

## General Search Results--Summary

Address=(ITN same Portugal) or (Nucl\* same Inst\* same Tec\* same Portugal); DocType=Article;  
 Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;  
 Timespan=2001,2000,1999,1998,1997,1996; (sorted by latest date)

**533 of 6986598 documents matched the query. (500 shown)**

### Record 1 of 500

**Author(s):** Kovac P; Husek I; Pachla W; Diantoro M; Bonfait G; Maria J; Frohlich K;  
 Kopera L; Diduszko R; Presz A

**Title:** Material for resistive barriers in Bi-2223/Ag tapes

**Source:** SUPERCONDUCTOR SCIENCE & TECHNOLOGY 2001, Vol 14, Iss 11,  
 pp 966-972

**ISSN/ISBN:** 0953-2048

**Addresses:** Kovac P, Slovak Acad Sci, Inst Elect Engn, Dubravaska Cesta 9, SK-84239  
 Bratislava, Slovakia  
 Slovak Acad Sci, Inst Elect Engn, SK-84239 Bratislava, Slovakia  
 Polish Acad Sci, High Pressure Res Ctr, PL-01142 Warsaw, Poland  
 Inst Technol, Dept Phys, Bandung 40132, Indonesia  
 Nucl & Technol Inst, Dept Chem, P-2686 Sacavem, Portugal  
 Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De  
 Caparica, Portugal  
 Inst Vacuum Technol, PL-00241 Warsaw, Poland

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** NOV

**IDS No.:** 500QM

**29-char source abbrev:** SUPERCONDUCT SCI TECHNOL

### Record 2 of 500

**Author(s):** Barreiros MA; Pinheiro T; Araujo MF; Costa MM; Palha M; da Silva RC

**Title:** Quality assurance of X-ray spectrometry for chemical analysis

**Source:** SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY 2001,  
 Vol 56, Iss 11, pp 2095-2106

**ISSN/ISBN:** 0584-8547

**Addresses:** Barreiros MA, INETI, Az Lameiros, P-1649038 Lisbon, Portugal  
INETI, P-1649038 Lisbon, Portugal  
ITN, P-2685953 Sacavem, Portugal  
UNL, FCT, P-2829516 Caparica, Portugal  
CFNUL, P-1649003 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 12

**Publication Date:** NOV 30

**IDS No.:** 501XK

**29-char source abbrev:** SPECTROCHIM ACTA PT B-AT SPEC

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**Record 3 of 500**

**Author(s):** Ramos AR; Paszti F; Horvath ZE; Vazsonyi E; Conde O; da Silva MF; da Silva MR; Soares JC

**Title:** Combined analyses of ion beam synthesized layers in porous silicon

**Source:** ACTA PHYSICA POLONICA A 2001, Vol 100, Iss 5, pp 773-780

**ISSN/ISBN:** 0587-4246

**Addresses:** Ramos AR, ITN, Estr Nacl 10, P-2686953 Sacavem, Portugal  
ITN, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, PL-1649003 Lisbon, Portugal  
Univ Lisbon, FCUL, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal  
KFKI Res Inst Particle & Nucl Phys, H-1525 Budapest, Hungary  
MTA Res Inst Tech Phys & Mat Sci, H-1525 Budapest, Hungary

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** NOV

**IDS No.:** 502EC

**29-char source abbrev:** ACTA PHYS POL A

---

**Record 4 of 500**

**Author(s):** Rita EMC; Alves LC; Reis MA; Rodrigues F; Fialho P; Soares JC

**Title:** Analysis of atmospheric aerosols using the Lisbon nuclear microprobe

**Source:** ACTA PHYSICA POLONICA A 2001, Vol 100, Iss 5, pp 781-788

**ISSN/ISBN:** 0587-4246

**Addresses:** Rita EMC, Inst Tecnol & Nucl, Dept Fis, EN 10, PL-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Fis, PL-2686953 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
Univ Azores, Dept Agrarian Sci, P-9701851 Angra do Heroismo, Azores, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** NOV

**IDS No.:** 502EC

**29-char source abbrev:** ACTA PHYS POL A

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**Record 5 of 500**

**Author(s):** Pereira S; Correia MR; Pereira E; O'Donnell KP; Trager-Cowan C; Sweeney F; Alves E; Sequeira AD; Franco N; Watson IM

**Title:** Depth resolved studies of indium content and strain in InGaN layers

**Source:** PHYSICA STATUS SOLIDI B-BASIC RESEARCH 2001, Vol 228, Iss 1, pp 59-64

**ISSN/ISBN:** 0370-1972

**Addresses:** Pereira S, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Strathclyde, Dept Phys & Appl Phys, Glasgow G4 ONG, Lanark, Scotland  
ITN, Dept Fis, P-2686935 Sacavem, Portugal  
Univ Strathclyde, Inst Photon, Glasgow G1 1XQ, Lanark, Scotland

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** NOV

**IDS No.:** 498LV

**29-char source abbrev:** PHYS STATUS SOLIDI B-BASIC RE

---

**Record 6 of 500**

**Author(s):** Correia R; Pereira S; Pereira E; Alves E; Gleize J; Frandon J; Renucci MA

**Title:** Indium distribution within In<sub>x</sub>Ga<sub>1-x</sub>N epitaxial layers: A combined resonant Raman scattering and Rutherford backscattering study

**Source:** PHYSICA STATUS SOLIDI B-BASIC RESEARCH 2001, Vol 228, Iss 1, pp 173-177

**ISSN/ISBN:** 0370-1972

**Addresses:** Correia R, Univ Aveiro, Dept Fis, P-3800 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3800 Aveiro, Portugal  
Univ Strathclyde, Dept Phys, Glasgow, Lanark, Scotland  
Inst Tecnol & Nucl, Dept Fis, Sacavem, Portugal  
Univ Toulouse 3, CNRS UMR 5477, Phys Solides Lab, F-31062 Toulouse 4, France

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** NOV

**IDS No.:** 498LV

**29-char source abbrev:** PHYS STATUS SOLIDI B-BASIC RE

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**Record 7 of 500**

**Author(s):** Estrela P; de Visser A; Naka T; de Boer FR; Pereira LCJ

**Title:** High-pressure study of the non-Fermi liquid material U<sub>2</sub>Pt<sub>2</sub>In

**Source:** EUROPEAN PHYSICAL JOURNAL B 2001, Vol 23, Iss 4, pp 449-454

**ISSN/ISBN:** 1434-6028

**Addresses:** Estrela P, Univ Amsterdam, Van Waals Zeeman Inst, Valckenierstr 65, NL-1018 XE Amsterdam, Netherlands  
Univ Amsterdam, Van Waals Zeeman Inst, NL-1018 XE Amsterdam, Netherlands  
Natl Res Inst Met, Tsukuba, Ibaraki 3050047, Japan  
Technol & Nucl Inst, Dept Chem, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** NOV

**IDS No.:** 498KD

**29-char source abbrev:** EUR PHYS J B

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**Record 8 of 500**

**Author(s):** Simao D; Alves H; Belo D; Rabaca S; Lopes EB; Santos IC; Gama V; Duarte MT; Henriques RT; Novais H; Almeida M

**Title:** Synthesis, structure and physical properties of tetrabutylammonium salts of nickel complexes with the new ligand dcbdt=4,5-dicyanobenzene-1,2-dithiolate, [Ni(dcbdt)(2)](z-) (z = 0.4, 1, 2)

**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2001, Iss 12, pp 3119-3126

**ISSN/ISBN:** 1434-1948

**Addresses:** Almeida M, Inst Tecnol Nucl, Dept Quim, Estrada Nacl 10, P-2685953 Sacavem, Portugal  
Inst Tecnol Nucl, Dept Quim, P-2685953 Sacavem, Portugal  
Ist Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** DEC

**IDS No.:** 498JA

**29-char source abbrev:** EUR J INORG CHEM

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**Record 9 of 500**

**Author(s):** Belo D; Alves H; Rabaca S; Pereira LC; Duarte MT; Gama V; Henriques RT; Almeida M; Ribera E; Rovira C; Veciana J

**Title:** Nickel complexes based on thiophenedithiolate ligands - Magnetic properties of metallocenium salts

**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2001, Iss 12, pp 3127-3133

**ISSN/ISBN:** 1434-1948

**Addresses:** Almeida M, Inst Tecnol & Nucl, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
Univ Bellaterra, CSIC, Inst Ciencia Mat Barcelona, Cerdanyola Del Valles 08193, Spain

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** DEC

**IDS No.:** 498JA

**29-char source abbrev:** EUR J INORG CHEM

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**Record 10 of 500**

**Author(s):** Sequeira AD; Franco N; Neves J  
**Title:** High-temperature double-crystal X-ray diffractometer for in situ studies, the hotbird  
**Source:** EPDIC 7: EUROPEAN POWDER DIFFRACTION, PTS 1 AND 2 2001, Vol 378-3, pp 206-211  
**ISSN/ISBN:** 0255-5476  
**Addresses:** Sequeira AD, Inst Tecnol & Nucl, Estrada Nacl 10, PT-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, PT-2686953 Sacavem, Portugal  
Univ Nova Lisboa, PT-2825 Caparica, Portugal  
**Times Cited:** 0  
**Source item page count:** 6  
**Book series title:** MATERIALS SCIENCE FORUM  
**Part number:** 1&2  
**IDS No.:** BT27W  
**29-char source abbrev:** MATER SCI FORUM

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**Record 11 of 500**

**Author(s):** Franco N; Sequeira AD  
**Title:** Software package for data acquisition and remote control of the high-temperature X-ray diffractometer, hotbird  
**Source:** EPDIC 7: EUROPEAN POWDER DIFFRACTION, PTS 1 AND 2 2001, Vol 378-3, pp 212-217  
**ISSN/ISBN:** 0255-5476  
**Addresses:** Franco N, Inst Tecnol & Nucl, Estrada Nacl 10, PT-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, PT-2686953 Sacavem, Portugal  
Univ Nova Lisboa, PT-2825 Monte De Caparica, Portugal  
**Times Cited:** 0  
**Source item page count:** 6  
**Book series title:** MATERIALS SCIENCE FORUM

**Part number:** 1&2  
**IDS No.:** BT27W  
**29-char source abbrev:** MATER SCI FORUM

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**Record 12 of 500**

**Author(s):** Lopes PA; Pinheiro T; Santos MC; Mathias MD; Collares-Pereira MJ; Viegas-Crespo AM  
**Title:** Response of antioxidant enzymes in freshwater fish populations( *Leuciscus alburnoides* complex) to inorganic pollutants exposure  
**Source:** SCIENCE OF THE TOTAL ENVIRONMENT 2001, Vol 280, Iss 1-3, pp 153-163  
**ISSN/ISBN:** 0048-9697  
**Addresses:** Viegas-Crespo AM, Univ Lisbon, Fac Ciencias, Ctr Biol Ambiental, Bloco C2,3 Piso, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Ctr Biol Ambiental, P-1749016 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, Inst Tecnol Nucl, P-2685953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Ctr Estudos Bioquim & Fisiol, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, P-1749016 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 11  
**Publication Date:** DEC 3  
**IDS No.:** 497DM  
**29-char source abbrev:** SCI TOTAL ENVIR

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**Record 13 of 500**

**Author(s):** Pereira S; Correia MR; Pereira E; O'Donnell KP; Trager-Cowan C; Sweeney F; Alves E  
**Title:** Compositional pulling effects in  $\text{In}_x\text{Ga}_{1-x}/\text{GaN}$  layers: A combined depth-resolved cathodoluminescence and Rutherford backscattering/channeling study  
**Source:** PHYSICAL 2001, Vol 6420, Iss 20, art. no. 205311  
**ISSN/ISBN:** 0163-1829

**Addresses:** Pereira S, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Strathclyde, Dept Phys, Glasgow G4 0NG, Lanark, Scotland  
ITN, Departamento Fis, P-2686935 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** NOV 15

**IDS No.:** 497PL

**29-char source abbrev:** PHYS REV B

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### Record 14 of 500

**Author(s):** Araujo JP; Correia JG; Amaral VS; Tavares PB; Lencart-Silva F; Lourenco AACS; Sousa JB; Vieira JM; Soares JC

**Title:** Hyperfine fields at the Cd site in La<sub>0.67</sub>Cd<sub>0.25</sub>MnO<sub>3</sub> CMR manganites

**Source:** HYPERFINE INTERACTIONS 2001, Vol 133, Iss 1-4, pp 89-94

**ISSN/ISBN:** 0304-3843

**Addresses:** Araujo JP, Univ Porto, IFIMUP, Rua Campo Alegre 687, P-4150 Oporto, Portugal

Univ Porto, IFIMUP, P-4150 Oporto, Portugal

ITN, EN 10, P-2685 Sacavem, Portugal

CERN, EP, CH-1211 Geneva, Switzerland

Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal

Univ Tras Montes & Alto Douro, Seccao Quim, P-5000 Vila Real, Portugal

Univ Aveiro, Dept Engn Ceram & Vidro, P-3810 Aveiro, Portugal

CFNUL, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 6

**IDS No.:** 494QL

**29-char source abbrev:** HYPERFINE INTERACTIONS

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### Record 15 of 500

**Author(s):** Nasraoui M; Waerenborgh JC

**Title:** Fe speciation in weathered pyrochlore-group minerals from the Lueshe and Araxa (Barreiro) carbonatites by Fe-57 Mossbauer spectroscopy

**Source:** CANADIAN MINERALOGIST 2001, Vol 39, pp 1073-1080



**ISSN/ISBN:** 0008-4476  
**Addresses:** Nasraoui M, Inst Tecnol & Nucl, Estrada Nac 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** AUG  
**Part number:** 4  
**IDS No.:** 487DM  
**29-char source abbrev:** CAN MINERALOG

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**Record 16 of 500**

**Author(s):** Waerenborgh JC; Figueiredo FM; Frade JR; Colomer MT; Jurado JR  
**Title:** Fe<sup>4+</sup> content and ordering of anion vacancies in partially reduced AFe(x)Ti(1-x)O(3-y) (A = Ca, Sr; x <= 0.6) perovskites. An Fe-57 Mossbauer spectroscopy study  
**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 2001, Vol 13, Iss 35, pp 8171-8187  
**ISSN/ISBN:** 0953-8984  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Aveiro, UIMC, Dept Engn Ceram & Vidro, P-3810193 Aveiro, Portugal  
Univ Alberta, Dept Ciencias Exactas & Tecnol, P-1269001 Lisbon, Portugal  
CSIC, Inst Ceram & Vidrio, Madrid 28500, Spain  
**Times Cited:** 1  
**Source item page count:** 17  
**Publication Date:** SEP 3  
**IDS No.:** 479QV  
**29-char source abbrev:** J PHYS-CONDENS MATTER

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**Record 17 of 500**

**Author(s):** Carrott MMLR; Candeias AJE; Carrott PJM; Ravikovitch PI; Neimark AV; Sequeira AD

**Title:** Adsorption of nitrogen, neopentane, n-hexane, benzene and methanol for the evaluation of pore sizes in silica grades of MCM-41

**Source:** MICROPOROUS AND MESOPOROUS MATERIALS 2001, Vol 47, Iss 2-3, pp 323-337

**ISSN/ISBN:** 1387-1811

**Addresses:** Carrott MMLR, Univ Evora, Dept Chem, Colegio Luis Antonio Verney, Rua Romao Romalha 59, P-7000671 Evora, Portugal  
 Univ Evora, Dept Chem, Colegio Luis Antonio Verney, P-7000671 Evora, Portugal  
 TRI Princeton, Ctr Modeling & Characterizat Nanoporous Mat, Princeton, NJ 08542 USA  
 Nucl & Technol Inst, Dept Phys, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 15

**Publication Date:** OCT

**IDS No.:** 478HV

**29-char source abbrev:** MICROPOROUS MESOPOROUS MAT

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**Record 18 of 500**

**Author(s):** Schrittwieser R; Ionita C; Balan PC; Cabral JA; Figueiredo FH; Pohoata V; Varandas C

**Title:** Application of emissive probes for plasma potential measurements in fusion devices

**Source:** CONTRIBUTIONS TO PLASMA PHYSICS 2001, Vol 41, Iss 5, pp 494-503

**ISSN/ISBN:** 0863-1042

**Addresses:** Schrittwieser R, Innsbruck Univ, Dept Ion Phys, Technikerstr 25, A-6020 Innsbruck, Austria  
 Innsbruck Univ, Dept Ion Phys, A-6020 Innsbruck, Austria  
 Univ Al I Cuza, Fac Phys, RO-6600 Ia, Romania  
 Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 10

**IDS No.:** 479MP

**29-char source abbrev:** CONTRIB PLASM PHYS

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**Record 19 of 500**

**Author(s):** Lebel S; Trinkaus E; Faure M; Fernandez P; Guerin C; Richter D; Mercier N; Valladas H; Wagner GA

**Title:** Comparative morphology and paleobiology of Middle Pleistocene human remains from the Bau de l'Aubesier, Vaucluse, France

**Source:** PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 2001, Vol 98, Iss 20, pp 11097-11102

**ISSN/ISBN:** 0027-8424

**Addresses:** Trinkaus E, Washington Univ, Dept Anthropol, Box 1114, St Louis, MO 63130 USA  
Washington Univ, Dept Anthropol, St Louis, MO 63130 USA  
Univ Quebec, Dept Sci Terre & Atmosphere, Montreal, PQ H3C 3P8, Canada  
Univ Bordeaux 1, Lab Anthropol Populat Passe, UMR 5809 CNRS, F-33405 Talence, France  
Univ Lyon 2, Unite Mixte Rech Paleoenvironm & Paleobiosphere, F-69007 Lyon, France  
Univ Lyon 1, CNRS, Unite Mixte Rech Paleoenvironm & Paleobiosphere, Unite Format & Rech Sci Terre, F-69622 Villeurbanne, France  
Max Planck Inst Kernphys, Forsch Stelle Archaometrie, Heidelberger Akad Wissensch, D-69029 Heidelberg, Germany  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Lab Sci Climat & Environm, F-91198 Gif Sur Yvette, France

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** SEP 25

**IDS No.:** 476PC

**29-char source abbrev:** PROC NAT ACAD SCI USA

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**Record 20 of 500**

**Author(s):** Gurova AN; de Brito FE; de Castro CAN; Mardolcar UV

**Title:** Dielectric properties of 1,1,1,3,3-pentafluoropropane (HFC-245fa)

**Source:** JOURNAL OF CHEMICAL AND ENGINEERING DATA 2001, Vol 46, Iss 5, pp 1072-1077

**ISSN/ISBN:** 0021-9568

**Addresses:** Mardolcar UV, Inst Super Tecn, Dept Fis & Nucl Termofis, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Dept Fis & Nucl Termofis, P-1049001 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Ctr Ciencias Mol & Mat, P-1749016 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** SEP-OCT

**IDS No.:** 476EN

**29-char source abbrev:** J CHEM ENG DATA

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**Record 21 of 500**

**Author(s):** Hillier AC; Zhang XW; Maunder GH; Liu SY; Eberspacher TA; Metz MV; McDonald R; Domingos A; Marques N; Day VW; Sella A; Takats J

**Title:** Synthesis and structural comparison of a series of divalent Ln(Tp(R,R'))(2) (Ln = Sm, Eu, Yb) and trivalent Sm(Tp(Me2))(2)X (X = F, Cl, I, BPh4) complexes

**Source:** INORGANIC CHEMISTRY 2001, Vol 40, Iss 20, pp 5106-5116

**ISSN/ISBN:** 0020-1669

**Addresses:** Sella A, Univ Coll London, Dept Chem, Christopher Ingold Labs, Mortimer St, London WC1E 6BT, England  
Univ Coll London, Dept Chem, Christopher Ingold Labs, London WC1E 6BT, England  
Univ Nebraska, Dept Chem, Lincoln, NE 68588 USA  
ITN, Dept Quim, P-2686953 Sacavem Codex, Portugal  
Univ Alberta, Dept Chem, Edmonton, AB T6G 2G2, Canada

**Times Cited:** 0

**Source item page count:** 11

**Publication Date:** SEP 24

**IDS No.:** 475RG

**29-char source abbrev:** INORG CHEM

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## Record 22 of 500

**Author(s):** Correia JDG; Domingos A; Santos I; Alberto R; Ortner K  
**Title:** Re tricarbonyl complexes with ligands containing P,N,N and P,N,O donor atom sets: Synthesis and structural characterization  
**Source:** INORGANIC CHEMISTRY 2001, Vol 40, Iss 20, pp 5147-5151  
**ISSN/ISBN:** 0020-1669  
**Addresses:** Santos I, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Zurich, Inst Inorgan Chem, CH-8057 Zurich, Switzerland  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** SEP 24  
**IDS No.:** 475RG  
**29-char source abbrev:** INORG CHEM

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## Record 23 of 500

**Author(s):** Zhang ZG; Freitas PP; Ramos AR; Barradas NP; Soares JC  
**Title:** Resistance decrease in spin tunnel junctions by control of natural oxidation conditions  
**Source:** APPLIED PHYSICS LETTERS 2001, Vol 79, Iss 14, pp 2219-2221  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Zhang ZG, INESC, R Alves Redol 9-1, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1000 Lisbon, Portugal  
Inst Tecnol & Nucl, Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 3  
**Publication Date:** OCT 1  
**IDS No.:** 474YM  
**29-char source abbrev:** APPL PHYS LETT

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## Record 24 of 500

**Author(s):** Carvalho S; Vaz F; Rebouta L; Schneider D; Cavaleiro A; Alves E  
**Title:** Elastic properties of (Ti,Al,Si) N nanocomposite films

**Source:** SURFACE & COATINGS TECHNOLOGY 2001, Vol 142, pp 110-116  
**ISSN/ISBN:** 0257-8972  
**Addresses:** Carvalho S, Univ Minho, Dept Phys, Azurem, P-4810 Guimaraes, Portugal  
Univ Minho, Dept Phys, P-4810 Guimaraes, Portugal  
Fraunhofer Inst Werkstoffphys, Dresden, Germany  
Univ Coimbra, FCT, ICMES, P-3030 Coimbra, Portugal  
ITN, Dept Phys, P-2686953 Sacevem, Portugal  
**Times Cited:** 0  
**Source item page count:** 7  
**Publication Date:** JUL  
**IDS No.:** 474KA  
**29-char source abbrev:** SURF COAT TECH

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**Record 25 of 500**

**Author(s):** Bartlett DT; Ambrosi P; Back C; Bordy JM; Christensen P; Colgan PA; de Carvalho AF; Delgado A; van Dijk JWE; Fantuzzi E; Hyvonen H; Lindborg L; Stadtmann H; Vanhavere F; Wernli C; Zamani-Valasiadou M  
**Title:** Harmonisation and dosimetric quality assurance in individual monitoring for external radiation  
**Source:** RADIATION PROTECTION DOSIMETRY 2001, Vol 96, Iss 1-3, pp 27-33  
**ISSN/ISBN:** 0144-8420  
**Addresses:** Bartlett DT, Natl Radiol Protect Board, Didcot OX11 0RQ, Oxon, England  
Natl Radiol Protect Board, Didcot OX11 0RQ, Oxon, England  
Phys Tech Bundesanstalt, D-38023 Braunschweig, Germany  
Minist Sante, Div Radioprotect, L-2120 Luxembourg, Luxembourg  
IPSN, DPEA, SEC, F-92265 Fontenay Aux Roses, France  
Riso Natl Lab, DK-4000 Roskilde, Denmark  
Radiol Protect Inst Ireland, Dublin 14, Ireland  
ITN, Dept Radiol Protect & Nucl Safety, P-2686953 Sacavem, Portugal  
CIEMAT, E-28040 Madrid, Spain  
NRG Radiat & Environm, NL-6800 ES Arnhem, Netherlands  
ENEA, Ente Nazl Nuove Tecnol Energia & Ambiente, Ist Radioprotez, I-40136 Bologna, Italy  
STUK, Radiat & Nucl Safety Author, FIN-00881 Helsinki, Finland  
Swedish Radiat Protect Inst, SSI, S-17116 Stockholm, Sweden  
Austrian Res Ctr Siebersdorf, A-2444 Seibersdorf, Austria  
CEN SCK, B-2400 Mol, Belgium  
Paul Scherrer Inst, CH-5232 Villigen, Switzerland

Aristotelian Univ Thessaloniki, AUT Greece Nucl Phys Lab, GR-54006  
Thessaloniki, Greece

**Times Cited:** 3  
**Source item page count:** 7  
**IDS No.:** 473AL  
**29-char source abbrev:** RADIAT PROT DOSIM

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**Record 26 of 500**

**Author(s):** Alves JG; Martins MB; Amaral EM  
**Title:** Occupational exposure in Portugal in 1999  
**Source:** RADIATION PROTECTION DOSIMETRY 2001, Vol 96, Iss 1-3, pp 43-47  
**ISSN/ISBN:** 0144-8420  
**Addresses:** Alves JG, Inst Tecnol & Nucl, Dept Proteccao Radiol & Seguranca Nucl,  
Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Proteccao Radiol & Seguranca Nucl, P-2686953  
Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**IDS No.:** 473AL  
**29-char source abbrev:** RADIAT PROT DOSIM

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**Record 27 of 500**

**Author(s):** Fantuzzi E; Ambrosi P; Bartlett DT; de Carvalho AF; Delgado A; Lindborg L  
**Title:** Present status of approval procedures in the EU Member States and  
Switzerland  
**Source:** RADIATION PROTECTION DOSIMETRY 2001, Vol 96, Iss 1-3, pp 73-80  
**ISSN/ISBN:** 0144-8420  
**Addresses:** Fantuzzi E, ENEA, Inst Radiat Protect, Via Colli 16, I-40136 Bologna, Italy  
ENEA, Inst Radiat Protect, I-40136 Bologna, Italy  
Phys Tech Bundesanstalt, D-38023 Braunschweig, Germany  
Natl Radiol Protect Board, Didcot OX11 0RQ, Oxon, England  
ITN, Dept Radiol Protect & Nucl Safety, P-2686953 Sacavem, Portugal  
CIEMAT, E-28040 Madrid, Spain  
Swedish Radiat Protect Inst, SSI, S-17116 Stockholm, Sweden

**Times Cited:** 0  
**Source item page count:** 8  
**IDS No.:** 473AL  
**29-char source abbrev:** RADIAT PROT DOSIM

---

**Record 28 of 500**

**Author(s):** Oliveira NG; Castro M; Rodrigues AS; Goncalves IC; Cassapo R; Fernandes AP; Chaveca T; Toscano-Rico JM; Rueff J  
**Title:** Evaluation of the genotoxic effects of the boron neutron capture reaction in human melanoma cells using the cytokinesis block micronucleus assay  
**Source:** MUTAGENESIS 2001, Vol 16, Iss 5, pp 369-375  
**ISSN/ISBN:** 0267-8357  
**Addresses:** Rueff J, New Univ Lisbon, Fac Med Sci, Dept Genet, R da Junqueira 96, P-1349008 Lisbon, Portugal  
New Univ Lisbon, Fac Med Sci, Dept Genet, P-1349008 Lisbon, Portugal  
Univ Lisbon, Fac Pharm, P-1699 Lisbon, Portugal  
Univ Lisbon, Fac Med, CFEC, P-1699 Lisbon, Portugal  
Univ Lusofona, Lisbon, Portugal  
Portuguese Res Reactor, Nucl & Technol Inst, Lisbon, Portugal

**Times Cited:** 0  
**Source item page count:** 7  
**Publication Date:** SEP  
**IDS No.:** 473CN  
**29-char source abbrev:** MUTAGENESIS

---

**Record 29 of 500**

**Author(s):** Garcia R; Paulo A; Domingos K; Santos I  
**Title:** Rhenium(I) organometallic complexes with novel bis(mercaptoimidazolyl)borates and with hydrotris(mercaptoimidazolyl)borate: chemical and structural studies  
**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 632, Iss 1-2, pp 41-48  
**ISSN/ISBN:** 0022-328X



**Addresses:** Santos I, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953  
Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 8

**Publication Date:** AUG 24

**IDS No.:** 474JK

**29-char source abbrev:** J ORGANOMET CHEM

---

### Record 30 of 500

**Author(s):** Rabaca S; Meira R; Pereira LCJ; Duarte MT; da Gama V

**Title:** Synthesis, structural and magnetic characterization of the metamagnet [Fe(C5Me5)(2)]DMe-DCNQi

**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 632, Iss 1-2, pp 67-74

**ISSN/ISBN:** 0022-328X

**Addresses:** da Gama V, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 8

**Publication Date:** AUG 24

**IDS No.:** 474JK

**29-char source abbrev:** J ORGANOMET CHEM

---

### Record 31 of 500

**Author(s):** Lopes I; Monteiro B; Lin GY; Domingos A; Marques N; Takats J

**Title:** Samarium(III) compounds supported by the hydrotris(3,5-dimethylpyrazolyl)borate ligand: synthetic utility of the putative, reduction prone Sm(III)-hydrocarbyls, '(Tp(Me2))(2)SmR'

**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 632, Iss 1-2, pp 119-125

**ISSN/ISBN:** 0022-328X

**Addresses:** Marques N, ITN, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Alberta, Dept Chem, Edmonton, AB T6G 2G2, Canada

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** AUG 24

**IDS No.:** 474JK

**29-char source abbrev:** J ORGANOMET CHEM

---

### Record 32 of 500

**Author(s):** Vieira MD; Marcalo J; de Matos AP

**Title:** Gas-phase reactivity of lanthanide and actinide cations with the archetypal organometallic complexes Fe(CO)(5) and Fe(C5H5)(2)

**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 632, Iss 1-2, pp 126-132

**ISSN/ISBN:** 0022-328X

**Addresses:** de Matos AP, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** AUG 24

**IDS No.:** 474JK

**29-char source abbrev:** J ORGANOMET CHEM

---

### Record 33 of 500

**Author(s):** Leal JP; Marques N; Takats J

**Title:** Bond dissociation enthalpies of U(IV) complexes. An integrated view

**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 632, Iss 1-2, pp 209-214

**ISSN/ISBN:** 0022-328X

**Addresses:** Leal JP, ITN, Dept Quim, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Alberta, Dept Chem, Edmonton, AB T6G 2G2, Canada

**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** AUG 24  
**IDS No.:** 474JK  
**29-char source abbrev:** J ORGANOMET CHEM

---

**Record 34 of 500**

**Author(s):** Morgado J; Santos IC; Veiros LF; Rodrigues U; Henriques RT; Duarte MT; Alcacer L; Almeida M  
**Title:** Preparation, structural, electrical and magnetic properties of tetrathiafulvalene-Au(pdS)(2) salts (pds = pyrazine-2,3-diselenolate)  
**Source:** JOURNAL OF MATERIALS CHEMISTRY 2001, Vol 11, Iss 9, pp 2108-2117  
**ISSN/ISBN:** 0959-9428  
**Addresses:** Almeida M, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 10  
**IDS No.:** 473CW  
**29-char source abbrev:** J MATER CHEM

---

**Record 35 of 500**

**Author(s):** Clemente-Leon M; Coronado E; Gimenez-Saiz C; Gomez-Garcia CJ; Martinez-Ferrero E; Almeida M; Lopes EB  
**Title:** Organic/inorganic molecular conductors based upon perylene and Lindquist-type polyoxometalates  
**Source:** JOURNAL OF MATERIALS CHEMISTRY 2001, Vol 11, Iss 9, pp 2176-2180  
**ISSN/ISBN:** 0959-9428  
**Addresses:** Coronado E, Univ Valencia, Inst Ciencia Mol, E-46100 Burjassot, Spain  
Univ Valencia, Inst Ciencia Mol, E-46100 Burjassot, Spain  
Inst Tecnol & Nucl, P-2686 Sacavem, Portugal  
**Times Cited:** 0

**Source item page count: 5**

**IDS No.:** 473CW  
**29-char source abbrev:** J MATER CHEM

---

**Record 36 of 500**

**Author(s):** Breese MBH; Sellin PJ; Alves LC; Knights AP; Sussmann RS; Whitehead AJ  
**Title:** Imaging of charge transport properties in polycrystalline CVD diamond using IBIC and IBIL microscopy  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 181, pp 219-224  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Breese MBH, Univ Surrey, Sch Phys Sci, Dept Phys, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Sch Phys Sci, Dept Phys, Guildford GU2 5XH, Surrey, England  
ITN, Dept Fis, P-2686953 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
Univ Surrey, Dept Elect & Elect Engn, Guildford GU2 5XH, Surrey, England  
De Beers Ind Diamonds UK Ltd, Ascot, Berks, England

**Times Cited:** 0

**Source item page count: 6**

**Publication Date:** JUL  
**IDS No.:** 470RR  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 37 of 500**

**Author(s):** Alves LC; Alves E; da Silva MF; Soares JC; Paul A; La Barbera A; Riccardi B  
**Title:** Study of solid-state reactions of SiC/SiCf composites using microbeams  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 181, pp 377-381  
**ISSN/ISBN:** 0168-583X

**Addresses:** Alves LC, ITN, Dept Fis, EN10, P-2686953 Sacavem, Portugal  
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CFNUL, P-1699 Lisbon, Portugal  
Univ Sevilla, CSIC, ICMSE, Seville 41092, Spain  
ENEA, EURATOM Assoc, CR Casaccia, Rome, Italy  
ENEA, EURATOM Assoc, CR Frascati, Rome, Italy

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** JUL

**IDS No.:** 470RR

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 38 of 500**

**Author(s):** Paul A; Elmrabet S; Alves LC; da Silva MF; Soares JC; Odriozola JA

**Title:** Ion microprobe study of the scale formed during high temperature oxidation of high silicon EN-1.4301 stainless steel

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 181, pp 394-398

**ISSN/ISBN:** 0168-583X

**Addresses:** Paul A, Univ Sevilla, CSIC, Inst Ciencia Mat Sevilla, Avda Amer Vespuccio S-N, Seville 41092, Spain  
Univ Sevilla, CSIC, Inst Ciencia Mat Sevilla, Seville 41092, Spain  
Inst Tecnol & Nucl, Dept Phys, P-2686953 Sacavem, Portugal  
CFNUL, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** JUL

**IDS No.:** 470RR

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 39 of 500**

**Author(s):** Pinheiro T; Alves LC; Palhano MJ; de Almeida AB

**Title:** Mobilisation of toxic elements in the human respiratory system

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2001, Vol 181, pp 499-505

**ISSN/ISBN:** 0168-583X

**Addresses:** Pinheiro T, ITN, Dept Phys, EN 10, P-2685953 Sacavem, Portugal  
ITN, Dept Phys, P-2685953 Sacavem, Portugal  
Univ Lisbon, Nucl Phys Ctr, P-1699 Lisbon, Portugal  
Univ Lisbon, Dept Pneumol, Fac Med, P-1700 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** JUL

**IDS No.:** 470RR

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 40 of 500**

**Author(s):** Ross GJ; Barradas NP; Hill MP; Jeynes C; Morrissey P; Watts JF

**Title:** Rutherford backscattering spectrometry and computer simulation for the in-depth analysis of chemically modified poly(vinylidene fluoride)

**Source:** JOURNAL OF MATERIALS SCIENCE 2001, Vol 36, Iss 19, pp 4731-4738

**ISSN/ISBN:** 0022-2461

**Addresses:** Watts JF, Univ Surrey, Sch Mech & Mat Engn, Surrey GU2 7XH, England  
Univ Surrey, Sch Mech & Mat Engn, Surrey GU2 7XH, England  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Surrey, Sch Elect Engn Informat Technol & Math, Surrey GU2 7XH, England  
Innol Ltd, Harwell Int Business Ctr, Didcot OX11 0QA, Oxon, England

**Times Cited:** 0

**Source item page count:** 8

**IDS No.:** 472JR

**29-char source abbrev:** J MATER SCI

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**Record 41 of 500**

**Author(s):** Catarino I; Cardoso C; Goncalves AP; Waerenborgh JC; Cruz MM; Kuznietz M; Almeida M; Bonfait G; Godinho M

**Title:** Magnetism of the series UFexAl12-x  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2001, Vol 226, pp 1120-1122  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Godinho M, Univ Lisbon, Fac Ciencias, Dept Fis CCMM, Campo Grande,Ed C8, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis CCMM, P-1749016 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** MAY  
**Part number:** 2  
**IDS No.:** 466DE  
**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 42 of 500**

**Author(s):** Catarino I; Pereira LCJ; Waerenborgh JC; Almeida M; Godinho M; Bonfait G  
**Title:** Non-Fermi-liquid behaviour of the  $(U_{1-x}Th_x)_2Pt_2In$  solid solutions  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2001, Vol 226, pp 92-94  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Pereira LCJ, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
UNL, Fac Ciencias Tecnol, Dept Fis, P-2825114 Monte De Caparica, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700016 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** MAY  
**Part number:** 1  
**IDS No.:** 467MP  
**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 43 of 500**

**Author(s):** Sologub OL; Salamakhaa PS; Alleno E; Godart C

**Title:** Structure and magnetism of ternary compounds Ce-5 MGe<sub>2</sub> M = Co, Ni, Ru, Rh, Pd, Ir, Pt

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2001, Vol 226, pp 170-172

**ISSN/ISBN:** 0304-8853

**Addresses:** Godart C, CNRS, UPR 209, Grp Labs Thiais, 2-8 Rue Henri Dunant, F-94320 Thiais, France  
CNRS, UPR 209, Grp Labs Thiais, F-94320 Thiais, France  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY

**Part number:** 1

**IDS No.:** 467MP

**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 44 of 500**

**Author(s):** Araujo JP; Amaral VS; Tavares PB; Lencart-Silva F; Lourenco AACs; Alves E; Sousa JB; Vieira JM

**Title:** Cadmium addition to vacancy doped lanthanum manganites: from metallic to insulator behaviour

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2001, Vol 226, pp 797-799

**ISSN/ISBN:** 0304-8853

**Addresses:** Amaral VS, Univ Aveiro, Dept Fis, Campus Santiago, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Porto, IFIMUP, Dept Fis, P-4150 Oporto, Portugal  
Univ Aveiro, Dept Eng Ceram & Vidro, P-3810 Aveiro, Portugal  
Univ Tras Montes & Alto Douro, Seccao Quim, P-5000 Vila Real, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 0



**Source item page count:** 3

**Publication Date:** MAY

**Part number:** 1

**IDS No.:** 467MP

**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 45 of 500**

**Author(s):** Cruz MM; Carvalho MD; Casaca A; Bonfait G; Costa FM; Godinho M

**Title:** Ruddlesden-Popper versus perovskite phases in La-Ca manganites

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2001, Vol 226, pp 800-802

**ISSN/ISBN:** 0304-8853

**Addresses:** Cruz MM, Univ Lisbon, Fac Ciencias, Dept Fis, CCMM, C Grande Ed C8, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, CCMM, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dep Quim Bioquim, CCMM, P-1749016 Lisbon, Portugal  
Inst Tecnol Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY

**Part number:** 1

**IDS No.:** 467MP

**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 46 of 500**

**Author(s):** Goncalves IF; Martinho E; Salgado J

**Title:** Monte Carlo calculation of resonance self-shielding factors for epithermal neutron spectra

**Source:** RADIATION PHYSICS AND CHEMISTRY 2001, Vol 61, Iss 3-6, pp 461-462

**ISSN/ISBN:** 0969-806X  
**Addresses:** Goncalves IF, Inst Tecnol & Nucl Fis, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl Fis, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** JUN  
**IDS No.:** 464HF  
**29-char source abbrev:** RADIAT PHYS CHEM

---

**Record 47 of 500**

**Author(s):** Farinha MM; Freitas MC; Almeida SM; Reis MA  
**Title:** Some improvements in air particulate matter analysis by INAA  
**Source:** RADIATION PHYSICS AND CHEMISTRY 2001, Vol 61, Iss 3-6, pp 659-661  
**ISSN/ISBN:** 0969-806X  
**Addresses:** Farinha MM, ITN, Inst Tecnol & Nucl, EN 10, Apart 21, P-2686953 Sacavem, Portugal  
ITN, Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JUN  
**IDS No.:** 464HF  
**29-char source abbrev:** RADIAT PHYS CHEM

---

**Record 48 of 500**

**Author(s):** Oliveira C; Salgado J  
**Title:** Isodose distributions and dose uniformity in the Portuguese gamma irradiation facility calculated using the MCNP code  
**Source:** RADIATION PHYSICS AND CHEMISTRY 2001, Vol 61, Iss 3-6, pp 791-793  
**ISSN/ISBN:** 0969-806X

**Addresses:** Oliveira C, Nucl & Technol Inst, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Nucl & Technol Inst, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** JUN

**IDS No.:** 464HF

**29-char source abbrev:** RADIAT PHYS CHEM

---

### Record 49 of 500

**Author(s):** Lang PT; Lorenz A; Mertens V; Fuchs JC; Gafert J; Gehre O; Gruber O; Haas G; Kaufmann M; Kurzan B; Maraschek M; Muller HW; Murmann HD; Neuhauser J; Reich M; Schneider W; Vergamota S

**Title:** Refuelling performance improvement by high speed pellet launch from the magnetic high field side

**Source:** NUCLEAR FUSION 2001, Vol 41, Iss 8, pp 1107-1112

**ISSN/ISBN:** 0029-5515

**Addresses:** Lang PT, EURATOM Assoc, Max Planck Inst Plasmaphys, Garching, Germany  
EURATOM Assoc, Max Planck Inst Plasmaphys, Garching, Germany  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** AUG

**IDS No.:** 465QP

**29-char source abbrev:** NUCL FUSION

---

### Record 50 of 500

**Author(s):** Freitas MC; Reis MA; Marques AP; Wolterbeek HT

**Title:** Use of lichen transplants in atmospheric deposition studies

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY 2001, Vol 249, Iss 2, pp 307-315

**ISSN/ISBN:** 0236-5731

**Addresses:** Freitas MC, ITN, Apartado 21, P-2686953 Sacavem, Portugal  
ITN, P-2686953 Sacavem, Portugal  
Tech Univ Delft, IRI, NL-2629 JB Delft, Netherlands

**Times Cited:** 0

**Source item page count:** 9

**Publication Date:** AUG

**IDS No.:** 465YA

**29-char source abbrev:** J RADIOANAL NUCL CHEM

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**Record 51 of 500**

**Author(s):** Pacheco AMG; Freitas MC; Barros LIC; Figueira R

**Title:** Investigating tree bark as an air-pollution biomonitor by means of neutron activation analysis

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
2001, Vol 249, Iss 2, pp 327-331

**ISSN/ISBN:** 0236-5731

**Addresses:** Pacheco AMG, Univ Tecn Lisbon, Inst Super Tecn, CVRM, Av Rovisco Pais  
1, P-1049001 Lisbon, Portugal  
Univ Tecn Lisbon, Inst Super Tecn, CVRM, P-1049001 Lisbon, Portugal  
Univ Tecn Lisbon, Inst Super Tecn, DEQ, P-1049001 Lisbon, Portugal  
Technol & Nucl Inst, DEA, P-2686953 Sacavem, Portugal  
Univ Lisbon, Lab & Jardim Bot, MLJB Museu, P-1250102 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** AUG

**IDS No.:** 465YA

**29-char source abbrev:** J RADIOANAL NUCL CHEM

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**Record 52 of 500**

**Author(s):** Goncalves IF; Martinho E; Salgado J

**Title:** Monte Carlo calculation of epithermal neutron resonance self-shielding factors in wires of different materials

**Source:** APPLIED RADIATION AND ISOTOPES 2001, Vol 55, Iss 4, pp 447-451

**ISSN/ISBN:** 0969-8043

**Addresses:** Goncalves IF, Inst Tecnol & Nucl, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** OCT

**IDS No.:** 466MM

**29-char source abbrev:** APPL RADIAT ISOTOPES

---

### Record 53 of 500

**Author(s):** Pereira S; Correia MR; Pereira E; O'Donnell KP; Alves E; Sequeira AD; Franco N

**Title:** Interpretation of double x-ray diffraction peaks from InGaN layers

**Source:** APPLIED PHYSICS LETTERS 2001, Vol 79, Iss 10, pp 1432-1434

**ISSN/ISBN:** 0003-6951

**Addresses:** Pereira S, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Strathclyde, Dept Phys, Glasgow G4 0NG, Lanark, Scotland  
ITN, Dept Fis, P-2686953 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 3

**Publication Date:** SEP 3

**IDS No.:** 466LN

**29-char source abbrev:** APPL PHYS LETT

---

### Record 54 of 500

**Author(s):** Barradas NP

**Title:** Rutherford backscattering analysis of thin films and superlattices with roughness

**Source:** JOURNAL OF PHYSICS D-APPLIED PHYSICS 2001, Vol 34, Iss 14, pp 2109-2116

**ISSN/ISBN:** 0022-3727

**Addresses:** Barradas NP, Inst Tecnol & Nucl, EN 10, Apartado 21, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** JUL 21

**IDS No.:** 461JK

**29-char source abbrev:** J PHYS-D-APPL PHYS

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**Record 55 of 500**

**Author(s):** Correia JDG; Domingos A; Santos I; Spies H

**Title:** Synthesis and characterization of mixed-ligand oxorhenium(V) complexes with new [(PNO/S)(S)] donor atom sets

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 2001, Iss 15, pp 2245-2250

**ISSN/ISBN:** 1472-7773

**Addresses:** Correia JDG, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Rossendorf Inc, Forschungszentrum Rossendorf EV, Inst Bioinorgan & Radiopharmaceut Chem, D-01314 Dresden, Germany

**Times Cited:** 1

**Source item page count:** 6

**IDS No.:** 458AB

**29-char source abbrev:** J CHEM SOC DALTON TRANS

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**Record 56 of 500**

**Author(s):** Coronado E; Galan-Mascaros JR; Gomez-Garcia CJ; Martinez-Agudo JM; Martinez-Ferrero E; Waerenborgh JC; Almeida M

**Title:** Layered molecule-based magnets formed by decamethylmetallocenium cations and two-dimensional bimetallic complexes [M(II)Ru(III)(ox)(3)](-)(M(II) = Mn, Fe, Co, Cu and Zn; ox = oxalate)

**Source:** JOURNAL OF SOLID STATE CHEMISTRY 2001, Vol 159, Iss 2, pp 391-402

**ISSN/ISBN:** 0022-4596  
**Addresses:** Coronado E, Univ Valencia, Inst Ciencia Mol, Doctor Moliner 50, E-46100 Burjassot, Spain  
Univ Valencia, Inst Ciencia Mol, E-46100 Burjassot, Spain  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 12  
**Publication Date:** JUL  
**IDS No.:** 455FW  
**29-char source abbrev:** J SOLID STATE CHEM

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**Record 57 of 500**

**Author(s):** Pereira S; Correia MR; Monteiro T; Pereira E; Soares MR; Alves E  
**Title:** Indium content determination related with structural and optical properties of InGaN layers  
**Source:** JOURNAL OF CRYSTAL GROWTH 2001, Vol 230, Iss 3-4, pp 448-453  
**ISSN/ISBN:** 0022-0248  
**Addresses:** Pereira S, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, LCA, P-3810193 Aveiro, Portugal  
ITN, Dept Fis, EN10, P-2686935 Sacavem, Portugal  
Univ Strathclyde, Dept Phys & Appl Phys, Glasgow G4 ONG, Lanark, Scotland  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** SEP  
**IDS No.:** 456PW  
**29-char source abbrev:** J CRYST GROWTH

---

**Record 58 of 500**

**Author(s):** Waerenborgh JC; Salamakha P; Sologub O; Serio S; Godinho M; Goncalves AP; Almeida M  
**Title:** Y-Fe-Al ternary system: partial isothermal section at 1070 K Powder X-ray diffraction and Mossbauer spectroscopy study

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 323, pp 78-82  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
NIRIM, Tsukuba, Ibaraki 3050044, Japan  
Hiroshima Univ, Dept Quantum Matter, Higashihiroshima 7398526, Japan  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** JUL 12  
**IDS No.:** 454HN  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 59 of 500**

**Author(s):** de Matos AP; Freitas M; Marshall AG; Marques N; Carvalho A; Isolani PC; Vicentini G  
**Title:** FT-ICR studies of polypyrazolyl-1-yl borates of europium(II) adducts  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 323, pp 147-149  
**ISSN/ISBN:** 0925-8388  
**Addresses:** de Matos AP, ITN, Dept Quim, Est Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Ohio State Univ, Columbus, OH 43210 USA  
Florida State Univ, Natl High Magnet Field Lab, Tallahassee, FL 32310 USA  
Univ Sao Paulo, Inst Quim, BR-05599970 Sao Paulo, Brazil  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JUL 12  
**IDS No.:** 454HN  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 60 of 500**

**Author(s):** Carretas J; Branco J; Marcalo J; Isolani P; Domingos A; de Matos AP  
**Title:** Synthesis and characterization of polynuclear lanthanide aryloxides  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 323, pp 169-172



**ISSN/ISBN:** 0925-8388  
**Addresses:** Carretas J, ITN, Dept Quim, Est Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Sao Paulo, Inst Quim, BR-05513970 Sao Paulo, Brazil  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JUL 12  
**IDS No.:** 454HN  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 61 of 500**

**Author(s):** Goncalves AP; Kuznietz M; Almeida M  
**Title:** Magnetic features of the (U<sub>0.50</sub>Tm<sub>0.50</sub>)Ni<sub>2</sub>B<sub>2</sub>C solid solution  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 323, pp 477-480  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Almeida M, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JUL 12  
**IDS No.:** 454HN  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 62 of 500**

**Author(s):** Branco JB; Gasche TA; Goncalves AP; de Matos AP  
**Title:** Selective isoprene hydrogenation over LnNi (Ln=Pr, Gd, Tm) intermetallic compounds  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 323, pp 610-613  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Branco JB, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4

**Publication Date:** JUL 12  
**IDS No.:** 454HN  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 63 of 500**

**Author(s):** Noel H; Goncalves AP  
**Title:** Isothermal section at 750 degrees C of the U-Fe-Sn ternary system  
**Source:** INTERMETALLICS 2001, Vol 9, Iss 6, pp 473-479  
**ISSN/ISBN:** 0966-9795  
**Addresses:** Goncalves AP, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Rennes 1, CNRS, UMR 6511, Chim Solide & Inorgan Mol Lab, F-35042 Rennes, France  
**Times Cited:** 0  
**Source item page count:** 7  
**Publication Date:** JUN  
**IDS No.:** 453HP  
**29-char source abbrev:** INTERMETALLICS

---

**Record 64 of 500**

**Author(s):** Alves E; Sequeira AD; Franco N; da Silva MF; Soares JC; Sobolev NA; Carmo MC  
**Title:** Coherent amorphization of Ge/Si multilayers with ion beams  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 178, pp 279-282  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves E, Inst Tecnol & Nucl, Dept Fis, EN10, P-26286953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-26286953 Sacavem, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
**Times Cited:** 0  
**Source item page count:** 4

**Publication Date:** MAY  
**IDS No.:** 444MR  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 65 of 500**

**Author(s):** Ramos AR; Paszti F; Kotai E; Vazsonyi E; Conde O; da Silva MR; da Silva MF; Soares JC  
**Title:** Synthesis of cobalt silicide on porous silicon by high dose ion implantation  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 178, pp 283-286  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Ramos AR, Inst Tecnol & Nucl, Estr Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, FCUL, Dept Fis, P-1749003 Lisbon, Portugal  
Res Inst Tech Phys & Mat Sci, MTA, H-1525 Budapest, Hungary  
Res Inst Particle & Nucl Phys, KFKI, H-1525 Budapest, Hungary  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAY  
**IDS No.:** 444MR  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 66 of 500**

**Author(s):** Collin J; Giuseppone N; Jaber N; Domingos A; Maria L; Santos I  
**Title:** Iodo bis bistrimethylsilylamido lanthanides  
**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 2001, Vol 628, Iss 2, pp 271-274  
**ISSN/ISBN:** 0022-328X  
**Addresses:** Collin J, Univ Paris 11, ICMO, UPRESA 8075, Lab Catalyse Mol, F-91405 Orsay, France  
Univ Paris 11, ICMO, UPRESA 8075, Lab Catalyse Mol, F-91405 Orsay, France  
ITN, Dept Quim, P-2688 Sacavem, Portugal

**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAY 26  
**IDS No.:** 444QY  
**29-char source abbrev:** J ORGANOMET CHEM

---

**Record 67 of 500**

**Author(s):** Charas A; Morgado J; Martinho JMG; Alcacer L; Cacialli F  
**Title:** Electrochemical and luminescent properties of poly(fluorene) derivatives for optoelectronic applications  
**Source:** CHEMICAL COMMUNICATIONS 2001, Iss 13, pp 1216-1217  
**ISSN/ISBN:** 1359-7345  
**Addresses:** Morgado J, Inst Super Tecn, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Coll London, Dept Phys & Astron, London WC1E 6BT, England  
**Times Cited:** 0  
**Source item page count:** 2  
**IDS No.:** 444YH  
**29-char source abbrev:** CHEM COMMUN

---

**Record 68 of 500**

**Author(s):** Barradas NP; Vieira A; Alves E  
**Title:** Artificial neural network analysis of RBS data of Er-implanted sapphire  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 175, pp 108-112  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Barradas NP, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Inst Super Engn Porto, Porto, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5

**Publication Date:** APR  
**IDS No.:** 444FH  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 69 of 500**

**Author(s):** Alves E; Liu C; Waerenborgh JC; da Silva MF; Soares JC  
**Title:** Study of Fe+ implanted GaN  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2001, Vol 175, pp 241-245  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves E, Inst Tecnol & Nucl, Dept Fis, Estrada Nac 10, P-2686953 Sacavem,  
Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** APR  
**IDS No.:** 444FH  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 70 of 500**

**Author(s):** Kling A; da Silva MF; Soares JC; Fichtner PFP; Amaral L; Zawislak F;  
Foldvari I; Peter A  
**Title:** Formation of nanoclusters in Au-implanted bismuth tellurite  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2001, Vol 175, pp 331-334  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Kling A, Inst Technol & Nucl, Estrada Nacl 10, P-2686953 Sacavem,  
Portugal  
Inst Technol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisboa, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Fed Rio Grande Sul, Inst Fis, BR-91501970 Porto Alegre, RS, Brazil  
Hungarian Acad Sci, Crystal Phys Res Lab, H-1525 Budapest 114, Hungary

**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** APR  
**IDS No.:** 444FH  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 71 of 500**

**Author(s):** Kling A; da Silva MF; Soares JC; Fichtner PFP; Amaral L; Zawislak F  
**Title:** Defect evolution and characterization in He-implanted LiNbO<sub>3</sub>  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2001, Vol 175, pp 394-397  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Kling A, Inst Tecnol & Nucl, Estrada Nacl 10, P-02686953 Sacavem,  
Portugal  
Inst Tecnol & Nucl, P-02686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Fed Rio Grande Sul, Inst Fis, BR-91501970 Porto Alegre, RS, Brazil  
**Times Cited:** 2  
**Source item page count:** 4  
**Publication Date:** APR  
**IDS No.:** 444FH  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 72 of 500**

**Author(s):** Marques C; Cruz MM; da Silva RC; Alves E  
**Title:** Study of new surface structures created on sapphire by Co ion implantation  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2001, Vol 175, pp 500-504  
**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Dept Fis, Inst Technol & Nucl, Estrada Nac 10, P-2686953  
Sacavem, Portugal  
Dept Fis, Inst Technol & Nucl, P-2686953 Sacavem, Portugal  
FCUL, CCMM, Dept Fis, P-1749016 Lisbon, Portugal  
CFNUL, P-1649003 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** APR

**IDS No.:** 444FH

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 73 of 500**

**Author(s):** Vasco E; Vazquez L; Zaldo C; Coya C; Kling A; Soares JC

**Title:** Integration of piezoelectric (Pb, La)TiO<sub>3</sub> on (100)InP by using a CeO<sub>2</sub> buffer layer

**Source:** JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B 2001, Vol 19, Iss 3, pp 812-817

**ISSN/ISBN:** 1071-1023

**Addresses:** Vasco E, CSIC, Inst Ciencia Mat, Madrid 28049, Spain  
CSIC, Inst Ciencia Mat, Madrid 28049, Spain  
Univ Rey Juan Carlos, Escuela Super Ciencias Expt & Tecnol, Madrid 28933, Spain  
Inst Technol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** MAY-JUN

**IDS No.:** 443WY

**29-char source abbrev:** J VAC SCI TECHNOL B

---

**Record 74 of 500**

**Author(s):** Liu C; Alves E; Sequeira AD; Franco N; da Silva MF; Soares JC

**Title:** Fe ion implantation in GaN: Damage, annealing, and lattice site location

**Source:** JOURNAL OF APPLIED PHYSICS 2001, Vol 90, Iss 1, pp 81-86

**ISSN/ISBN:** 0021-8979

**Addresses:** Alves E, Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisboa, CFN, P-1649003 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** JUL 1

**IDS No.:** 443UY

**29-char source abbrev:** J APPL PHYS

---

**Record 75 of 500**

**Author(s):** Carvalho ML; Casaca C; Marques JP; Pinheiro T; Cunha AS

**Title:** Human teeth elemental profiles measured by synchrotron x-ray fluorescence: dietary habits and environmental influence

**Source:** X-RAY SPECTROMETRY 2001, Vol 30, Iss 3, pp 190-193

**ISSN/ISBN:** 0049-8246

**Addresses:** Carvalho ML, Univ Lisbon, Ctr Fis Atom, Av Prof Gama Pinto 2, P-1649003  
Lisbon, Portugal  
Univ Lisbon, Ctr Fis Atom, P-1649003 Lisbon, Portugal  
Univ Lisbon, Fac Med Dent, P-1700 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685953 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** MAY-JUN

**IDS No.:** 440VG

**29-char source abbrev:** X-RAY SPECTROM

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**Record 76 of 500**

**Author(s):** Monteiro T; Soares J; Correia MR; Alves E

**Title:** Green, red and infrared Er-related emission in implanted GaN : Er and GaN : Er,O samples

**Source:** JOURNAL OF APPLIED PHYSICS 2001, Vol 89, Iss 11, pp 6183-6188

**ISSN/ISBN:** 0021-8979



**Addresses:** Monteiro T, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** JUN 1

**Part number:** 1

**IDS No.:** 440AC

**29-char source abbrev:** J APPL PHYS

---

**Record 77 of 500**

**Author(s):** Cardoso S; Freitas PP; Zhang ZG; Wei P; Barradas N; Soares JC

**Title:** Electrode roughness and interfacial mixing effects on the tunnel junction thermal stability

**Source:** JOURNAL OF APPLIED PHYSICS 2001, Vol 89, Iss 11, pp 6650-6652

**ISSN/ISBN:** 0021-8979

**Addresses:** Cardoso S, Inst Engn Sistemas & Comp, Rua Alves Redol 9-1, P-1000  
Lisbon, Portugal  
Inst Engn Sistemas & Comp, P-1000 Lisbon, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 3

**Publication Date:** JUN 1

**Part number:** 2

**IDS No.:** 440AV

**29-char source abbrev:** J APPL PHYS

---

**Record 78 of 500**

**Author(s):** Zhang ZZ; Cardoso S; Freitas PP; Batlle X; Wei P; Barradas N; Soares JC

**Title:** 40% tunneling magnetoresistance after anneal at 380 degrees C for tunnel junctions with iron-oxide interface layers

**Source:** JOURNAL OF APPLIED PHYSICS 2001, Vol 89, Iss 11, pp 6665-6667

**ISSN/ISBN:** 0021-8979  
**Addresses:** Zhang ZZ, Inst Engn Sistemas & Computadores, R Alves Redol 9, P-1000  
Lisbon, Portugal  
Inst Engn Sistemas & Computadores, P-1000 Lisbon, Portugal  
Inst Super Tecn, Dept Fis, P-1096 Lisbon, Portugal  
Univ Barcelona, Dept Fis Fonamental, E-08028 Barcelona, Spain  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** JUN 1  
**Part number:** 2  
**IDS No.:** 440AV  
**29-char source abbrev:** J APPL PHYS

---

**Record 79 of 500**

**Author(s):** Wang JG; Cardoso S; Freitas PP; Wei P; Barradas NP; Soares JC  
**Title:** Tunnel junctions with AlN barriers and FeTaN electrodes  
**Source:** JOURNAL OF APPLIED PHYSICS 2001, Vol 89, Iss 11, pp 6868-6870  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Wang JG, Inst Engn Sistemas & Computadores, R Alves Redol 9-1, P-  
100029 Lisbon, Portugal  
Inst Engn Sistemas & Computadores, P-100029 Lisbon, Portugal  
Inst Super Tecn, Dept Phys, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, Sacavem, Portugal  
Univ Lisboa, Ctr Fis Nucl, P-1000 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** JUN 1  
**Part number:** 2  
**IDS No.:** 440AV  
**29-char source abbrev:** J APPL PHYS

---

**Record 80 of 500**

**Author(s):** Leal JP; Cachata V; Carvalho A  
**Title:** Standard enthalpies of formation of Li, Na, K and Tl cyclopentadienyls  
**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2001, Iss 6, pp 1587-1591  
**ISSN/ISBN:** 1434-1948  
**Addresses:** Leal JP, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** JUN  
**IDS No.:** 440RQ  
**29-char source abbrev:** EUR J INORG CHEM

---

**Record 81 of 500**

**Author(s):** Belo D; Alves H; Lopes EB; Gama V; Henriques RT; Duarte MT; Almeida M; Perez-Benitez A; Rovira C; Veciana J  
**Title:** New dithiothiophene complexes for conducting and magnetic materials  
**Source:** SYNTHETIC METALS 2001, Vol 120, Iss 1-3, pp 699-702  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Henriques RT, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal  
CSIC, Inst Ciencia Mat Barcelona, E-08193 Barcelona, Spain  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAR 15  
**IDS No.:** 435NL  
**29-char source abbrev:** SYNTHET METAL

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**Record 82 of 500**

**Author(s):** Rovira C; LeMoustarder S; Belo D; Veciana J; Almeida M; Gama V; Duarte MT

**Title:** BET-TTF (bisethylenethio-tetrathiafulvalene) donor as a building block of organic metals  
**Source:** SYNTHETIC METALS 2001, Vol 120, Iss 1-3, pp 717-718  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Rovira C, CSIC, Inst Ciencia Mat Barcelona, Campus Univ Bellaterra, Cerdanyola 08193, Spain  
CSIC, Inst Ciencia Mat Barcelona, Cerdanyola 08193, Spain  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** MAR 15  
**IDS No.:** 435NL  
**29-char source abbrev:** SYNTHET METAL

---

**Record 83 of 500**

**Author(s):** Alves H; Simao D; Lopes EB; Belo D; Gama V; Duarte MT; Novais H; Henriques RT; Almeida M  
**Title:** Structure and physical properties of (n-Bu<sub>4</sub>N)(2) [Au(dcbdt)(2)](5)  
**Source:** SYNTHETIC METALS 2001, Vol 120, Iss 1-3, pp 1011-1012  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Alves H, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** MAR 15  
**IDS No.:** 435NL  
**29-char source abbrev:** SYNTHET METAL

---

**Record 84 of 500**

**Author(s):** Rabaca S; Meira R; Soares J; Duarte MT; Gama V  
**Title:** Structural and magnetic characterization of [Fe(Cp\*)(2)]DR-DCNQI, R=Me and Ph

**Source:** SYNTHETIC METALS 2001, Vol 121, Iss 1-3, pp 1828-1829  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Gama V, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dep Engn Quim, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** MAR 15  
**IDS No.:** 434TD  
**29-char source abbrev:** SYNTHET METAL

---

**Record 85 of 500**

**Author(s):** Charas A; Barbagallo N; Morgado J; Alcacer L  
**Title:** Synthesis and optical properties of poly(fluorene)-based alternating copolymers  
**Source:** SYNTHETIC METALS 2001, Vol 122, Iss 1, pp 23-25  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Morgado J, Inst Super Tecn, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2686 Sacevem, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** MAY 1  
**IDS No.:** 434TF  
**29-char source abbrev:** SYNTHET METAL

---

**Record 86 of 500**

**Author(s):** Wahl U; Vantomme A; Langouche G; Correia JG; Peralta L  
**Title:** Direct evidence for implanted Fe on substitutional Ga sites in GaN  
**Source:** APPLIED PHYSICS LETTERS 2001, Vol 78, Iss 21, pp 3217-3219  
**ISSN/ISBN:** 0003-6951

**Addresses:** Wahl U, Univ Louvain, Inst Kern & Stralingsfys, Celestijnenlaan 200 D, B-3001 Louvain, Belgium  
Univ Louvain, Inst Kern & Stralingsfys, B-3001 Louvain, Belgium  
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CERN, EP, CH-1211 Geneva, Switzerland  
LIP, P-1000149 Lisbon, Portugal  
FCUL, P-1000149 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY 21

**IDS No.:** 432XN

**29-char source abbrev:** APPL PHYS LETT

---

**Record 87 of 500**

**Author(s):** Alves E; Monteiro T; Soares J; Santos L; da Silva MF; Soares JC; Lojkowski W; Kolesnikov D; Vianden R; Correia JG

**Title:** High temperature annealing of Er implanted GaN

**Source:** MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE  
MATERIALS FOR ADVANCED TECHNOLOGY 2001, Vol 81, Iss 1-3, pp 132-135

**ISSN/ISBN:** 0921-5107

**Addresses:** Alves E, Inst Tecnol & Nucl, EN10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
High Pressure Res Ctr, PL-01142 Warsaw, Poland  
Univ Bonn, ISKP, D-53115 Bonn, Germany  
CERN, CH-1211 Geneva 23, Switzerland

**Times Cited:** 2

**Source item page count:** 4

**Publication Date:** APR 24

**IDS No.:** 427EX

**29-char source abbrev:** MATER SCI ENG B-SOLID STATE M

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**Record 88 of 500**

**Author(s):** Correia JDG; Domingos A; Santos I; Bolzati C; Refosco F; Tisato F

**Title:** Synthesis and structural analysis of mono-ore Re(V) complexes with phosphino-carboxylato ligands

**Source:** INORGANICA CHIMICA ACTA 2001, Vol 315, Iss 2, pp 213-219

**ISSN/ISBN:** 0020-1693

**Addresses:** Santos I, Inst Technol Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Codex, Portugal  
Inst Technol Nucl, Dept Quim, P-2686953 Sacavem, Codex, Portugal  
Univ Ferrara, Dipartimento Med Clin & Sperimentale, Nucl Med Lab, I-44100 Ferrara, Italy  
CNR, INTIMA, I-35127 Padua, Italy

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** APR 27

**IDS No.:** 426XB

**29-char source abbrev:** INORG CHIM ACTA

---

**Record 89 of 500**

**Author(s):** Zhang ZZ; Cardoso S; Freitas PP; Wei P; Barradas N; Soares JC

**Title:** Annealing effect of magnetic tunnel junctions with one FeOx layer inserted at the Al<sub>2</sub>O<sub>3</sub>/CoFe interface

**Source:** APPLIED PHYSICS LETTERS 2001, Vol 78, Iss 19, pp 2911-2913

**ISSN/ISBN:** 0003-6951

**Addresses:** Zhang ZZ, INESC, R Alves Redol 9-1, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal  
ITN, EN10, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY 7

**IDS No.:** 427ZX

**29-char source abbrev:** APPL PHYS LETT

---

**Record 90 of 500**

**Author(s):** Bizarro JPS; Rodrigues P  
**Title:** Numerical Fokker-Planck calculations in nonuniform grids  
**Source:** PHYSICS OF PLASMAS 2001, Vol 8, Iss 5, pp 1903-1909  
**ISSN/ISBN:** 1070-664X  
**Addresses:** Bizarro JPS, Inst Super Tecn, Ctr Fus Nucl, EURATOM Assoc, P-1049001  
Lisbon, Portugal  
Inst Super Tecn, Ctr Fus Nucl, EURATOM Assoc, P-1049001 Lisbon,  
Portugal  
**Times Cited:** 0  
**Source item page count:** 7  
**Publication Date:** MAY  
**Part number:** 2  
**IDS No.:** 423QP  
**29-char source abbrev:** PHYS PLASMAS

---

**Record 91 of 500**

**Author(s):** Waerenborgh JC; Salamakha P; Sologub O; Goncalves AP; Serio S; Godinho M; Almeida M  
**Title:** Fe-57 Mossbauer spectroscopy study of the AFe(x)Al(12-x) intermetallics (A=Y, Tm, Lu and U,  $4 \leq x \leq 4.3$ )  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 317, pp 44-51  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 8  
**Publication Date:** APR 12  
**IDS No.:** 423CE  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 92 of 500**



**Author(s):** Serio S; Waerenborgh JC; Goncalves AP; Almeida M; Fruchart D; Miraglia S; Godinho M

**Title:** Effect of interstitial hydrogen on UFexAl12-x

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 317, pp 88-91

**ISSN/ISBN:** 0925-8388

**Addresses:** Serio S, Univ Lisbon, Fac Ciencias, Dept Fis, Campo Grande Ed C1, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Savavem, Portugal  
CNRS, Cristallog Lab, F-38042 Grenoble, France

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** APR 12

**IDS No.:** 423CE

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 93 of 500**

**Author(s):** Pereira LCJ; Waerenborgh JC; Catarino I; Bonfait G; Godinho M; Almeida M

**Title:** The effect of Th substitution for U in the heavy fermion U2Pt2In

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 317, pp 419-422

**ISSN/ISBN:** 0925-8388

**Addresses:** Pereira LCJ, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825114 Monte De Caparica, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700016 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** APR 12

**IDS No.:** 423CE

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 94 of 500**

**Author(s):** Halevy I; Sterer E; Aizenshtein M; Kimmel G; Regev D; Yahel E; Pereira LCJ; Goncalves AP

**Title:** High pressure studies of a new ternary actinide compound, UV2Al2O

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2001, Vol 319, Iss 1-2, pp 19-21

**ISSN/ISBN:** 0925-8388

**Addresses:** Halevy I, Nucl Res Ctr Negev, Dept Phys, POB 9001, IL-84190 Beer Sheva, Israel  
Nucl Res Ctr Negev, Dept Phys, IL-84190 Beer Sheva, Israel  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 3

**Publication Date:** APR 26

**IDS No.:** 423YG

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 95 of 500**

**Author(s):** Pereira S; Correia MR; Monteiro T; Pereira E; Alves E; Sequeira AD; Franco N

**Title:** Compositional dependence of the strain-free optical band gap in In<sub>x</sub>Ga<sub>1-x</sub>N layers

**Source:** APPLIED PHYSICS LETTERS 2001, Vol 78, Iss 15, pp 2137-2139

**ISSN/ISBN:** 0003-6951

**Addresses:** Pereira S, Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810193 Aveiro, Portugal  
Univ Strathclyde, Dept Phys, Glasgow G4 0NG, Lanark, Scotland  
ITN, Dept Fis, P-2686935 Sacavem, Portugal

**Times Cited:** 7

**Source item page count:** 3

**Publication Date:** APR 9

**IDS No.:** 418GA

**29-char source abbrev:** APPL PHYS LETT

---

### Record 96 of 500

**Author(s):** Pinhao NR  
**Title:** PLASMAKIN: A chemical kinetics library for plasma physics modeling  
**Source:** COMPUTER PHYSICS COMMUNICATIONS 2001, Vol 135, Iss 1, pp 105-131  
**ISSN/ISBN:** 0010-4655  
**Addresses:** Pinhao NR, Inst Tecnol & Nucl, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 27  
**Publication Date:** MAR 15  
**IDS No.:** 415VN  
**29-char source abbrev:** COMPUT PHYS COMMUN

---

### Record 97 of 500

**Author(s):** Vasco E; Bohme O; Roman E; Zaldo C  
**Title:** Composition profile of PLT films on YSZ-buffered (100)InP  
**Source:** CHEMISTRY OF MATERIALS 2001, Vol 13, Iss 3, pp 1061-1067  
**ISSN/ISBN:** 0897-4756  
**Addresses:** Vasco E, Consejo Super Invest Cient, Inst Ciencia Mat Madrid, Madrid 28049, Spain  
Consejo Super Invest Cient, Inst Ciencia Mat Madrid, Madrid 28049, Spain  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 7  
**Publication Date:** MAR  
**IDS No.:** 414BN  
**29-char source abbrev:** CHEM MATER

---

### Record 98 of 500

**Author(s):** Vieira A; Barradas NP

**Title:** Composition of NiTaC films on Si using neural networks analysis of elastic backscattering data

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2001, Vol 174, Iss 3, pp 367-372

**ISSN/ISBN:** 0168-583X

**Addresses:** Barradas NP, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Inst Super Engn Porto, P-4200 Oporto, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** APR

**IDS No.:** 411UA

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 99 of 500**

**Author(s):** Nhan DD; Carvalho FP; Am NM; Tuan NQ; Yen NTH; Villeneuve JP; Cattini C

**Title:** Chlorinated pesticides and PCBs in sediments and molluscs from freshwater canals in the Hanoi region

**Source:** ENVIRONMENTAL POLLUTION 2001, Vol 112, Iss 3, pp 311-320

**ISSN/ISBN:** 0269-7491

**Addresses:** Carvalho FP, Nucl & Technol Inst, EN 10, P-2686953 Sacavem, Portugal  
Nucl & Technol Inst, P-2686953 Sacavem, Portugal  
Vietnam Standardizat Author, Hanoi, Vietnam  
Int Atom Energy Agcy, Marine Environm Lab, MC-98012 Monaco, Monaco  
Inst Nucl Sci & Tech, Hanoi, Vietnam

**Times Cited:** 0

**Source item page count:** 10

**IDS No.:** 413QC

**29-char source abbrev:** ENVIRON POLLUT

---

**Record 100 of 500**

**Author(s):** Amartey JK; Al-Jammaz I; Lambrecht RM  
**Title:** An efficient batch preparation of high specific activity [I-123] and [I-124] mIBG  
**Source:** APPLIED RADIATION AND ISOTOPES 2001, Vol 54, Iss 5, pp 711-714  
**ISSN/ISBN:** 0969-8043  
**Addresses:** Amartey JK, King Faisal Specialist Hosp & Res Ctr, Radionuclide & Cyclotron Operat Dept MBC03, POB 3354, Riyadh 11211, Saudi Arabia  
King Faisal Specialist Hosp & Res Ctr, Radionuclide & Cyclotron Operat Dept MBC03, Riyadh 11211, Saudi Arabia  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAY  
**IDS No.:** 413KM  
**29-char source abbrev:** APPL RADIAT ISOTOPES

---

**Record 101 of 500**

**Author(s):** Lopes I; Hillier AC; Liu SY; Domingos A; Ascenso J; Galvao A; Sella A; Marques N  
**Title:** Solid-state structure and solution behavior of eight-coordinate Sm(III) poly(pyrazolyl)-borate compounds  
**Source:** INORGANIC CHEMISTRY 2001, Vol 40, Iss 6, pp 1116-1125  
**ISSN/ISBN:** 0020-1669  
**Addresses:** Sella A, ITN, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ London Univ Coll, Christopher Ingold Labs, Dept Chem, London WC1H OAJ, England  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 10  
**Publication Date:** MAR 12  
**IDS No.:** 409PT  
**29-char source abbrev:** INORG CHEM

---

## Record 102 of 500

**Author(s):** Madruga MJ; Brogueira A; Alberto G; Cardoso F  
**Title:** Ra-226 bioavailability to plants at the Urgeirica uranium mill tailings site  
**Source:** JOURNAL OF ENVIRONMENTAL RADIOACTIVITY 2001, Vol 54, Iss 1, pp 175-188  
**ISSN/ISBN:** 0265-931X  
**Addresses:** Madruga MJ, ITN, Dept Radiat Protect & Nucl Safety, EN10, Apartado 21, P-2686953 Sacavem, Portugal  
ITN, Dept Radiat Protect & Nucl Safety, P-2686953 Sacavem, Portugal  
Directorate Gen Environm, P-2720 Amadora, Portugal  
**Times Cited:** 0  
**Source item page count:** 14  
**IDS No.:** 403MG  
**29-char source abbrev:** J ENVIRON RADIOACT

---

## Record 103 of 500

**Author(s):** Correia JG; Araujo JP; Marques JG; Ramos AR; Lourenco AA; Amaral V; Galindo V; Senateur JP; Weiss F; Wahl U; Melo AA; Soares JC; Sousa JB  
**Title:** Electron-gamma perturbed angular correlation studies on high-T-C superconductors  
**Source:** HYPERFINE INTERACTIONS 2000, Vol 129, Iss 1-4, pp 461-473  
**ISSN/ISBN:** 0304-3843  
**Addresses:** Correia JG, Univ Lisbon, CFN, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, CFN, P-1699 Lisbon, Portugal  
CERN, EP SC Div, CH-1211 Geneva, Switzerland  
Univ Porto, IFIMUP, P-4150 Porto, Portugal  
ITN, Sacavem, Portugal  
Univ Aveiro, Dept Phys, P-3800 Aveiro, Portugal  
Ecole Natl Super Electrochim & Electrome Grenoble, Inst Natl Polytech Grenoble, CNRS, UMR 5628, F-38402 St Martin Dheres, France  
Univ Louvain, IKS, B-3001 Heverlee, Belgium  
**Times Cited:** 0  
**Source item page count:** 13  
**IDS No.:** 403RG  
**29-char source abbrev:** HYPERFINE INTERACTIONS

## Record 104 of 500

**Author(s):** Catarino I; Bonfait G

**Title:** A simple calorimeter for fast adiabatic heat capacity measurements from 15 to 300 K based on closed cycle cryocooler

**Source:** CRYOGENICS 2000, Vol 40, Iss 7, pp 425-430

**ISSN/ISBN:** 0011-2275

**Addresses:** Bonfait G, ITN, Dept Quim, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825114 Monte De Caparica, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** JUL

**IDS No.:** 403AA

**29-char source abbrev:** CRYOGENICS

---

## Record 105 of 500

**Author(s):** Vieira A; Barradas NP; Jeynes C

**Title:** Error performance analysis of artificial neural networks applied to Rutherford backscattering

**Source:** SURFACE AND INTERFACE ANALYSIS 2001, Vol 31, Iss 1, pp 35-38

**ISSN/ISBN:** 0142-2421

**Addresses:** Barradas NP, Inst Tecnol & Nucl Reactor, EN 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl Reactor, P-2686953 Sacavem, Portugal  
Univ Lusofona, Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Univ Surrey, Ion Beam Ctr, Guildford GU2 5XH, Surrey, England

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** JAN

**IDS No.:** 399CD

**29-char source abbrev:** SURF INTERFACE ANAL

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**Record 106 of 500**

**Author(s):** Paixao JA; Silva MR; Waerenborgh JC; Goncalves AP; Lander GH; Brown PJ; Godinho M; Burlet P

**Title:** Magnetic structures of  $MFe_4+\delta Al_8-\delta$  ( $M = Lu, Y$ )

**Source:** 2001, Vol 6305, Iss 5, art. no. 054410

**ISSN/ISBN:** 0163-1829

**Addresses:** Paixao JA, Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3004516 Coimbra, Portugal  
 Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3004516 Coimbra, Portugal  
 Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
 Commiss European Communities, Joint Res Ctr, Inst Transuranium Elements, D-76125 Karlsruhe, Germany  
 Inst Max Von Laue Paul Langevin, F-38054 Grenoble, France  
 Univ Lisbon, Fac Ciencia, Dept Fis, P-1749016 Lisbon, Portugal  
 Commissariat Energie Atom Grenoble, Dept Rech Fondamentale Mat Comdensee, F-38054 Grenoble, France

**Times Cited:** 0

**Source item page count:** 12

**Publication Date:** FEB 1

**IDS No.:** 399PB

**29-char source abbrev:** PHYS REV B

**Record 107 of 500**

**Author(s):** Misheva M; Djourelou N; Margaca FMA; Salvado IMM

**Title:** Positronium study of porous structure of sol-gel prepared  $SiO_2$ : influence of pH

**Source:** JOURNAL OF NON-CRYSTALLINE SOLIDS 2001, Vol 279, Iss 2-3, pp 196-203

**ISSN/ISBN:** 0022-3093

**Addresses:** Djourelou N, BAS, INRNE, 72 Tzarigradsko Shoosse Blvd, Sofia 1784, Bulgaria  
 BAS, INRNE, Sofia 1784, Bulgaria  
 Univ Sofia, Fac Phys, BU-1126 Sofia, Bulgaria  
 ITN, Dept Phys, P-2685 Sacavem, Portugal  
 Univ Aveiro, UIMC, Glass & Ceram Engn Dept, P-3810 Aveiro, Portugal



**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** FEB  
**IDS No.:** 399MU  
**29-char source abbrev:** J NON-CRYST SOLIDS

---

**Record 108 of 500**

**Author(s):** Belo D; Alves H; Lopes EB; Duarte MT; Gama V; Henriques RT; Almeida M; Perez-Benitez A; Rovira C; Veciana J  
**Title:** Gold complexes with dithiothiophene ligands: A metal based on a neutral molecule  
**Source:** CHEMISTRY-A EUROPEAN JOURNAL 2001, Vol 7, Iss 2, pp 511-519  
**ISSN/ISBN:** 0947-6539  
**Addresses:** Almeida M, Inst Tecnol & Nucl Sacavem, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl Sacavem, P-2686953 Sacavem, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
CSIC, Inst Ciencia Mat Barcelona, Cerdanyola 08193, Spain  
**Times Cited:** 4  
**Source item page count:** 9  
**Publication Date:** JAN 19  
**IDS No.:** 398NF  
**29-char source abbrev:** CHEM-EUR J

---

**Record 109 of 500**

**Author(s):** Ribeiro TT; Serra F; Conway GD; Manso ME; Ryter F; Cupido L; Kurzan B; Silva A; Suttrop W; Vergamota S  
**Title:** Microwave reflectometry for turbulence studies on ASDEX Upgrade  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 2, pp 1366-1371  
**ISSN/ISBN:** 0034-6748

**Addresses:** Ribeiro TT, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, Ave Rovisco Pais 1, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1049001 Lisbon, Portugal  
Max Planck Inst Plasmaphys, D-85748 Garching, Germany  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1049061 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** FEB

**IDS No.:** 397JA

**29-char source abbrev:** REV SCI INSTR

---

**Record 110 of 500**

**Author(s):** Redondo LM; Margato E; Silva JF

**Title:** A new method to build a high-voltage pulse supply using only semiconductor switches for plasma-immersion ion implantation

**Source:** SURFACE & COATINGS TECHNOLOGY 2001, Vol 136, Iss 1-3, pp 51-54

**ISSN/ISBN:** 0257-8972

**Addresses:** Redondo LM, Inst Super Engn Lisboa, Av Conselheiro Emidio Navarro 1, P-1949014 Lisbon, Portugal  
Inst Super Engn Lisboa, P-1949014 Lisbon, Portugal  
Inst Tecnol & Nucl, CFNUL, Sacavem, Portugal  
Univ Tecn Lisbon, IST, CAULT, P-1100 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** FEB 2

**IDS No.:** 393JF

**29-char source abbrev:** SURF COAT TECH

---

**Record 111 of 500**

**Author(s):** Bondarenko IS; Chmyga AA; Dreval NB; Khrebtov SM; Komarov AD; Kozachok AS; Krupnik LI; Melnikov AV; Yudina OA; Coelho P; Cunha M; Goncalves B; Malaquias A; Nedzelskiy IS; Varandas CFA; Hidalgo C; Garcia-Cortes I

**Title:** Installation of the advanced heavy ion beam probing diagnostic on the TJ-II stellarator

**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 2000, Vol 50, Iss 12, pp 1397-1412

**ISSN/ISBN:** 0011-4626

**Addresses:** Bondarenko IS, NSC KIPT, Inst Plasma Phys, UA-61108 Kharkov, Ukraine  
NSC KIPT, Inst Plasma Phys, UA-61108 Kharkov, Ukraine  
RNC Kurchatov Inst, Inst Nucl Fus, Moscow 123182, Russia  
EURATOM Assoc, IST, Ctr Fusao Nucl, Inst Super Tecn, P-1049001 Lisbon, Portugal  
EURATOM Assoc, CIEMAT, Madrid 28040, Spain

**Times Cited:** 0

**Source item page count:** 16

**Publication Date:** DEC

**IDS No.:** 393CG

**29-char source abbrev:** CZECH J PHYS

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**Record 112 of 500**

**Author(s):** Silva MCME; Patricio L; Gano L; Melo MLSE; Inohae E; Mataka S; Thiemann T

**Title:** Synthesis and biological evaluation of two new radiolabelled estrogens: [I-125](E)-3-methoxy-17 alpha-iodovinylestra-1,3,5(10),6-tetraen-17 beta-ol and [I-125](Z)-3-methoxy-17 alpha-iodovinylestra-1,3,5(10),6-tetraen-17 beta-ol

**Source:** APPLIED RADIATION AND ISOTOPES 2001, Vol 54, Iss 2, pp 227-239

**ISSN/ISBN:** 0969-8043

**Addresses:** Patricio L, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Coimbra, Ctr Estudos Farmaceut, Fac Farm, P-3000 Coimbra, Portugal  
Kyushu Univ, Inst Adv Mat Study, Fukuoka 8168580, Japan  
Kyushu Univ, Grad Sch Engn, Fukuoka 8168580, Japan

**Times Cited:** 2

**Source item page count:** 13

**Publication Date:** FEB

**IDS No.:** 390FJ

**29-char source abbrev:** APPL RADIAT ISOTOPES

**Record 113 of 500**

**Author(s):** Tavares CJ; Rebouta L; Alves E; Cavaleiro A; Goudeau P; Reviere JP; Declémy A

**Title:** A structural and mechanical analysis on PVD-grown (Ti,Al)N/Mo multilayers

**Source:** THIN SOLID FILMS 2000, Vol 377, pp 425-429

**ISSN/ISBN:** 0040-6090

**Addresses:** Tavares CJ, Univ Minho, Dept Fis, P-4800058 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4800058 Guimaraes, Portugal  
ITN, Dept Fis, P-2686953 Sacavem, Portugal  
Univ Coimbra, FCT, ICMES, P-3030 Coimbra, Portugal  
Univ Poitiers, Met Phys Lab, F-86960 Futuroscope, France

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** DEC 1

**IDS No.:** 385VD

**29-char source abbrev:** THIN SOLID FILMS

---

**Record 114 of 500**

**Author(s):** Silva A; Manso M; Vergamota S; Cupido L; Meneses L; Nunes I

**Title:** Performance of the microwave reflectometry diagnostic for density profile measurements on ASDEX Upgrade

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 307-310

**ISSN/ISBN:** 0034-6748

**Addresses:** Silva A, Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, Ave Rovisco Pais 1, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
EURATOM Assoc, MPI Plasmaphys, D-85748 Garching, Germany

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** 387VB

**29-char source abbrev:** REV SCI INSTR

---

**Record 115 of 500**

**Author(s):** da Silva F; Manso M; Silva A  
**Title:** Simulation of reflectometry density changes using a 2D full-wave code  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 311-314  
**ISSN/ISBN:** 0034-6748  
**Addresses:** da Silva F, Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, P-1046001 Lisbon, Portugal  
Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, P-1046001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 387VB  
**29-char source abbrev:** REV SCI INSTR

---

**Record 116 of 500**

**Author(s):** Varela P; Manso M; Vergamota S; Grossmann V; Santos J  
**Title:** Assessment of density profile automatic evaluation from broadband reflectometry data  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 315-318  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Varela P, Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, Av Rovisco Pais 1, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Assoc EURATOM IST Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
Euratom Assoc, Max Planck Inst Plasmaphys, Garching, Germany  
**Times Cited:** 2  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 387VB

**29-char source abbrev:** REV SCI INSTR

---

**Record 117 of 500**

**Author(s):** Nedzelskiy IS; Malaquias A; Cabral JAC; Varandas CAF  
**Title:** Measurements of the plasma potential by HIBP using a TOF method  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 572-574  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Nedzelskiy IS, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM, IST, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM, IST, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 387VB  
**29-char source abbrev:** REV SCI INSTR

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**Record 118 of 500**

**Author(s):** Nedzelskiy IS; Dreval NB; Khrebtov SM; Komarov AD; Kozachok AS; Krupnik LI  
**Title:** Modified biased split detectors for the HIBP electrostatic energy analyzer  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 575-578  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Nedzelskiy IS, Inst Super Tecn, Ctr Fus Nucl, EURATOM Assoc, IST, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fus Nucl, EURATOM Assoc, IST, P-1049001 Lisbon, Portugal  
Kharkov Phys & Technol Inst, Ctr Nat Sci, Inst Plasma Phys, UA-61108 Kharkov, Ukraine  
**Times Cited:** 1  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2

**IDS No.:** 387VB  
**29-char source abbrev:** REV SCI INSTR

---

**Record 119 of 500**

**Author(s):** Bondarenko IS; Chmuga AA; Dreval NB; Khrebtov SM; Komarov AD; Kozachok AS; Krupnik LI; Coelho P; Cunha M; Goncalves B; Malaquias A; Nedzelskiy IS; Varandas CAF; Hidalgo C; Garcia-Cortes I; Melnikov AV

**Title:** Installation of an advanced heavy ion beam diagnostic on the TJ-II stellarator

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 2001, Vol 72, Iss 1, pp 583-585

**ISSN/ISBN:** 0034-6748

**Addresses:** Bondarenko IS, Kharkov Phys & Technol Inst, Ctr Nat Sci, Inst Plasma Phys, UA-61108 Kharkov, Ukraine  
Kharkov Phys & Technol Inst, Ctr Nat Sci, Inst Plasma Phys, UA-61108 Kharkov, Ukraine  
Inst Super Tecn, Ctr Fus Nucl, EURATOM Assoc, IST, P-1049001 Lisbon, Portugal  
EURATOM Assoc, CIEMAT, Madrid 28040, Spain  
Russian Res Ctr, Kurchatov Inst, Inst Nucl Fus, Moscow 123182, Russia

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** 387VB  
**29-char source abbrev:** REV SCI INSTR

---

**Record 120 of 500**

**Author(s):** Rebouta L; Tavares CJ; Aimo R; Wang Z; Pischow K; Alves E; Rojas TC; Odriozola JA

**Title:** Hard nanocomposite Ti-Si-N coatings prepared by DC reactive magnetron sputtering

**Source:** SURFACE & COATINGS TECHNOLOGY 2000, Vol 133, pp 234-239

**ISSN/ISBN:** 0257-8972

**Addresses:** Rebouta L, Univ Minho, Dept Fis, P-4810 Guimaraes, Portugal  
Savcor Coatings Oy, Mikkeli, Finland  
ITN, Dept Fis, P-2686953 Sacavem, Portugal  
CSIC, Inst Ciencia Mat Sevilla, Seville 41092, Spain

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** NOV

**IDS No.:** 383MX

**29-char source abbrev:** SURF COAT TECH

---

**Record 121 of 500**

**Author(s):** Vaz F; Rebouta L; Goudeau P; Pacaud J; Garem H; Riviere JP; Cavaleiro A; Alves E

**Title:** Characterisation of Ti<sub>1-x</sub>Si<sub>x</sub>Ny nanocomposite films

**Source:** SURFACE & COATINGS TECHNOLOGY 2000, Vol 133, pp 307-313

**ISSN/ISBN:** 0257-8972

**Addresses:** Vaz F, Univ Minho, Dept Fis, Campus Azurem, P-4810 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4810 Guimaraes, Portugal  
Univ Poitiers, Met Phys Lab, F-86960 Futuroscope, France  
Univ Coimbra, Fac Ciencias & Tecnol, ICMES, P-3030 Coimbra, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 4

**Source item page count:** 7

**Publication Date:** NOV

**IDS No.:** 383MX

**29-char source abbrev:** SURF COAT TECH

---

**Record 122 of 500**

**Author(s):** Marques JM; Carreira PMM; Aires-Barros L; Graca RC

**Title:** Nature and role of CO<sub>2</sub> in some hot and cold HCO<sub>3</sub>/Na/CO<sub>2</sub>-rich Portuguese mineral waters: a review and reinterpretation

**Source:** ENVIRONMENTAL GEOLOGY 2000, Vol 40, Iss 1-2, pp 53-63

**ISSN/ISBN:** 0943-0105



**Addresses:** Marques JM, Inst Super Tecn, Lab Mineral & Petrol LAMPIST, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Lab Mineral & Petrol LAMPIST, P-1049001 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2686 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 11

**Publication Date:** DEC

**IDS No.:** 386HT

**29-char source abbrev:** ENVIRON GEOL

---

**Record 123 of 500**

**Author(s):** Gil OM; Oliveira NG; Rodrigues AS; Laires A; Ferreira TC; Limbert E; Rueff J

**Title:** No evidence of increased chromosomal aberrations and micronuclei in lymphocytes from nonfamilial thyroid cancer patients prior to radiotherapy

**Source:** CANCER GENETICS AND CYTOGENETICS 2000, Vol 123, Iss 1, pp 55-60

**ISSN/ISBN:** 0165-4608

**Addresses:** Rueff J, New Univ Lisbon, Fac Med Sci, Dept Genet, Rua Junqueira 96, P-1349008 Lisbon, Portugal  
New Univ Lisbon, Fac Med Sci, Dept Genet, P-1349008 Lisbon, Portugal  
Portuguese Oncol Inst Lisbon, Lisbon, Portugal  
New Univ Lisbon, Fac Sci & Technol, P-1349008 Lisbon, Portugal  
Nucl & Technol Inst, Dept Radiol Protect & Nucl Safety, Lisbon, Portugal  
Univ Lisbon, Fac Pharm, P-1699 Lisbon, Portugal  
Univ Lusofona, Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** NOV

**IDS No.:** 384AA

**29-char source abbrev:** CANCER GENET CYTOGENET

---

**Record 124 of 500**

**Author(s):** Correia JG; Araujo JP; Loureiro SM; Toulemonde P; Le Floch S; Bordet P; Capponi JJ; Gatt R; Troger W; Ctortekca B; Butz T; Haas H; Marques JG; Soares JC

**Title:** Local probing of Hg neighborhood in HgBa<sub>2</sub>CuO<sub>4</sub>+delta

**Source:** PHYSICA C 2000, Vol 341, pp 1969-1972

**ISSN/ISBN:** 0921-4534

**Addresses:** Correia JG, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
FCP, Dept Phys, IFIMUP, P-4150 Porto, Portugal  
Princeton Univ, Dept Chem, Princeton, NJ 08544 USA  
CNRS, Cristallog Lab, F-38042 Grenoble 9, France  
Univ Illinois, Phys Dept M C 273, Chicago, IL 60612 USA  
Univ Leipzig, Fak Phys & Geowissensch, D-04103 Leipzig, Germany  
Hahn Meitner Inst Kernforsch Berlin GmbH, Bereich Festkorperphys, D-14109 Berlin, Germany  
CERN, EP SC, CH-1211 Geneva 23, Switzerland

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** NOV

**Part number:** 3

**IDS No.:** 382YX

**29-char source abbrev:** PHYSICA C

---

**Record 125 of 500**

**Author(s):** Paulo A; Domingos A; Garcia R; Santos I

**Title:** Cationic Re(V) oxo complexes with poly(pyrazolyl)borates: Synthesis, characterization, and stability

**Source:** INORGANIC CHEMISTRY 2000, Vol 39, Iss 25, pp 5669-5674

**ISSN/ISBN:** 0020-1669

**Addresses:** Santos I, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** DEC 11

**IDS No.:** 382ZW

**29-char source abbrev:** INORG CHEM

---

**Record 126 of 500**

**Author(s):** Goncalves IF; Martinho E; Salgado J  
**Title:** Monte Carlo calculation of gamma spectra inside a hollow lead cylinder  
**Source:** KERNTECHNIK 2000, Vol 65, Iss 5-6, pp 236-239  
**ISSN/ISBN:** 0932-3902  
**Addresses:** Goncalves IF, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** NOV  
**IDS No.:** 382EB  
**29-char source abbrev:** KERNTECHNIK

---

**Record 127 of 500**

**Author(s):** Silva M; Domingos A; de Matos AP; Marques N; Trofimenko S  
**Title:** Hydrotris(mesitylpyrazol-1-yl)borate uranium(IV) compounds: synthesis, structure, and ligand isomerization  
**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 2000, Iss 24, pp 4628-4634  
**ISSN/ISBN:** 1470-479X  
**Addresses:** Marques N, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Delaware, Newark, DE 19716 USA  
**Times Cited:** 0  
**Source item page count:** 7  
**IDS No.:** 380YL  
**29-char source abbrev:** J CHEM SOC DALTON TRANS

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**Record 128 of 500**

**Author(s):** Goncalves AP; Godinho M; Noel H  
**Title:** Synthesis, crystal structure, and magnetic properties of UFe<sub>5</sub>Sn  
**Source:** JOURNAL OF SOLID STATE CHEMISTRY 2000, Vol 154, Iss 2, pp 551-556  
**ISSN/ISBN:** 0022-4596  
**Addresses:** Goncalves AP, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Univ Rennes 1, UMR CNRS 6511, Lab Chim Solide & Inorgan Mol, F-35042 Rennes, France  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** NOV 1  
**IDS No.:** 378ZW  
**29-char source abbrev:** J SOLID STATE CHEM

---

**Record 129 of 500**

**Author(s):** Correia JG; Araujo JP; Marques JG; Ramos AR; Lourenco AA; Amaral V; Galindo V; Senateur JP; Weiss F; Wahl U; Melo AA; Soares JC; Sousa JB  
**Title:** Electron-gamma perturbed angular correlation studies on high-T-C superconductors  
**Source:** HYPERFINE INTERACTIONS 2000, Vol 129, Iss 1-4, pp 461-473  
**ISSN/ISBN:** 0304-3843  
**Addresses:** Correia JG, Univ Lisbon, CFN, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, CFN, P-1699 Lisbon, Portugal  
CERN, EP SC Div, CH-1211 Geneva, Switzerland  
Univ Porto, IFIMUP, P-4150 Porto, Portugal  
ITN, P-2685 Sacavem, Portugal  
Univ Aveiro, Dept Phys, P-3800 Aveiro, Portugal  
Ecole Natl Super Phys Grenoble, INPG, UMR CNRS 5628, F-38402 St Martin Dheres, France  
Univ Louvain, IKS, B-3001 Louvain, Belgium  
**Times Cited:** 0  
**Source item page count:** 13  
**IDS No.:** 375YJ

**29-char source abbrev:** HYPERFINE INTERACTIONS

---

**Record 130 of 500**

**Author(s):** de Brito FE; Gurova AN; de Castro CAN; Mardolcar UV

**Title:** Dielectric constant and dipole moment of hydrofluorocarbon refrigerant mixtures R404A, R407C, and R507

**Source:** HIGH TEMPERATURES-HIGH PRESSURES 2000, Vol 32, Iss 6, pp 631-651

**ISSN/ISBN:** 0018-1544

**Addresses:** de Brito FE, Inst Super Tecn, Dept Fis, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Dept Fis, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Dept Fis, Ctr Ciencia & Tecnol Mat Nucleo Termofis Mat, P-1049001 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Ctr Ciencias Mol & Mat, P-1749016 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 21

**IDS No.:** 376GQ

**29-char source abbrev:** HIGH TEMP-HIGH PRESS

---

**Record 131 of 500**

**Author(s):** Garcia R; Paulo A; Domingos A; Santos I; Ortner K; Alberto R

**Title:** Re and Tc complexes containing B-H center dot center dot center dot M agostic interactions as building blocks for the design of radiopharmaceuticals

**Source:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 2000, Vol 122, Iss 45, pp 11240-11241

**ISSN/ISBN:** 0002-7863

**Addresses:** Garcia R, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Zurich, Inst Inorgan Chem, CH-8057 Zurich, Switzerland

**Times Cited:** 4

**Source item page count:** 2

**Publication Date:** NOV 15  
**IDS No.:** 374GQ  
**29-char source abbrev:** J AM CHEM SOC

---

**Record 132 of 500**

**Author(s):** Carvalho FP; Villeneuve JP; Cattini C  
**Title:** Determination of organochlorine compounds, petroleum hydrocarbons, and sterols in a sediment sample, IAEA-383. Results of an intercomparison exercise  
**Source:** INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY 1999, Vol 75, Iss 4, pp 315-329  
**ISSN/ISBN:** 0306-7319  
**Addresses:** Carvalho FP, Nucl & Technol Inst, EN 10, P-2686953 Sacavem, Portugal  
Int Atom Energy Agcy, Marine Environm Lab, MC-98012 Monaco, Monaco  
**Times Cited:** 2  
**Source item page count:** 15  
**IDS No.:** 373PU  
**29-char source abbrev:** INT J ENVIRON ANAL CHEM

---

**Record 133 of 500**

**Author(s):** Neves M; Dormehl I; Kilian E; Louw W; Lalaoui K; de Lima JJP  
**Title:** Evaluation in the baboon model of Tc-99m-biguanide as a tracer for renal imaging  
**Source:** NUCLEAR MEDICINE AND BIOLOGY 2000, Vol 27, Iss 6, pp 593-597  
**ISSN/ISBN:** 0969-8051  
**Addresses:** Neves M, Inst Tecnol & Nucl, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Pretoria, Inst Life Sci, ZA-0002 Pretoria, South Africa  
Atom Energy Corp S Africa Ltd, Pelindaba, South Africa  
CNESTEN, Rabat, Morocco  
Serv Biofis, IBILI, Coimbra, Portugal  
**Times Cited:** 0  
**Source item page count:** 5

**Publication Date:** AUG  
**IDS No.:** 370FQ  
**29-char source abbrev:** NUCL MED BIOL

---

**Record 134 of 500**

**Author(s):** Tavares CJ; Rebouta L; Alves EJ  
**Title:** Structure determination of (Ti,Al)N/Mo multilayers  
**Source:** THIN SOLID FILMS 2000, Vol 373, Iss 1-2, pp 287-292  
**ISSN/ISBN:** 0040-6090  
**Addresses:** Tavares CJ, Univ Minho, Dept Fis, P-4800058 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4800058 Guimaraes, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** SEP 3  
**IDS No.:** 367DF  
**29-char source abbrev:** THIN SOLID FILMS

---

**Record 135 of 500**

**Author(s):** Alves E; Alves LC; da Silva MF; Melo AA; Soares JC; Scaffidi-Argentina F  
**Title:** Influence of temperature and pressure on the beryllium pebbles bed electrical resistivity  
**Source:** FUSION TECHNOLOGY 2000, Vol 38, Iss 3, pp 320-325  
**ISSN/ISBN:** 0748-1896  
**Addresses:** Alves E, Inst Tecnol & Nucl, EN-10, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Forschungszentrum Karlsruhe, IKET, D-76021 Karlsruhe, Germany  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** NOV  
**IDS No.:** 367FK  
**29-char source abbrev:** FUSION TECHNOL

### Record 136 of 500

**Author(s):** Barradas NP; Vieira A

**Title:** Artificial neural network algorithm for analysis of Rutherford backscattering data

**Source:** PHYSICAL REVIEW E 2000, Vol 62, Iss 4, pp 5818-5829

**ISSN/ISBN:** 1063-651X

**Addresses:** Barradas NP, Inst Tecnol & Nucl, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Univ Lusofona, Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 12

**Publication Date:** OCT

**Part number:** B

**IDS No.:** 365YA

**29-char source abbrev:** PHYS REV E

---

### Record 137 of 500

**Author(s):** Bogaerts A; Donko Z; Kutasi K; Bano G; Pinhao N; Pinheiro M

**Title:** Comparison of calculated and measured optical emission intensities in a direct current argon-copper glow discharge

**Source:** SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY 2000, Vol 55, Iss 9, pp 1465-1479

**ISSN/ISBN:** 0584-8547

**Addresses:** Bogaerts A, Univ Instelling Antwerp, Dept Chem, Univ Plein 1, B-2610 Wilrijk, Belgium  
Univ Instelling Antwerp, Dept Chem, B-2610 Wilrijk, Belgium  
Res Inst Solid State Phys & Opt, H-1525 Budapest, Hungary  
Inst Tecnol & Nucl, Dept Phys, P-2685 Sacavem, Portugal  
Inst Super Tecn, Dept Phys, P-1049001 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 15

**Publication Date:** SEP 1



**IDS No.:** 361WZ  
**29-char source abbrev:** SPECTROCHIM ACTA PT B-AT SPEC

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**Record 138 of 500**

**Author(s):** Collin J; Maria L; Santos I  
**Title:** Uranium iodides as catalysts for Diels-Alder reactions  
**Source:** JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL 2000, Vol 160, Iss 2, pp 263-267  
**ISSN/ISBN:** 1381-1169  
**Addresses:** Collin J, Univ Paris 11, ICMO, UPRESA 8075, Lab Catalyse Mol, F-91405 Orsay, France  
Univ Paris 11, ICMO, UPRESA 8075, Lab Catalyse Mol, F-91405 Orsay, France  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** OCT 31  
**IDS No.:** 363HM  
**29-char source abbrev:** J MOL CATAL A-CHEM

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**Record 139 of 500**

**Author(s):** Beierlein U; Hess C; Schlenker C; Dumas J; Buder R; Groult D; Steep E; Vignolles D; Bonfait G  
**Title:** Charge-density-wave instabilities and quantum transport in the monophosphate tungsten bronzes (PO<sub>2</sub>)<sub>4</sub>(WO<sub>3</sub>)<sub>(2m)</sub> with m=5 alternate structure  
**Source:** EUROPEAN PHYSICAL JOURNAL B 2000, Vol 17, Iss 2, pp 215-226  
**ISSN/ISBN:** 1434-6028

**Addresses:** Beierlein U, CNRS, Etud Proprietes Elect Solides Lab, BP 166, F-38042 Grenoble 9, France  
CNRS, Etud Proprietes Elect Solides Lab, F-38042 Grenoble 9, France  
ISMRA, Lab CRISMAT, F-14050 Caen, France  
CNRS, FKF, MPI, High Field Magnet Lab, F-38042 Grenoble 9, France  
Inst Natl Sci Appl, Phys Mat Condensee Lab, F-31077 Toulouse 4, France  
Inst Natl Sci Appl, Serv Natl Champs Magnet Pulses, F-31077 Toulouse 4, France  
ITN, Dept Quim, P-2686 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 12

**Publication Date:** SEP

**IDS No.:** 361VU

**29-char source abbrev:** EUR PHYS J B

---

#### Record 140 of 500

**Author(s):** Villeneuve JP; de Mora SJ; Cattini C; Carvalho FP

**Title:** Determination of organochlorinated compounds and petroleum hydrocarbons in sediment sample IAEA-408. Results from a world-wide intercalibration exercise

**Source:** JOURNAL OF ENVIRONMENTAL MONITORING 2000, Vol 2, Iss 5, pp 524-528

**ISSN/ISBN:** 1464-0325

**Addresses:** de Mora SJ, Int Atom Energy Agcy, Marine Environm Lab, 4 Quai Antoine 1er,BP 800, MC-98012 Monaco, Monaco  
Int Atom Energy Agcy, Marine Environm Lab, MC-98012 Monaco, Monaco  
Nucl & Technol Inst, P-2686953 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 5

**IDS No.:** 359VT

**29-char source abbrev:** J ENVIRON MONIT

---

#### Record 141 of 500

**Author(s):** Grossmann V; Santos J; Varela P; Tavares R; Manso M

**Title:** New developments for the control and data acquisition system of the reflectometry on ASDEX-Upgrade

**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 25-30

**ISSN/ISBN:** 0920-3796

**Addresses:** Grossmann V, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** AUG

**IDS No.:** 356WB

**29-char source abbrev:** FUSION ENG DES

---

**Record 142 of 500**

**Author(s):** Sousa J; Combo A; Batista A; Correia M; Trotman D; Waterhouse J; Varandas CAF

**Title:** A distributed real-time system for event-driven control and dynamic data acquisition on a fusion plasma experiment

**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 31-36

**ISSN/ISBN:** 0920-3796

**Addresses:** Sousa J, Inst Super Tecn, Ctr Fusiao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusiao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
UKAEA EURATOM Fus Assoc, UKAEA Fus, Culham Sci Ctr, Abingdon OX14 3DB, Oxon, England

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** AUG

**IDS No.:** 356WB

**29-char source abbrev:** FUSION ENG DES

---

**Record 143 of 500**

**Author(s):** Sousa J; Cunha M; Palmeirinha A; Amorim P; Duval B; Varandas CAF  
**Title:** The interface amplifier and timing generator unit for control of operation of an off-line time-resolved X-ray spectrometer  
**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 47-55  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Sousa J, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
Assoc EURATOM Confederat Suisse, Ctr Rech Phys Plasmas, CH-1015 Lausanne, Switzerland  
**Times Cited:** 0  
**Source item page count:** 9  
**Publication Date:** AUG  
**IDS No.:** 356WB  
**29-char source abbrev:** FUSION ENG DES

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#### Record 144 of 500

**Author(s):** Varela P; Manso ME  
**Title:** Novel data processing tools to localize turbulence and MHD activity from broadband reflectometry on ASDEX upgrade  
**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 113-118  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Varela P, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** AUG  
**IDS No.:** 356WB  
**29-char source abbrev:** FUSION ENG DES

---

#### Record 145 of 500

**Author(s):** Santos J; Nunes F; Manso M; Varela P  
**Title:** A neural network approach to evaluate density profiles from reflectometry in ASDEX Upgrade discharges with internal transport barriers  
**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 119-126  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Santos J, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1049001 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** AUG  
**IDS No.:** 356WB  
**29-char source abbrev:** FUSION ENG DES

---

**Record 146 of 500**

**Author(s):** Pereira RC; Cruz N; Neri C; Riva M; Correia C; Varandas CAF  
**Title:** The control and data acquisition system of a laser in-vessel viewing system  
**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 205-212  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Correia C, Fac Ciencias & Tecnol, Ctr Instrumentacao, P-3000 Coimbra, Portugal  
Fac Ciencias & Tecnol, Ctr Instrumentacao, P-3000 Coimbra, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
ENEA, EURATOM Assoc, I-00044 Frascati, Italy  
**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** AUG  
**IDS No.:** 356WB  
**29-char source abbrev:** FUSION ENG DES

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**Record 147 of 500**

**Author(s):** Fagundes AN; Sa WP; Coelho PMSA  
**Title:** TCABR data acquisition system

**Source:** FUSION ENGINEERING AND DESIGN 2000, Vol 48, Iss 1-2, pp 213-218  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Fagundes AN, Univ Sao Paulo, Inst Fis, Cx Postal 66318, BR-05315970 Sao Paulo, Brazil  
Univ Sao Paulo, Inst Fis, BR-05315970 Sao Paulo, Brazil  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** AUG  
**IDS No.:** 356WB  
**29-char source abbrev:** FUSION ENG DES

---

**Record 148 of 500**

**Author(s):** Wahl U; Vantomme A; Langouche G; Araujo JP; Peralta L; Correia JG  
**Title:** Lattice location of implanted Cu in highly doped Si  
**Source:** APPLIED PHYSICS LETTERS 2000, Vol 77, Iss 14, pp 2142-2144  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Wahl U, Univ Louvain, Inst Kern & Stralingsfys, Celestijnenlaan 200D, B-3001 Louvain, Belgium  
Univ Louvain, Inst Kern & Stralingsfys, B-3001 Louvain, Belgium  
Univ Porto, IFIMUP, P-4150 Porto, Portugal  
LIP, P-1000149 Lisbon, Portugal  
FCUL, P-1000149 Lisbon, Portugal  
CERN, EP, CH-1211 Geneva 23, Switzerland  
ITN, P-2685 Sacavem, Portugal  
**Times Cited:** 3  
**Source item page count:** 3  
**Publication Date:** OCT 2  
**IDS No.:** 357WZ  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 149 of 500**

**Author(s):** Alves LC; Paul A; Alves E; da Silva MF; Soares JC; Rebouta L; La Barbera A; Riccardi B; Centeno MA; Odriozola JA

**Title:** Surface studies of SiC/SiCf composites exposed to relevant fusion reactor conditions

**Source:** SURFACE AND INTERFACE ANALYSIS 2000, Vol 30, Iss 1, pp 98-100

**ISSN/ISBN:** 0142-2421

**Addresses:** Alves LC, ITN, Dept Fis, EN10, P-2686953 Sacavem, Portugal  
ITN, Dept Fis, P-2686953 Sacavem, Portugal  
Univ Sevilla, CSIC, ICMSE, Seville 41092, Spain  
CFNUL, P-1699 Lisbon, Portugal  
Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
Assoc EURATOM ENEA, CR Casaccia, Rome, Italy  
Assoc EURATOM ENEA, Frorcati, Italy

**Times Cited:** 1

**Source item page count:** 3

**Publication Date:** AUG

**IDS No.:** 352VK

**29-char source abbrev:** SURF INTERFACE ANAL

---

**Record 150 of 500**

**Author(s):** Jeynes C; Barradas NP; Rafla-Yuan H; Hichwa BP; Close R

**Title:** Accurate depth profiling of complex optical coatings

**Source:** SURFACE AND INTERFACE ANALYSIS 2000, Vol 30, Iss 1, pp 237-242

**ISSN/ISBN:** 0142-2421

**Addresses:** Jeynes C, Univ Surrey, Ion Beam Ctr, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Ion Beam Ctr, Guildford GU2 5XH, Surrey, England  
Inst Tecnol & Nucl, Sacavem, Portugal  
Opt Coating Lab Inc, Santa Rosa, CA USA

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** AUG

**IDS No.:** 352VK

**29-char source abbrev:** SURF INTERFACE ANAL

---

## Record 151 of 500

**Author(s):** Shlyk L; Estrela P; Waerenborgh JC; De Long LE; de Visser A; Rojas DP; Gandra F; Almeida M

**Title:** Crystal structure and physical properties of  $U_3T_3Sn_4$  (T = Ni, Cu) single crystals

**Source:** PHYSICA B 2000, Vol 292, Iss 1-2, pp 89-96

**ISSN/ISBN:** 0921-4526

**Addresses:** Estrela P, Univ Amsterdam, Van der Waals Zeeman Inst, Valckenierstr 65, NL-1018 XE Amsterdam, Netherlands  
Univ Amsterdam, Van der Waals Zeeman Inst, NL-1018 XE Amsterdam, Netherlands  
Natl Acad Sci Ukraine, BI Verkin Inst Low Temp Phys & Engn, UA-310164 Kharkov, Ukraine  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Kentucky, Dept Phys & Astron, Lexington, KY 40506 USA  
Univ Campinas, IFGW, Campinas, SP, Brazil

**Times Cited:** 3

**Source item page count:** 8

**Publication Date:** OCT

**IDS No.:** 353YX

**29-char source abbrev:** PHYSICA B

---

## Record 152 of 500

**Author(s):** Wei P; Cardoso S; de Jesus CM; Soares JC; Freitas PP; da Silva MF

**Title:** RBS study of the interdiffusion effect between CoFe/MnIr layers in tunnel junctions

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 170, Iss 1-2, pp 205-210

**ISSN/ISBN:** 0168-583X

**Addresses:** Wei P, Inst Tecnol & Nucl, Dept Fis, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Engn Sistemas & Comp, P-1000 Lisbon, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal

**Times Cited:** 0



**Source item page count:** 6

**Publication Date:** SEP

**IDS No.:** 353UB

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 153 of 500**

**Author(s):** Vieira A; Barradas NP

**Title:** Neural network analysis of Rutherford backscattering data

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 170, Iss 1-2, pp 235-238

**ISSN/ISBN:** 0168-583X

**Addresses:** Barradas NP, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lusofona, Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 4

**Publication Date:** SEP

**IDS No.:** 353UB

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 154 of 500**

**Author(s):** da Gama V; Belo D; Rabaca S; Santos IC; Alves H; Waerenborgh JC; Duarte MT; Henriques RT

**Title:** Crystal structure and magnetic behavior of the decamethylferrocenium and decamethylchromocenium salts of bis(ethylenedithiolato)nickel, [M(Cp\*)(2)][Ni(edt)(2)] - Magnetic anisotropy and metamagnetic behavior of [Fe(Cp\*)(2)][Ni(edt)(2)]

**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2000, Iss 9, pp 2101-2110

**ISSN/ISBN:** 1434-1948

**Addresses:** da Gama V, Inst Tecnol & Nucl, Dept Quim, Est Nacl 10, P-2686953  
Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1049001 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 10

**Publication Date:** SEP

**IDS No.:** 354FF

**29-char source abbrev:** EUR J INORG CHEM

---

**Record 155 of 500**

**Author(s):** Carvalho A; Garcia-Montalvo V; Domingos A; Cea-Olivares R; Marques N; de Matos AP

**Title:** Synthesis and characterization of thorium and uranium tetraphenylimidophosphinate complexes. Crystal and molecular structures of Th(tpip)(4), U(tpip)(4) and UCl(tpip)(3)

**Source:** POLYHEDRON 2000, Vol 19, Iss 14, pp 1699-1705

**ISSN/ISBN:** 0277-5387

**Addresses:** de Matos AP, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nacl Autonoma Mexico, Inst Quim, Mexico City, DF, Mexico

**Times Cited:** 1

**Source item page count:** 7

**Publication Date:** JUL 15

**IDS No.:** 351GE

**29-char source abbrev:** POLYHEDRON

---

**Record 156 of 500**

**Author(s):** Carvalho A; Domingos A; Isolani PC; Marques N; de Matos AP; Vicentini G

**Title:** Synthesis, luminescence studies and crystal structures of two europium(II) hydrotris(pyrazol-1-yl)borate complexes: Eu(HBpz(3))(2)center dot 2DPSO and Eu(HBpz(3))(2)center dot 2BPMU

**Source:** POLYHEDRON 2000, Vol 19, Iss 14, pp 1707-1712

**ISSN/ISBN:** 0277-5387  
**Addresses:** de Matos AP, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Sao Paulo, Inst Quim, BR-05513970 Sao Paulo, Brazil  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** JUL 15  
**IDS No.:** 351GE  
**29-char source abbrev:** POLYHEDRON

---

**Record 157 of 500**

**Author(s):** Misheva M; Djourellov N; Margaca FMA; Salvado IMM  
**Title:** Positronium decay study of zirconia-silica sol-gels  
**Source:** JOURNAL OF NON-CRYSTALLINE SOLIDS 2000, Vol 272, Iss 2-3, pp 209-217  
**ISSN/ISBN:** 0022-3093  
**Addresses:** Djourellov N, Bulgarian Acad Sci, Inst Nucl Res & Nucl Energy, 72 Tzarigradsko Shoosse Blvd, BU-1784 Sofia, Bulgaria  
Bulgarian Acad Sci, Inst Nucl Res & Nucl Energy, BU-1784 Sofia, Bulgaria  
Univ Sofia, Fac Phys, BU-1126 Sofia, Bulgaria  
ITN, Dept Phys, P-2685 Sacavem, Portugal  
Univ Aveiro, UIMC, Glass & Ceram Engn Dept, P-3810 Aveiro, Portugal  
**Times Cited:** 1  
**Source item page count:** 9  
**Publication Date:** AUG  
**IDS No.:** 351ZW  
**29-char source abbrev:** J NON-CRYST SOLIDS

---

**Record 158 of 500**

**Author(s):** Loureiro CFM; Correia CMBA; Varandas CAF  
**Title:** High-speed multi-input VME bus data acquisition system  
**Source:** MEASUREMENT SCIENCE & TECHNOLOGY 2000, Vol 11, Iss 8, pp 1224-1232

**ISSN/ISBN:** 0957-0233  
**Addresses:** Loureiro CFM, Univ Coimbra, Dept Fis, EURATOM Assoc, IST, P-3004516 Coimbra, Portugal  
Univ Coimbra, Dept Fis, EURATOM Assoc, IST, P-3004516 Coimbra, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Cusao Nucl, P-1096 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 9  
**Publication Date:** AUG  
**IDS No.:** 349KU  
**29-char source abbrev:** MEAS SCI TECHNOL

---

**Record 159 of 500**

**Author(s):** Zaldo C; Carvajal J; Sole R; Diaz F; Bravo D; Kling A  
**Title:** Influence of impurities on the optical damage of KTiOPO4 crystals  
**Source:** JOURNAL OF APPLIED PHYSICS 2000, Vol 88, Iss 6, pp 3242-3248  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Zaldo C, CSIC, Inst Ciencia Mat Madrid, Plaza Murillo 2, E-28049 Madrid, Spain  
CSIC, Inst Ciencia Mat Madrid, E-28049 Madrid, Spain  
Univ Rovira & Virgili, Lab Fis Aplicada & Cristallog, Tarragona 43005, Spain  
Univ Autonoma Madrid, Dept Fis Mat, E-28049 Madrid, Spain  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 7  
**Publication Date:** SEP 15  
**IDS No.:** 349GB  
**29-char source abbrev:** J APPL PHYS

---

**Record 160 of 500**

**Author(s):** Ambrosi P; Fantuzzi E; de Carvalho AF; Delgado A; Lindborg L; Bartlett DT

**Title:** Procedures for routine individual dose assessment of external radiation within EU countries and Switzerland - Status of Harmonisation on 1 April 1999

**Source:** RADIATION PROTECTION DOSIMETRY 2000, Vol 89, Iss 1-2, pp 7-51

**ISSN/ISBN:** 0144-8420

**Addresses:** Ambrosi P, Phys Tech Bundesanstalt, POB 3345, D-38023 Braunschweig, Germany  
Phys Tech Bundesanstalt, D-38023 Braunschweig, Germany  
ENEA, Ente Nazl Nuove Tecnol Energia & Ambiente, Ist Radioprotez, I-40136 Bologna, Italy  
ITN, Dept Radiol Protect & Nucl Safety, P-2686953 Sacavem, Portugal  
CIEMAT, E-28040 Madrid, Spain  
Swedish Radiat Protect Inst, SSI, S-17116 Stockholm, Sweden  
Natl Radiol Protect Board, Didcot OX11 0RQ, Oxon, England

**Times Cited:** 8

**Source item page count:** 45

**IDS No.:** 346QD

**29-char source abbrev:** RADIAT PROT DOSIM

---

**Record 161 of 500**

**Author(s):** Margaca FMA; Pinhao NR; Sequeira AD

**Title:** Design optimisation of a high-temperature X-ray diffractometer for in-situ determination of lattice mismatch and residual stress - the Hotbird

**Source:** EUROPEAN POWDER DIFFRACTION, PTS 1 AND 2 2000, Vol 321-3, pp 168-173

**ISSN/ISBN:** 0255-5476

**Addresses:** Margaca FMA, Nucl & Technol Inst, Dept Phys, Estrada Nacl 10, PO-2685 Sacavem, Portugal  
Nucl & Technol Inst, Dept Phys, PO-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 6

**Book series title:** MATERIALS SCIENCE FORUM

**Part number:** 1&2

**IDS No.:** BQ57X

**29-char source abbrev:** MATER SCI FORUM

---

## Record 162 of 500

**Author(s):** Sequeira AD; Moretto P; Bressers J  
**Title:** Residual stress and microstructure of CoNiCrAlY coated superalloys upon thermo-mechanical fatigue  
**Source:** EUROPEAN POWDER DIFFRACTION, PTS 1 AND 2 2000, Vol 321-3, pp 748-753  
**ISSN/ISBN:** 0255-5476  
**Addresses:** Sequeira AD, Nucl & Technol Inst, Dept Phys, Estrada Nacl 10, PO-2685 Sacavem, Portugal  
Nucl & Technol Inst, Dept Phys, PO-2685 Sacavem, Portugal  
Inst Adv Mat, NL-1755 ZG Petten, Netherlands  
**Times Cited:** 0  
**Source item page count:** 6  
**Book series title:** MATERIALS SCIENCE FORUM  
**Part number:** 1&2  
**IDS No.:** BQ57X  
**29-char source abbrev:** MATER SCI FORUM

---

## Record 163 of 500

**Author(s):** Oliveira C; Salgado J; Botelho ML; Ferreira LM  
**Title:** Monte Carlo studies for irradiation process planning at the Portuguese gamma irradiation facility  
**Source:** APPLIED RADIATION AND ISOTOPES 2000, Vol 53, Iss 4-5, pp 867-875  
**ISSN/ISBN:** 0969-8043  
**Addresses:** Oliveira C, Inst Tecnol & Nucl, Est Nac 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 9  
**Publication Date:** OCT-NOV  
**IDS No.:** 345TE  
**29-char source abbrev:** APPL RADIAT ISOTOPES

---

## Record 164 of 500

**Author(s):** Sellin PJ; Breese MBH; Knights AP; Alves LC; Sussmann RS; Whitehead AJ

**Title:** Imaging of charge transport in polycrystalline diamond using ion-beam-induced charge microscopy  
**Source:** APPLIED PHYSICS LETTERS 2000, Vol 77, Iss 6, pp 913-915  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Sellin PJ, Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Dept Elect & Elect Engn, Guildford GU2 5XH, Surrey, England  
ITN, Dept Fis EN 10, P-2686 Sacavem, Portugal  
De Beers Ind Diamonds UK Ltd, Ascot, Berks, England  
**Times Cited:** 2  
**Source item page count:** 3  
**Publication Date:** AUG 7  
**IDS No.:** 344XX  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 165 of 500**

**Author(s):** Veloso A; Freitas PP; Wei P; Barradas NP; Soares JC; Almeida B; Sousa JB  
**Title:** Magnetoresistance enhancement in specular, bottom-pinned, Mn83Ir17 spin valves with nano-oxide layers  
**Source:** APPLIED PHYSICS LETTERS 2000, Vol 77, Iss 7, pp 1020-1022  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Veloso A, INESC, R Alves Redol 9-1, P-100029 Lisbon, Portugal  
INESC, P-100029 Lisbon, Portugal  
IST, P-1049001 Lisbon, Portugal  
ITN, P-2685 Sacavem, Portugal  
IFIMUP, P-4169007 Porto, Portugal  
**Times Cited:** 7  
**Source item page count:** 3  
**Publication Date:** AUG 14  
**IDS No.:** 344YE  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 166 of 500**

**Author(s):** Correia JDG; Domingos A; Paulo A; Santos I

**Title:** Novel six-co-ordinate oxorhenium complexes with ligands containing PN<sub>2</sub> and PNO donor atom sets: syntheses and structural characterization

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 2000, Iss 14, pp 2477-2482

**ISSN/ISBN:** 1470-479X

**Addresses:** Santos I, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 5

**Source item page count:** 6

**IDS No.:** 344KZ

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

**Record 167 of 500**

**Author(s):** Sologub OL; Salamakha PS; Godart C

**Title:** Formation, crystal structure and magnetism of ternary compounds Ce<sub>5</sub>MGe<sub>2</sub> (M=Co, Ni, Ru, Rh, Pd, Ir, Pt)

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2000, Vol 307, pp 31-39

**ISSN/ISBN:** 0925-8388

**Addresses:** Godart C, CNRS, UPR209, Grp Labs Thiais, 2-8 Rue Henri Dunant, F-94320 Thiais, France  
CNRS, UPR209, Grp Labs Thiais, F-94320 Thiais, France  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 4

**Source item page count:** 9

**Publication Date:** JUL 14

**IDS No.:** 341LB

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 168 of 500**

**Author(s):** Sologub O; Salamakha P; Noel H; Poel M; Almeida M; Godart C

**Title:** New structure type of ternary intermetallic borides CePt<sub>2</sub>B

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2000, Vol 307, pp 40-44

**ISSN/ISBN:** 0925-8388



**Addresses:** Godart C, CNRS, UPR 209, Grp Labs Thiais, 2-8 Rue Henri Dunant, F-94320 Thiais, France  
CNRS, UPR 209, Grp Labs Thiais, F-94320 Thiais, France  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Rennes 1, Chim Solide & Inorgan Mol Lab, CNRS, UMR 6511, F-35042 Rennes, France

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** JUL 14

**IDS No.:** 341LB

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 169 of 500**

**Author(s):** Freitas MC; Reis MA; Marques AP; Wolterbeek HT

**Title:** Dispersion of chemical elements in an industrial environment studied by biomonitoring using *Parmelia sulcata*

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
2000, Vol 244, Iss 1, pp 109-113

**ISSN/ISBN:** 0236-5731

**Addresses:** Freitas MC, Inst Tecnol & Nucl, ITN, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, ITN, P-2686953 Sacavem, Portugal  
Tech Univ Delft, IRI, NL-2629 JB Delft, Netherlands

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** APR

**IDS No.:** 338GH

**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

**Record 170 of 500**

**Author(s):** Gouveia MA; Prudencio MI

**Title:** New data on sixteen reference materials obtained by INAA

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
2000, Vol 245, Iss 1, pp 105-108

**ISSN/ISBN:** 0236-5731

**Addresses:** Gouveia MA, Inst Tecnol & Nucl, EN 10, Apartado 21, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** JUL

**IDS No.:** 338GN

**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

**Record 171 of 500**

**Author(s):** Szilagyi E; Becze-Deak T; Bottyan L; Kocsonya A; Kotai E; Nagy DL; Kling A; Battistig G; Khanh NQ; Polgar K

**Title:** Lattice site determination of Co in low doped congruent LiNbO<sub>3</sub> single crystal using PIXE/channelling

**Source:** SOLID STATE COMMUNICATIONS 2000, Vol 115, Iss 10, pp 535-538

**ISSN/ISBN:** 0038-1098

**Addresses:** Szilagyi E, KFKI Res Inst Particle & Nucl Phys, POB 49, H-1525 Budapest, Hungary  
KFKI Res Inst Particle & Nucl Phys, H-1525 Budapest, Hungary  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Res Inst Tech Phys & Mat Sci, H-1525 Budapest, Hungary  
Res Inst Solid State Phys & Opt, H-1525 Budapest, Hungary

**Times Cited:** 0

**Source item page count:** 4

**IDS No.:** 338JK

**29-char source abbrev:** SOLID STATE COMMUN

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**Record 172 of 500**

**Author(s):** Moreira M; Antunes J; Pina H

**Title:** A theoretical model for nonlinear orbital motions of rotors under fluid confinement

**Source:** JOURNAL OF FLUIDS AND STRUCTURES 2000, Vol 14, Iss 5, pp 635-668

**ISSN/ISBN:** 0889-9746  
**Addresses:** Moreira M, Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Mech, P-1096 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 34  
**Publication Date:** JUL  
**IDS No.:** 336LY  
**29-char source abbrev:** J FLUID STRUCTURE

---

**Record 173 of 500**

**Author(s):** Marques JG; Kling A; Soares JC; Da Silva MF; Vianden R; Polgar K; Dieguez E; Agullo-Lopez F  
**Title:** Structural defects in congruent and near-stoichiometric LiNbO<sub>3</sub>  
**Source:** RADIATION EFFECTS AND DEFECTS IN SOLIDS 1999, Vol 150, Iss 1-4, pp 233-236  
**ISSN/ISBN:** 1042-0150  
**Addresses:** Marques JG, Univ Lisbon, CFN, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, CFN, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Bonn, ISKP, D-53115 Bonn, Germany  
Res Inst Solid State Phys & Opt, H-1525 Budapest, Hungary  
Univ Autonoma Madrid, Dept Fis Mat, E-28049 Madrid, Spain  
**Times Cited:** 0  
**Source item page count:** 4  
**IDS No.:** 333LB  
**29-char source abbrev:** RADIAT EFF DEFECT SOLID

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**Record 174 of 500**

**Author(s):** Kling A; Marques JG; da Silva MF; Serrano MD; Dieguez E; Sanz-Garcia JA; Garcia-Sole J; Agullo-Lopez F; Soares JC  
**Title:** Incorporation of hexavalent impurities into LiNbO<sub>3</sub>

**Source:** RADIATION EFFECTS AND DEFECTS IN SOLIDS 1999, Vol 150, Iss 1-4, pp 249-253

**ISSN/ISBN:** 1042-0150

**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2695 Sacavem, Portugal  
Univ Autonoma Madrid, Dept Mat, E-28049 Madrid, Spain

**Times Cited:** 1

**Source item page count:** 5

**IDS No.:** 333LB

**29-char source abbrev:** RADIAT EFF DEFECT SOLID

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**Record 175 of 500**

**Author(s):** Carvalho ML; Casaca C; Pinheiro T; Marques JP; Chevallier P; Cunha AS

**Title:** Analysis of human teeth and bones from the chalcolithic period by X-ray spectrometry

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 168, Iss 4, pp 559-565

**ISSN/ISBN:** 0168-583X

**Addresses:** Carvalho ML, Univ Lisbon, Ctr Fis Atom, Dept Fis, Av Prof Gama Pinto 2, P-1649003 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Atom, Dept Fis, P-1649003 Lisbon, Portugal  
Dentaria Univ Lisboa, Fac Med, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Paris 11, LURE, F-91405 Orsay, France

**Times Cited:** 1

**Source item page count:** 7

**Publication Date:** AUG

**IDS No.:** 333KX

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 176 of 500**

**Author(s):** Pessoa JC; Cavaco I; Correia I; Costa D; Henriques RT; Gillard RD

**Title:** Preparation and characterisation of new oxovanadium(IV) Schiff base complexes derived from salicylaldehyde and simple dipeptides  
**Source:** INORGANICA CHIMICA ACTA 2000, Vol 305, Iss 1, pp 7-13  
**ISSN/ISBN:** 0020-1693  
**Addresses:** Pessoa JC, Inst Super Tecn, Ctr Quim Estrutural, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Quim Estrutural, P-1049001 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2685 Sacavem, Portugal  
Univ Wales, Dept Chem, Cardiff CF1 3TB, S Glam, Wales  
**Times Cited:** 1  
**Source item page count:** 7  
**Publication Date:** JUL 14  
**IDS No.:** 332CV  
**29-char source abbrev:** INORG CHIM ACTA

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**Record 177 of 500**

**Author(s):** Correia JDG; Domingos A; Santos I  
**Title:** Neutral trichlorooxorhenium(V) complexes containing new heterofunctionalized phosphane ligands of the type PN2 and PNO  
**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2000, Iss 7, pp 1523-1529  
**ISSN/ISBN:** 1434-1948  
**Addresses:** Santos I, ITN, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 7  
**Publication Date:** JUL  
**IDS No.:** 333DC  
**29-char source abbrev:** EUR J INORG CHEM

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**Record 178 of 500**

**Author(s):** Prudencio LM; da Silva RC; da Silva MF; Soares JC; Conde O; Vilar R  
**Title:** Modification and characterization of Al surfaces implanted with Cr ions  
**Source:** SURFACE & COATINGS TECHNOLOGY 2000, Vol 128, pp 166-169

**ISSN/ISBN:** 0257-8972  
**Addresses:** Prudencio LM, Inst Tecnol & Nucl, Dept Fis, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1700 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Inst Super Tecn, Dept Mat Engn, P-1000 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JUN-JUL  
**IDS No.:** 329FY  
**29-char source abbrev:** SURF COAT TECH

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**Record 179 of 500**

**Author(s):** Alves E; MacHargue C; Silva RC; Jesus C; Conde O; de Silva MF; Soares JC  
**Title:** Structural and magnetic studies of Fe-implanted alpha-Al<sub>2</sub>O<sub>3</sub>  
**Source:** SURFACE & COATINGS TECHNOLOGY 2000, Vol 128, pp 434-439  
**ISSN/ISBN:** 0257-8972  
**Addresses:** Alves E, Inst Tecnol & Nucl, Dept Phys, EN 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Phys, P-2686953 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
Univ Tennessee, Ctr Mat Proc, Knoxville, TN 37996 USA  
FCUL, Dept Phys, P-1700 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** JUN-JUL  
**IDS No.:** 329FY  
**29-char source abbrev:** SURF COAT TECH

---

**Record 180 of 500**

**Author(s):** Breese MBH; Alves LC; Hoechbauer T; Nastasi M  
**Title:** Study of the crystalline quality of exfoliated surfaces in hydrogen-implanted silicon

**Source:** APPLIED PHYSICS LETTERS 2000, Vol 77, Iss 2, pp 268-270  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Breese MBH, Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England  
ITN, Dept Fis, P-2686953 Sacavem, Portugal  
Univ Calif Los Alamos Natl Lab, Ctr Mat Sci, Los Alamos, NM 87545 USA  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** JUL 10  
**IDS No.:** 329NW  
**29-char source abbrev:** APPL PHYS LETT

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**Record 181 of 500**

**Author(s):** Waerenborgh JC; Salamakha P; Sologub O; Goncalves AP; Cardoso C; Serio S; Godinho M; Almeida M  
**Title:** Influence of thermal treatment and crystal growth on the final composition and magnetic properties of the YFexAl<sub>12-x</sub> (4 ≤ x ≤ 4.2) Intermetallics  
**Source:** CHEMISTRY OF MATERIALS 2000, Vol 12, Iss 6, pp 1743-1749  
**ISSN/ISBN:** 0897-4756  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal  
**Times Cited:** 4  
**Source item page count:** 7  
**Publication Date:** JUN  
**IDS No.:** 325ZZ  
**29-char source abbrev:** CHEM MATER

---

**Record 182 of 500**

**Author(s):** Gomes MR; Girard TA; Oliveira C; Jeudy V; Limagne D  
**Title:** A superconductive measurement of the Re-187 beta decay spectrum: preliminary results

**Source:** NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 2000, Vol 87, pp 493-494

**ISSN/ISBN:** 0920-5632

**Addresses:** Gomes MR, Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2685 Sacavem, Portugal  
Univ Paris 07, CNRS, UMR 75 88, Phys Solides Grp, F-75251 Paris, France  
Univ Paris 06, CNRS, UMR 75 88, Phys Solides Grp, F-75251 Paris, France

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** JUN

**IDS No.:** 323MP

**29-char source abbrev:** NUCL PHYS B-PROC SUPPL

---

**Record 183 of 500**

**Author(s):** Santos MA; Grazina R; Neto AQ; Cantinho G; Gano L; Patricio L

**Title:** Synthesis, chelating properties towards gallium and biological evaluation of two N-substituted 3-hydroxy-4-pyridinones

**Source:** JOURNAL OF INORGANIC BIOCHEMISTRY 2000, Vol 78, Iss 4, pp 303-311

**ISSN/ISBN:** 0162-0134

**Addresses:** Santos MA, Inst Super Tecn, Ctr Quim Estrutural, Complexo I, Av Rovisco Pais, P-1049001 Lisbon, Portugal  
Inst Super Tecn, Ctr Quim Estrutural, P-1049001 Lisbon, Portugal  
Inst Nucl Med, Fac Med, P-1600 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 9

**Publication Date:** MAR

**IDS No.:** 322MN

**29-char source abbrev:** J INORG BIOCHEM

---

**Record 184 of 500**

**Author(s):** Cardoso S; Ferreira R; Freitas PP; Wei P; Soares JC



**Title:** Influence of Ta antidiffusion barriers on the thermal stability of tunnel junctions  
**Source:** APPLIED PHYSICS LETTERS 2000, Vol 76, Iss 25, pp 3792-3794  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Cardoso S, INESC, R Alves Redol 9-1, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 5  
**Source item page count:** 3  
**Publication Date:** JUN 19  
**IDS No.:** 323LW  
**29-char source abbrev:** APPL PHYS LETT

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#### Record 185 of 500

**Author(s):** Cardoso C; Catarino I; Goncalves AP; Waerenborgh JC; Cruz MM; Bonfait G; Kuznietz M; Almeida M; Godinho M  
**Title:** Evolution of magnetism in the UFexAl12-x intermetallic series  
**Source:** PHYSICA B 2000, Vol 284, pp 1339-1340  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Godinho M, Univ Lisbon, Fac Ciencias, Dept Fis CiTecMat, Campo Grande, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis CiTecMat, P-1749016 Lisbon, Portugal  
Inst Tecnol Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal  
**Times Cited:** 1  
**Source item page count:** 2  
**Publication Date:** JUL  
**Part number:** 2  
**IDS No.:** 320WD  
**29-char source abbrev:** PHYSICA B

---

#### Record 186 of 500

**Author(s):** Cruz MM; Carvalho MD; Wattiaux A; Bassat JM; Casaca A; Bonfait G; Costa FMA; Godinho M

**Title:** Magnetic properties of lanthanum nickelates

**Source:** PHYSICA B 2000, Vol 284, pp 1477-1478

**ISSN/ISBN:** 0921-4526

**Addresses:** Cruz MM, Univ Lisbon, Fac Ciencias, Dept Fis, CiTecMat, Campo Grande Ed C1, P-1700 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, CiTecMat, P-1700 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim, CiTecMat, P-1700 Lisbon, Portugal  
Inst Chim Mat Condensee Bordeaux, CNRS, F-33608 Pessac, France  
Inst Tecnol Nucl, Dept Quim, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** JUL

**Part number:** 2

**IDS No.:** 320WD

**29-char source abbrev:** PHYSICA B

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**Record 187 of 500**

**Author(s):** Catarino I; Bonfait G

**Title:** Simple specific heat apparatus based on Gifford-Mac Mahon cryocooler

**Source:** PHYSICA B 2000, Vol 284, pp 2020-2021

**ISSN/ISBN:** 0921-4526

**Addresses:** Catarino I, ITN, Dept Quim, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Nova Lisboa, Dept Fis, Fac Ciencias & Tecnol, P-2825 Monte De Caparica, Portugal

**Times Cited:** 1

**Source item page count:** 2

**Publication Date:** JUL

**Part number:** 2

**IDS No.:** 320WD

**29-char source abbrev:** PHYSICA B

---

## Record 188 of 500

**Author(s):** Alves E; da Silva MF; Soares JC; Monteiro T; Soares J; Santos L

**Title:** Effect of crystal orientation on defect production and optical activation of Er-implanted sapphire

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 166, pp 183-187

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Inst Technol & Nucl, Dept Fis, Estrada Nac 10, P-2685953 Sacavem, Portugal  
Inst Technol & Nucl, Dept Fis, P-2685953 Sacavem, Portugal  
CFNUL, P-1600 Lisbon, Portugal  
Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** MAY

**IDS No.:** 320VU

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 189 of 500

**Author(s):** McHargue CJ; Hunn JD; Alves E; da Silva MF; Soares JC

**Title:** Influence of oxygen ion implantation on the damage and annealing kinetics of iron-implanted sapphire

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 166, pp 188-192

**ISSN/ISBN:** 0168-583X

**Addresses:** McHargue CJ, Univ Tennessee, Ctr Mat Proc, 100 Estabrook Hall, Knoxville, TN 37996 USA  
Univ Tennessee, Ctr Mat Proc, Knoxville, TN 37996 USA  
Nucl & Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** MAY

**IDS No.:** 320VU

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

**Record 190 of 500**

**Author(s):** Marques C; Falcao A; da Silva RC; Alves E  
**Title:** Annealing behaviour of natural topaz implanted with W and Cr ions  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 166, pp 204-208  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves E, ITN, Dept Fis, EN 10, P-2695953 Sacavem, Portugal  
ITN, Dept Fis, P-2695953 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De  
Caparica, Portugal  
CFNUL, P-1600 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAY  
**IDS No.:** 320VU  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 191 of 500**

**Author(s):** Kling A; da Silva MF; Soares JC  
**Title:** Redistribution and incorporation of iridium implanted into lithium niobate  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 166, pp 280-283  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Kling A, Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAY  
**IDS No.:** 320VU  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 192 of 500**

**Author(s):** Oliveira C; Salgado J; de Carvalho AF  
**Title:** Dose rate determinations in the Portuguese Gamma Irradiation Facility: Monte Carlo simulations and measurements  
**Source:** RADIATION PHYSICS AND CHEMISTRY 2000, Vol 58, Iss 3, pp 279-285  
**ISSN/ISBN:** 0969-806X  
**Addresses:** Oliveira C, Nucl & Technol Inst, Est Nac 10, P-2685953 Sacavem, Portugal  
Nucl & Technol Inst, P-2685953 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 7  
**Publication Date:** MAY  
**IDS No.:** 318RK  
**29-char source abbrev:** RADIAT PHYS CHEM

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**Record 193 of 500**

**Author(s):** Casaca A; Bonfait G; Galindo V; Senateur JP; Feinberg D  
**Title:** Angular dependence of the anisotropy parameter in YBCO/PBCO multilayers  
**Source:** PHYSICA B 2000, Vol 284, pp 601-603  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Casaca A, ITN, Dept Quim, Estrada Nacl 10, P-2685 Sacavem, Portugal  
ITN, Dept Quim, P-2685 Sacavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal  
Domaine Univ, ENSPG, LMGP, F-38402 St Martin Dheres, France  
CNRS, LEPES, F-38042 Grenoble 9, France  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JUL  
**Part number:** 1  
**IDS No.:** 318YF  
**29-char source abbrev:** PHYSICA B

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**Record 194 of 500**

**Author(s):** Casaca A; Bonfait G; Dubourdiou C; Weiss F; Senateur JP  
**Title:** Hall effect in unidirectionally twinned YBaCuO thin films  
**Source:** PHYSICA B 2000, Vol 284, pp 1013-1014  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Bonfait G, ITN, Dept Quim, Estrada Nacl 10, P-2685 Sacavem, Portugal  
ITN, Dept Quim, P-2685 Sacavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias Tecnol, Dept Fis, P-2825 Monte De  
Caparica, Portugal  
Ecole Natl Super Phys Grenoble, Mat & Genie Phys Lab, F-38402 St Martin  
Dheres, France  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** JUL  
**Part number:** 1  
**IDS No.:** 318YF  
**29-char source abbrev:** PHYSICA B

---

**Record 195 of 500**

**Author(s):** Barreira T; Leal JP  
**Title:** Standard molar enthalpies of formation of Mg and Ca alkoxides  
**Source:** EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2000, Iss 5, pp  
987-991  
**ISSN/ISBN:** 1434-1948  
**Addresses:** Leal JP, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAY  
**IDS No.:** 313WG  
**29-char source abbrev:** EUR J INORG CHEM

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## Record 196 of 500

**Author(s):** Correia JG; Araujo JP; Loureiro SM; Toulemonde P; Le Floch S; Bordet P; Capponi JJ; Gatt R; Troger W; Ctortecka B; Butz T; Haas H; Marques JG; Soares JC

**Title:** Local O-delta probing in the high-T-c superconductor HgBa<sub>2</sub>CuO<sub>4</sub>+delta

**Source:** PHYSICAL REVIEW B 2000, Vol 61, Iss 17, pp 11769-11775

**ISSN/ISBN:** 1098-0121

**Addresses:** Correia JG, CERN, EP, SC, CH-1211 Geneva 23, Switzerland  
CERN, EP, SC, CH-1211 Geneva 23, Switzerland  
FCP, Dept Fis, IFIMUP, P-4150 Porto, Portugal  
Princeton Univ, Dept Chem, Princeton, NJ 08544 USA  
CNRS, Cristallog Lab, F-38042 Grenoble 9, France  
Univ Illinois, Dept Phys MC 273, Chicago, IL 60612 USA  
Univ Leipzig, Fak Phys & Geowissensch, D-04103 Leipzig, Germany  
Hahn Meitner Inst Kernforsch Berlin GmbH, Bereich Festkorperphys, D-14109 Berlin, Germany  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 7

**Publication Date:** MAY 1

**IDS No.:** 312HN

**29-char source abbrev:** PHYS REV B

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## Record 197 of 500

**Author(s):** Marques C; Santos L; Falcao AN; Silva RC; Alves E

**Title:** Luminescence studies in colour centres produced in natural topaz

**Source:** JOURNAL OF LUMINESCENCE 2000, Vol 87-9, pp 583-585

**ISSN/ISBN:** 0022-2313

**Addresses:** Santos L, Univ Aveiro, Dept Phys, Campus Santiago, P-3810193 Aveiro, Portugal  
Univ Aveiro, Dept Phys, P-3810193 Aveiro, Portugal  
Nucl & Technol Inst, Dept Phys, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY  
**IDS No.:** 310GK  
**29-char source abbrev:** J LUMINESC

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**Record 198 of 500**

**Author(s):** Gomes MR; Girard TA; Oliveira C; Jeudy V; Limagne D  
**Title:** A superconductive measurement of the Re-187 beta decay spectrum  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 2000, Vol 444, Iss 1-2, pp 84-87  
**ISSN/ISBN:** 0168-9002  
**Addresses:** Gomes MR, Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2685 Sacavem, Portugal  
Univ Paris 07, Phys Solides Grp, CNRS UMR 75 88, F-75251 Paris, France  
Univ Paris 06, Phys Solides Grp, CNRS UMR 75 88, F-75251 Paris, France  
**Times Cited:** 2  
**Source item page count:** 4  
**Publication Date:** APR 11  
**IDS No.:** 310JU  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES A

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**Record 199 of 500**

**Author(s):** Amaral VS; Lourenco AACS; Araujo JP; Pereira AM; Sousa JB; Tavares PB; Vieira JM; Alves E; da Silva MF; Soares JC  
**Title:** Anisotropic electrical transport in epitaxial La<sub>2/3</sub>Ca<sub>1/3</sub>MnO<sub>3</sub> thin films  
**Source:** JOURNAL OF APPLIED PHYSICS 2000, Vol 87, Iss 9, pp 5570-5572  
**ISSN/ISBN:** 0021-8979



**Addresses:** Amaral VS, Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
Univ Porto, IFIMUP, P-4150 Porto, Portugal  
INESC, P-3810 Aveiro, Portugal  
Univ Aveiro, Dept Engn Ceram & Vidro, P-3810 Aveiro, Portugal  
Univ Tras os Montes & Alto Douro, Seccao Quim, P-5000 Vila Real,  
Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 3

**Publication Date:** MAY 1

**Part number:** 2

**IDS No.:** 308RT

**29-char source abbrev:** J APPL PHYS

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**Record 200 of 500**

**Author(s):** Cardoso S; Freitas PP; de Jesus C; Soares JC

**Title:** High thermal stability tunnel junctions

**Source:** JOURNAL OF APPLIED PHYSICS 2000, Vol 87, Iss 9, pp 6058-6060

**ISSN/ISBN:** 0021-8979

**Addresses:** Cardoso S, Inst Engn Sistemas & Comp, R Alves Redol 9-1, P-1000 Lisbon,  
Portugal  
Inst Engn Sistemas & Comp, P-1000 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal

**Times Cited:** 10

**Source item page count:** 3

**Publication Date:** MAY 1

**Part number:** 3

**IDS No.:** 308TK

**29-char source abbrev:** J APPL PHYS

---

**Record 201 of 500**

**Author(s):** Brito FE; Gurova AN; Mardolcar UV; de Castro CAN

**Title:** Dielectric constant of the nearly azeotropic mixture R410A  
**Source:** INTERNATIONAL JOURNAL OF THERMOPHYSICS 2000, Vol 21, Iss 2, pp 415-427  
**ISSN/ISBN:** 0195-928X  
**Addresses:** de Castro CAN, Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, Campo Grande, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Ctr Ciencias Mol & Mat, P-1749016 Lisbon, Portugal  
Inst Super Tecn, Dept Fis, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Ciencias Mol & Mat Nucl Termofis Mat, P-1096 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 13  
**Publication Date:** MAR  
**IDS No.:** 310GT  
**29-char source abbrev:** INT J THERMOPHYS

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**Record 202 of 500**

**Author(s):** Oliveira C; Salgado J; Botelho ML; Ferreira LM  
**Title:** Dose determination by Monte Carlo - a useful tool in gamma radiation process  
**Source:** RADIATION PHYSICS AND CHEMISTRY 2000, Vol 57, Iss 3-6, pp 667-670  
**ISSN/ISBN:** 0969-806X  
**Addresses:** Oliveira C, Inst Tecnol & Nucl, Estr Nac 10, P-2685953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAR  
**IDS No.:** 307LA  
**29-char source abbrev:** RADIAT PHYS CHEM

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### Record 203 of 500

**Author(s):** Estrela P; Naka T; de Visser A; de Boer FR; Pereira LCJ; Almeida M  
**Title:** Resistivity of non-Fermi liquid U<sub>2</sub>Pt<sub>2</sub>In under pressure  
**Source:** PHYSICA B 2000, Vol 281, pp 381-383  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Estrela P, Univ Amsterdam, Van Der Waals Zeeman Inst, Valckenierstr 65, NL-1018 XE Amsterdam, Netherlands  
Univ Amsterdam, Van Der Waals Zeeman Inst, NL-1018 XE Amsterdam, Netherlands  
Natl Res Inst Met, Tsukuba, Ibaraki 3050047, Japan  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** JUN  
**IDS No.:** 305YW  
**29-char source abbrev:** PHYSICA B

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### Record 204 of 500

**Author(s):** Kuznietz M; Takeya H  
**Title:** Superconductivity and magnetism in DyNi<sub>2</sub>B<sub>2</sub>C samples  
**Source:** PHYSICA B 2000, Vol 281, pp 1004-1006  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Natl Res Inst Met, Tsukuba, Ibaraki 3050047, Japan  
Japan Sci & Technol Corp, Core Res Evolut Sci & Technol, Tsukuba, Ibaraki 3050047, Japan  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** JUN  
**IDS No.:** 305YW  
**29-char source abbrev:** PHYSICA B

---

### Record 205 of 500

**Author(s):** Goncalves AP; Pereira LCJ; Kuznietz M; Almeida M; Silva PAS; Godinho M

**Title:** Depression of superconducting and antiferromagnetic states in the Dy-rich (U<sub>1-x</sub>Dy<sub>x</sub>)Ni<sub>2</sub>B<sub>2</sub>C solid solutions

**Source:** PHYSICA B 2000, Vol 281, pp 1007-1009

**ISSN/ISBN:** 0921-4526

**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, Estr Natl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1749016 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 3

**Publication Date:** JUN

**IDS No.:** 305YW

**29-char source abbrev:** PHYSICA B

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**Record 206 of 500**

**Author(s):** Margaca FMA; Falcao AN; Salgado JF; Carvalho FG

**Title:** Multichannel collimation for SANS instruments

**Source:** PHYSICA B 2000, Vol 276, pp 189-191

**ISSN/ISBN:** 0921-4526

**Addresses:** Margaca FMA, Nucl & Tech Inst, Dept Phys, EN-10, P-2686953 Sacavem, Portugal  
Nucl & Tech Inst, Dept Phys, P-2686953 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAR

**IDS No.:** 303FZ

**29-char source abbrev:** PHYSICA B

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**Record 207 of 500**

**Author(s):** Salvado IMM; Sousa JS; Margaca FMA; Teixeira J

**Title:** Structure of SiO<sub>2</sub> gels prepared with different water contents

**Source:** PHYSICA B 2000, Vol 276, pp 388-389

**ISSN/ISBN:** 0921-4526

**Addresses:** Salvado IMM, Univ Aveiro, Glass Ceram Engn Dept, P-3800 Aveiro, Portugal  
Univ Aveiro, Glass Ceram Engn Dept, P-3800 Aveiro, Portugal  
Nucl Technol Inst, ITN, Sacavem, Portugal  
CE Saclay, CNRS, CEA, Lab Leon Brillouin, Gif Sur Yvette, France

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** MAR

**IDS No.:** 303FZ

**29-char source abbrev:** PHYSICA B

---

**Record 208 of 500**

**Author(s):** Jesus AP; Reis MA; Alves LC

**Title:** Anomalous X-ray yields from insulating samples bombarded by ion beams

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 120-124

**ISSN/ISBN:** 0168-583X

**Addresses:** Jesus AP, Univ Nova Lisboa, Dept Fis, Fac Ciencias & Tecnol, P-1200 Lisbon, Portugal  
Univ Nova Lisboa, Dept Fis, Fac Ciencias & Tecnol, P-1200 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 209 of 500**

**Author(s):** Behar M; Grande PL; Azevedo GD; Alves E; da Silva MF; Soares JC

**Title:** Molecular H-2 and H-3 energy loss measurements along the Si < 111 > direction

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 161, pp 168-171

**ISSN/ISBN:** 0168-583X

**Addresses:** Behar M, UFRGS, Inst Fis, Caixa Postal 15051, BR-91501970 Porto Alegre,  
RS, Brazil  
UFRGS, Inst Fis, BR-91501970 Porto Alegre, RS, Brazil  
Inst Tecnol & Nucl, Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 210 of 500**

**Author(s):** Barradas NP; Parascandola S; Sealy BJ; Grotzschel R; Kreissig U

**Title:** Simultaneous and consistent analysis of NRA, RES and ERDA data with the  
IBA DataFurnace

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 161, pp 308-313

**ISSN/ISBN:** 0168-583X

**Addresses:** Barradas NP, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
Univ Surrey, Sch Elect Informat Technol & Math, Guildford GU2 5XH,  
Surrey, England  
Forschungszentrum Rossendorf EV, D-01314 Dresden, Germany

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 211 of 500**

**Author(s):** Alves LC; Breese MBH; Alves E; Paul A; da Silva MR; da Silva MF; Soares JC

**Title:** Micron-scale analysis of SiC/SiCf composites using the new Lisbon nuclear microprobe

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 334-338

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves LC, Inst Tecnol & Nucl, Dept Fis, EN10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2686953 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England  
Univ Sevilla, CSIC, ICMSE, Seville 41092, Spain

**Times Cited:** 6

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 212 of 500**

**Author(s):** Kling A; da Silva MF; Soares JC; Freitas PP; Baptista DL; Zawislak FC

**Title:** Investigation of an 18 angstrom Al<sub>2</sub>O<sub>3</sub> layer in a magnetic multilayer system by Rutherford and resonant scattering

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 549-552

**ISSN/ISBN:** 0168-583X

**Addresses:** Kling A, Univ Lisbon, Inst Tecnol Nucl, P-2686-953 Sacavem, P-1649003 Lisbon, Portugal  
Univ Lisbon, Inst Tecnol Nucl, P-1649003 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Inst Engn Sist & Comp, P-1000 Lisbon, Portugal  
Univ Fed Rio Grande Sul, Inst Fis, Porto Alegre, RS, Brazil

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** MAR

**IDS No.:** 299NE  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 213 of 500**

**Author(s):** Rodriguez A; Gonzalez C; Rodriguez T; Kling A; da Silva MF; Soares JC  
**Title:** RBS characterization of the iridium diffusion in silicon  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 663-667  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Rodriguez A, ETSI Telecomun, Dept Tecnol Elect, Ciudad Univ S-N, Madrid 28040, Spain  
ETSI Telecomun, Dept Tecnol Elect, Madrid 28040, Spain  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAR  
**IDS No.:** 299NE  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 214 of 500**

**Author(s):** Martin JE; Garcia-Tenorio R; Ontalba-Salamanca MA; Respaldiza MA; da Silva MF  
**Title:** TTPIXE analysis of Guadianar river sediments collected before the environmental disaster of 1998  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 825-829  
**ISSN/ISBN:** 0168-583X



**Addresses:** Martin JE, CNA, Parque Tecnol Cartuja 93, Avda Thomas A Edison Via, E-41092 Seville, Spain  
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Univ Huelva, Dept FAIE, E-21071 Palos, Huelva, Spain  
Univ Sevilla, Dept Fis Aplicada, E-41012 Seville, Spain  
Univ Sevilla, Dept FAMN, E-41080 Seville, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 215 of 500**

**Author(s):** Ramos AR; Marques JG; da Silva MR; Conde O; da Silva MF; Soares JC

**Title:** Channeled ion beam synthesis of HfSi<sub>2</sub>

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 2000, Vol 161, pp 909-912

**ISSN/ISBN:** 0168-583X

**Addresses:** Soares JC, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1649003 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Dept Fis, P-1749016 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 216 of 500**

**Author(s):** Ramos AR; Conde O; Paszti F; Battistig G; Vazsonyi E; da Silva MR; da Silva MF; Soares JC

**Title:** Ion beam synthesis of chromium silicide on porous silicon

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 161, pp 926-930

**ISSN/ISBN:** 0168-583X

**Addresses:** Soares JC, ITN, Inst Tecnol & Nucl, Estr Nacl 10, P-2686953 Sacavem,  
Portugal  
ITN, Inst Tecnol & Nucl, P-2686953 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1649003 Lisbon, Portugal  
Univ Lisbon, FCUL, Fac Ciencias, P-1749016 Lisbon, Portugal  
KFKI, Res Inst Particle & Nucl Phys, H-1525 Budapest, Hungary  
MTA, Res Inst Tech Phys & Mat Sci, H-1525 Budapest, Hungary

**Times Cited:** 4

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 217 of 500**

**Author(s):** Lorenz K; Vianden R; Birkhahn R; Steckl AJ; da Silva MF; Soares JC; Alves E

**Title:** RBS/channeling study of Er doped GaN films grown by MBE on Si(111) substrates

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
2000, Vol 161, pp 946-951

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Univ Bonn, ISKP, D-5300 Bonn, Germany  
Univ Bonn, ISKP, D-5300 Bonn, Germany  
Univ Cincinnati, Nanoelect Lab, Cincinnati, OH USA  
Inst Technol & Nucl, Dept Fis, P-2685953 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 6

**Publication Date:** MAR

**IDS No.:** 299NE

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

**Record 218 of 500**

**Author(s):** Kurzan B; Hempel SD; Holzhauser E; Scott B; Serra F; Suttrop W; Zeiler A

**Title:** Measurement and scaling of the radial correlation lengths of turbulence at the plasma edge of ASDEX Upgrade

**Source:** PLASMA PHYSICS AND CONTROLLED FUSION 2000, Vol 42, Iss 3, pp 237-253

**ISSN/ISBN:** 0741-3335

**Addresses:** Kurzan B, Max Planck Inst Plasma Phys, EURATOM Assoc, D-85748 Garching, Germany  
Max Planck Inst Plasma Phys, EURATOM Assoc, D-85748 Garching, Germany  
Univ Stuttgart, Inst Plasmaforsch, D-70659 Stuttgart, Germany  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1096 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 17

**Publication Date:** MAR

**IDS No.:** 297AR

**29-char source abbrev:** PLASMA PHYS CONTROL FUSION

---

**Record 219 of 500**

**Author(s):** Dumas J; Hess C; Schlenker C; Bonfait G; Marin EG; Groult D; Marcus J

**Title:** Localization effects in the charge density wave state of the quasi-two-dimensional monophosphate tungsten bronzes (PO<sub>2</sub>)<sub>4</sub>(WO<sub>3</sub>)<sub>(2m)</sub> (m=7, 8, 9)

**Source:** EUROPEAN PHYSICAL JOURNAL B 2000, Vol 14, Iss 1, pp 73-82

**ISSN/ISBN:** 1434-6028

**Addresses:** Dumas J, CNRS, Etud Proprietes Elect Solides Lab, BP 166, F-38042 Grenoble 9, France  
CNRS, Etud Proprietes Elect Solides Lab, F-38042 Grenoble 9, France  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, P-2825 Monte De Caparica, Portugal  
Univ Caen, ISMRA, Lab CRISMAT, F-14050 Caen, France

**Times Cited:** 2

**Source item page count:** 10

**Publication Date:** MAR

**IDS No.:** 293UR

**29-char source abbrev:** EUR PHYS J B

---

**Record 220 of 500**

**Author(s):** Amaral VS; Lourenco AACs; Araujo JP; Tavares PB; Alves E; Sousa JB; Vieira JM; da Silva MF; Soares JC

**Title:** Anisotropic transport properties of epitaxial La<sub>2/3</sub>Ca<sub>1/3</sub>MnO<sub>3</sub> thin films with different growth orientations (invited)

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2000, Vol 211, Iss 1-3, pp 1-8

**ISSN/ISBN:** 0304-8853

**Addresses:** Amaral VS, Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
Univ Porto, Dept Fis, IFIMUP, P-4150 Porto, Portugal  
Univ Porto, Dept Fis, INESC, P-4150 Porto, Portugal  
Univ Aveiro, Dept Engn Ceram & Vidro, P-3810 Aveiro, Portugal  
Univ Tras Montes Alto Douro, Seccao Quim, P-5000 Vila Real, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** MAR

**IDS No.:** 292AN

**29-char source abbrev:** J MAGN MAGN MATER

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**Record 221 of 500**

**Author(s):** Marques F; Crespo ME; Silva ZI; Bicho M

**Title:** Insulin and high glucose modulation of phosphatase and reductase enzymes in the human erythrocytes: a comparative analysis in normal and diabetic states

**Source:** DIABETES RESEARCH AND CLINICAL PRACTICE 2000, Vol 47, Iss 3, pp 191-198

**ISSN/ISBN:** 0168-8227

**Addresses:** Bicho M, Fac Med Lisbon, Ctr Metab & Endocrinol, Genet Lab, Av Prof Egas Moniz, P-1600 Lisbon, Portugal  
Fac Med Lisbon, Ctr Metab & Endocrinol, Genet Lab, P-1600 Lisbon, Portugal  
Nucl & Technol Inst, Dept Chem, Sacavem, Portugal  
Portuguese Canc Inst FG, Lab Endocrinol, Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** MAR

**IDS No.:** 291RA

**29-char source abbrev:** DIABETES RES CLIN PRACT

---

**Record 222 of 500**

**Author(s):** Correia JG; Araujo JP; Marques JG; Ramos AR; Melo AA; Soares JC

**Title:** Electron-gamma PAC: New possibilities for NQI studies

**Source:** ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES 2000, Vol 55, Iss 1-2, pp 3-14

**ISSN/ISBN:** 0932-0784

**Addresses:** Correia JG, ITN, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
ITN, P-2686953 Sacavem, Portugal  
Univ Lisbon, CFN, P-1649003 Lisbon, Portugal  
CERN, EC SC Div, CH-1211 Geneva, Switzerland  
Univ Porto, IFIMUP, P-4150 Porto, Portugal

**Times Cited:** 1

**Source item page count:** 12

**Publication Date:** JAN-FEB

**IDS No.:** 289AB

**29-char source abbrev:** Z NATURFORSCH SECT A

---

**Record 223 of 500**

**Author(s):** Paixao JA; Silva MR; Sorensen SA; Lebech B; Lander GH; Brown PJ; Langridge S; Talik E; Goncalves AP

**Title:** Neutron-scattering study of the magnetic structure of DyFe<sub>4</sub>Al<sub>8</sub> and HoFe<sub>4</sub>Al<sub>8</sub>

**Source:** PHYSICAL REVIEW B 2000, Vol 61, Iss 9, pp 6176-6188  
**ISSN/ISBN:** 1098-0121  
**Addresses:** Paixao JA, Univ Coimbra, Dept Fis, P-3000 Coimbra, Portugal  
Univ Coimbra, Dept Fis, P-3000 Coimbra, Portugal  
Condensed Matter Phys & Chem Dept, DK-4000 Roskilde, Denmark  
Commiss European Communities, Joint Res Ctr, Inst Transuranium  
Elements, D-76125 Karlsruhe, Germany  
Inst Max Von Laue Paul Langevin, F-38042 Grenoble, France  
European Synchrotron Radiat Facil, F-38043 Grenoble, France  
Silesian Univ, Inst Phys, PL-40007 Katowice, Poland  
Inst Tecnol & Nucl, P-2686 Sacavem, Portugal  
**Times Cited:** 10  
**Source item page count:** 13  
**Publication Date:** MAR 1  
**IDS No.:** 290ZE  
**29-char source abbrev:** PHYS REV B

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**Record 224 of 500**

**Author(s):** Salamakha P; Sologub O; Godart C  
**Title:** CePt<sub>2</sub>B<sub>2</sub>-x, a new structure type of ternary intermetallic borides  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2000, Vol 299, Iss 1-2, pp  
189-194  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Godart C, CNRS, UPR209, Grp Lab Thiais, 2-8 Rue Henri Dunant, F-94320  
Thiais, France  
CNRS, UPR209, Grp Lab Thiais, F-94320 Thiais, France  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** MAR 14  
**IDS No.:** 288KF  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 225 of 500**

**Author(s):** Shlyk L; Waerenborgh JC; Almeida M  
**Title:** Growth, crystal structure, and thermopower of single crystals of UNi<sub>1.9</sub>Sn  
**Source:** JOURNAL OF SOLID STATE CHEMISTRY 2000, Vol 149, Iss 1, pp 120-122  
**ISSN/ISBN:** 0022-4596  
**Addresses:** Shlyk L, B Verkin Inst Low Temp Phys & Engn, UA-310164 Kharkov, Ukraine  
B Verkin Inst Low Temp Phys & Engn, UA-310164 Kharkov, Ukraine  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JAN  
**IDS No.:** 282QH  
**29-char source abbrev:** J SOLID STATE CHEM

---

**Record 226 of 500**

**Author(s):** Goncalves AP; Pereira LCJ; Silva PAS; Godinho M; Almeida M; Kuznietz M  
**Title:** Directional frustration of magnetic moments in (U<sub>0.50</sub>DY<sub>0.50</sub>)Ni<sub>2</sub>B<sub>2</sub>C  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 2000, Vol 210, Iss 1-3, pp 88-92  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Dept Fis, Fac Ciencias, P-1749016 Lisbon, Portugal  
**Times Cited:** 2  
**Source item page count:** 5  
**Publication Date:** FEB  
**IDS No.:** 281PR  
**29-char source abbrev:** J MAGN MAGN MATER

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**Record 227 of 500**

**Author(s):** Giuseppone N; Santos I; Collin J  
**Title:** Enantioselective Diels-Alder reactions catalyzed by samarium iodo binaphthoxides

**Source:** TETRAHEDRON LETTERS 2000, Vol 41, Iss 5, pp 639-642  
**ISSN/ISBN:** 0040-4039  
**Addresses:** Collin J, Univ Paris 11, Lab Catalyse Mol, UPRESA 8075, ICMO, Batiment 420, F-91405 Orsay, France  
Univ Paris 11, Lab Catalyse Mol, UPRESA 8075, ICMO, F-91405 Orsay, France  
ITN, Dept Quim, P-2688 Sacavem, Portugal  
**Times Cited:** 4  
**Source item page count:** 4  
**Publication Date:** JAN 29  
**IDS No.:** 279HQ  
**29-char source abbrev:** TETRAHEDRON LETT

---

**Record 228 of 500**

**Author(s):** Gil OM; Oliveira NG; Rodrigues AS; Laires R; Ferreira TC; Limbert E; Leonard A; Gerber G; Rueff J  
**Title:** Cytogenetic alterations and oxidative stress in thyroid cancer patients after iodine-131 therapy  
**Source:** MUTAGENESIS 2000, Vol 15, Iss 1, pp 69-75  
**ISSN/ISBN:** 0267-8357  
**Addresses:** Rueff J, New Univ Lisbon, Fac Med Sci, Dept Genet, R Junqueira 96, P-1349008 Lisbon, Portugal  
New Univ Lisbon, Fac Med Sci, Dept Genet, P-1349008 Lisbon, Portugal  
Nucl & Technol Inst, Dept Radiol Protect & Nucl Safety, Lisbon, Portugal  
Univ Lisbon, Fac Pharm, Lisbon, Portugal  
Univ Lusofona, Lisbon, Portugal  
New Univ Lisbon, Fac Sci & Technol, Lisbon, Portugal  
Portuguese Oncol Inst Lisbon, Lisbon, Portugal  
Catholic Univ Louvain, Unit Teratogen & Mutagen, Brussels, Belgium  
**Times Cited:** 1  
**Source item page count:** 7  
**Publication Date:** JAN  
**IDS No.:** 278BZ  
**29-char source abbrev:** MUTAGENESIS

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## Record 229 of 500

**Author(s):** Oliveira NG; Neves M; Rodrigues AS; Gil OM; Chaveca T; Rueff J  
**Title:** Assessment of the adaptive response induced by quercetin using the MNCB peripheral blood human lymphocytes assay  
**Source:** MUTAGENESIS 2000, Vol 15, Iss 1, pp 77-83  
**ISSN/ISBN:** 0267-8357  
**Addresses:** Rueff J, New Univ Lisbon, Fac Med Sci, Dept Genet, R Junqueira 96, P-1349008 Lisbon, Portugal  
New Univ Lisbon, Fac Med Sci, Dept Genet, P-1349008 Lisbon, Portugal  
Univ Lisbon, Fac Pharm, P-1699 Lisbon, Portugal  
Univ Lusofona, Lisbon, Portugal  
Nucl & Technol Inst, Dept Radiol Protect & Nucl Safety, Lisbon, Portugal  
**Times Cited:** 2  
**Source item page count:** 7  
**Publication Date:** JAN  
**IDS No.:** 278BZ  
**29-char source abbrev:** MUTAGENESIS

---

## Record 230 of 500

**Author(s):** Nasraoui M; Bilal E  
**Title:** Pyrochlores from the Lueshe carbonatite complex (Democratic Republic of Congo): a geochemical record of different alteration stages  
**Source:** JOURNAL OF ASIAN EARTH SCIENCES 2000, Vol 18, Iss 2, pp 237-251  
**ISSN/ISBN:** 1367-9120  
**Addresses:** Nasraoui M, Inst Tecnol & Nucl, Estrada NAC 10, P-2685953 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685953 Sacavem, Portugal  
Sch Mines St Etienne, Dept Geochem, F-42100 St Etienne, France  
**Times Cited:** 2  
**Source item page count:** 15  
**Publication Date:** APR  
**IDS No.:** 277ZK  
**29-char source abbrev:** J ASIAN EARTH SCI

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**Record 231 of 500**

**Author(s):** Beierlein U; Dumas J; Schlenker C; Groult D; Labbe P; Balthes E; Steep E; Bonfait G

**Title:** Transport properties and CDW instabilities of the quasi-two-dimensional monophosphate tungsten bronzes (PO<sub>2</sub>)(<sub>4</sub>)(WO<sub>3</sub>)(<sub>2m</sub>) (m=5)

**Source:** JOURNAL DE PHYSIQUE IV 1999, Vol 9, Iss P10, pp 375-377

**ISSN/ISBN:** 1155-4339

**Addresses:** Beierlein U, CNRS, LEPES, BP 166, F-38042 Grenoble 9, France  
CNRS, LEPES, F-38042 Grenoble 9, France  
Univ Caen, Lab CRISMAT, ISMRA, F-14050 Caen, France  
CNRS, HFML, MPI, KFK, F-38042 Grenoble 9, France  
ITN, Dept Quim, P-2686 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 3

**Publication Date:** DEC

**IDS No.:** 278YT

**29-char source abbrev:** J PHYS IV

---

**Record 232 of 500**

**Author(s):** Cardoso S; Freitas PP; de Jesus C; Wei P; Soares JC

**Title:** Spin-tunnel-junction thermal stability and interface interdiffusion above 300 degrees C

**Source:** APPLIED PHYSICS LETTERS 2000, Vol 76, Iss 5, pp 610-612

**ISSN/ISBN:** 0003-6951

**Addresses:** Cardoso S, INESC, R Alves Redol 9-1, P-1000 Lisbon, Portugal  
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Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 15

**Source item page count:** 3

**Publication Date:** JAN 31

**IDS No.:** 277NB

**29-char source abbrev:** APPL PHYS LETT

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## Record 233 of 500

**Author(s):** Marchande N; Breton S; Geribaldi S; Carretas JM; de Matos AP; Marcalo J  
**Title:** Gas phase reactivity of rare earth metal cations with trialkylorthoformates: synthesis of neutral rare earth alkoxides  
**Source:** INTERNATIONAL JOURNAL OF MASS SPECTROMETRY 2000, Vol 196, pp 139-148  
**ISSN/ISBN:** 1387-3806  
**Addresses:** Geribaldi S, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nice, Fac Sci, GRECFO Chim Phys Organ, F-06108 Nice 2, France  
**Times Cited:** 0  
**Source item page count:** 10  
**Publication Date:** JAN 21  
**IDS No.:** 277HR  
**29-char source abbrev:** INT J MASS SPECTROM

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## Record 234 of 500

**Author(s):** Casaca A; Bonfait G; Galindo V; Senateur JP; Feinberg D  
**Title:** Angular dependence of the activation energy in YBCO/PBCO multilayers  
**Source:** JOURNAL OF LOW TEMPERATURE PHYSICS 1999, Vol 117, Iss 5-6, pp 1459-1463  
**ISSN/ISBN:** 0022-2291  
**Addresses:** Casaca A, ITN, Dpto Quim, P-2686 Sacavem, Portugal  
ITN, Dpto Quim, P-2686 Sacavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
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LMGP, ENSPG, F-38042 St Martin Heres, France  
CNRS, LEPEs, F-38042 Grenoble 9, France  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** DEC  
**IDS No.:** 269PK  
**29-char source abbrev:** J LOW TEMP PHYS

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### Record 235 of 500

**Author(s):** Salamakha P; Sologub O; Waerenborgh JC; Goncalves AP; Godinho M; Almeida M

**Title:** Systematical investigation of the Y-Fe-Al ternary system Part 1. Single crystal studies of the YFexAl12-x compound

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 2000, Vol 296, Iss 1-2, pp 98-102

**ISSN/ISBN:** 0925-8388

**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** JAN 10

**IDS No.:** 269TQ

**29-char source abbrev:** J ALLOYS COMPOUNDS

---

### Record 236 of 500

**Author(s):** Reis MA; Freitas MC; Alves LC; Marques AP; Costa C

**Title:** Environmental assessment in an industrial area of Portugal

**Source:** BIOLOGICAL TRACE ELEMENT RESEARCH 1999, Vol 71-2, pp 273-280

**ISSN/ISBN:** 0163-4984

**Addresses:** Reis MA, Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** WIN

**IDS No.:** 271TT

**29-char source abbrev:** BIOL TR ELEM RES

---

### Record 237 of 500

**Author(s):** Martinho E; Freitas MC  
**Title:** On the fission interference correction and its dependence on the epithermal to thermal neutron flux ratio in thermal NAA of molybdenum  
**Source:** BIOLOGICAL TRACE ELEMENT RESEARCH 1999, Vol 71-2, pp 471-479  
**ISSN/ISBN:** 0163-4984  
**Addresses:** Freitas MC, Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 9  
**Publication Date:** WIN  
**IDS No.:** 271TT  
**29-char source abbrev:** BIOL TR ELEM RES

---

**Record 238 of 500**

**Author(s):** Galindo V; Senateur JP; Alves E; da Silva RC; Silva JA; Cruz MM; Godinho M; Casaca A; Bonfait G  
**Title:** Characterisation of YBaCuO-PrBaCuO multilayers grown by pulsed injection MO-CVD  
**Source:** JOURNAL OF LOW TEMPERATURE PHYSICS 1999, Vol 117, Iss 3-4, pp 657-661  
**ISSN/ISBN:** 0022-2291  
**Addresses:** Galindo V, ENSPG, LMGP, BP 46, F-38042 Grenoble, France  
ENSPG, LMGP, F-38042 Grenoble, France  
ITN, Dept Fis, P-2686 Sacavem, Portugal  
Fac Ciencias Lisboa, Dept Fis, P-1700 Lisbon, Portugal  
ITN, Dept Quim, P-2686 Savavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** NOV  
**IDS No.:** 267RW  
**29-char source abbrev:** J LOW TEMP PHYS

---

**Record 239 of 500**

**Author(s):** Silva C; Fernandes H; Figueiredo H; Varandas CAF; Cabral JAC; Hidalgo C; Pedrosa MA; Sanchez E

**Title:** Plasma fluctuations and Reynolds stress measurements on the tokamak ISTTOK

**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1999, Vol 49, pp 29-34

**ISSN/ISBN:** 0011-4626

**Addresses:** Silva C, Inst Super Tecn, Ctr Fusao Nucl, Associacao Euratom IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Associacao Euratom IST, P-1096 Lisbon, Portugal  
CIEMAT, Asociac Euratom, E-28040 Madrid, Spain

**Times Cited:** 0

**Source item page count:** 6

**Supplement:** 3

**IDS No.:** V3295

**29-char source abbrev:** CZECH J PHYS

---

**Record 240 of 500**

**Author(s):** Silva CG; Fielding SJ; Axon KB; Booth MG

**Title:** The role of ExB drifts on COMPASS-D divertor

**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1999, Vol 49, pp 209-218

**ISSN/ISBN:** 0011-4626

**Addresses:** Silva CG, Inst Super Tecn, Ctr Fusao Nucl, IST, EURATOM Assoc, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, IST, EURATOM Assoc, P-1096 Lisbon, Portugal  
UKAEA Fus, Culham Sci Ctr, Abingdon OX14 3DB, Oxon, England  
UKAEA Euratom Fus Assoc, Abingdon, Oxon, England

**Times Cited:** 0

**Source item page count:** 10

**Supplement:** 3

**IDS No.:** V3295

**29-char source abbrev:** CZECH J PHYS

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**Record 241 of 500**

**Author(s):** Barradas NP; Smith R

**Title:** Simulated annealing analysis of nuclear reaction analysis measurements of polystyrene systems

**Source:** JOURNAL OF PHYSICS D-APPLIED PHYSICS 1999, Vol 32, Iss 22, pp 2964-2971

**ISSN/ISBN:** 0022-3727

**Addresses:** Barradas NP, Inst Tecnol & Nucl Reactor, EN 10,Apartado 21, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl Reactor, P-2686953 Sacavem, Portugal  
Univ Surrey, Sch Phys Sci, Guildford GU2 5XH, Surrey, England

**Times Cited:** 5

**Source item page count:** 8

**Publication Date:** NOV 21

**IDS No.:** 260CK

**29-char source abbrev:** J PHYS-D-APPL PHYS

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**Record 242 of 500**

**Author(s):** Pinheiro T; Carvalho ML; Casaca C; Barreiros MA; Cunha AS; Chevallier P

**Title:** Microprobe analysis of teeth by synchrotron radiation: environmental contamination

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 158, Iss 1-4, pp 393-398

**ISSN/ISBN:** 0168-583X

**Addresses:** Pinheiro T, Inst Tecnol & Nucl, Nucl & Technol Inst, Dept Phys, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, Nucl & Technol Inst, Dept Phys, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Atom, P-1700 Lisbon, Portugal  
ITA, INETI, P-1699 Lisbon, Portugal  
Univ Lisbon, Fac Med Dentaria, P-1700 Lisbon, Portugal  
Univ Paris 11, LURE, F-91405 Orsay, France

**Times Cited:** 6

**Source item page count:** 6

**Publication Date:** SEP  
**IDS No.:** 255JX  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 243 of 500**

**Author(s):** Pinheiro T; Alves LC; de Almeida AB; Palhano MJ; Palsgard E; Grime GW  
**Title:** Airborne particulate matter localisation in the human respiratory system  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 158, Iss 1-4, pp 499-504  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Pinheiro T, ITN, Dept Phys, EN 10, P-2685 Sacavem, Portugal  
ITN, Dept Phys, P-2685 Sacavem, Portugal  
Hosp Santa Maria, Dept Pneumol, Lisbon, Portugal  
Univ Oxford, Dept Mat, Oxford OX1 3PH, England  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** SEP  
**IDS No.:** 255JX  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 244 of 500**

**Author(s):** Alves LC; Alves E; Grime GW; da Silva MF; Soares JC  
**Title:** Nuclear microbeam study of advanced materials for fusion reactor technology  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 158, Iss 1-4, pp 671-677  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves LC, Nucl & Technol Inst, EN 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal  
Univ Lisbon, Nucl Phys Ctr, Lisbon, Portugal  
Univ Oxford, Dept Mat, Oxford OX1 3PH, England  
**Times Cited:** 1  
**Source item page count:** 7



**Publication Date:** SEP  
**IDS No.:** 255JX  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 245 of 500**

**Author(s):** Giuseppone N; Collin J; Domingos A; Santos I  
**Title:** (R)-binaphthoxy diiodide lanthanides  
**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 1999, Vol 590, Iss 2, pp 248-252  
**ISSN/ISBN:** 0022-328X  
**Addresses:** Collin J, Univ Paris 11, Lab Catalyse Mol, UPRESA 8075, ICMO, F-91405 Orsay, France  
Univ Paris 11, Lab Catalyse Mol, UPRESA 8075, ICMO, F-91405 Orsay, France  
ITN, Dept Quim, P-2688 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 5  
**Publication Date:** NOV 30  
**IDS No.:** 257DY  
**29-char source abbrev:** J ORGANOMETAL CHEM

---

**Record 246 of 500**

**Author(s):** Alfonso JE; Martin MJ; Volkov V; Zaldo C; Aguilo M; da Silva MF; Soares JC  
**Title:** Photoconductive Bi<sub>2</sub>MO<sub>20</sub>-type films prepared by pulsed laser deposition  
**Source:** JOURNAL OF MATERIALS RESEARCH 1999, Vol 14, Iss 11, pp 4409-4417  
**ISSN/ISBN:** 0884-2914

**Addresses:** Zaldo C, CSIC, Inst Ciencia Mat Madrid, Cantoblanco, Madrid 28049, Spain  
CSIC, Inst Ciencia Mat Madrid, Madrid 28049, Spain  
Univ Rovira & Virgili, Lab Fis Aplicada & Cristallog, Tarragona 43005, Spain  
Dept Fis, Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Ctr Int Fis, Santa Fe Bogota, Colombia  
Russian Acad Sci, Inst Gen & Inorgan Chem, Moscow 117907, Russia

**Times Cited:** 0

**Source item page count:** 9

**Publication Date:** NOV

**IDS No.:** 257FC

**29-char source abbrev:** J MATER RES

---

**Record 247 of 500**

**Author(s):** Carvalho FP; Villeneuve JP; Cattini C

**Title:** The determination of organochlorine compounds and petroleum hydrocarbons in a seaweed sample: results of a worldwide intercomparison exercise

**Source:** TRAC-TRENDS IN ANALYTICAL CHEMISTRY 1999, Vol 18, Iss 11, pp 656-664

**ISSN/ISBN:** 0165-9936

**Addresses:** Carvalho FP, Nucl & Technol Inst, EN 10, P-2686953 Sacavem, Portugal  
Int Atom Energy Agcy, MC-98012 Monaco, Monaco

**Times Cited:** 1

**Source item page count:** 9

**Publication Date:** NOV-DEC

**IDS No.:** 252KR

**29-char source abbrev:** TRAC-TREND ANAL CHEM

---

**Record 248 of 500**

**Author(s):** Da Gama V; Rabaca S; Ramos C; Belo D; Santos IC; Duarte MT

**Title:** Synthesis and magnetic properties of decamethylmetallocenium salts of the monoanionic complex [Ni(tds)(2)](-)

**Source:** MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS 1999, Vol 334, pp 793-802

**ISSN/ISBN:** 1058-725X

**Addresses:** Da Gama V, Inst Tecnol & Nucl, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2686 Sacavem, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 10

**Part number:** 2

**IDS No.:** 251MN

**29-char source abbrev:** MOL CRYST LIQ CRYST SCI TEC A

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**Record 249 of 500**

**Author(s):** Margaca FMA; Salvado IMM; Teixeira J

**Title:** Small angle neutron scattering study of silica gels: influence of pH

**Source:** JOURNAL OF NON-CRYSTALLINE SOLIDS 1999, Vol 258, Iss 1-3, pp 70-77

**ISSN/ISBN:** 0022-3093

**Addresses:** Margaca FMA, Nucl & Tech Inst, Dept Phys, EN 10, P-2686 Sacavem, Portugal  
Nucl & Tech Inst, Dept Phys, P-2686 Sacavem, Portugal  
Univ Aveiro, UIMC, Glass & Ceram Engn Dept, P-3810 Aveiro, Portugal  
CEA, CNRS, Leon Brillouin Lab, F-91191 Gif Sur Yvette, France

**Times Cited:** 3

**Source item page count:** 8

**Publication Date:** NOV

**IDS No.:** 251ZA

**29-char source abbrev:** J NON-CRYST SOLIDS

---

**Record 250 of 500**

**Author(s):** Paulo A; Domingos A; Santos I

**Title:** Control of the hapticity of pyridine-2-thiolate ligands in rhenium(v) oxo complexes

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS  
1999, Iss 21, pp 3735-3740

**ISSN/ISBN:** 0300-9246

**Addresses:** Santos I, ITN, Dept Quim, Estrada Nacl 10, P-2686593 Sacavem, Portugal  
ITN, Dept Quim, P-2686593 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**IDS No.:** 249ML

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

**Record 251 of 500**

**Author(s):** Dumas J; Beierlein U; Drouard S; Hess C; Groult D; Labbe P; Roussel P;  
Bonfait G; Marin EG; Schlenker C

**Title:** Electronic instabilities and localization effects in the quasi-two-dimensional  
monophosphate tungsten bronzes (PO<sub>2</sub>)<sub>4</sub>(WO<sub>3</sub>)<sub>2m</sub> and K<sub>x</sub>P<sub>4</sub>W<sub>8</sub>O<sub>32</sub>

**Source:** JOURNAL OF SOLID STATE CHEMISTRY 1999, Vol 147, Iss 1, pp 320-  
327

**ISSN/ISBN:** 0022-4596

**Addresses:** Schlenker C, CNRS, Etud Proprietes Elect Solides Lab, BP 166, F-38042  
Grenoble 9, France  
CNRS, Etud Proprietes Elect Solides Lab, F-38042 Grenoble 9, France  
Univ Caen, Lab CRISMAT, CNRS UMR 6508, ISMRA, F-14050 Caen,  
France  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Phys, P-2825 Monte De  
Caparica, Portugal

**Times Cited:** 5

**Source item page count:** 8

**Publication Date:** OCT

**IDS No.:** 250CZ

**29-char source abbrev:** J SOLID STATE CHEM

---

**Record 252 of 500**

**Author(s):** Vaz F; Rebouta L; Andritschky M; da Silva MF; Soares JC

**Title:** The effect of the addition of Al and Si on the physical and mechanical properties of titanium nitride

**Source:** JOURNAL OF MATERIALS PROCESSING TECHNOLOGY 1999, Vol 93, pp 169-176

**ISSN/ISBN:** 0924-0136

**Addresses:** Vaz F, Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** AUG 30

**IDS No.:** 247JW

**29-char source abbrev:** J MATER PROCESS TECHNOL

---

**Record 253 of 500**

**Author(s):** Kuznietz M; Goncalves AP; Waerenborgh JC; Almeida M; Cardoso C; Cruz MM; Godinho M

**Title:** Magnetic phase diagram of the semiordered alloys UFe(x)Al(12-x)

**Source:** PHYSICAL REVIEW B 1999, Vol 60, Iss 13, pp 9494-9500

**ISSN/ISBN:** 0163-1829

**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal

**Times Cited:** 7

**Source item page count:** 7

**Publication Date:** OCT 1

**IDS No.:** 244YW

**29-char source abbrev:** PHYS REV B

---

**Record 254 of 500**

**Author(s):** Gehanno V; Freitas PP; Veloso A; Ferreira J; Almeida B; Sousa JB; Kling A; Soares JC; da Silva MF

**Title:** Ion beam deposition of Mn-Ir spin valves

**Source:** IEEE TRANSACTIONS ON MAGNETICS 1999, Vol 35, Iss 5, pp 4361-4367

**ISSN/ISBN:** 0018-9464

**Addresses:** Gehanno V, INESC, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Inst Super Tecn, Dept Fis, P-1000 Lisbon, Portugal  
Nordiko Ltd, Hayward Business Ctr, Havant PO9 2NL, Hants, England  
Univ Porto, Inst Fis Mat, P-4100 Porto, Portugal  
Inst Tecnol Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 4

**Source item page count:** 7

**Publication Date:** SEP

**Part number:** 3

**IDS No.:** 246EP

**29-char source abbrev:** IEEE TRANS MAGN

---

**Record 255 of 500**

**Author(s):** Araujo MF; Cruz A; Humanes M; Lopes MT; da Silva JAL; da Silva JJRF

**Title:** Elemental composition of Demospongiae from the eastern Atlantic coastal waters

**Source:** CHEMICAL SPECIATION AND BIOAVAILABILITY 1999, Vol 11, Iss 1, pp 25-36

**ISSN/ISBN:** 0954-2299

**Addresses:** Araujo MF, Inst Technol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Inst Technol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim & Bioquim, P-1749016 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Inst Oceanog, P-1749016 Lisbon, Portugal  
Inst Super Tecn, Ctr Quim Estrutural, P-1049001 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 12

**IDS No.:** 242UH

**29-char source abbrev:** CHEM SPECIATION BIOAVAILAB

---

### Record 256 of 500

**Author(s):** Donko Z; Bano G; Szalai L; Kutasi K; Rozsa K; Pinheiro M; Pinhao N  
**Title:** Investigations on the effect of constriction in the cathode region of argon glow discharges  
**Source:** JOURNAL OF PHYSICS D-APPLIED PHYSICS 1999, Vol 32, Iss 18, pp 2416-2425  
**ISSN/ISBN:** 0022-3727  
**Addresses:** Donko Z, Res Inst Solid State Phys Res & Opt, POB 49, H-1525 Budapest, Hungary  
Res Inst Solid State Phys Res & Opt, H-1525 Budapest, Hungary  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Phys, P-2685 Sacavem, Portugal  
**Times Cited:** 6  
**Source item page count:** 10  
**Publication Date:** SEP 21  
**IDS No.:** 239ZP  
**29-char source abbrev:** J PHYS-D-APPL PHYS

---

### Record 257 of 500

**Author(s):** Sologub OL; Salamakha PS  
**Title:** Isothermal section of the ternary system Ho-Pd-Ge at 870 K  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 1999, Vol 291, Iss 1-2, pp 181-183  
**ISSN/ISBN:** 0925-8388  
**Addresses:** Sologub OL, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** SEP 27  
**IDS No.:** 241LU  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

### Record 258 of 500

**Author(s):** Lopes I; Lin GY; Domingos A; McDonald R; Marques N; Takats J

**Title:** Unprecedented transformation of a hydrotris(pyrazolyl)borate ligand at a metal center: Synthesis and rearrangement of the first mixed Tp/Cp lanthanide complex, Sm(Tp(2)(Me))(2)(Cp)

**Source:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 1999, Vol 121, Iss 35, pp 8110-8111

**ISSN/ISBN:** 0002-7863

**Addresses:** Marques N, ITN, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Alberta, Dept Chem, Edmonton, AB T6G 2G2, Canada

**Times Cited:** 5

**Source item page count:** 2

**Publication Date:** SEP 8

**IDS No.:** 238JE

**29-char source abbrev:** J AMER CHEM SOC

---

**Record 259 of 500**

**Author(s):** Kuznietz M; Takeya H

**Title:** Two-step magnetic ordering in as-cast and annealed DyNi<sub>2</sub>B<sub>2</sub>C samples

**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1999, Vol 11, Iss 34, pp 6561-6570

**ISSN/ISBN:** 0953-8984

**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686953 Sacavem, Portugal  
Natl Res Inst Met, Tsukuba, Ibaraki 3050047, Japan  
Japan Sci & Technol Corp, JST, CREST, Tsukuba, Ibaraki 3050047, Japan

**Times Cited:** 4

**Source item page count:** 10

**Publication Date:** AUG 30

**IDS No.:** 237JN

**29-char source abbrev:** J PHYS-CONDENS MATTER

---

**Record 260 of 500**

**Author(s):** Reddy KR; Domingos A; Paulo A; Santos I



**Title:** Rhenium(V) dioxo complexes with dihydrobis(pyrazolyl)borates: Synthesis and reactivity toward electrophilic substrates  
**Source:** INORGANIC CHEMISTRY 1999, Vol 38, Iss 19, pp 4278-4282  
**ISSN/ISBN:** 0020-1669  
**Addresses:** Santos I, ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 5  
**Publication Date:** SEP 20  
**IDS No.:** 238MG  
**29-char source abbrev:** INORG CHEM

---

**Record 261 of 500**

**Author(s):** Marques JG; Kling A; de Jesus CM; Soares JC; Friedsam P; Freitag K; Vianden R  
**Title:** Electric field gradients at the In-111 site in the ferroelectric and paraelectric phases of LiTaO<sub>3</sub>  
**Source:** HYPERFINE INTERACTIONS 1999, Vol 121, Iss 1-8, pp 485-489  
**ISSN/ISBN:** 0304-3843  
**Addresses:** Marques JG, Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Bonn, Inst Strahlen & Kernphys, D-53115 Bonn, Germany  
**Times Cited:** 0  
**Source item page count:** 5  
**IDS No.:** 236UP  
**29-char source abbrev:** HYPERFINE INTERACTIONS

---

**Record 262 of 500**

**Author(s):** Goncalves IF; Martinho E; Salgado J  
**Title:** Monte Carlo calculation of fast neutron spectra inside a lead hollow cylinder  
**Source:** KERNTECHNIK 1999, Vol 64, Iss 4, pp 193-197  
**ISSN/ISBN:** 0932-3902

**Addresses:** Goncalves IF, Nucl & Technol Inst, Est Nac 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** AUG

**IDS No.:** 236UV

**29-char source abbrev:** KERNTECHNIK

---

**Record 263 of 500**

**Author(s):** Hidalgo C; Silva C; Pedrosa MA; Sanchez E; Fernandes H; Varandas CAF

**Title:** Radial structure of Reynolds stress in the plasma boundary of tokamak plasmas

**Source:** PHYSICAL REVIEW LETTERS 1999, Vol 83, Iss 11, pp 2203-2205

**ISSN/ISBN:** 0031-9007

**Addresses:** Hidalgo C, CIEMAT, EURATOM, E-28040 Madrid, Spain  
CIEMAT, EURATOM, E-28040 Madrid, Spain  
EURATOM IST, Ctr Fusao Nucl, Inst Super Tecn, P-1049 Lisbon, Portugal

**Times Cited:** 14

**Source item page count:** 3

**Publication Date:** SEP 13

**IDS No.:** 234LC

**29-char source abbrev:** PHYS REV LETT

---

**Record 264 of 500**

**Author(s):** Costa J; Delgado R; Drew MGB; Felix V; Henriques RT; Waerenborgh JC

**Title:** Structural characterization of cobalt(III), nickel(II), copper(II) and iron(III) complexes of tetraazamacrocycles with N-carboxymethyl arms

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1999, Iss 18, pp 3253-3265

**ISSN/ISBN:** 0300-9246

**Addresses:** Costa J, UNL, Inst Tecnol Quim & Biol, Apartado 127, P-2781901 Oeiras, Portugal  
UNL, Inst Tecnol Quim & Biol, P-2781901 Oeiras, Portugal  
Fac Farm Lisboa, P-1600 Lisbon, Portugal  
Inst Super Tecn, P-1049001 Lisbon, Portugal  
Univ Reading, Dept Chem, Reading RG6 6AD, Berks, England  
Univ Aveiro, Dept Quim, P-3800 Aveiro, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 6

**Source item page count:** 13

**IDS No.:** 233KG

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

**Record 265 of 500**

**Author(s):** Raposinho PD; Broqua P; Pierroz DD; Hayward A; Dumont Y; Quirion R; Junien JL; Aubert ML

**Title:** Evidence that the inhibition of luteinizing hormone secretion exerted by central administration of neuropeptide Y (NPY) in the rat is predominantly mediated by the NPY-Y5 receptor subtype

**Source:** ENDOCRINOLOGY 1999, Vol 140, Iss 9, pp 4046-4055

**ISSN/ISBN:** 0013-7227

**Addresses:** Aubert ML, Univ Hosp Geneva, Hop Enfants, 6 Rue Willy Donze, CH-1211 Geneva 14, Switzerland  
Univ Geneva, Dept Pediat, Div Biol Growth & Reprod, Sch Med, CH-1211 Geneva 14, Switzerland  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
McGill Univ, Dept Psychiat, Douglas Hosp, Res Ctr, Verdun, PQ H4H 1R3, Canada

**Times Cited:** 21

**Source item page count:** 10

**Publication Date:** SEP

**IDS No.:** 228UC

**29-char source abbrev:** ENDOCRINOLOGY

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**Record 266 of 500**

**Author(s):** Reis MA; Alves LC; Freitas MC; van Os B; Wolterbeek HT  
**Title:** Lichens (*Parmelia sulcata*) time response model to environmental elemental availability  
**Source:** SCIENCE OF THE TOTAL ENVIRONMENT 1999, Vol 232, Iss 1-2, pp 105-115  
**ISSN/ISBN:** 0048-9697  
**Addresses:** Reis MA, ITN, EN10 Sacavem, P-2685 Sacavem, Portugal  
ITN, EN10 Sacavem, P-2685 Sacavem, Portugal  
Natl Geol Survey, Haarlem, Netherlands  
TU Delft, IRI, NL-2629 JB Delft, Netherlands  
**Times Cited:** 1  
**Source item page count:** 11  
**Publication Date:** JUL 15  
**IDS No.:** 227VU  
**29-char source abbrev:** SCI TOTAL ENVIR

---

**Record 267 of 500**

**Author(s):** Waerenborgh JC; Goncalves AP; Bonfait G; Godinho M; Almeida M  
**Title:** Anomalous magnetization cycle of UFe<sub>4</sub>Al<sub>8</sub> single crystals: A Mossbauer effect study  
**Source:** PHYSICAL REVIEW B 1999, Vol 60, Iss 6, pp 4074-4081  
**ISSN/ISBN:** 0163-1829  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De Caparica, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 8  
**Publication Date:** AUG 1  
**IDS No.:** 226AA  
**29-char source abbrev:** PHYS REV B

---

## Record 268 of 500

**Author(s):** Arcon D; Lappas A; Margadonna S; Prassides K; Ribera E; Veciana J; Rovira C; Henriques RT; Almeida M

**Title:** Magnetic behavior of a two-leg organic spin-ladder compound

**Source:** PHYSICAL REVIEW B 1999, Vol 60, Iss 6, pp 4191-4194

**ISSN/ISBN:** 0163-1829

**Addresses:** Arcon D, Univ Sussex, Sch Chem Phys & Environm Sci, Brighton BN1 9QJ, E Sussex, England  
Univ Sussex, Sch Chem Phys & Environm Sci, Brighton BN1 9QJ, E Sussex, England  
Inst Ciencia Mat Barcelona, Bellaterra 08193, Spain  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal

**Times Cited:** 4

**Source item page count:** 4

**Publication Date:** AUG 1

**IDS No.:** 226AA

**29-char source abbrev:** PHYS REV B

---

## Record 269 of 500

**Author(s):** Martinho E

**Title:** Determination of U-235 abundance in uranium by neutron activation on the basis of the molybdenum fission interference

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY 1999, Vol 241, Iss 2, pp 271-276

**ISSN/ISBN:** 0236-5731

**Addresses:** Martinho E, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** AUG

**IDS No.:** 225XN

**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

## Record 270 of 500

**Author(s):** Esteves MP; Andrade ME; Empis J  
**Title:** Detection of prior irradiation of dried fruits by electron spin resonance (ESR)  
**Source:** RADIATION PHYSICS AND CHEMISTRY 1999, Vol 55, Iss 5-6, pp 737-742  
**ISSN/ISBN:** 0969-806X  
**Addresses:** Empis J, Inst Super Tecn, Av Rovisco Pais, P-1096 Lisbon, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal  
INETI, IBQTA, Unidade Microbiol Ind & Bioproc, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** AUG  
**IDS No.:** 221YN  
**29-char source abbrev:** RADIAT PHYS CHEM

---

**Record 271 of 500**

**Author(s):** Nasraoui M; Bilal E; Gibert R  
**Title:** Fresh and weathered pyrochlore studies by Fourier transform infrared spectroscopy coupled with thermal analysis  
**Source:** MINERALOGICAL MAGAZINE 1999, Vol 63, Iss 4, pp 567-578  
**ISSN/ISBN:** 0026-461X  
**Addresses:** Nasraoui M, Inst Technol & Nucl, EN10,2686-953, Sacavem, Portugal  
Ecole Mines St Etienne, Dept Geochim, F-42023 St Etienne 02, France  
**Times Cited:** 2  
**Source item page count:** 12  
**Publication Date:** AUG  
**IDS No.:** 223AQ  
**29-char source abbrev:** MINER MAG

---

**Record 272 of 500**

**Author(s):** Kin FD; Prudencio MI; Gouveia MA; Magnusson E  
**Title:** Determination of rare earth elements in geological reference materials: A comparative study by INAA and ICP-MS

**Source:** GEOSTANDARDS NEWSLETTER-THE JOURNAL OF  
GEOSTANDARDS AND GEOANALYSIS 1999, Vol 23, Iss 1, pp 47-58

**ISSN/ISBN:** 0150-5505

**Addresses:** Kin FD, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Eduardo Mondlane Univ, Fac Sci, Dept Chem, Maputo, Mozambique  
Lulea Univ Technol, Svensk Grundamnesanalys, S-97187 Lulea, Sweden

**Times Cited:** 2

**Source item page count:** 12

**Publication Date:** JUN

**IDS No.:** 215WT

**29-char source abbrev:** GEOSTAND NEWSLETT-J GEOSTAND

---

**Record 273 of 500**

**Author(s):** Marchi A; Marvelli L; Cattabriga M; Rossi R; Neves M; Bertolasi V; Ferretti V

**Title:** Technetium(V) and rhenium(V) complexes of biguanide derivatives. Crystal structures

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS  
1999, Iss 12, pp 1937-1943

**ISSN/ISBN:** 0300-9246

**Addresses:** Marchi A, Univ Ferrara, Dipartimento Chim, Chim Inorgan Lab, Via L  
Borsari 46, I-44100 Ferrara, Italy  
Univ Ferrara, Dipartimento Chim, Chim Inorgan Lab, I-44100 Ferrara, Italy  
Univ Venice, Dipartimento Chim, I-30123 Venice, Italy  
Inst Tecnol & Nucl, Dept Quim, P-2685 Sacavem, Portugal  
Univ Ferrara, Dipartimento Chim, Ctr Strutturist Diffrattometr, I-44100  
Ferrara, Italy

**Times Cited:** 3

**Source item page count:** 7

**Publication Date:** JUN 21

**IDS No.:** 214BT

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

**Record 274 of 500**

**Author(s):** Maria L; Campello MP; Domingos A; Santos I; Andersen R  
**Title:** Synthesis and structure of uranium(III) complexes with dihydrobis(pyrazolyl)borates  
**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1999, Iss 12, pp 2015-2020  
**ISSN/ISBN:** 0300-9246  
**Addresses:** Santos I, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Calif Berkeley, Lawrence Berkeley Lab, Dept Chem, Berkeley, CA 94720 USA  
Univ Calif Berkeley, Lawrence Berkeley Lab, Div Chem Sci, Berkeley, CA 94720 USA  
**Times Cited:** 3  
**Source item page count:** 6  
**Publication Date:** JUN 21  
**IDS No.:** 214BT  
**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

**Record 275 of 500**

**Author(s):** Simao D; Lopes EB; Santos IC; Gama V; Henriques RT; Almeida M  
**Title:** Charge transfer salts based on Cu(qdt)(2), Ni(qdt)(2) and Au(qdt)(2) anions  
**Source:** SYNTHETIC METALS 1999, Vol 102, Iss 1-3, pp 1613-1614  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Simao D, Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** JUN  
**IDS No.:** 209PF  
**29-char source abbrev:** SYNTHET METAL

---

**Record 276 of 500**



**Author(s):** Ribera E; Rovira C; Veciana J; Tarres J; Canadell E; Rousseau R; Molins E; Mas M; Schoeffel JP; Pouget JP; Morgado J; Gama V; Henriques RT; Almeida M

**Title:** The (DT-TTF)-M(mnt)(2) family of compounds

**Source:** SYNTHETIC METALS 1999, Vol 102, Iss 1-3, pp 1743-1746

**ISSN/ISBN:** 0379-6779

**Addresses:** Ribera E, CSIC, Inst Ciencia Mat Barcelona, Campus UAB, E-08193 Barcelona, Spain  
CSIC, Inst Ciencia Mat Barcelona, E-08193 Barcelona, Spain  
CNRS, Phys Solides Lab, F-91405 Orsay, France  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** JUN

**IDS No.:** 209PF

**29-char source abbrev:** SYNTHET METAL

---

**Record 277 of 500**

**Author(s):** Belo D; Morgado J; Lopes EB; Santos IC; Rabaca S; Duarte MT; Gama V; Henriques RT; Almeida M

**Title:** Synthesis and characterisation of charge transfer salts based on Au(dcdmp)(2) and TTF type donors.

**Source:** SYNTHETIC METALS 1999, Vol 102, Iss 1-3, pp 1751-1752

**ISSN/ISBN:** 0379-6779

**Addresses:** Belo D, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** JUN

**IDS No.:** 209PF

**29-char source abbrev:** SYNTHET METAL

---

### Record 278 of 500

**Author(s):** Monchi K; Poirier M; Bourbonnais C; Matos MJ; Henriques RT  
**Title:** The Peierls transition in  $\text{Per}(2)[\text{AuxPt}_{1-x}(\text{mnt})_2]$ : pair-breaking field effects  
**Source:** SYNTHETIC METALS 1999, Vol 103, Iss 1-3, pp 2228-2231  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Monchi K, Univ Sherbrooke, Dept Phys, Ctr Rech Phys Solide, Sherbrooke, PQ J1K 2R1, Canada  
Univ Sherbrooke, Dept Phys, Ctr Rech Phys Solide, Sherbrooke, PQ J1K 2R1, Canada  
Inst Super Engn Lisboa, P-1900 Lisbon, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JUN  
**IDS No.:** 210JN  
**29-char source abbrev:** SYNTHET METAL

---

### Record 279 of 500

**Author(s):** Rabaca S; Gama V; Belo D; Santos IC; Duarte MT  
**Title:** Magnetic properties of  $[\text{Fe}(\text{Cp}^*)_2]^+$  salts of  $\text{M}(\text{dmit})_2$  and  $\text{M}(\text{dmio})_2$  ( $\text{M} = \text{Ni}, \text{Pd}$  and  $\text{Pt}$ ) anions  
**Source:** SYNTHETIC METALS 1999, Vol 103, Iss 1-3, pp 2302-2303  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Rabaca S, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 2  
**Publication Date:** JUN  
**IDS No.:** 210JN  
**29-char source abbrev:** SYNTHET METAL

---

### Record 280 of 500

**Author(s):** Freitas MC; Reis MA; Alves LC; Wolterbeek HT

**Title:** Distribution in Portugal of some pollutants in the lichen *Parmelia sulcata*  
**Source:** ENVIRONMENTAL POLLUTION 1999, Vol 106, Iss 2, pp 229-235  
**ISSN/ISBN:** 0269-7491  
**Addresses:** Freitas MC, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Tech Univ Delft, IRI, NL-2629 JB Delft, Netherlands  
**Times Cited:** 9  
**Source item page count:** 7  
**IDS No.:** 209YW  
**29-char source abbrev:** ENVIRON POLLUT

---

**Record 281 of 500**

**Author(s):** Kling A; Soares JC; da Silva MF  
**Title:** Simulation of channeling in crystals with defects using the CASSIS code  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 153, Iss 1-4, pp 457-460  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 4  
**Publication Date:** JUN  
**IDS No.:** 207LY  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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**Record 282 of 500**

**Author(s):** Campello MPC; Domingos A; Galvao A; de Matos AP; Santos I  
**Title:** Derivative chemistry of  $[UCl_2\{B(pz)(4)\}_2]$ : stability of complexes containing the fragments  $[U\{B(pz)(4)\}_2]$  and  $[U\{HB(pz)(3)\}_2]$   
**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 1999, Vol 579, Iss 1-2, pp 5-17

**ISSN/ISBN:** 0022-328X  
**Addresses:** Santos I, ITN, Dept Quim, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 13  
**Publication Date:** MAY 5  
**IDS No.:** 209HU  
**29-char source abbrev:** J ORGANOMETAL CHEM

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**Record 283 of 500**

**Author(s):** Cabral JAC; Varandas CAF  
**Title:** Influence of limiter biasing on the ISTTOK plasma confinement and stability  
**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1998, Vol 48, pp 59-59  
**ISSN/ISBN:** 0011-4626  
**Addresses:** Cabral JAC, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096  
Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096 Lisbon,  
Portugal  
**Times Cited:** 0  
**Source item page count:** 1  
**Supplement:** 3  
**IDS No.:** 206VB  
**29-char source abbrev:** CZECH J PHYS

---

**Record 284 of 500**

**Author(s):** Alves E; da Silva MF; Marques JG; Soares JC; Freitag K  
**Title:** Annealing behavior and lattice site location of Hf implanted GaN  
**Source:** MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE  
MATERIALS FOR ADVANCED TECHNOLOGY 1999, Vol 59, Iss 1-3, pp  
207-210  
**ISSN/ISBN:** 0921-5107

**Addresses:** Alves E, Inst Tecnol & Nucl, EN 10, Sacavem, Portugal  
Inst Tecnol & Nucl, Sacavem, Portugal  
Univ Lisbon, CFN, P-1699 Lisbon, Portugal  
Univ Bonn, ISKP, D-53115 Bonn, Germany

**Times Cited:** 7

**Source item page count:** 4

**Publication Date:** MAY 6

**IDS No.:** 203CB

**29-char source abbrev:** MATER SCI ENG B-SOLID STATE M

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### Record 285 of 500

**Author(s):** Barradas NP; Keddie JL; Sackin R

**Title:** Bayesian inference analysis of ellipsometry data

**Source:** PHYSICAL REVIEW E 1999, Vol 59, Iss 5, pp 6138-6151

**ISSN/ISBN:** 1063-651X

**Addresses:** Keddie JL, Univ Surrey, Sch Phys Sci, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Sch Phys Sci, Guildford GU2 5XH, Surrey, England  
Univ Surrey, Sch Elect Engn Informat Technol & Math, Guildford GU2 5XH, Surrey, England  
Inst Tecnol Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 4

**Source item page count:** 14

**Publication Date:** MAY

**Part number:** B

**IDS No.:** 197TZ

**29-char source abbrev:** PHYS REV E

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### Record 286 of 500

**Author(s):** Goncalves IC; Ramalho AG; Goncalves IF; Salgado J; Pertusa J; Irlas A;  
Mascarenhas F; Castro M; Valle F; Rico JT; Alcober V

**Title:** Work in the field of BNCT using the Portuguese Research Reactor

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
1999, Vol 240, Iss 2, pp 431-432

**ISSN/ISBN:** 0236-5731

**Addresses:** Goncalves IC, ITN, Inst Tecnol & Nucl, Estrada Nac 10, P-2685 Sacavem, Portugal  
ITN, Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Fac Med Lisboa, Ctr Farmacol Expt & Clin, Lisbon, Portugal  
Hosp Santa Maria, Serv Radioterapia, Lisbon, Portugal  
Univ Valencia, Dept Biol Anim, E-46003 Valencia, Spain  
Univ Politecn Madrid, ETSI Telecomunicac, E-28040 Madrid, Spain

**Times Cited:** 1

**Source item page count:** 2

**Publication Date:** MAY

**IDS No.:** 197AN

**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

**Record 287 of 500**

**Author(s):** Takeya H; Kuznietz M

**Title:** Magnetic properties of the (Pr,Dy)Ni<sub>2</sub>B<sub>2</sub>C solid solutions

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 195, Iss 2, pp 366-375

**ISSN/ISBN:** 0304-8853

**Addresses:** Kuznietz M, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
Natl Res Inst Met, Tsukuba, Ibaraki 3050047, Japan  
Japan Sci & Technol Corp, Core Res Evolut Sci & Technol, Tsukuba, Ibaraki 3050047, Japan

**Times Cited:** 8

**Source item page count:** 10

**Publication Date:** MAY

**IDS No.:** 196HH

**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 288 of 500**

**Author(s):** Cabral JAC; Fernandes H; Figueiredo H; Varandas CAF

**Title:** Operation of the tokamak ISTTOK in a multicycle alternating flat-top plasma current regime

**Source:** NUCLEAR FUSION 1997, Vol 37, Iss 11, pp 1575-1581  
**ISSN/ISBN:** 0029-5515  
**Addresses:** Cabral JAC, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, Lisbon, Portugal  
**Times Cited:** 3  
**Source item page count:** 7  
**Publication Date:** NOV  
**IDS No.:** 195LK  
**29-char source abbrev:** NUCL FUSION

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**Record 289 of 500**

**Author(s):** Sousa JB; de Azevedo MMP; Rogalski MS; Pogorelov YG; Redondo LM; de Jesus CM; Marques JG; da Silva MF; Soares JC; Ousset JC; Snoeck E  
**Title:** GMR in high fluence ion implanted granular thin films  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 13-17  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Sousa JB, Univ Porto, Fac Ciencias, Inst Fis Mat IFIMUP, Rua Campo Alegre 687, P-4150 Porto, Portugal  
Univ Porto, Fac Ciencias, Inst Fis Mat IFIMUP, P-4150 Porto, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
CNRC, Serv Nat Champs Magnet Pulses, F-31077 Toulouse, France  
CNRS, CEMES, F-31055 Toulouse 4, France  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAY  
**IDS No.:** 195VB  
**29-char source abbrev:** J MAGN MAGN MATER

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**Record 290 of 500**

**Author(s):** Serio S; Goncalves AP; Waerenborgh JC; Almeida M; Godinho M  
**Title:** Structural and magnetic studies on UFe<sub>4</sub>Al<sub>8-x</sub>Gax (0 < x < 2)

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 302-304

**ISSN/ISBN:** 0304-8853

**Addresses:** Godinho M, Univ Lisbon, Fac Ciencias, Dept Fis, Campo Grande Ed C1, P-1700 Lisbon, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY

**IDS No.:** 195VB

**29-char source abbrev:** J MAGN MAGN MATER

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**Record 291 of 500**

**Author(s):** Lourenco AACs; Araujo JP; Amaral VS; Tavares PB; Sousa JB; Vieira JM; Alves E; da Silva MF; Soares JC

**Title:** Properties of epitaxial LaCaMnO laser ablated thin films on (100) and (110) SrTiO<sub>3</sub> substrates

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 495-497

**ISSN/ISBN:** 0304-8853

**Addresses:** Amaral VS, Dept Fis, IFIMUP, Rua Campo Alegre 687, P-4150 Porto, Portugal  
Dept Fis, IFIMUP, P-4150 Porto, Portugal  
Univ Aveiro, Dept Fis, P-3810 Aveiro, Portugal  
INESC, P-4150 Porto, Portugal  
Univ Aveiro, Dept Engn Ceram & Vidro, P-3180 Aveiro, Portugal  
Univ Tras os Montes & Alto Douro, Seccao Quim, P-5000 Vila Real, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY

**IDS No.:** 195VB

**29-char source abbrev:** J MAGN MAGN MATER



**Record 292 of 500**

**Author(s):** Waerenborgh JC; Goncalves AP; Godinho M; Almeida M  
**Title:** Mossbauer effect study of the magnetization cycle of an UFe<sub>4</sub>Al<sub>18</sub> single crystal  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 696-698  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** MAY  
**IDS No.:** 195VB  
**29-char source abbrev:** J MAGN MAGN MATER

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**Record 293 of 500**

**Author(s):** Goncalves AP; Waerenborgh JC; Serio S; Godinho M; Almeida M  
**Title:** Physical properties of UFe<sub>4</sub>Al<sub>18</sub> carbides  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 784-785  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Goncalves AP, Inst Technol & Nucl, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
Inst Technol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** MAY  
**IDS No.:** 195VB  
**29-char source abbrev:** J MAGN MAGN MATER

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## Record 294 of 500

**Author(s):** Pereira LCJ; Almeida M; Estrela P; Godinho M; Rebizant J; Spirlet JC; Pinto RP; Amado MM; Braga ME; Sousa JB

**Title:** Magnetic and transport properties of U<sub>2</sub>Pt<sub>2</sub>In single crystals

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1999, Vol 197, pp 885-887

**ISSN/ISBN:** 0304-8853

**Addresses:** Pereira LCJ, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
FCUL, Dept Fis, P-1700 Lisbon, Portugal  
ITU, Joint Res Ctr, EC, D-76125 Karlsruhe, Germany  
Univ Oporto, Fac Ciencia, IFIMUP, Ctr Fis, P-4000 Oporto, Portugal

**Times Cited:** 0

**Source item page count:** 3

**Publication Date:** MAY

**IDS No.:** 195VB

**29-char source abbrev:** J MAGN MAGN MATER

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## Record 295 of 500

**Author(s):** Marques F; Crespo ME; Silva ZI; Bicho M

**Title:** Redox modulation of reductase and phosphatase activities in human erythrocytes

**Source:** PROTOPLASMA 1999, Vol 206, Iss 1-3, pp 168-173

**ISSN/ISBN:** 0033-183X

**Addresses:** Bicho M, Univ Lisbon, Fac Med, Genet Lab, Av Prof Egas Moniz, P-1699 Lisbon, Portugal  
Univ Lisbon, Fac Med, Genet Lab, P-1699 Lisbon, Portugal  
Inst Portugues Oncol Francisco Gentil, Lab Tec Nucl, Dept Radioisotopos, Lisbon, Portugal  
Inst Portugues Oncol Francisco Gentil, Lab Endocrinol, Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 6

**IDS No.:** 191XM

**29-char source abbrev:** PROTOPLASMA

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## Record 296 of 500

**Author(s):** Pinheiro T; de Almeida AB; Alves L; Freitas MC; Moniz D; Alvarez E; Monteiro P; Reis M

**Title:** Biological monitoring of toxic metals - steel workers respiratory health survey

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 150, Iss 1-4, pp 185-192

**ISSN/ISBN:** 0168-583X

**Addresses:** Pinheiro T, Nucl & Technol Inst, EN 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal  
Univ Lisbon, Fac Med, Dept Pneumol, P-1700 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 8

**Publication Date:** APR

**IDS No.:** 192AZ

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 297 of 500

**Author(s):** Pinheiro T; Araujo MF; Carreira PM; Valerio P; Nunes D; Alves LC

**Title:** Pollution assessment in the Trancoa river basin (Portugal) by PIXE, EDXRF and isotopic analysis

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 150, Iss 1-4, pp 306-311

**ISSN/ISBN:** 0168-583X

**Addresses:** Pinheiro T, Nucl & Technol Inst, EN 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 6

**Publication Date:** APR

**IDS No.:** 192AZ

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 298 of 500

**Author(s):** Correia JG; Marques JG; Melo AA; Soares JC; Haas H

**Title:** On-line perturbed angular correlation studies with the short lived Cs-127 probe

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 152, Iss 2-3, pp 357-364

**ISSN/ISBN:** 0168-583X

**Addresses:** Soares JC, CFNUL, Av Prof Gama Pinto 2, Lisbon, Portugal  
CFNUL, Lisbon, Portugal  
CERN, CH-1211 Geneva 23, Switzerland  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Hahn Meitner Inst Kernforsch Berlin GmbH, D-14109 Berlin, Germany

**Times Cited:** 1

**Source item page count:** 8

**Publication Date:** MAY

**IDS No.:** 191VC

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 299 of 500

**Author(s):** Bizarro JPS; Figueiredo AC

**Title:** The Wigner distribution as a tool for time-frequency analysis of fusion plasma signals: application to broadband reflectometry data

**Source:** NUCLEAR FUSION 1999, Vol 39, Iss 1, pp 61-82

**ISSN/ISBN:** 0029-5515

**Addresses:** Bizarro JPS, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 22

**Publication Date:** JAN

**IDS No.:** 192TP

**29-char source abbrev:** NUCL FUSION

---

**Record 300 of 500**

**Author(s):** Shlyk L; Waerenborgh JC; Estrela P; De Long LE; de Visser A; Almeida M  
**Title:** Non-Fermi-liquid behaviour of  $U_{3-x}Ni_3Sn_{4-y}$  single crystals  
**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1999, Vol 11, Iss 17, pp 3525-3534  
**ISSN/ISBN:** 0953-8984  
**Addresses:** Shlyk L, B Verkin Inst Low Temp Phys & Engn, 47 Lenin Ave, UA-310164 Kharkov, Ukraine  
B Verkin Inst Low Temp Phys & Engn, UA-310164 Kharkov, Ukraine  
Univ Kentucky, Dept Phys & Astron, Lexington, KY 40506 USA  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Amsterdam, Van der Waals Zeeman Inst, NL-1018 XE Amsterdam, Netherlands  
**Times Cited:** 5  
**Source item page count:** 10  
**Publication Date:** MAY 3  
**IDS No.:** 193UB  
**29-char source abbrev:** J PHYS-CONDENS MATTER

---

**Record 301 of 500**

**Author(s):** Kling A; Soares JC; Da Silva MF  
**Title:** Computer simulation of channeling spectra with the CASSIS program  
**Source:** RADIATION EFFECTS AND DEFECTS IN SOLIDS 1997, Vol 141, Iss 1-4, pp 53-61  
**ISSN/ISBN:** 1042-0150  
**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2695 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 9  
**IDS No.:** 190YL  
**29-char source abbrev:** RADIAT EFF DEFECT SOLID

---

### Record 302 of 500

**Author(s):** Wu AY; Vilarinho PM; Salvado IMM; Baptista JL; de Jesus CM; da Silva MF

**Title:** Characterization of seeded sol-gel lead zirconate titanate thin films

**Source:** JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 1999, Vol 19, Iss 6-7, pp 1403-1407

**ISSN/ISBN:** 0955-2219

**Addresses:** Baptista JL, Univ Aveiro, UIMC, Dept Ceram & Glass Engn, P-3810 Aveiro, Portugal  
Univ Aveiro, UIMC, Dept Ceram & Glass Engn, P-3810 Aveiro, Portugal  
Nucl Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 5

**IDS No.:** 191MB

**29-char source abbrev:** J EUR CERAM SOC

---

### Record 303 of 500

**Author(s):** Paulo A; Ascenso J; Domingos A; Galvao A; Santos I

**Title:** Rhenium-(III) and -(V) hydride complexes with modified poly(pyrazolyl)borates

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1999, Iss 8, pp 1293-1300

**ISSN/ISBN:** 0300-9246

**Addresses:** Santos I, ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
Inst Super Tecn, Ctr Quim Estrutural, P-1096 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 8

**Publication Date:** APR 21

**IDS No.:** 191LY

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

### Record 304 of 500

**Author(s):** Sousa RC; Sun JJ; Soares V; Freitas PP; Kling A; da Silva MF; Soares JC

**Title:** Temperature dependence and annealing effects on spin dependent tunnel junctions  
**Source:** JOURNAL OF APPLIED PHYSICS 1999, Vol 85, Iss 8, pp 5258-5260  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Sousa RC, INESC, Rua Alves Redol 9-1, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
ITN, P-2685 Sacavem, Portugal  
Inst Super Tecn, P-1096 Lisbon, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
**Times Cited:** 20  
**Source item page count:** 3  
**Publication Date:** APR 15  
**Part number:** 2A  
**IDS No.:** 188MK  
**29-char source abbrev:** J APPL PHYS

---

**Record 305 of 500**

**Author(s):** Oliveira MC; Marcalo J; Vieira MC; Ferreira MAA  
**Title:** Formation of some transition metal oxide cluster anions and reactivity towards methanol in the gas phase  
**Source:** INTERNATIONAL JOURNAL OF MASS SPECTROMETRY 1999, Vol 187, pp 825-835  
**ISSN/ISBN:** 1387-3806  
**Addresses:** Ferreira MAA, Ctr Espectrometria Massa, Complexo I IST, Av Rovisco Pais, P-1096 Lisbon, Portugal  
Ctr Espectrometria Massa, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Quim, P-1700 Lisbon, Portugal  
**Times Cited:** 2  
**Source item page count:** 11  
**Publication Date:** APR 29  
**IDS No.:** 188PV  
**29-char source abbrev:** INT J MASS SPECTROM

---

### Record 306 of 500

**Author(s):** Waerenborgh JC; Goncalves AP; Almeida M  
**Title:** Magnetization of the Fe sublattices in UFe<sub>x</sub>Al<sub>12-x</sub> (4 ≤ x ≤ 5.8) studied by Mossbauer spectroscopy  
**Source:** SOLID STATE COMMUNICATIONS 1999, Vol 110, Iss 7, pp 369-374  
**ISSN/ISBN:** 0038-1098  
**Addresses:** Waerenborgh JC, Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686953 Sacavem, Portugal  
**Times Cited:** 9  
**Source item page count:** 6  
**IDS No.:** 187EM  
**29-char source abbrev:** SOLID STATE COMMUN

---

### Record 307 of 500

**Author(s):** Alves E; DaSilva MF; Soares JC; Bartels J; Vianden R; Abernathy CR; Pearton SJ  
**Title:** RBS lattice site location and damage recovery studies in GaN  
**Source:** MRS INTERNET JOURNAL OF NITRIDE SEMICONDUCTOR RESEARCH 1999, Vol 4, pp U943-U949  
**ISSN/ISBN:** 1092-5783  
**Addresses:** Alves E, ITN, Sacavem, Portugal  
ITN, Sacavem, Portugal  
Univ Bonn, ISKP, D-53115 Bonn, Germany  
Univ Florida, Dept Mat Sci & Engr, Gainesville, FL 32611 USA  
**Times Cited:** 0  
**Source item page count:** 7  
**Supplement:** 1  
**IDS No.:** 185QC  
**29-char source abbrev:** MRS INTERNET J NITRIDE SEMI R

---

### Record 308 of 500

**Author(s):** Silva CG; Fielding SJ; Axon KB; Booth MG  
**Title:** SOL currents and divertor asymmetries on COMPASS-D



**Source:** JOURNAL OF NUCLEAR MATERIALS 1999, Vol 269, pp 679-684  
**ISSN/ISBN:** 0022-3115  
**Addresses:** Silva CG, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096  
Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon,  
Portugal  
UKAEA Euratom Fus Assoc, Culham Sci Ctr, Abingdon OX14 3DB, Oxon,  
England  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** MAR  
**IDS No.:** 186JG  
**29-char source abbrev:** J NUCL MATER

---

**Record 309 of 500**

**Author(s):** Kling A; Soares JC; da Silva MF; Rebouta L; Kollwe D; Krause H;  
Flagmeyer RH; Vogt J  
**Title:** Determination of impurity lattice sites in single crystals using PIXE  
channeling  
**Source:** X-RAY SPECTROMETRY 1999, Vol 28, Iss 2, pp 105-109  
**ISSN/ISBN:** 0049-8246  
**Addresses:** Kling A, Univ Nova Lisboa, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1669  
Lisbon, Portugal  
Univ Nova Lisboa, Ctr Fis Nucl, P-1669 Lisbon, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
Univ Minho, Dept Fis, P-4719 Braga, Portugal  
Univ Stuttgart, Inst Strahlenphys, D-70550 Stuttgart, Germany  
Univ Leipzig, Fak Phys & Geowissensch, Abt Nukl Festkorperphys, D-04103  
Leipzig, Germany  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAR-APR  
**IDS No.:** 183XJ  
**29-char source abbrev:** X-RAY SPECTROM

---

**Record 310 of 500**

**Author(s):** Bizarro JPS; Ferreira JS; Nakach R

**Title:** A theoretical analysis on electrostatic lower-hybrid wave propagation in plasmas with magnetic ripple: Nonlinear oscillations, resonances, ray tracing, and spectral gap

**Source:** PHYSICS OF PLASMAS 1999, Vol 6, Iss 4, pp 1131-1146

**ISSN/ISBN:** 1070-664X

**Addresses:** Bizarro JPS, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
CEA, EURATOM Assoc, Dept Rech Fus Controlee, Ctr Etud Cadarache, F-13108 St Paul Durance, France

**Times Cited:** 0

**Source item page count:** 16

**Publication Date:** APR

**IDS No.:** 179WY

**29-char source abbrev:** PHYS PLASMAS

---

**Record 311 of 500**

**Author(s):** Coelho RM; Lazzaro E; Nave MF; Serra F

**Title:** Nonlinear coupling of rotating magnetic island triplets

**Source:** PHYSICS OF PLASMAS 1999, Vol 6, Iss 4, pp 1194-1202

**ISSN/ISBN:** 1070-664X

**Addresses:** Coelho RM, CNR, Ist Fis Plasma, Milan, Italy  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
CNR, ENEA, EURATOM, Ist Fis Plasma, Milan, Italy  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 9

**Publication Date:** APR

**IDS No.:** 179WY

**29-char source abbrev:** PHYS PLASMAS

---

**Record 312 of 500**

**Author(s):** Hess C; Schlenker C; Bonfait G; Marin EG; Groult D; Marcus J; Dumas J

**Title:** Localization effects in the charge density wave state of the quasi-two-dimensional conductors (PO<sub>2</sub>)(<sub>4</sub>)(WO<sub>3</sub>)(<sub>2m</sub>) (m=7)

**Source:** PHYSICA B 1999, Vol 261, pp 974-975

**ISSN/ISBN:** 0921-4526

**Addresses:** Dumas J, CNRS, Etud Proprietes Elect Solides Lab, BP 166, F-38042 Grenoble 9, France  
CNRS, Etud Proprietes Elect Solides Lab, F-38042 Grenoble 9, France  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Univ Caen, ISMRA, CNRS UMR 6508, Lab CRISMAT, F-14050 Caen, France

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** JAN

**IDS No.:** 179FR

**29-char source abbrev:** PHYSICA B

---

**Record 313 of 500**

**Author(s):** Paixao JA; Pereira LCJ; Estrela P; Godinho M; Almeida M; Paolasini L; Bonnet M; Rebizant J; Spirlet JC

**Title:** Magnetization density distribution in U<sub>2</sub>Co<sub>2</sub>Sn

**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1999, Vol 11, Iss 9, pp 2115-2125

**ISSN/ISBN:** 0953-8984

**Addresses:** Paixao JA, Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3000 Coimbra, Portugal  
Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3000 Coimbra, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Ctr Etud Saclay, CNRS, CEA, Leon Brillouin Lab, F-91191 Gif Sur Yvette, France  
SPSMS, Dept Rech Fondamentale Mat Condensee, F-38054 Grenoble 9, France  
Commiss European Communities, Joint Res Ctr, Inst Transuranium Elements, D-76125 Karlsruhe, Germany

**Times Cited:** 0  
**Source item page count:** 11  
**Publication Date:** MAR 8  
**IDS No.:** 177KL  
**29-char source abbrev:** J PHYS-CONDENS MATTER

---

**Record 314 of 500**

**Author(s):** Canena J; Reis J; Pinto AS; Santos AM; Leitao J; Pinheiro T; Quina MG  
**Title:** Distribution of bismuth in the rat after oral dosing with ranitidine bismuth citrate and bismuth subcitrate  
**Source:** JOURNAL OF PHARMACY AND PHARMACOLOGY 1998, Vol 50, Iss 3, pp 279-283  
**ISSN/ISBN:** 0022-3573  
**Addresses:** Canena J, Univ Nova Lisboa, Hosp Pulido Valente, Clin Univ Med Interna & Gastroenterol, Alameda Linhas Torres 117, P-1799 Lisbon, Portugal  
Univ Nova Lisboa, Hosp Pulido Valente, Clin Univ Med Interna & Gastroenterol, P-1799 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, Sacavem, Portugal  
**Times Cited:** 3  
**Source item page count:** 5  
**Publication Date:** MAR  
**IDS No.:** 174PL  
**29-char source abbrev:** J PHARM PHARMACOL

---

**Record 315 of 500**

**Author(s):** Antunes J; Mendes J; Moreira M; Grunenwald T  
**Title:** A theoretical model for nonlinear planar motions of rotors under fluid confinement  
**Source:** JOURNAL OF FLUIDS AND STRUCTURES 1999, Vol 13, Iss 1, pp 103-126  
**ISSN/ISBN:** 0889-9746  
**Addresses:** Antunes J, Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
CEA, Dept Mecan & Technol, F-91191 Gif Sur Yvette, France

**Times Cited:** 1  
**Source item page count:** 24  
**Publication Date:** JAN  
**IDS No.:** 174CQ  
**29-char source abbrev:** J FLUID STRUCTURE

---

**Record 316 of 500**

**Author(s):** Conde JP; Chu V; da Silva MF; Kling A; Dai Z; Soares JC; Arekat S; Fedorov A; Berberan-Santos MN; Giorgis F; Pirri CF  
**Title:** Optoelectronic and structural properties of amorphous silicon-carbon alloys deposited by low-power electron-cyclotron resonance plasma-enhanced chemical-vapor deposition  
**Source:** JOURNAL OF APPLIED PHYSICS 1999, Vol 85, Iss 6, pp 3327-3338  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Conde JP, Inst Super Tecn, Dept Mat Engn, Ave Rovisco Pais, P-1096 Lisbon, Portugal  
Inst Super Tecn, Dept Mat Engn, P-1096 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Savavem, Portugal  
Univ Lisbon, Ctr Phys Nucl, P-1699 Lisbon, Portugal  
Univ Bahrain, Coll Sci, Dept Phys, Isa Town, Bahrain  
Inst Super Tecn, Ctr Quim Fis Mol, P-1096 Lisbon, Portugal  
Politecn Turin, Dept Phys, I-10129 Turin, Italy  
Politecn Turin, Ist Nazl Fis Nucl, I-10129 Turin, Italy

**Times Cited:** 13  
**Source item page count:** 12  
**Publication Date:** MAR 15  
**IDS No.:** 174EM  
**29-char source abbrev:** J APPL PHYS

---

**Record 317 of 500**

**Author(s):** McHargue CJ; Alves E; da Silva MF; Soares JC  
**Title:** Effect of crystal orientation on damage accumulation and post-implantation annealing for iron implantation into sapphire

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 148, Iss 1-4, pp 730-734

**ISSN/ISBN:** 0168-583X

**Addresses:** McHargue CJ, Univ Tennessee, Ctr Mat Proc, 100 Estabrook Hall, Knoxville,  
TN 37996 USA  
Univ Tennessee, Ctr Mat Proc, Knoxville, TN 37996 USA  
Nucl & Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 5

**Publication Date:** JAN

**IDS No.:** 166KT

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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**Record 318 of 500**

**Author(s):** Araujo JP; Correia JG; Wahl U; Marques JG; Alves E; Amaral VS; Lourenco  
AA; Galindo V; von Papen T; Senateur JP; Weiss F; Vantomme A;  
Langouche G; Melo AA; da Silva MF; Soares JC; Sousa JB

**Title:** Stability and diffusion of Hg implanted YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub>

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 148, Iss 1-4, pp 807-812

**ISSN/ISBN:** 0168-583X

**Addresses:** Correia JG, CERN, Div EP SC, CH-1211 Geneva 23, Switzerland  
CERN, Div EP SC, CH-1211 Geneva 23, Switzerland  
Fac Ciencias, IFIMUP, P-4150 Porto, Portugal  
CFNUL, P-1699 Lisbon, Portugal  
Katholieke Univ Leuven, Inst Kern & Stralingsfys, B-3001 Louvain, Belgium  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Aveiro, Dept Fis, P-3800 Aveiro, Portugal  
INPG, ENSPG, UMR CNRS 5628, F-38402 St Martin Dheres, France

**Times Cited:** 3

**Source item page count:** 6

**Publication Date:** JAN

**IDS No.:** 166KT

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 319 of 500**

**Author(s):** Kling A; Soares JC; da Silva MF

**Title:** Optical and structural properties of chromium implanted lithium niobate - cluster formation and substitutional incorporation

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 148, Iss 1-4, pp 1044-1048

**ISSN/ISBN:** 0168-583X

**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** JAN

**IDS No.:** 166KT

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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**Record 320 of 500**

**Author(s):** Alves E; da Silva RC; Conde O; da Silva MF; Soares JC

**Title:** Formation of coherent precipitates of platinum in sapphire

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1999, Vol 148, Iss 1-4, pp 1049-1053

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Inst Technol & Nucl, Dept Fis, EN 10, P-2685 Sacavem, Portugal  
Inst Technol & Nucl, Dept Fis, P-2685 Sacavem, Portugal  
FCUL, Dept Fis, P-1700 Lisbon, Portugal  
CFNUL, P-1600 Lisbon, Portugal

**Times Cited:** 3

**Source item page count:** 5

**Publication Date:** JAN

**IDS No.:** 166KT

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

**Record 321 of 500**

**Author(s):** Paulino M; Antunes J; Izquierdo P

**Title:** Remote identification of impact forces on loosely supported tubes: Analysis of multi-supported systems

**Source:** JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME 1999, Vol 121, Iss 1, pp 61-70

**ISSN/ISBN:** 0094-9930

**Addresses:** Paulino M, ITN, ADL, P-2686 Sacavem, Portugal  
ITN, ADL, P-2686 Sacavem, Portugal  
CEA, DMT, F-91191 Gif Sur Yvette, France

**Times Cited:** 0

**Source item page count:** 10

**Publication Date:** FEB

**IDS No.:** 168PQ

**29-char source abbrev:** J PRESSURE VESSEL TECHNOL

---

**Record 322 of 500**

**Author(s):** Martin MJ; Calzada ML; Mendiola J; Da Silva MF; Soares JC

**Title:** Study by Rutherford backscattering spectroscopy of the heterostructure of lead titanate thin films

**Source:** JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY 1998, Vol 13, Iss 1-3, pp 843-847

**ISSN/ISBN:** 0928-0707

**Addresses:** Calzada ML, CSIC, Inst Ciencia Mat Madrid, Madrid 28049, Spain  
CSIC, Inst Ciencia Mat Madrid, Madrid 28049, Spain  
Inst Tecnol & Nuclr, Dept Fis, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis, P-1699 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 5

**IDS No.:** 164MM

**29-char source abbrev:** J SOL-GEL SCI TECHNOL

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### Record 323 of 500

**Author(s):** Vieira AJSC; Telo JP; Pereira HF; Patrocinio PF; Dias RMB  
**Title:** Antioxidant effect of naturally occurring xanthenes on the oxidative damage of DNA bases  
**Source:** JOURNAL DE CHIMIE PHYSIQUE ET DE PHYSICO-CHIMIE BIOLOGIQUE 1999, Vol 96, Iss 1, pp 116-123  
**ISSN/ISBN:** 0021-7689  
**Addresses:** Vieira AJSC, Inst Super Tecn, Seccao Quim Organ, Av Rovisco Pais, P-1096 Lisbon, Portugal  
Inst Super Tecn, Seccao Quim Organ, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** JAN  
**IDS No.:** 165TH  
**29-char source abbrev:** J CHIM PHYS PHYS-CHIM BIOL

---

### Record 324 of 500

**Author(s):** Martin JE; Garcia-Tenorio R; Respaldiza MA; Ontalba MA; Bolivar JP; da Silva MF  
**Title:** TTPIXE analysis of phosphate rocks and phosphogypsum  
**Source:** APPLIED RADIATION AND ISOTOPES 1999, Vol 50, Iss 2, pp 445-449  
**ISSN/ISBN:** 0969-8043  
**Addresses:** Martin JE, Univ Sevilla, Fac Fis, Dept FAMN, Aptdo 1065, E-41080 Seville, Spain  
Univ Sevilla, Fac Fis, Dept FAMN, E-41080 Seville, Spain  
Univ Sevilla, ETSA, Dept Fis Aplicada, E-41012 Seville, Spain  
Univ Huelva, EPS La Rabida, Dept Fis Aplicada, Palos 21819, Huelva, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** FEB  
**IDS No.:** 166AY  
**29-char source abbrev:** APPL RADIAT ISOTOPES

---

**Record 325 of 500**

**Author(s):** Chu V; Silva H; Redondo LM; Jesus C; Silva MF; Soares JC; Conde JP  
**Title:** Ion implantation of microcrystalline silicon for low process temperature top gate thin film transistors  
**Source:** THIN SOLID FILMS 1999, Vol 337, Iss 1-2, pp 203-207  
**ISSN/ISBN:** 0040-6090  
**Addresses:** Chu V, INESC, Rua Alves Redol 9, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
Inst Tecnol & Nucl, Sacavem, Portugal  
Inst Super Tecn, Dept Mat Engn, P-1096 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** JAN 11  
**IDS No.:** 162NM  
**29-char source abbrev:** THIN SOLID FILMS

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**Record 326 of 500**

**Author(s):** Rodriguez A; Rodriguez T; Kling A; Soares JC; Da Silva MF; Ballesteros C  
**Title:** Strain relaxation mechanisms in Si<sub>1-x</sub>Gex layers grown by solid-phase epitaxy: Influence of the layer composition and growth temperature  
**Source:** JOURNAL OF ELECTRONIC MATERIALS 1999, Vol 28, Iss 2, pp 77-82  
**ISSN/ISBN:** 0361-5235  
**Addresses:** Rodriguez A, UPM, ETSI Telecomunicac, Dept Tecnol Elect, Ciudad Univ S-N, Madrid, Spain  
UPM, ETSI Telecomunicac, Dept Tecnol Elect, Madrid, Spain  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Fis, P-2685 Sacavem, Portugal  
Univ Carlos III Madrid, Escuela Politecn Super, Dept Fis, Leganes 28911, Spain  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** FEB  
**IDS No.:** 164NE  
**29-char source abbrev:** J ELECTRON MATER

---

### Record 327 of 500

**Author(s):** Martin MJ; Alguero M; Calzada ML; Pardo L; Da Silva MF; Soares YJC  
**Title:** Compositional study of (Pb,La)TiO<sub>3</sub> thin films by Rutherford backscattering spectroscopy  
**Source:** BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO 1998, Vol 37, Iss 2-3, pp 127-131  
**ISSN/ISBN:** 0366-3175  
**Addresses:** Martin MJ, CSIC, Inst Ciencia Mat Madrid, Plaza Murillo 2, E-28049 Madrid, Spain  
CSIC, Inst Ciencia Mat Madrid, E-28049 Madrid, Spain  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
**Times Cited:** 3  
**Source item page count:** 5  
**Publication Date:** MAR-JUN  
**IDS No.:** 161TW  
**29-char source abbrev:** BOL SOC ESP CERAM VIDR

---

### Record 328 of 500

**Author(s):** Carvalho BB; Sousa J; Varandas CAF  
**Title:** A low cost PCI-VME controller for control and data acquisition systems on fusion experiments  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 505-508  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Carvalho BB, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

### Record 329 of 500

**Author(s):** Correia C; Combo A; Correia M; Simoes JB; Coelho P; Carvalho BB; Sousa J; Varandas CAF

**Title:** Two fast VME transient recorder systems with 12 bits and multiple differential inputs

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 509-512

**ISSN/ISBN:** 0034-6748

**Addresses:** Correia C, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 4

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** 161FQ

**29-char source abbrev:** REV SCI INSTR

---

### Record 330 of 500

**Author(s):** Santos J; Nunes F; Manso M; Nunes I

**Title:** Neural network evaluation of reflectometry density profiles for control purposes

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 521-524

**ISSN/ISBN:** 0034-6748

**Addresses:** Santos J, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** 161FQ

**29-char source abbrev:** REV SCI INSTR

**Record 331 of 500**

**Author(s):** Alonso MP; Wilcock PD; Varandas CAF  
**Title:** A multipoint Thomson scattering diagnostic for the tokamak ISTTOK  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 783-786  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Alonso MP, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096  
Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon,  
Portugal  
**Times Cited:** 1  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

---

**Record 332 of 500**

**Author(s):** Goncalves BMS; Varandas CAF; Malaquias A; Mendonca JT; Cabral JAC  
**Title:** Plasma potential profile determination by a new diagnostic based on neutral  
particle beam injection and laser induced fluorescence  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 908-911  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Goncalves BMS, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-  
1096 Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon,  
Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

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---

**Record 333 of 500**

**Author(s):** Bizarro JPS; Figueiredo AC  
**Title:** On complex demodulation and time-frequency distributions for broadband reflectometry signals  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 1030-1033  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Bizarro JPS, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1049001 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

---

**Record 334 of 500**

**Author(s):** Nunes FD; Santos J; Manso ME  
**Title:** Recursive algorithm for fast evaluation of the Abel inversion integral in broadband reflectometry  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 1047-1050  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Nunes FD, Inst Super Tecn, EURATOM IST Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
Inst Super Tecn, EURATOM IST Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ

**29-char source abbrev:** REV SCI INSTR

---

**Record 335 of 500**

**Author(s):** Varela P; Manso M; Nunes I; Santos J; Nunes F; Silva A; Silva F  
**Title:** Automatic evaluation of plasma density profiles from microwave reflectometry on ASDEX upgrade based on the time-frequency distribution of the reflected signals  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 1060-1063  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Varela P, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1096 Lisbon, Portugal  
**Times Cited:** 6  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

---

**Record 336 of 500**

**Author(s):** Silva A; Cupido L; Manso M; Serra F; Nunes I; Santos J; Varela P; Vergamota S; Meneses L; Grossman V; Silva F; Loureiro C; Nunes F; Kurzan B; Suttrop W  
**Title:** Microwave reflectometry diagnostic for density profile and fluctuation measurements on ASDEX Upgrade  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1999, Vol 70, Iss 1, pp 1072-1075  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Silva A, Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, Assoc EURATOM IST, P-1096 Lisbon, Portugal  
EURATOM IPP Assoc, Garching, Germany

**Times Cited:** 5  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** 161FQ  
**29-char source abbrev:** REV SCI INSTR

---

**Record 337 of 500**

**Author(s):** Rodrigues AP; Correia CMB; Varandas CAF; Schneider F  
**Title:** Multiple DSP system for real time parallel processing and feedback control on fusion experiments  
**Source:** FUSION ENGINEERING AND DESIGN 1999, Vol 43, Iss 3-4, pp 401-405  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Varandas CAF, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
EURATOM Assoc, IPP, Max Planck Inst Plasmaphys, D-85748 Garching, Germany  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** JAN  
**IDS No.:** 161KQ  
**29-char source abbrev:** FUSION ENG DES

---

**Record 338 of 500**

**Author(s):** Sousa J; Batista A; Combo A; Correia C; Varandas CAF; Trotman D; Waterhouse J  
**Title:** A distributed system for fast timing and event management on the mast experiment  
**Source:** FUSION ENGINEERING AND DESIGN 1999, Vol 43, Iss 3-4, pp 407-412  
**ISSN/ISBN:** 0920-3796



**Addresses:** Sousa J, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096  
Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon,  
Portugal  
UKAEA Euratom Fus Assoc, Culham Sci Ctr, Abingdon OX14 3DB, Oxon,  
England

**Times Cited:** 3

**Source item page count:** 6

**Publication Date:** JAN

**IDS No.:** 161KQ

**29-char source abbrev:** FUSION ENG DES

---

### Record 339 of 500

**Author(s):** Nunes F; Manso M; Nunes I; Santos J; Silva A; Varela P

**Title:** On the application of the Wigner-Ville distribution to broadband  
reflectometry

**Source:** FUSION ENGINEERING AND DESIGN 1999, Vol 43, Iss 3-4, pp 441-449

**ISSN/ISBN:** 0920-3796

**Addresses:** Nunes F, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096  
Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon,  
Portugal

**Times Cited:** 1

**Source item page count:** 9

**Publication Date:** JAN

**IDS No.:** 161KQ

**29-char source abbrev:** FUSION ENG DES

---

### Record 340 of 500

**Author(s):** Casaca A; Bonfait G; Dubourdieu C; Weiss F; Senateur JP

**Title:** Magnetoresistance and Hall effect in unidirectionally twinned YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>-  
delta thin films

**Source:** PHYSICAL REVIEW B 1999, Vol 59, Iss 2, pp 1538-1545

**ISSN/ISBN:** 0163-1829

**Addresses:** Casaca A, ITN, Dept Quim, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
ISEL, Ctr Fis, P-1900 Lisbon, Portugal  
Univ Nova Lisboa, Fac Ciencias & Tecnol, Dept Fis, P-2825 Monte De  
Caparica, Portugal  
ENSPG, LMGP, F-38402 St Martin Dheres, France

**Times Cited:** 3

**Source item page count:** 8

**Publication Date:** JAN 1

**IDS No.:** 158JE

**29-char source abbrev:** PHYS REV B

---

**Record 341 of 500**

**Author(s):** Nunes FD; Leitao JMN

**Title:** Signal processing aspects of fusion plasma broadband reflectometry

**Source:** IEEE TRANSACTIONS ON SIGNAL PROCESSING 1999, Vol 47, Iss 2,  
pp 378-388

**ISSN/ISBN:** 1053-587X

**Addresses:** Nunes FD, Inst Super Tecn, Inst Telecomunicacoes, EURATOM, IST Assoc,  
Lisbon, Portugal  
Inst Super Tecn, Inst Telecomunicacoes, EURATOM, IST Assoc, Lisbon,  
Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM, IST Assoc, Lisbon, Portugal

**Times Cited:** 0

**Source item page count:** 11

**Publication Date:** FEB

**IDS No.:** 158PJ

**29-char source abbrev:** IEEE TRANS SIGNAL PROCESS

---

**Record 342 of 500**

**Author(s):** Apostolidis C; Carvalho A; Domingos A; Kanellakopulos B; Maier R;  
Marques N; de Matos AF; Rebizant J

**Title:** Chloro-lanthanide, and plutonium complexes containing the hydrotris(3,5-  
dimethylpyrazol-1-yl)borate ligand: the crystal and molecular structures of  
[PrCl( $\mu$ -Cl)Tp(Me<sub>2</sub>)(3,5-Me(2)pzH)](2) and YbCl(2)Tp(Me<sub>2</sub>)(THF)

**Source:** POLYHEDRON 1999, Vol 18, Iss 1-2, pp 263-272  
**ISSN/ISBN:** 0277-5387  
**Addresses:** Marques N, ITN, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
Commiss European Communities, Joint Res Ctr, Inst Transuranium  
Elements, D-76725 Karlsruhe, Germany  
Bundesamt Strahlenschutz, D-38201 Salzgitter, Germany  
Forschungszentrum Karlsruhe, CPV, Inst Tech Chem, D-76021 Karlsruhe,  
Germany  
**Times Cited:** 2  
**Source item page count:** 10  
**IDS No.:** 156ZN  
**29-char source abbrev:** POLYHEDRON

---

**Record 343 of 500**

**Author(s):** Leitao CM; Gasche TA; Bonfait G; Teodoro OMND; Moutinho AMC  
**Title:** UHV sample holder for fast heating and cooling cycles  
**Source:** VACUUM 1999, Vol 52, Iss 1-2, pp 23-26  
**ISSN/ISBN:** 0042-207X  
**Addresses:** Leitao CM, Univ Nova Lisboa, Fac Ciencias Tecnol, Dept Fis, Ctr Fis &  
Invest Tecnol, P-2825 Monte De Caparica, Portugal  
Univ Nova Lisboa, Fac Ciencias Tecnol, Dept Fis, Ctr Fis & Invest Tecnol, P-  
2825 Monte De Caparica, Portugal  
Inst Tecnol Nucl, Dept Quim, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JAN  
**IDS No.:** 155FU  
**29-char source abbrev:** VACUUM

---

**Record 344 of 500**

**Author(s):** Vaz F; Rebouta L; da Silva RMC; da Silva MF; Soares JC  
**Title:** Characterization of titanium silicon nitride films deposited by PVD  
**Source:** VACUUM 1999, Vol 52, Iss 1-2, pp 209-214

**ISSN/ISBN:** 0042-207X  
**Addresses:** Vaz F, Univ Minho, Dept Fis, P-4810 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4810 Guimaraes, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
CFNUL, P-1700 Lisbon, Portugal  
**Times Cited:** 7  
**Source item page count:** 6  
**Publication Date:** JAN  
**IDS No.:** 155FU  
**29-char source abbrev:** VACUUM

---

**Record 345 of 500**

**Author(s):** Alves E; da Silva RC; da Silva MF; Soares JC  
**Title:** Lattice location and annealing behaviour of Pt and W implanted sapphire  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 147, Iss 1-4, pp 226-230  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves E, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
**Times Cited:** 3  
**Source item page count:** 5  
**Publication Date:** JAN  
**IDS No.:** 153RK  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 346 of 500**

**Author(s):** Araujo JP; Correia JG; Wahl U; Marques JG; Alves E; Amaral VS; Lourenco  
AA; Galindo V; von Papen T; Senateur JP; Weiss F; Vantomme A;  
Langouche G; Melo AA; da Silva MF; Soares JC; Sousa JB  
**Title:** Stability studies of Hg implanted YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub>

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 147, Iss 1-4, pp 244-248

**ISSN/ISBN:** 0168-583X

**Addresses:** Araujo JP, Fac Ciencias, Dept Fis, IFIMUP, Rua Campo Alegre 687, P-4150  
Porto, Portugal  
Fac Ciencias, Dept Fis, IFIMUP, P-4150 Porto, Portugal  
CERN, CH-1211 Geneva 23, Switzerland  
CFNUL, P-1699 Lisbon, Portugal  
Katholieke Univ Leuven, Inst Kern & Stralingsfys, B-3001 Louvain, Belgium  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
INESC, P-4150 Porto, Portugal  
Univ Aveiro, Dept Fis, P-3800 Aveiro, Portugal  
Ecole Natl Super Phys Grenoble, INPG, CNRS, UMR 5628, F-38402 St  
Martin Dheres, France

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** JAN

**IDS No.:** 153RK

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 347 of 500**

**Author(s):** Alves E; da Silva MF; Soares JC; Vianden R; Bartels J; Kozanecki A

**Title:** Ion beam and photoluminescence studies of Er and O implanted GaN

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1999, Vol 147, Iss 1-4, pp 383-387

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Inst Tecnol & Nucl, Estrada Nac 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Univ Bonn, ISKP, D-53115 Bonn, Germany  
Polish Acad Sci, Inst Phys, PL-02668 Warsaw, Poland

**Times Cited:** 3

**Source item page count:** 5

**Publication Date:** JAN

**IDS No.:** 153RK

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 348 of 500**

**Author(s):** Paulo A; Reddy KR; Domingos A; Santos I  
**Title:** Neutral trans-dioxorhenium(V) complexes with the anionic tetrakis(pyrazolyl)borate ligand  
**Source:** INORGANIC CHEMISTRY 1998, Vol 37, Iss 26, pp 6807-6813  
**ISSN/ISBN:** 0020-1669  
**Addresses:** Santos I, ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
**Times Cited:** 6  
**Source item page count:** 7  
**Publication Date:** DEC 28  
**IDS No.:** 153NL  
**29-char source abbrev:** INORG CHEM

---

**Record 349 of 500**

**Author(s):** Neves M; Gano L; Ribeiro MJ; Santos AC; Marchi A; Sawas-Dimopolou C; de Lima JJP  
**Title:** Synthesis, characterization, and biodistribution of oxo complexes of Technetium-99m with biguanide and N1-substituted ligands  
**Source:** NUCLEAR MEDICINE AND BIOLOGY 1999, Vol 26, Iss 1, pp 79-83  
**ISSN/ISBN:** 0969-8051  
**Addresses:** Neves M, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2685 Sacavem, Portugal  
Serv Biofis, IBILI, Coimbra, Portugal  
Univ Ferrara, Dipartimento Chim, I-44100 Ferrara, Italy  
NCSR Demokritos, Inst Radioisotopes & Radiodiagnost Prod, Athens, Greece  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** JAN  
**IDS No.:** 151ZR

**29-char source abbrev:** NUCL MED BIOL

---

**Record 350 of 500**

**Author(s):** Neves M; Fausto A  
**Title:** Prediction of Tc-99m-Biguanide complex structures and their interactions with biological molecules by molecular mechanics calculations  
**Source:** NUCLEAR MEDICINE AND BIOLOGY 1999, Vol 26, Iss 1, pp 85-89  
**ISSN/ISBN:** 0969-8051  
**Addresses:** Neves M, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2685 Sacavem, Portugal  
Univ Coimbra, Fac Ciencias & Tecnol, Dept Quim, P-3049 Coimbra, Portugal  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** JAN  
**IDS No.:** 151ZR  
**29-char source abbrev:** NUCL MED BIOL

---

**Record 351 of 500**

**Author(s):** Ayllon JA; Santos IC; Henriques RT; Almeida M; Alcacer L; Duarte MT  
**Title:** Synthesis of tris(quinoxaline-2,3dithiolato)manganese(IV) and its reaction with [Cu(CH<sub>3</sub>COO)(<sub>2</sub>)H<sub>2</sub>O](<sub>2</sub>). Crystal structure of [Mn-II(DMF)(<sub>4</sub>)(H<sub>2</sub>O)(<sub>2</sub>)] [Cu-III(qdt)(<sub>2</sub>)](<sub>2</sub>)  
**Source:** POLYHEDRON 1998, Vol 17, Iss 23-24, pp 4023-4031  
**ISSN/ISBN:** 0277-5387  
**Addresses:** Henriques RT, Inst Technol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Technol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 9  
**IDS No.:** 148MR  
**29-char source abbrev:** POLYHEDRON

---

**Record 352 of 500**

**Author(s):** Vaz F; Rebouta L; Ramos S; da Silva MF; Soares JC  
**Title:** Physical, structural and mechanical characterization of Ti<sub>1-x</sub>Si<sub>x</sub>Ny films  
**Source:** SURFACE & COATINGS TECHNOLOGY 1998, Vol 109, Iss 1-3, pp 236-240  
**ISSN/ISBN:** 0257-8972  
**Addresses:** Rebouta L, Univ Minho, Dept Fis, Campus Azurem, P-4810 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4810 Guimaraes, Portugal  
Univ Coimbra, Fac Ciencias & Tecnol, ICMES, P-3030 Coimbra, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
CFNUL, P-1700 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** OCT 10  
**IDS No.:** 142LY  
**29-char source abbrev:** SURF COAT TECH

---

**Record 353 of 500**

**Author(s):** Holzhauser E; Hirsch M; Grossmann T; Branas B; Serra F  
**Title:** Theoretical and experimental investigation of the phase-runaway in microwave reflectometry  
**Source:** PLASMA PHYSICS AND CONTROLLED FUSION 1998, Vol 40, Iss 11, pp 1869-1886  
**ISSN/ISBN:** 0741-3335  
**Addresses:** Holzhauser E, Univ Stuttgart, Inst Plasmaforsch, D-70569 Stuttgart, Germany  
Univ Stuttgart, Inst Plasmaforsch, D-70569 Stuttgart, Germany  
Max Planck Inst Plasma Phys, EURATOM Assoc, D-85748 Garching, Germany  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
CIEMAT, Asociac EURATOM, E-28040 Madrid, Spain  
**Times Cited:** 7  
**Source item page count:** 18  
**Publication Date:** NOV



**IDS No.:** 143QQ  
**29-char source abbrev:** PLASMA PHYS CONTROL FUSION

---

**Record 354 of 500**

**Author(s):** Sousa RC; Sun JJ; Soares V; Freitas PP; Kling A; da Silva MF; Soares JC  
**Title:** Large tunneling magnetoresistance enhancement by thermal anneal  
**Source:** APPLIED PHYSICS LETTERS 1998, Vol 73, Iss 22, pp 3288-3290  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Sousa RC, INESC, Rua Alves Redol 9, P-1000 Lisbon, Portugal  
INESC, P-1000 Lisbon, Portugal  
ITN, P-2685 Sacavem, Portugal  
**Times Cited:** 58  
**Source item page count:** 3  
**Publication Date:** NOV 30  
**IDS No.:** 143MR  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 355 of 500**

**Author(s):** Fernandes H; Varandas CAF; Cabral JAC; Figueiredo H; Galvao R  
**Title:** Engineering aspects of the ISTTOK operation in a multicycle alternating flat-top plasma current regime  
**Source:** FUSION ENGINEERING AND DESIGN 1998, Vol 43, Iss 1, pp 101-113  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Varandas CAF, Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
Inst Super Tecn, EURATOM Assoc, Ctr Fusao Nucl, P-1096 Lisbon, Portugal  
Univ Sao Paulo, Inst Fis, BR-05315970 Sao Paulo, Brazil  
**Times Cited:** 0  
**Source item page count:** 13  
**Publication Date:** OCT  
**IDS No.:** 137VB  
**29-char source abbrev:** FUSION ENG DES

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**Record 356 of 500**

**Author(s):** Estrela P; Pereira LCJ; de Visser A; de Boer FR; Almeida M; Godinho M; Rebizant J; Spirlet JC

**Title:** Structural, magnetic and transport properties of single-crystalline U<sub>2</sub>Pt<sub>2</sub>In

**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1998, Vol 10, Iss 42, pp 9465-9475

**ISSN/ISBN:** 0953-8984

**Addresses:** Estrela P, Univ Amsterdam, Van der Waals Zeeman Inst, Valckenierstr 65, NL-1018 XE Amsterdam, Netherlands  
Univ Amsterdam, Van der Waals Zeeman Inst, NL-1018 XE Amsterdam, Netherlands  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Commiss European Communities, Joint Res Ctr, Inst Transuranium Elements, D-76125 Karlsruhe, Germany

**Times Cited:** 8

**Source item page count:** 11

**Publication Date:** OCT 26

**IDS No.:** 136DC

**29-char source abbrev:** J PHYS-CONDENS MATTER

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**Record 357 of 500**

**Author(s):** Goncalves AP; Estrela P; Waerenborgh JC; Paixao JA; Bonnet M; Spirlet JC; Godinho M; Almeida M

**Title:** Crystallographic and magnetic properties of UFe<sub>5.8</sub>Al<sub>6.2</sub> single crystals

**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1998, Vol 189, Iss 3, pp 283-292

**ISSN/ISBN:** 0304-8853

**Addresses:** Almeida M, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal  
Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3000 Coimbra, Portugal  
SPSMS, CEA, Dept Rech Fdn Matiere Condensee, F-38054 Grenoble 9, France  
Commiss European Communities, Joint Res Ctr, Inst Transuranium Elements, D-76125 Karlsruhe, Germany

**Times Cited:** 5  
**Source item page count:** 10  
**Publication Date:** NOV  
**IDS No.:** 132NZ  
**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 358 of 500**

**Author(s):** Araujo MF; Valerio P; Jouanneau JM  
**Title:** Heavy metal assessment in sediments of the Ave river basin (Portugal) by energy-dispersive X-ray fluorescence spectrometry  
**Source:** X-RAY SPECTROMETRY 1998, Vol 27, Iss 5, pp 305-312  
**ISSN/ISBN:** 0049-8246  
**Addresses:** Araujo MF, ITN, Dept Quim, Estrada Nacl 10, P-2685 Sacavem, Portugal  
ITN, Dept Quim, P-2685 Sacavem, Portugal  
Univ Bordeaux 1, URA CNRS, Dept Geol & Oceanog, F-33405 Talence, France  
**Times Cited:** 4  
**Source item page count:** 8  
**Publication Date:** SEP-OCT  
**IDS No.:** 124JJ  
**29-char source abbrev:** X-RAY SPECTROM

---

**Record 359 of 500**

**Author(s):** Alves LC; Reis MA; Freitas MC; Gouveia MA  
**Title:** Elemental analysis of particulate matter and source identification in Lisbon  
**Source:** X-RAY SPECTROMETRY 1998, Vol 27, Iss 5, pp 313-320  
**ISSN/ISBN:** 0049-8246  
**Addresses:** Alves LC, Nucl & Technol Inst, EN 10, P-2686 Sacaven, Portugal  
Nucl & Technol Inst, P-2686 Sacaven, Portugal  
**Times Cited:** 5  
**Source item page count:** 8  
**Publication Date:** SEP-OCT  
**IDS No.:** 124JJ

**29-char source abbrev:** X-RAY SPECTROM

---

**Record 360 of 500**

**Author(s):** Carretas JM; de Matos AP; Marcalo J  
**Title:** Gas-phase reactivity of rare earth cations with phenol: Competitive activation of C-O, O-H, and C-H bonds  
**Source:** JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY 1998, Vol 9, Iss 10, pp 1035-1042  
**ISSN/ISBN:** 1044-0305  
**Addresses:** Marcalo J, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Nice Sophia Antipolis, GRECFO Chim Phys Organ, Nice, France  
**Times Cited:** 3  
**Source item page count:** 8  
**Publication Date:** OCT  
**IDS No.:** 121NB  
**29-char source abbrev:** J AMER SOC MASS SPECTROM

---

**Record 361 of 500**

**Author(s):** Fernandes JCS; Ferreira MGS; Soares JC; Jesus CM; Rangel CM; Skeldon P; Thompson GE; Zhou X; Habazaki H; Shimizu K  
**Title:** The behaviour of ion-implanted tungsten species during anodic oxidation of aluminium  
**Source:** JOURNAL OF PHYSICS D-APPLIED PHYSICS 1998, Vol 31, Iss 17, pp 2083-2090  
**ISSN/ISBN:** 0022-3727

**Addresses:** Fernandes JCS, Inst Super Tecn, Grp Corrosao & Efeitos Ambientais, Ave Rovisco Pais, P-1096 Lisbon, Portugal  
Inst Super Tecn, Grp Corrosao & Efeitos Ambientais, P-1096 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Nacl Engn & Technol Ind, P-1699 Lisbon, Portugal  
Univ Manchester, Inst Sci & Technol, Ctr Corros & Protect, Manchester M60 1QD, Lancs, England  
Tohoku Univ, Inst Mat Res, Aoba Ku, Sendai, Miyagi 980, Japan  
Keio Univ, Chem Lab, Yokohama, Kanagawa 223, Japan

**Times Cited:** 0

**Source item page count:** 8

**Publication Date:** SEP 7

**IDS No.:** 119QL

**29-char source abbrev:** J PHYS-D-APPL PHYS

---

### Record 362 of 500

**Author(s):** De Araujo M; Antunes J

**Title:** Remote identification of impact forces on loosely supported tubes: Part 1 - Basic theory and experiments

**Source:** JOURNAL OF SOUND AND VIBRATION 1998, Vol 215, Iss 5, pp 1015-1041

**ISSN/ISBN:** 0022-460X

**Addresses:** De Araujo M, Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
CEA, Dept Mecan & Technol, F-91191 Gif Sur Yvette, France

**Times Cited:** 1

**Source item page count:** 27

**Publication Date:** SEP 3

**IDS No.:** 117FL

**29-char source abbrev:** J SOUND VIB

---

### Record 363 of 500

**Author(s):** Antunes J; Paulino M; Piteau P  
**Title:** Remote identification of impact forces on loosely supported tubes: Part 2 - Complex vibro-impact motions  
**Source:** JOURNAL OF SOUND AND VIBRATION 1998, Vol 215, Iss 5, pp 1043-1064  
**ISSN/ISBN:** 0022-460X  
**Addresses:** Antunes J, Inst Technol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
Inst Technol & Nucl, Appl Dynam Lab, P-2686 Sacavem, Portugal  
CEA, Dept Mecan & Technol, F-91191 Gif Sur Yvette, France  
**Times Cited:** 0  
**Source item page count:** 22  
**Publication Date:** SEP 3  
**IDS No.:** 117FL  
**29-char source abbrev:** J SOUND VIB

---

**Record 364 of 500**

**Author(s):** Carretas JM; Branco J; Marcalo J; Waerenborgh JC; Marques N; de Matos AP  
**Title:** The 'dissolution' of europium and ytterbium in alcohols  
**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 1998, Vol 277, pp 841-843  
**ISSN/ISBN:** 0925-8388  
**Addresses:** de Matos AP, ITN, Dept Quim, Estrada Nacl 10, P-2686 Sacavem, Portugal  
ITN, Dept Quim, P-2686 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** JUL 24  
**IDS No.:** 114PK  
**29-char source abbrev:** J ALLOYS COMPOUNDS

---

**Record 365 of 500**

**Author(s):** Abisset S; Maury F; Pelletier L; Carretas JM; de Matos AP  
**Title:** Low temperature chemical vapor deposition of V-C-N type coatings using bis(arene)vanadium

**Source:** ANNALES DE CHIMIE-SCIENCE DES MATERIAUX 1998, Vol 23, Iss 5-6, pp 695-706

**ISSN/ISBN:** 0151-9107

**Addresses:** Maury F, Ecole Natl Super Chim, CNRS, INPT, Lab Cristalochim Reactiv & Protect Mat, 118 Route Narbonne, F-31077 Toulouse 4, France  
Ecole Natl Super Chim, CNRS, INPT, Lab Cristalochim Reactiv & Protect Mat, F-31077 Toulouse 4, France  
Dept Quim, Inst Tecnol Nucl, P-2686 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 12

**Publication Date:** JUL-SEP

**IDS No.:** 116CA

**29-char source abbrev:** ANN CHIM-SCI MAT

---

**Record 366 of 500**

**Author(s):** Oliveira C; Salgado J

**Title:** Calibration curves of a PGNAAsystem for cement raw material analysis using the MCNP code

**Source:** APPLIED RADIATION AND ISOTOPES 1998, Vol 49, Iss 12, pp 1685-1689

**ISSN/ISBN:** 0969-8043

**Addresses:** Oliveira C, Nucl & Technol Inst, Est Nac 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** DEC

**IDS No.:** 112KR

**29-char source abbrev:** APPL RADIAT ISOTOPES

---

**Record 367 of 500**

**Author(s):** Sousa J; Combo A; Batista A; Correia C; Varandas CAF; Trotman D; Waterhouse J

**Title:** The 32 bit timing unit of a real-time event-based control system for a nuclear fusion experiment

**Source:** IEEE TRANSACTIONS ON NUCLEAR SCIENCE 1998, Vol 45, Iss 4, pp 2052-2056

**ISSN/ISBN:** 0018-9499

**Addresses:** Sousa J, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, IST, P-1096 Lisbon, Portugal  
UKAEA Euratom Fus Assoc, Culham Sci Ctr, Abingdon OX14 3DB, Oxon, England

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** AUG

**Part number:** 1

**IDS No.:** 110VH

**29-char source abbrev:** IEEE TRANS NUCL SCI

---

**Record 368 of 500**

**Author(s):** Marques JG; Kling A; de Jesus CM; Soares JC; da Silva MF; Dieguez E; Agullo-Lopez F

**Title:** Annealing recovery of neutron irradiated LiNbO<sub>3</sub> : Hf single crystals

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 141, Iss 1-4, pp 326-331

**ISSN/ISBN:** 0168-583X

**Addresses:** Marques JG, Univ Lisbon, CFNUL, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Autonoma Madrid, Dept Fis Mat, E-28049 Madrid, Spain

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** MAY

**IDS No.:** 103WA

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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## Record 369 of 500

**Author(s):** Alves E; da Silva MF; Marques JG; Soares JC; Freitag K  
**Title:** Chemical effects on the amorphization of sapphire  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 141, Iss 1-4, pp 353-357  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Alves E, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
Univ Bonn, ISKP, D-53115 Bonn, Germany  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** MAY  
**IDS No.:** 103WA  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 370 of 500

**Author(s):** Kling A; Soares JC; da Silva MF  
**Title:** Platinum implanted lithium niobate - annealing behavior and dopant redistribution  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 141, Iss 1-4, pp 436-440  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon,  
Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** MAY  
**IDS No.:** 103WA  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 371 of 500**

**Author(s):** Dai ZN; Soares JC; da Silva MF

**Title:** RBS/channeling characterization of GaSb and ion-implanted GaSb after several surface treatments

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 142, Iss 1-2, pp 83-88

**ISSN/ISBN:** 0168-583X

**Addresses:** Dai ZN, Japan Atom Energy Res Inst, Dept Mat Dev, 1233 Watanuki, Takasaki, Gumma 3701292, Japan  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
ITN, Dept Phys, P-2685 Sacavem, Portugal

**Times Cited:** 0

**Source item page count:** 6

**Publication Date:** JUN

**IDS No.:** 101XB

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 372 of 500**

**Author(s):** Calabuig JLF; Sanchez AM; Garcia CR; Tome FV; Da Silva MF; Soares JC; Barber DJ

**Title:** Semipermeable membrane to retain platinum atoms in the electrodeposition process of alpha spectrometry sources

**Source:** APPLIED RADIATION AND ISOTOPES 1998, Vol 49, Iss 9-11, pp 1269-1272

**ISSN/ISBN:** 0969-8043

**Addresses:** Garcia CR, Univ Valencia, Inst Ciencia Mat, Ave Dr Moliner 50, E-46100 Burjassot, Valencia, Spain  
Univ Valencia, Inst Ciencia Mat, E-46100 Burjassot, Valencia, Spain  
Univ Valencia, Dept Fis Atom Mol & Nucl, E-46100 Burjassot, Valencia, Spain  
Univ Extremadura, Dept Fis, E-06071 Badajoz, Spain  
Univ Valencia, Dept Fis Aplicada, E-46100 Burjassot, Valencia, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** SEP-NOV

**IDS No.:** 101KU

**29-char source abbrev:** APPL RADIAT ISOTOPES

---

**Record 373 of 500**

**Author(s):** Goncalves AP; Waerenborgh JC; Amaro A; Godinho M; Almeida M

**Title:** UFe<sub>2</sub>Zn<sub>20</sub>: a new uranium intermetallic compound

**Source:** JOURNAL OF ALLOYS AND COMPOUNDS 1998, Vol 271, pp 456-458

**ISSN/ISBN:** 0925-8388

**Addresses:** Goncalves AP, Inst Tecnol & Nucl, Dept Quim, Estrada Nacl 10, P-2686  
Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Univ Lisbon, Fac Ciencias, Dept Fis, P-1700 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 3

**Publication Date:** JUN 12

**IDS No.:** ZZ011

**29-char source abbrev:** J ALLOYS COMPOUNDS

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**Record 374 of 500**

**Author(s):** Tavares CJ; Rebouta L; Almeida B; Sousa JBE; da Silva MF; Soares JC

**Title:** Deposition and characterization of multilayered TiN/ZrN coatings

**Source:** THIN SOLID FILMS 1998, Vol 317, Iss 1-2, pp 124-128

**ISSN/ISBN:** 0040-6090

**Addresses:** Tavares CJ, Univ Minho, Dept Fis, P-4710 Braga, Portugal  
Univ Minho, Dept Fis, P-4710 Braga, Portugal  
Univ Porto, Dept Fis, P-4100 Porto, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
CFNUL, P-1700 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** APR 1

**IDS No.:** ZX454

**29-char source abbrev:** THIN SOLID FILMS

---

**Record 375 of 500**

**Author(s):** Nogueira F; Botelho ML; Tenreiro R  
**Title:** Radioresistance studies in Methylobacterium spp.  
**Source:** RADIATION PHYSICS AND CHEMISTRY 1998, Vol 52, Iss 1-6, pp 15-19  
**Addresses:** Nogueira F, ITN, Dept Fis, EN 10, P-2685 Sacavem, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Genet & Biol Mol, P-1700 Lisbon, Portugal  
**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** JUN  
**IDS No.:** ZX723  
**29-char source abbrev:** RADIAT PHYS CHEM

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**Record 376 of 500**

**Author(s):** Ferreira LM; Rocha JMS; Andrade ME; Gil MH  
**Title:** Preparation and characterization of polyethylene based graft copolymers.  
Applications in the immobilization of enzymes  
**Source:** RADIATION PHYSICS AND CHEMISTRY 1998, Vol 52, Iss 1-6, pp 207-212  
**Addresses:** Ferreira LM, ITN, Phys Nucl & Technol Inst, POB 21, P-2685 Sacavem, Portugal  
ITN, Phys Nucl & Technol Inst, P-2685 Sacavem, Portugal  
Univ Coimbra, Fac Sci & Technol, Dept Chem Engn, Coimbra, Portugal  
**Times Cited:** 3  
**Source item page count:** 6  
**Publication Date:** JUN  
**IDS No.:** ZX723  
**29-char source abbrev:** RADIAT PHYS CHEM

---

**Record 377 of 500**

**Author(s):** Polonia I; Portugal L; Andrade ME  
**Title:** Dose mapping of dried figs treated by gamma radiation  
**Source:** RADIATION PHYSICS AND CHEMISTRY 1998, Vol 52, Iss 1-6, pp 569-573  
**Addresses:** Polonia I, ITN, POB 21, P-2686 Sacavem, Portugal  
ITN, P-2686 Sacavem, Portugal  
UTR, Radiat Technol Unit, P-2685 Sacavem, Portugal  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** JUN  
**IDS No.:** ZX723  
**29-char source abbrev:** RADIAT PHYS CHEM

---

**Record 378 of 500**

**Author(s):** Cabral JAC; Varandas CAF; Alonso MP; Belo P; Canario R; Fernandes H; Gomes R; Malaquias A; Malinov P; Serra F; Silva F; Soares A  
**Title:** Enhancement of the ISTTOK plasma confinement and stability by negative limiter biasing  
**Source:** PLASMA PHYSICS AND CONTROLLED FUSION 1998, Vol 40, Iss 6, pp 1001-1019  
**ISSN/ISBN:** 0741-3335  
**Addresses:** Cabral JAC, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096 Lisbon, Portugal  
**Times Cited:** 4  
**Source item page count:** 19  
**Publication Date:** JUN  
**IDS No.:** ZY258  
**29-char source abbrev:** PLASMA PHYS CONTROL FUSION

---

**Record 379 of 500**

**Author(s):** Silva CG; Fielding SJ; Axon KB; Booth MG  
**Title:** ELMs and asymmetries at the COMPASS-D boundary

**Source:** PLASMA PHYSICS AND CONTROLLED FUSION 1998, Vol 40, Iss 6, pp 1159-1170

**ISSN/ISBN:** 0741-3335

**Addresses:** Silva CG, Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096 Lisbon, Portugal  
Inst Super Tecn, Ctr Fusao Nucl, EURATOM Assoc, P-1096 Lisbon, Portugal  
UKAEA Euratom Fus Assoc, Culham Sci Ctr, Abingdon OX14 3DB, Oxon, England

**Times Cited:** 3

**Source item page count:** 12

**Publication Date:** JUN

**IDS No.:** ZY258

**29-char source abbrev:** PLASMA PHYS CONTROL FUSION

---

**Record 380 of 500**

**Author(s):** Martin JE; Garcia-Tenorio R; Respaldiza MA; Ager FJ; da Silva MF

**Title:** Elemental composition of sediments determined by TTPIXE

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 139, Iss 1-4, pp 175-179

**ISSN/ISBN:** 0168-583X

**Addresses:** Martin JE, Univ Sevilla, Fac Fis, Apartado 1065, E-41080 Seville, Spain  
Univ Sevilla, Fac Fis, E-41080 Seville, Spain  
Univ Sevilla, ETSA, Dept Fis Aplicada, E-41012 Sevilla, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 5

**Publication Date:** APR

**IDS No.:** ZY096

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 381 of 500**

**Author(s):** Alves E; da Silva RC; da Silva MF; Soares JC

**Title:** Solubility and damage annealing of Er implanted single crystalline alpha-Al<sub>2</sub>O<sub>3</sub>

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 139, Iss 1-4, pp 313-317

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, ITN, Estrada 10, P-2685 Sacavem, Portugal  
ITN, P-2685 Sacavem, Portugal  
Univ Lisbon, Ctr Fis Mol, P-1699 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 5

**Publication Date:** APR

**IDS No.:** ZY096

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 382 of 500**

**Author(s):** Ager FJ; Respaldiza MA; Paul A; Odriozola JA; Lobato JM; da Silva MF; Redondo LM; Soares JC

**Title:** Analysis of the elements sputtered during the lanthanum implantation in stainless steels

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 139, Iss 1-4, pp 344-349

**ISSN/ISBN:** 0168-583X

**Addresses:** Ager FJ, Univ Sevilla, Dept FAMN, POB 1065, E-41080 Seville, Spain  
Univ Sevilla, Dept FAMN, E-41080 Seville, Spain  
Univ Sevilla, CSIC, ICMSE, E-41071 Seville, Spain  
CFNUL, P-1699 Lisbon, Portugal  
ITN, Sacavem, Portugal

**Times Cited:** 3

**Source item page count:** 6

**Publication Date:** APR

**IDS No.:** ZY096

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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**Record 383 of 500**

**Author(s):** Redondo LM; de Jesus CM; Marques JG; da Silva MF; Soares JC; de Azevedo MMP; Mendes JA; Rogalski MS; Sousa JB

**Title:** High flux Fe-56(+) and Fe-57(+) implantations for GMR applications

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 139, Iss 1-4, pp 350-354

**ISSN/ISBN:** 0168-583X

**Addresses:** Soares JC, Univ Lisbon, CFNUL, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
Univ Porto, IFIMUP, P-4150 Porto, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 2

**Source item page count:** 5

**Publication Date:** APR

**IDS No.:** ZY096

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 384 of 500**

**Author(s):** Alves E; da Silva MF; Soares JC; Sochinskii NV; Bernardi S

**Title:** Ion beam studies of CdTe films epitaxially grown on Si, GaAs and sapphire substrates

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 220-224

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Inst Tecnol & Nucl, Estrada Nac 10, P-2685 Sacavem, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Lisbon, Ct Fis Nucl, P-1699 Lisbon, Portugal  
Univ Valencia, Dept Fis Aplicada, E-46100 Burjassot, Spain  
Consorzio CREO, I-67100 Laquila, Italy

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** ZW154



**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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**Record 385 of 500**

**Author(s):** Soto R; Gonzalez P; Redondas X; Parada EG; Pou J; Leon B; Perez-Amor M; da Silva MF; Soares JC

**Title:** Growth and characterization of carbon nitride thin films prepared by laser ablation

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 236-240

**ISSN/ISBN:** 0168-583X

**Addresses:** Soto R, Univ Vigo, Dept Fis Aplicada, Lagoas Marcosende 9, E-36200 Vigo, Galicia, Spain  
Univ Vigo, Dept Fis Aplicada, E-36200 Vigo, Galicia, Spain  
ITN, P-2685 Sacavem, Portugal  
CFNUL, P-1699 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 386 of 500**

**Author(s):** Butz T; Flaggmeyer RH; Jankuhn S; Reinert T; da Silva MF; Soares JC; Troger W

**Title:** RBS studies of the intercalation compound Hg<sub>x</sub>TiS<sub>2</sub>: Morphology and staging

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 253-257

**ISSN/ISBN:** 0168-583X

**Addresses:** Flammeyer RH, Univ Leipzig, Fak Phys & Geowissenschaften, Abt Nukl Festkorperphys, Linnestr 5, D-04103 Leipzig, Germany  
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CFNUL, P-1699 Lisbon, Portugal

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**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 387 of 500**

**Author(s):** Harbsmeier F; Bolse W; da Silva MR; da Silva MF; Soares JC

**Title:** Epitaxial regrowth of C- and N-implanted silicon and alpha-quartz

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 263-267

**ISSN/ISBN:** 0168-583X

**Addresses:** Bolse W, Univ Gottingen, Inst Phys 2, Bunsenstr 7-9, D-37073 Gottingen, Germany  
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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 388 of 500**

**Author(s):** Tavares CJ; Rebouta L; Alves EJ; Almeida B; Sousa JBE; da Silva MF; Soares JC

**Title:** Interfacial roughness of multilayered TiN/ZrN coatings

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 278-282

**ISSN/ISBN:** 0168-583X

**Addresses:** Tavares CJ, Univ Minho, Dept Fis, Campus Azurem, P-4810 Guimares,  
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Univ Porto, Dept Fis, P-4100 Porto, Portugal  
CFNUL, P-1700 Lisbon, Portugal

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 389 of 500**

**Author(s):** Calabuig JLF; Tome FV; Sanchez AM; Garcia CR; da Silva MF; Soares JC;  
Ager FJ; Barber DJ; Montero PR

**Title:** Ion beam analysis and alpha spectrometry of sources electrodeposited on  
several backings

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 290-296

**ISSN/ISBN:** 0168-583X

**Addresses:** Garcia CR, Univ Valencia, ICMUV, Av Dr Moliner 50, Burjassot 46100,  
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Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
Univ Sevilla, Dept Fis Atom Mol & Nucl, Sevilla 41080, Spain

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**Source item page count:** 7

**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 390 of 500**

**Author(s):** Rodriguez A; Rodriguez T; Kling A; Soares JC; da Silva MF; Ballesteros C  
**Title:** Determination of the strain depth profile in solid-phase epitaxially grown SiGe layers using RBS/channeling  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 395-399  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Rodriguez A, UPM, ETSI Telecomunicac, Dept Tecnol Elect, Ciudad Univ S-N, Madrid 28040, Spain  
UPM, ETSI Telecomunicac, Dept Tecnol Elect, Madrid 28040, Spain  
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Univ Carlos III Madrid, Dept Fis, Escuela Politecn Super, Madrid 28911, Spain  
**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAR  
**IDS No.:** ZW154  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 391 of 500**

**Author(s):** Alves E; da Silva MF; Soares JC; Henry MO; Gwilliam R; Sealy BJ; Freitag K; Vianden R; Stievenard D  
**Title:** Lattice site location of thulium and erbium implanted GaAs  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 421-425  
**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, Inst Tecnol & Nucl ITN, Estrada Nac 10, P-2685 Sacavem, Portugal  
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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 392 of 500**

**Author(s):** Kling A; Soares JC; da Silva MF; Sanz-Garcia JA; Dieguez E; Agullo-Lopez F

**Title:** Lattice site determination of Cr in low doped lithium niobate single crystals using PIXE/channeling

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 426-430

**ISSN/ISBN:** 0168-583X

**Addresses:** Kling A, Univ Lisbon, Ctr Fis Nucl, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
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Inst Tecnol & Nucl, P-2685 Sacavem, Portugal  
Univ Autonoma Madrid, Dept Mat, E-28049 Madrid, Spain

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 393 of 500**

**Author(s):** Marques JG; Kling A; Soares JC; Rebouta L; da Silva MF; Dieguez E; Agullo-Lopez F

**Title:** Lattice site location of Hf in LiNbO3: Influence of dopant concentration and crystal stoichiometry

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 431-435

**ISSN/ISBN:** 0168-583X

**Addresses:** Marques JG, Univ Lisbon, CFNUL, Av Prof Gama Pinto 2, P-1699 Lisbon, Portugal  
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Univ Autonoma Madrid, Dept Fis Mat, E-28049 Madrid, Spain

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 394 of 500**

**Author(s):** da Silva RC; Alves E; Redondo LM; Fromknecht R; Meyer O

**Title:** Lattice site location and annealing behavior of W implanted TiO2

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 442-446

**ISSN/ISBN:** 0168-583X

**Addresses:** da Silva RC, ITN, Dept Fis, EN 10, P-2685 Sacavem, Portugal  
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**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 395 of 500

**Author(s):** Fichtner PFP; Kaschny JR; Kling A; Trinkaus H; Yankov RA; Mucklich A; Skorupa W; Zawislak FC; Amaral L; da Silva MF; Soares JC

**Title:** Nucleation and growth of platelet bubble structures in He implanted silicon

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 460-464

**ISSN/ISBN:** 0168-583X

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**Source item page count:** 5

**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

## Record 396 of 500

**Author(s):** Redondas X; Gonzalez P; Soto R; Leon B; Perez-Amor M; da Silva MF; Soares JC

**Title:** Modification of silicon-carbon film properties under high energy ion beam irradiation

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 511-515

**ISSN/ISBN:** 0168-583X

**Addresses:** Gonzalez P, Univ Vigo, Dept Fis Aplicada, Lagoas Marcosende 9, E-36280 Vigo, Galicia, Spain  
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**Times Cited:** 0  
**Source item page count:** 5  
**Publication Date:** MAR  
**IDS No.:** ZW154  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 397 of 500**

**Author(s):** Jesus AP; Reis MA; Alves LC  
**Title:** Enhanced X-ray yields from insulating samples  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 837-840  
**ISSN/ISBN:** 0168-583X  
**Addresses:** Jesus AP, CFNUL, Av Gama Pinto 2, P-1699 Lisbon, Portugal  
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New Univ Lisbon, Fac Sci & Technol, Dept Phys, P-1699 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAR  
**IDS No.:** ZW154  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 398 of 500**

**Author(s):** Carvalho ML; Pinheiro T; Barreiros MA; Casaca C; Cunha AS; Chevallier P  
**Title:** Amalgam components drift in teeth-toxicity risks: A preliminary approach  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 913-918  
**ISSN/ISBN:** 0168-583X



**Addresses:** Carvalho ML, Univ Lisbon, Ctr Fis Atom, Av Prof Gama Pinto 2, P-1699  
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Univ Lisbon, Fac Med Dent, P-1699 Lisbon, Portugal  
Univ Paris 11, LURE, F-91405 Orsay, France

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 399 of 500**

**Author(s):** Alves LC; Reis MA; Freitas MC

**Title:** Air particulate matter characterisation of a rural area in Portugal

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 941-947

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves LC, Nucl & Technol Inst, Dept Phys, EN10, P-2686 Sacavem, Portugal  
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Nucl & Technol Inst, Dept Chem, P-2686 Sacavem, Portugal

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 400 of 500**

**Author(s):** Martin JE; Garcia-Tenorio R; Respaldiza MA; Bolivar JP; da Silva MF

**Title:** Influence of the mining activity on sediments from the Odiel river (sw of  
Spain) analyzed by TTPIXE

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 1000-1004

**ISSN/ISBN:** 0168-583X

**Addresses:** Martin JE, Univ Sevilla, Fac Fis, Aptdo 1065, E-41080 Seville, Spain  
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Univ Huelva, EPS Rabida, Dept Fis Aplicada, Palos 21819, Huelva, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal

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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 401 of 500**

**Author(s):** Araujo F; Pinheiro T; Alves LC; Valerio P; Gaspar F; Alves J

**Title:** Elemental composition in sediments and water in the Trancoa river basin. A preliminary study

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1998, Vol 138, pp 1005-1012

**ISSN/ISBN:** 0168-583X

**Addresses:** Pinheiro T, Inst Tecnol & Nucl, EN 10, P-2685 Sacavem, Portugal  
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**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 402 of 500**

**Author(s):** Ager FJ; Respaldiza MA; Paul A; Odriozola JA; da Silva MF; Soares JC

**Title:** Oxide scale depth profiling of lanthanum-deposited AISI-304: An ion beam analysis

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1998, Vol 138, pp 1045-1051

**ISSN/ISBN:** 0168-583X

**Addresses:** Ager FJ, Univ Sevilla, Dept FAMN, POB 1065, E-41080 Seville, Spain  
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**Publication Date:** MAR

**IDS No.:** ZW154

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 403 of 500**

**Author(s):** Soares JC; Redondo LM; de Jesus CM; Marques JG; da Silva MF; de Azevedo MMP; Mendes JA; Rogalski MS; Sousa JB

**Title:** Giant magnetoresistance behavior of granular Fe and Co implanted Ag thin films

**Source:** JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A-VACUUM SURFACES AND FILMS 1998, Vol 16, Iss 3, pp 1812-1816

**ISSN/ISBN:** 0734-2101

**Addresses:** Soares JC, Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
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Univ Porto, Inst Fis Mat, P-4150 Porto, Portugal

**Times Cited:** 6

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**Publication Date:** MAY-JUN

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**IDS No.:** ZT992

**29-char source abbrev:** J VAC SCI TECHNOL A

---

## Record 404 of 500

**Author(s):** Oliveira C; Salgado J; Leitao F  
**Title:** Density and water content corrections in the gamma count rate of a PGNAA system for cement raw material analysis using the MCNP code  
**Source:** APPLIED RADIATION AND ISOTOPES 1998, Vol 49, Iss 8, pp 923-930  
**ISSN/ISBN:** 0969-8043  
**Addresses:** Oliveira C, Nucl & Technol Inst, Est Nac 10, P-2685 Sacavem, Portugal  
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Ctr Tech, P-1106 Lisbon, Portugal  
**Times Cited:** 0  
**Source item page count:** 8  
**Publication Date:** AUG  
**IDS No.:** ZT855  
**29-char source abbrev:** APPL RADIAT ISOTOPES

---

## Record 405 of 500

**Author(s):** Paixao JA; Waerenborgh JC; Rogalski MS; Goncalves AP; Almeida M; Gukasov A; Bonnet M; Spirlet JC; Sousa JB  
**Title:** Magnetization density in UFe<sub>10</sub>Si<sub>2</sub>  
**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1998, Vol 10, Iss 18, pp 4071-4079  
**ISSN/ISBN:** 0953-8984  
**Addresses:** Paixao JA, Univ Coimbra, Fac Ciencias & Tecnol, Dept Fis, P-3000 Coimbra, Portugal  
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Commiss European Communities, Joint Res Ctr, Inst Transuranium Elements, D-76125 Karlsruhe, Germany  
**Times Cited:** 1  
**Source item page count:** 9

**Publication Date:** MAY 11  
**IDS No.:** ZP255  
**29-char source abbrev:** J PHYS-CONDENS MATTER

---

**Record 406 of 500**

**Author(s):** Vaz F; Rebouta L; Ramos S; Cavaleiro A; da Silva MF; Soares JC  
**Title:** Physical and mechanical properties of Ti<sub>1-x</sub>Si<sub>x</sub>N films  
**Source:** SURFACE & COATINGS TECHNOLOGY 1998, Vol 101, Iss 1-3, pp 110-115  
**ISSN/ISBN:** 0257-8972  
**Addresses:** Vaz F, Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
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ITN, Dept Fis, P-2685 Sacavem, Portugal  
**Times Cited:** 2  
**Source item page count:** 6  
**Publication Date:** MAR  
**IDS No.:** ZN366  
**29-char source abbrev:** SURF COAT TECH

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**Record 407 of 500**

**Author(s):** Coquel JM; Siller L; Wilkes J; Carrapa R; Lamont CLA; Gasche TA; Palmer RE; Moutinho AMC  
**Title:** Photodissociation of condensed carbon dioxide below the gas phase thresholds  
**Source:** CHEMICAL PHYSICS LETTERS 1998, Vol 287, Iss 5-6, pp 742-746  
**ISSN/ISBN:** 0009-2614

**Addresses:** Coquel JM, Univ Birmingham, Sch Phys & Astron, Nanoscale Phys Res Lab, Birmingham B15 2TT, W Midlands, England  
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**Times Cited:** 1

**Source item page count:** 5

**Publication Date:** MAY 8

**IDS No.:** ZP121

**29-char source abbrev:** CHEM PHYS LETT

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**Record 408 of 500**

**Author(s):** Gano L; Patricio L; Marques E; Cantinho G; Pena H; Martins T; Hnatowich DJ

**Title:** Human polyclonal immunoglobulin labelled with technetium-99m via NHS-MAG(3): A comparison of radiochemical behavior and biological efficacy with other labelling methods

**Source:** NUCLEAR MEDICINE AND BIOLOGY 1998, Vol 25, Iss 4, pp 395-403

**ISSN/ISBN:** 0969-8051

**Addresses:** Patricio L, Inst Tecnol & Nucl, Estrada Nacl 10, P-2685 Sacavem, Portugal  
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**Times Cited:** 1

**Source item page count:** 9

**Publication Date:** MAY

**IDS No.:** ZL789

**29-char source abbrev:** NUCL MED BIOL

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## Record 409 of 500

**Author(s):** Henriques RT; Herdtweck E; Kuhn FE; Lopes AD; Mink J; Romao CC

**Title:** Synthesis, characterization, and reactions of tetrakis(nitrile)chromium(II) tetrafluoroborate complexes

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1998, Iss 8, pp 1293-1297

**ISSN/ISBN:** 0300-9246

**Addresses:** Kuhn FE, Tech Univ Munchen, Inst Anorgan Chem, Lichtenbergstr 4, D-85747 Garching, Germany  
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Hungarian Acad Sci, Inst Isotopes, H-1525 Budapest, Hungary

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**Publication Date:** APR 21

**IDS No.:** ZL309

**29-char source abbrev:** J CHEM SOC DALTON TRANS

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## Record 410 of 500

**Author(s):** Herreros B; Lifante G; Cusso F; Sanz JA; Kling A; Soares JC; da Silva MF; Townsend PD; Chandler PJ

**Title:** Photoluminescence and Rutherford backscattering spectrometry study of ion-implanted Er<sup>3+</sup>-doped LiNbO<sub>3</sub> planar waveguides

**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1998, Vol 10, Iss 14, pp 3275-3283

**ISSN/ISBN:** 0953-8984

**Addresses:** Herreros B, Univ Autonoma Madrid, Dept Fis Mat, C-IV, E-28049 Madrid, Spain  
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ITN, Dept Fis, P-2685 Sacavem, Portugal  
Univ Sussex, Dept Chem Phys & Environm Sci, Brighton BN1 9QJ, E Sussex, England

**Times Cited:** 1

**Source item page count:** 9

**Publication Date:** APR 13  
**IDS No.:** ZK493  
**29-char source abbrev:** J PHYS-CONDENS MATTER

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**Record 411 of 500**

**Author(s):** Li G; Lee JS; Long VC; Musfeldt JL; Wang YJ; Almeida M; Revcolevschi A; Dhahlenne G  
**Title:** Far-infrared studies of spin-Peierls materials in a magnetic field  
**Source:** CHEMISTRY OF MATERIALS 1998, Vol 10, Iss 4, pp 1115-1119  
**ISSN/ISBN:** 0897-4756  
**Addresses:** Musfeldt JL, SUNY Binghamton, Dept Chem, Binghamton, NY 13902 USA  
SUNY Binghamton, Dept Chem, Binghamton, NY 13902 USA  
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**Times Cited:** 1  
**Source item page count:** 5  
**Publication Date:** APR  
**IDS No.:** ZK055  
**29-char source abbrev:** CHEM MATER

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**Record 412 of 500**

**Author(s):** Schwarz R; Vieira M; Macarico F; Koynov S; Cardoso S; Soares JC  
**Title:** Performance degradation of microcrystalline silicon-based p-i-n detectors upon He-4 irradiation  
**Source:** DEFECTS IN SEMICONDUCTORS - ICDS-19, PTS 1-3 1997, Vol 258-2, pp 593-598  
**ISSN/ISBN:** 0255-5476  
**Addresses:** Schwarz R, Inst Super Tecn, Dept Phys, P-1096 Lisbon, Portugal  
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ITN, P-2685 Sacavem, Portugal



**Times Cited:** 0  
**Source item page count:** 6  
**Book series title:** MATERIALS SCIENCE FORUM  
**Part number:** 1-3  
**IDS No.:** BK61R  
**29-char source abbrev:** MATER SCI FORUM

---

**Record 413 of 500**

**Author(s):** Vaz F; Rebouta L; Andritschky M; da Silva MF  
**Title:** Oxidation resistance of (Ti,Al,Si)N coatings in air  
**Source:** SURFACE & COATINGS TECHNOLOGY 1998, Vol 98, Iss 1-3, pp 912-917  
**ISSN/ISBN:** 0257-8972  
**Addresses:** Andritschky M, Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
Univ Minho, Dept Fis, P-4800 Guimaraes, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal  
Univ Lisbon, CFNUL, P-1699 Lisbon, Portugal  
**Times Cited:** 6  
**Source item page count:** 6  
**Publication Date:** JAN  
**IDS No.:** ZD063  
**29-char source abbrev:** SURF COAT TECH

---

**Record 414 of 500**

**Author(s):** Nunes D; Domingos A; Paulo A; Patricio L; Santos I; Carvalho MFNN; Pombeiro AJL  
**Title:** Synthesis, characterization and study of the redox properties of rhenium(V) diolates  
**Source:** INORGANICA CHIMICA ACTA 1998, Vol 271, Iss 1-2, pp 65-74  
**ISSN/ISBN:** 0020-1693  
**Addresses:** Santos I, ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
ITN, Dept Quim & Radioisotopos, P-2686 Sacavem, Portugal  
Inst Super Tecn, Ctr Quim Estrutural, P-1096 Lisbon, Portugal  
**Times Cited:** 2

**Source item page count:** 10

**Publication Date:** APR 15

**IDS No.:** ZD617

**29-char source abbrev:** INORG CHIM ACTA

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**Record 415 of 500**

**Author(s):** Almeida MJ; Moura G; Pinheiro T; Machado J; Coimbra J

**Title:** Modifications in Crassostrea gigas shell composition exposed to high concentrations of lead

**Source:** AQUATIC TOXICOLOGY 1998, Vol 40, Iss 4, pp 323-334

**ISSN/ISBN:** 0166-445X

**Addresses:** Almeida MJ, Inst Ciencias Biomed Abel Salazar, Lab Fisiol Aplicada, Lg Escola Med 2, P-4050 Porto, Portugal  
Inst Ciencias Biomed Abel Salazar, Lab Fisiol Aplicada, P-4050 Porto, Portugal  
Inst Tecnol & Nucl, Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 12

**Publication Date:** FEB

**IDS No.:** ZD547

**29-char source abbrev:** AQUAT TOXICOL

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**Record 416 of 500**

**Author(s):** Redondas X; Gonzalez P; Leon B; Perez-Amor M; Soares JC; da Silva MD

**Title:** Structural and compositional studies of a-Si<sub>3</sub>C<sub>2</sub>H thin films obtained excimer lamp chemical vapor deposition from acetylene and silane

**Source:** JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A-VACUUM SURFACES AND FILMS 1998, Vol 16, Iss 2, pp 660-665

**ISSN/ISBN:** 0734-2101

**Addresses:** Redondas X, Univ Vigo, Dept Fis Aplicada, Lagoas Marcosende 9, E-36200 Vigo, Galicia, Spain  
Univ Vigo, Dept Fis Aplicada, E-36200 Vigo, Galicia, Spain  
CFNUL, Lisbon, Portugal  
Inst Tecnol Nucl, Sacavem, Portugal

**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** MAR-APR  
**IDS No.:** ZC509  
**29-char source abbrev:** J VAC SCI TECHNOL A

---

**Record 417 of 500**

**Author(s):** Amaral VS; Correia JG; Lourenco AACs; Marques JG; Mendes JA; Baptista MA; Araujo JP; Moreira JM; Sousa JB; Alves E; da Silva MF; Soares JC  
**Title:** Microscopic studies of radioactive Hg implanted in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub> superconducting thin films  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1998, Vol 177, pp 511-512  
**ISSN/ISBN:** 0304-8853  
**Addresses:** Amaral VS, IFIMUP, Dept Fis, Fac Ciencias, Rua Campo Alegre 687, P-4150 Porto, Portugal  
IFIMUP, Dept Fis, Fac Ciencias, P-4150 Porto, Portugal  
CERN, Particle Phys Expt Div, CH-1211 Geneva 23, Switzerland  
Univ Lisbon, Ctr Fis Nucl, P-1699 Lisbon, Portugal  
Univ Aveiro, Dept Fis, P-3800 Aveiro, Portugal  
INESC, P-4150 Porto, Portugal  
Inst Tecnol & Nucl, P-2685 Sacavem, Portugal

**Times Cited:** 4  
**Source item page count:** 2  
**Publication Date:** JAN  
**Part number:** 1  
**IDS No.:** YZ517  
**29-char source abbrev:** J MAGN MAGN MATER

---

**Record 418 of 500**

**Author(s):** Pereira LCJ; Wastin F; Winand JM; Kanellakopoulos B; Rebizant J; Spirlet JC; Almeida M  
**Title:** Synthesis, crystal chemistry, and physical properties of ternary intermetallic compounds An(2)T(2)X (An = Pu, Am; X = In, Sn; T = Co, Ir, Ni, Pd, Pt, Rh)

**Source:** JOURNAL OF SOLID STATE CHEMISTRY 1997, Vol 134, Iss 1, pp 138-147

**ISSN/ISBN:** 0022-4596

**Addresses:** Almeida M, ITN, Dept Quim, P-2686 Sacarem, Portugal  
Forschungszentrum Karlsruhe, Inst Tech Chem, D-76125 Karlsruhe, Germany  
Commiss European Communities, Joint Res Ctr, European Inst Transuranium Elements, D-76125 Karlsruhe, Germany

**Times Cited:** 5

**Source item page count:** 10

**Publication Date:** NOV 15

**IDS No.:** YV262

**29-char source abbrev:** J SOLID STATE CHEM

---

**Record 419 of 500**

**Author(s):** Martin JE; Martinez-Aguirre A; Respaldiza MA; da Silva MF

**Title:** Anthropogenic contamination analyzed by TTPIXE in samples from the Odiel salt marsh at the SW Spain

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY 1997, Vol 223, Iss 1-2, pp 33-40

**ISSN/ISBN:** 0236-5731

**Addresses:** Martin JE, Univ Sevilla, Fac Fis, Dept FAMN, Apdo 1065, E-41080 Seville, Spain  
Univ Sevilla, Fac Fis, Dept FAMN, E-41080 Seville, Spain  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 1

**Source item page count:** 8

**Publication Date:** SEP

**IDS No.:** YT996

**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

**Record 420 of 500**

**Author(s):** Sequeira AD; Kostorz G; Pedersen JS

**Title:** Small-angle neutron scattering from anisotropic single-crystalline materials

**Source:** JOURNAL OF APPLIED CRYSTALLOGRAPHY 1997, Vol 30, Iss 2, pp 575-579

**ISSN/ISBN:** 0021-8898

**Addresses:** Sequeira AD, Inst Adv Mat, JRC, POB 2, NL-1755 ZG Petten, Netherlands  
ITN, Dept Phys, P-2685 Sacavem, Portugal  
ETH Zurich, Inst Angew Phys, CH-8093 Zurich, Switzerland  
Riso Natl Lab, Dept Solid State Phys, DK-4000 Roskilde, Denmark

**Times Cited:** 2

**Source item page count:** 5

**Publication Date:** OCT 1

**Part number:** 5

**IDS No.:** YT746

**29-char source abbrev:** J APPL CRYST

---

**Record 421 of 500**

**Author(s):** Oliveira C; Salgado J; Goncalves IF; Carvalho FG; Leitao F

**Title:** A Monte Carlo study of the influence of the geometry arrangements and structural materials on a PGNA system performance for cement raw material analysis

**Source:** APPLIED RADIATION AND ISOTOPES 1997, Vol 48, Iss 10-12, pp 1349-1354

**ISSN/ISBN:** 0969-8043

**Addresses:** Oliveira C, Nucl & Technol Inst, Eac Nac 10, P-2685 Sacavem, Portugal  
Nucl & Technol Inst, P-2685 Sacavem, Portugal  
Cimpor, Ctr Tech, P-1106 Lisbon, Portugal

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** OCT-DEC

**IDS No.:** YT758

**29-char source abbrev:** APPL RADIAT ISOTOPES

---

**Record 422 of 500**

**Author(s):** Vaz F; Rebouta L; Andritschky M; da Silva MF; Soares JC

**Title:** Thermal oxidation of Ti<sub>1-x</sub>Al<sub>x</sub>N coatings in air

**Source:** JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 1997, Vol 17, Iss 15-16, pp 1971-1977

**ISSN/ISBN:** 0955-2219

**Addresses:** Vaz F, Univ Minho, Dept Fis, P-4710 Braga, Portugal  
Univ Minho, Dept Fis, P-4710 Braga, Portugal  
CFNUL, P-1700 Losboa, Portugal  
ITN, Dept Fis, P-2685 Sacavem, Portugal

**Times Cited:** 7

**Source item page count:** 7

**IDS No.:** YR518

**29-char source abbrev:** J EUR CERAM SOC

---

**Record 423 of 500**

**Author(s):** Santos IC; Ayllon JA; Henriques RT; Almeida M; Alcacer L; Duarte MT

**Title:** A new perylene salt: Diperylenium(1+) bis[quinoxaline-2,3-dithiolato(2-)-S,S']-cuprate(III)

**Source:** ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS 1997, Vol 53, pp 1768-1770

**ISSN/ISBN:** 0108-2701

**Addresses:** Santos IC, Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Tecnol & Nucl, Dept Quim, P-2686 Sacavem, Portugal  
Inst Super Tecn, Dept Engn Quim, P-1096 Lisbon, Portugal

**Times Cited:** 2

**Source item page count:** 3

**Publication Date:** DEC 15

**Part number:** 12

**IDS No.:** YP745

**29-char source abbrev:** ACTA CRYSTALLOGR C-CRYST STR

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**Record 424 of 500**

**Author(s):** Morgado J; Santos IC; Veiros LF; Henriques RT; Duarte MT; Almeida M; Alcacer L

**Title:** Perylene derivative charge transfer salts: synthesis, crystal structure and characterisation of (pet)(3)[Ni(mnt)(2)](2)

**Source:** JOURNAL OF MATERIALS CHEMISTRY 1997, Vol 7, Iss 12, pp 2387-2392  
**ISSN/ISBN:** 0959-9428  
**Addresses:** INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL  
**Times Cited:** 7  
**Source item page count:** 6  
**Publication Date:** DEC  
**IDS No.:** YL603  
**29-char source abbrev:** J MATER CHEM

---

**Record 425 of 500**

**Author(s):** Santos IC; Almeida M; Morgado J; Duarte MT; Alcacer L  
**Title:** Perylo[1,12-b,c,d]thiophene  
**Source:** ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS 1997, Vol 53, pp 1640-1642  
**ISSN/ISBN:** 0108-2701  
**Addresses:** Santos IC, INST TECNOL & NUCL,DEPT QUIM,P-1602 SACAVEM,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL  
**Times Cited:** 2  
**Source item page count:** 3  
**Publication Date:** NOV 15  
**Part number:** 11  
**IDS No.:** YK416  
**29-char source abbrev:** ACTA CRYSTALLOGR C-CRYST STR

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**Record 426 of 500**

**Author(s):** Rovira C; Veciana J; Ribera E; Tarres J; Canadell E; Rousseau R; Mas M; Molins E; Almeida M; Henriques RT; Morgado J; Schoeffel JP; Pouget JP  
**Title:** An organic spin-ladder molecular material  
**Source:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION IN ENGLISH 1997, Vol 36, Iss 21, pp 2324-&  
**ISSN/ISBN:** 0570-0833

**Addresses:** Rovira C, CSIC,INST CIENCIA MAT BARCELONA,CAMPUS UAB,E-08193 BELLATERRA,SPAIN  
INST TECNOL & NUCL,DEPT QUIM,P-2686 SACA VEM,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL  
UNIV PARIS 11,CNRS URA 02,LAB PHYS SOLIDES,F-91405  
ORSAY,FRANCE

**Times Cited:** 16

**Source item page count:** 4

**Publication Date:** NOV 14

**IDS No.:** YH944

**29-char source abbrev:** ANGEW CHEM INT ED

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**Record 427 of 500**

**Author(s):** DaGama V; Belo D; Santos IC; Henriques RT

**Title:** Ferromagnetism in charge transfer salts based on metallocenes and nickel bis-dithiolenes

**Source:** MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS 1997, Vol 306, pp 17-24

**ISSN/ISBN:** 1058-725X

**Addresses:** DaGama V, ITN,EST NA CL 10,DEPT QUIM,P-2686  
SACA VEM,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL

**Times Cited:** 1

**Source item page count:** 8

**IDS No.:** YF692

**29-char source abbrev:** MOL CRYST LIQ CRYST SCI TEC A

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**Record 428 of 500**

**Author(s):** Hess C; Schlenker C; Bonfait G; Ohm T; Paulsen C; Dumas D; Teweldemedhin Z; Greenblatt M; Marcus J; Almeida M

**Title:** CDW state and superconductivity in the quasi-two-dimensional monophosphate tungsten bronze P4W14O50

**Source:** SOLID STATE COMMUNICATIONS 1997, Vol 104, Iss 11, pp 663-668



**ISSN/ISBN:** 0038-1098  
**Addresses:** CNRS,ETUD PROPRIETES ELECT SOLIDES LAB,F-38042 GRENOBLE  
9,FRANCE  
ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
CNRS,CTR RECH TRES BASSES TEMP,F-38042 GRENOBLE  
9,FRANCE  
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**Times Cited:** 6  
**Source item page count:** 6  
**Publication Date:** DEC  
**IDS No.:** YH939  
**29-char source abbrev:** SOLID STATE COMMUN

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**Record 429 of 500**

**Author(s):** Rodriguez PB; Sanchez AM; Tome FV; Calabuig JLF; Garcia CR; Barber DJ; Ager FJ; daSilva MF; Soares JC  
**Title:** Characterization of alpha sources prepared by direct evaporation using Rutherford backscattering spectrometry  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1997, Vol 132, Iss 3, pp 501-506  
**ISSN/ISBN:** 0168-583X  
**Addresses:** UNIV EXTREMADURA,DEPT FIS,E-06071 BADAJOZ,SPAIN  
UNIV VALENCIA,INST CIENCIA MAT,E-46100  
BURJASSOT,VALENCIA,SPAIN  
UNIV VALENCIA,DEPT FIS APLICADA,E-46100  
BURJASSOT,VALENCIA,SPAIN  
ITN,DEPT FIS,P-2685 SACAVEM,PORTUGAL  
UNIV SEVILLA,FAC FIS,DEPT FIS ATOM MOL & NUCL,E-41080  
SEVILLE,SPAIN  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** NOV  
**IDS No.:** YH608  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

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### Record 430 of 500

**Author(s):** Figueiras J; Waerenborgh JC  
**Title:** Fully oxidized chromite in the Serra Alta (South Portugal) quartzites: chemical and structural characterization and geological implications  
**Source:** MINERALOGICAL MAGAZINE 1997, Vol 61, Iss 5, pp 627-638  
**ISSN/ISBN:** 0026-461X  
**Addresses:** Figueiras J, UNIV LISBON,FAC CIENCIAS,DEPT GEOL,CAMPO GRANDE,EDIFICIO C2,50 PISO,P-1700 LISBON,PORTUGAL ITN,DEPT QUIM,P-2686 SACA VEM,PORTUGAL  
**Times Cited:** 4  
**Source item page count:** 12  
**Publication Date:** OCT  
**IDS No.:** YF944  
**29-char source abbrev:** MINER MAG

---

### Record 431 of 500

**Author(s):** deAzevedo MMP; Sousa JB; Mendes JA; Almeida BG; Rogalski MS; Pogorelov YG; Bibicu I; Redondo LM; daSilva MF; Jesus CM; Marques JG; Soares JC  
**Title:** Magnetization and magnetoresistance in Fe-ion-implanted Cu and Ag thin films  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1997, Vol 173, Iss 3, pp 230-240  
**ISSN/ISBN:** 0304-8853  
**Addresses:** UNIV OPORTO,FAC SCI,DEPT PHYS,IFIMUP,P-4150 OPORTO,PORTUGAL  
INST ATOM PHYS,R-76900 BUCHAREST,ROMANIA  
INST NUCL TECHNOL,P-2680 SACA VEM,PORTUGAL  
UNIV LISBON,CFNUL,P-1699 LISBON,PORTUGAL  
**Times Cited:** 9  
**Source item page count:** 11  
**Publication Date:** SEP  
**IDS No.:** YD530  
**29-char source abbrev:** J MAGN MAGN MATER

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### Record 432 of 500

**Author(s):** Waerenborgh JC; Rogalski MS; Goncalves AP; Sousa JB; Almeida M  
**Title:** Mossbauer spectroscopy study of 3d-magnetic properties UFe<sub>10</sub>Si<sub>2</sub>  
**Source:** SOLID STATE COMMUNICATIONS 1997, Vol 104, Iss 5, pp 271-276  
**ISSN/ISBN:** 0038-1098  
**Addresses:** Waerenborgh JC, INST TECNOL & NUCL,DEPT QUIM,P-2686  
SACAVEM,PORTUGAL  
UNIV OPORTO,FAC CIENCIAS,IFIMUP,P-4150 OPORTO,PORTUGAL  
**Times Cited:** 2  
**Source item page count:** 6  
**Publication Date:** NOV  
**IDS No.:** YB556  
**29-char source abbrev:** SOLID STATE COMMUN

---

### Record 433 of 500

**Author(s):** Marcalo J; Leal JP; deMatos AP; Marshall AG  
**Title:** Gas-phase actinide ion chemistry: FT-ICR/MS study of the reactions of thorium and uranium metal and oxide ions with arenes  
**Source:** ORGANOMETALLICS 1997, Vol 16, Iss 21, pp 4581-4588  
**ISSN/ISBN:** 0276-7333  
**Addresses:** INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
FLORIDA STATE UNIV,NATL HIGH MAGNET FIELD  
LAB,TALLAHASSEE,FL 32310  
**Times Cited:** 8  
**Source item page count:** 8  
**Publication Date:** OCT 14  
**IDS No.:** YB123  
**29-char source abbrev:** ORGANOMETALLICS

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### Record 434 of 500

**Author(s):** Hess C; Schlenker C; Bonfait G; Marcus J; Ohm T; Paulsen C; Dumas J;  
Tholence JL; Greenblatt M; Almeida M

**Title:** Superconductivity in the charge density wave state of the quasi-two-dimensional monophosphate tungsten bronze P4W14O50

**Source:** PHYSICA C 1997, Vol 282, pp 955-956

**ISSN/ISBN:** 0921-4534

**Addresses:** Hess C, CNRS,ETUD PROPRIETES ELECT SOLIDES LAB,BP 166,F-38042 GRENOBLE 9,FRANCE  
ITN,DEPT QUIM,SACAVEM,PORTUGAL  
CNRS,CTR RECH TRES BASSES TEMP,F-38042 GRENOBLE 9,FRANCE  
RUTGERS STATE UNIV,DEPT CHEM,PISCATAWAY,NJ 08855

**Times Cited:** 7

**Source item page count:** 2

**Publication Date:** AUG

**Part number:** 2

**IDS No.:** XZ905

**29-char source abbrev:** PHYSICA C

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**Record 435 of 500**

**Author(s):** Spriano S; Antonione C; Doglione R; Battezzati L; Cardoso S; Soares JC; daSilva MF

**Title:** Crystallization and mechanical behaviour of bulk Zr-Ti-Ni-Cu-Be metallic glasses

**Source:** PHILOSOPHICAL MAGAZINE B-PHYSICS OF CONDENSED MATTER STATISTICAL MECHANICS ELECTRONIC OPTICAL AND MAGNETIC PROPERTIES 1997, Vol 76, Iss 4, pp 529-540

**ISSN/ISBN:** 0141-8637

**Addresses:** Spriano S, POLITECN TURIN,DIPARTIMENTO SCI MAT & INGN CHIM,C SO DUCA ABRUZZI 24,TURIN,ITALY  
UNIV TURIN,DIPARTIMENTO CHIM INORGAN CHIM FIS & CHIM MAT,TURIN,ITALY  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
INST TECNOL & NUCL,DEPT FIS,P-2685 SACAVEM,PORTUGAL

**Times Cited:** 15

**Source item page count:** 12

**Publication Date:** OCT

**IDS No.:** XY665

**29-char source abbrev:** PHIL MAG B

---

**Record 436 of 500**

**Author(s):** Rodriguez A; Rodriguez T; Kling A; Soares JC; daSilva MF; Ballesteros C  
**Title:** Strain and defects depth distributions in undoped and boron-doped Si<sub>1-x</sub>Gex layers grown by solid phase epitaxy  
**Source:** JOURNAL OF APPLIED PHYSICS 1997, Vol 82, Iss 6, pp 2887-2895  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Rodriguez A, UPM,ETSI TELECOMMUN,DEPT TECNOL ELECT,CIUDAD UNIV S-N,MADRID 28040,SPAIN  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
INST TECNOL & NUCL,DEPT FIS,P-2685 SACAVEM,PORTUGAL  
UNIV CARLOS III MADRID,ESCUELA POLITECN SUPER,DEPT FIS,LEGANES 28911,MADRID,SPAIN  
**Times Cited:** 4  
**Source item page count:** 9  
**Publication Date:** SEP 15  
**IDS No.:** XX996  
**29-char source abbrev:** J APPL PHYS

---

**Record 437 of 500**

**Author(s):** Gano L; Fernandes C; Cantinho G; Santos AI; Pena H; Vieira R; Salgado L; Patricio L  
**Title:** Technetium-99m labelling of the IOR CEA 1 monoclonal antibody: Evaluation of different methods  
**Source:** NUKLEARMEDIZIN 1997, Vol 36, Iss 6, pp 205-212  
**ISSN/ISBN:** 0029-5566  
**Addresses:** INST TECNOL NUCL,P-2685 SACAVEM,PORTUGAL  
FML,INST NUCL MED,LISBON,PORTUGAL  
IPOFG,NUCL MED SERV,LISBON,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 8  
**Publication Date:** SEP  
**IDS No.:** XX915

**29-char source abbrev:** NUKLEARMED

---

**Record 438 of 500**

**Author(s):** Casaca A; Bonfait G; Getta M; Lenkens M; Muller G  
**Title:** Twin-boundary effect on the Hall conductivity in high-T-c superconducting thin films  
**Source:** PHYSICAL REVIEW B 1997, Vol 56, Iss 9, pp 5677-5682  
**ISSN/ISBN:** 0163-1829  
**Addresses:** Casaca A, ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
UNIV NOVA LISBOA,DEPT FIS,P-2825 MONTE DE  
CAPARICA,PORTUGAL  
BERG UNIV GESAMTHSCH WUPPERTAL,FAC PHYS,D-42097  
WUPPERTAL,GERMANY  
**Times Cited:** 4  
**Source item page count:** 6  
**Publication Date:** SEP 1  
**IDS No.:** XW942  
**29-char source abbrev:** PHYS REV B

---

**Record 439 of 500**

**Author(s):** Paiva P; Jouanneau JM; Araujo F; Weber O; Rodrigues A; Dias JMA  
**Title:** Elemental distribution in a sedimentary deposit on the shelf off the Tagus estuary (Portugal)  
**Source:** WATER AIR AND SOIL POLLUTION 1997, Vol 99, Iss 1-4, pp 507-514  
**ISSN/ISBN:** 0049-6979  
**Addresses:** Paiva P, ITN,DEPT QUIM,ESTRADA NAEL 10,P-2685  
SACAVEM,PORTUGAL  
UNIV BORDEAUX 1,CNRS URA,DEPT GEOL & OCEANOLOG,F-33405  
TALENCE,FRANCE  
UNIV ALGARVE,UCTRA,P-8000 FARO,PORTUGAL  
**Times Cited:** 4  
**Source item page count:** 8  
**Publication Date:** OCT  
**IDS No.:** XW682

**29-char source abbrev:** WATER AIR SOIL POLLUT

---

**Record 440 of 500**

**Author(s):** Oliveira C; Salgado J; Carvalho FG  
**Title:** Optimization of PGNAAs instrument design for cement raw materials using the MCNP code  
**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
1997, Vol 216, Iss 2, pp 191-198  
**ISSN/ISBN:** 0236-5731  
**Addresses:** Oliveira C, INST TECNOL & NUCL,DEPT FIS,EST NAC 10,P-2685  
SACAVEM,PORTUGAL  
**Times Cited:** 2  
**Source item page count:** 8  
**Publication Date:** FEB  
**IDS No.:** XV469  
**29-char source abbrev:** J RADIOANAL NUCL CHEM

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**Record 441 of 500**

**Author(s):** Freitas MC; Nobre AS  
**Title:** Bioaccumulation of heavy metals using *Parmelia sulcata* and *Parmelia caperata* for air pollution studies  
**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
1997, Vol 217, Iss 1, pp 17-20  
**ISSN/ISBN:** 0236-5731  
**Addresses:** Freitas MC, INST TECNOL & NUCL,DEPT QUIM,P-2685  
SACAVEM,PORTUGAL  
**Times Cited:** 10  
**Source item page count:** 4  
**Publication Date:** MAR  
**IDS No.:** XV472  
**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

### Record 442 of 500

**Author(s):** Freitas MC; Reis MA; Alves LC; Wolterbeek HT; Verburg T; Gouveia MA  
**Title:** Bio-monitoring of trace-element air pollution in Portugal: Qualitative survey  
**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY  
1997, Vol 217, Iss 1, pp 21-30  
**ISSN/ISBN:** 0236-5731  
**Addresses:** Freitas MC, INST TECNOL & NUCL,DEPT QUIM,P-2685  
SACAVEM,PORTUGAL  
INST TECNOL & NUCL,DEPT FIS,P-2685 SACAVEM,PORTUGAL  
DELFT UNIV TECHNOL,INTERFAC REACTOR INST,DEPT  
RADIOMETRY,NL-2629 JB DELFT,NETHERLANDS  
**Times Cited:** 10  
**Source item page count:** 10  
**Publication Date:** MAR  
**IDS No.:** XV472  
**29-char source abbrev:** J RADIOANAL NUCL CHEM

---

### Record 443 of 500

**Author(s):** Martinho E  
**Title:** Calculation of epithermal neutron doses in research reactors  
**Source:** KERNTECHNIK 1997, Vol 62, Iss 4, pp 184-186  
**ISSN/ISBN:** 0932-3902  
**Addresses:** Martinho E, INST TECNOL & NUCL,ESTRADA NAEL 10,P-2685  
SACAVEM,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** AUG  
**IDS No.:** XU428  
**29-char source abbrev:** KERNTECHNIK

---

### Record 444 of 500

**Author(s):** Sochinskii NV; Munoz V; Bernardi S; Espeso JI; Alves E; daSilva MF;  
Soares JC; Marin C; Dieguez E



**Title:** Selective area vapor-phase epitaxy and structural properties of Hg<sub>1-x</sub>Cd<sub>x</sub>Te on sapphire

**Source:** JOURNAL OF CRYSTAL GROWTH 1997, Vol 179, Iss 3-4, pp 585-591

**ISSN/ISBN:** 0022-0248

**Addresses:** Sochinskii NV, UNIV VALENCIA,DEPT FIS APLICADA,DR MOLINER 50,E-46100 BURJASSOT,VALENCIA,SPAIN  
CONSORZIO CREO,I-67100 LAQUILA,ITALY  
EUROPEAN SYNCHROTRON RADIAT FACIL,F-38043 GRENOBLE,FRANCE  
INST TECNOL & NUCL,DEPT FIS,P-2685 SCAVEM,PORTUGAL  
UNIV AUTONOMA MADRID,DEPT FIS MAT,E-28049 MADRID,SPAIN

**Times Cited:** 4

**Source item page count:** 7

**Publication Date:** AUG

**IDS No.:** XT429

**29-char source abbrev:** J CRYST GROWTH

---

**Record 445 of 500**

**Author(s):** Marcalo J; deMatos AP; Evans WJ

**Title:** Reactivity of lanthanide, group 2, and group 3 metal and metal oxide cations with pentamethylcyclopentadiene: Gas-phase synthesis of cyclopentadienyl cations

**Source:** ORGANOMETALLICS 1997, Vol 16, Iss 17, pp 3845-3850

**ISSN/ISBN:** 0276-7333

**Addresses:** Marcalo J, INST TECNOL & NUCL,DEPT QUIM,P-2686 SCAVEM,PORTUGAL  
UNIV CALIF IRVINE,DEPT CHEM,IRVINE,CA 92697

**Times Cited:** 7

**Source item page count:** 6

**Publication Date:** AUG 19

**IDS No.:** XR559

**29-char source abbrev:** ORGANOMETALLICS

---

**Record 446 of 500**

**Author(s):** Marques JG; Kling A; Rebouta L; DaSilva MF; Melo AA; Soares JC; Serrano MD; Dieguez E; AgulloLopez F

**Title:** Lattice location of Hf in near-stoichiometric LiNbO<sub>3</sub>: RBS/channeling and PAC studies

**Source:** MATERIALS SCIENCE APPLICATIONS OF ION BEAM TECHNIQUES 1997, Vol 248-, pp 395-398

**ISSN/ISBN:** 0255-5476

**Addresses:** Marques JG, UNIV LISBON,CTR FIS NUCL,AV PROF GAMA PINTO 2,P-1699 LISBON,PORTUGAL  
UNIV MINHO,DEPT FIS,P-4719 BRAGA,PORTUGAL  
ESTRADA NAEL 10,INST TECNOL & NUCL,P-2685  
SACAVEM,PORTUGAL  
UNIV AUTONOMA MADRID,DEPT FIS MAT,E-28049 MADRID,SPAIN

**Times Cited:** 2

**Source item page count:** 4

**Book series title:** MATERIALS SCIENCE FORUM

**IDS No.:** BJ36H

**29-char source abbrev:** MATER SCI FORUM

---

**Record 447 of 500**

**Author(s):** Varandas CAF; Carvalho BB; Correia C; Loureiro C; Malaquias JL; Rodrigues AP; Sousa J

**Title:** On-site developed components for control and data acquisition on next generation fusion devices

**Source:** FUSION ENGINEERING AND DESIGN 1997, Vol 36, Iss 1, pp 167-176

**ISSN/ISBN:** 0920-3796

**Addresses:** Varandas CAF, INST SUPER TECN,EURATOM ASSOC,CTR FUSAO NUCL,COMPLEXO I,P-1096 LISBON,PORTUGAL  
UNIV COIMBRA,EURATOM ASSOC,IST,DEPT FIS,P-3000  
COIMBRA,PORTUGAL

**Times Cited:** 1

**Source item page count:** 10

**Publication Date:** APR

**IDS No.:** XN657

**29-char source abbrev:** FUSION ENG DES

---

**Record 448 of 500**

**Author(s):** Pinheiro T; deAlmeida AB; Vieira JR; Fernandes A; Alves LC; Reis M; Soares JC

**Title:** Elemental distribution in the human respiratory system and excretion organs: Absorption and accumulation

**Source:** X-RAY SPECTROMETRY 1997, Vol 26, Iss 4, pp 217-222

**ISSN/ISBN:** 0049-8246

**Addresses:** Pinheiro T, ITN,DEPT PHYS,NUCL & TECHNOL INST,SACAVEM,PORTUGAL  
UNIV LISBON,FAC MED,DEPT PNEUMOL,P-1699 LISBON,PORTUGAL  
UNIV LISBON,FAC MED,ANATOMOPATHOL DEPT,P-1699 LISBON,PORTUGAL  
UNIV LISBON,CTR NUCL PHYS,CFN,P-1699 LISBON,PORTUGAL

**Times Cited:** 3

**Source item page count:** 6

**Publication Date:** JUL-AUG

**IDS No.:** XM145

**29-char source abbrev:** X-RAY SPECTROM

---

**Record 449 of 500**

**Author(s):** Grossmann T; Nunes I; Serra F; Manso ME; Silva A

**Title:** Sensitivity of fast swept frequency modulation reflectometry to changes in magnetic configuration in ASDEX Upgrade

**Source:** FUSION ENGINEERING AND DESIGN 1997, Vol 34-5, pp 425-428

**ISSN/ISBN:** 0920-3796

**Addresses:** Grossmann T, INST SUPER TECN,ASSOC EURATOM,CTR FUS NUCL,P-1096 LISBON,PORTUGAL

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** MAR

**IDS No.:** XL182

**29-char source abbrev:** FUSION ENG DES

---

### Record 450 of 500

**Author(s):** Malaquias A; Cabral JAC; Varandas CAF; Canario AR  
**Title:** Evolution of the poloidal magnetic field profile of the ISTTOK plasma followed by heavy ion beam probing  
**Source:** FUSION ENGINEERING AND DESIGN 1997, Vol 34-5, pp 671-674  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Malaquias A, INST SUPER TECN,CTR FUSAO NUCL,ASSOC EURATOM IST,P-1096 LISBON,PORTUGAL  
**Times Cited:** 2  
**Source item page count:** 4  
**Publication Date:** MAR  
**IDS No.:** XL182  
**29-char source abbrev:** FUSION ENG DES

---

### Record 451 of 500

**Author(s):** Sousa J; Batista AJ; Rodrigues AP; Simoes JB; Correia C; Varandas CAF  
**Title:** A microprocessor-based signal conditioning system for a magnetic confinement fusion experiment  
**Source:** FUSION ENGINEERING AND DESIGN 1997, Vol 34-5, pp 797-800  
**ISSN/ISBN:** 0920-3796  
**Addresses:** Sousa J, INST SUPER TECN,CTR FIS NUCL,EURATOM ASSOC,P-1096 LISBON,PORTUGAL  
UNIV COIMBRA,DEPT FIS,P-3000 COIMBRA,PORTUGAL  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** MAR  
**IDS No.:** XL182  
**29-char source abbrev:** FUSION ENG DES

---

### Record 452 of 500

**Author(s):** Campello MPC; Calhorda MJ; Domingos A; Galvao A; Leal JP; deMatos AP; Santos I

**Title:** Hydrocarbyl derivatives of [UCl<sub>2</sub>{HB(pz)(3)}(2)]: Synthesis, characterization and reactivity studies towards protic substrates and ketones

**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 1997, Vol 538, Iss 1-2, pp 223-239

**ISSN/ISBN:** 0022-328X

**Addresses:** ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
UNIV NOVA LISBOA,INST TECNOL QUIM & BIOL,P-2780  
OEIRAS,PORTUGAL  
FAC CIENCIAS LISBOA,P-1700 LISBON,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL

**Times Cited:** 0

**Source item page count:** 17

**Publication Date:** JUN 20

**IDS No.:** XJ886

**29-char source abbrev:** J ORGANOMETAL CHEM

---

**Record 453 of 500**

**Author(s):** Rodriguez A; Rodriguez T; SanzHervas A; Kling A; Soares JC; daSilva MF; Ballesteros C; Gwilliam RM

**Title:** Strain compensation by heavy boron doping in Si<sub>1-x</sub>Gex layers grown by solid phase epitaxy

**Source:** JOURNAL OF MATERIALS RESEARCH 1997, Vol 12, Iss 7, pp 1698-1705

**ISSN/ISBN:** 0884-2914

**Addresses:** Rodriguez A, UPM,ETSI TELECOMMUN,DEPT TECNOL  
ELECT,CIUDAD UNIV S-N,MADRID 28040,SPAIN  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
INST TECHNOL & NUCL,DEPT FIS,P-2685 SACAVEM,PORTUGAL  
UNIV CARLOS III MADRID,ESCUELA POLITECN SUPER,DEPT  
FIS,LEGANES 28911,MADRID,SPAIN  
UNIV SURREY,DEPT ELECT & ELECT ENGN,GUILDFORD GU2  
5XH,SURREY,ENGLAND

**Times Cited:** 4

**Source item page count:** 8

**Publication Date:** JUL

**IDS No.:** XJ194

**29-char source abbrev:** J MATER RES

---

**Record 454 of 500**

**Author(s):** Calzada ML; Martin MJ; Ramos P; Mendiola J; Sirera R; DaSilva MF; Soares JC

**Title:** Effect of compositions and annealing conditions on the properties of sol-gel prepared calcium-modified lead titanate thin films

**Source:** JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 1997, Vol 58, Iss 7, pp 1033-1039

**ISSN/ISBN:** 0022-3697

**Addresses:** Calzada ML, CSIC,INST CIENCIA MAT,CANTOBLANCO,E-28049 MADRID,SPAIN  
INST TECNOL & NUCL,DEPT FIS,P-2685 SCAVEM,PORTUGAL  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL

**Times Cited:** 16

**Source item page count:** 7

**Publication Date:** JUL

**IDS No.:** XH968

**29-char source abbrev:** J PHYS CHEM SOLIDS

---

**Record 455 of 500**

**Author(s):** Kling A; Marques JG; Soares JC; daSilva MF; Dieguez E; AgulloLopez F

**Title:** Valence effect on the incorporation of tungsten implanted into lithium niobate

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1997, Vol 127, pp 520-523

**ISSN/ISBN:** 0168-583X

**Addresses:** Kling A, UNIV LISBON,CTR FIS NUCL,AV PROF GAMA PINTO 2,P-1669 LISBON,PORTUGAL  
ITN,DEPT FIS,P-2685 SCAVEM,PORTUGAL  
UNIV AUTONOMA MADRID,DEPT MAT,E-28049 MADRID,SPAIN

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** MAY  
**IDS No.:** XG605  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 456 of 500**

**Author(s):** McHargue CJ; Hunn JD; Joslin DL; Alves E; daSilva MF; Soares JC  
**Title:** Etching of amorphous Al<sub>2</sub>O<sub>3</sub> produced by ion implantation  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1997, Vol 127, pp 596-598  
**ISSN/ISBN:** 0168-583X  
**Addresses:** McHargue CJ, UNIV TENNESSEE,CTR MAT PROC,100 ESTABROOK  
HALL,KNOXVILLE,TN 37996  
OAK RIDGE NATL LAB,OAK RIDGE,TN 37831  
NUCL & TECHNOL INST,SACAVEM,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 3  
**Publication Date:** MAY  
**IDS No.:** XG605  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 457 of 500**

**Author(s):** Correia JG; Marques JG; Alves E; ForkelWirth D; Jahn SG; Restle M;  
Dalmer M; Hofsass H; BharuthRam K  
**Title:** Microscopic studies of implanted As-73 in diamond  
**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1997, Vol 127, pp 723-726  
**ISSN/ISBN:** 0168-583X

**Addresses:** Correia JG, CFNUL,AV PROF GAMA PINTO 2,P-1699  
LISBON,PORTUGAL  
CERN,CH-1211 GENEVA 23,SWITZERLAND  
UNIV KONSTANZ,FAK PHYS,D-78434 CONSTANCE,GERMANY  
UNIV DURBAN WESTVILLE,DEPT PHYS,ZA-4000 DURBAN,SOUTH  
AFRICA  
ITN,P-2685 SACAVEM,PORTUGAL

**Times Cited:** 3

**Source item page count:** 4

**Publication Date:** MAY

**IDS No.:** XG605

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 458 of 500**

**Author(s):** Ager FJ; Respaldiza MA; Soares JC; daSilva MF; Odriozola JA

**Title:** Sputtering studies during lanthanum implantation in stainless steels

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH  
SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS  
1997, Vol 127, pp 791-795

**ISSN/ISBN:** 0168-583X

**Addresses:** Ager FJ, UNIV SEVILLA,DEPT FIS ATOM MOL & NUCL,POB 1065,E-  
41080 SEVILLE,SPAIN  
CFNUL,P-1699 LISBON,PORTUGAL  
INST TECNOL & NUCL,P-2685 SACAVEM,PORTUGAL  
UNIV SEVILLA,CSIC,ICMSE,E-41071 SEVILLE,SPAIN

**Times Cited:** 0

**Source item page count:** 5

**Publication Date:** MAY

**IDS No.:** XG605

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 459 of 500**

**Author(s):** Paixao JA; Langridge S; Sorensen SA; Lebech B; Goncalves AP; Lander GH;  
Brown PJ; Burlet P; Talik E

**Title:** Unusual magnetic interactions in compounds with the ThMn12 structure



**Source:** PHYSICA B 1997, Vol 234, pp 614-616  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Paixao JA, UNIV COIMBRA,DEPT FIS,P-3000 COIMBRA,PORTUGAL  
COMMISS EUROPEAN COMMUNITIES,JOINT RES CTR,INST  
TRANSURANIUM ELEMENTS,D-76125 KARLSRUHE,GERMANY  
RISO NATL LAB,DEPT PHYS,DK-4000 ROSKILDE,DENMARK  
INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
INST MAX VON LAUE PAUL LANGEVIN,F-38054  
GRENOBLE,FRANCE  
CEA GRENOBLE,DEPT RECH FOND MAT CONDENSEE,F-38054  
GRENOBLE,FRANCE  
SILESIAN UNIV,INST PHYS,PL-40007 KATOWICE,POLAND  
**Times Cited:** 9  
**Source item page count:** 3  
**Publication Date:** JUN  
**IDS No.:** XG666  
**29-char source abbrev:** PHYSICA B

---

**Record 460 of 500**

**Author(s):** Paixao JA; Lebech B; Goncalves AP; Brown PJ; Lander GH; Burlet P;  
Delapalme A; Spirlet JC  
**Title:** Magnetic sublattice interactions in UFe<sub>4</sub>Al<sub>8</sub>  
**Source:** PHYSICAL REVIEW B 1997, Vol 55, Iss 21, pp 14370-14377  
**ISSN/ISBN:** 0163-1829  
**Addresses:** Paixao JA, UNIV COIMBRA,DEPT FIS,P-3000 COIMBRA,PORTUGAL  
RISO NATL LAB,DEPT SOLID STATE PHYS,DK-4000  
ROSKILDE,DENMARK  
INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
INST MAX VON LAUE PAUL LANGEVIN,F-38042  
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ELEMENTS,D-76125 KARLSRUHE,GERMANY  
CEA,DEPT RECH FONDAMENTALE MAT  
CONDENSEE,SPSMS,MDN,F-38054 GRENOBLE,FRANCE  
CENS,CEA,CNRS,LAB LEON BRILLOUIN,F-91191 GIF SUR  
YVETTE,FRANCE  
**Times Cited:** 25

**Source item page count:** 8

**Publication Date:** JUN 1

**IDS No.:** XE371

**29-char source abbrev:** PHYS REV B

---

**Record 461 of 500**

**Author(s):** Morgado J; Christensen JB; Henriques RT; Alcacer L; Almeida M

**Title:** Electrical and magnetic properties of the new conductors: (TMDTP)(2)AsF6 and (TMDOP)(2)AsF6

**Source:** SYNTHETIC METALS 1997, Vol 86, Iss 1-3, pp 1967-1970

**ISSN/ISBN:** 0379-6779

**Addresses:** Morgado J, INST SUPER TECN,DEPT ENGN QUIM,AV ROVISCO PAIS,P-1096 LISBON,PORTUGAL  
INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
UNIV COPENHAGEN,CISMI,DK-2100 COPENHAGEN O,DENMARK

**Times Cited:** 0

**Source item page count:** 4

**Publication Date:** FEB 28

**IDS No.:** WZ988

**29-char source abbrev:** SYNTHET METAL

---

**Record 462 of 500**

**Author(s):** Matos MJ; Almeida M; Alcacer L; Henriques RT

**Title:** EPR study of (per)(2)[M(mnt)(2)] (M=Au, Pt) and their alloys

**Source:** SYNTHETIC METALS 1997, Vol 86, Iss 1-3, pp 2089-2090

**ISSN/ISBN:** 0379-6779

**Addresses:** Matos MJ, INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
INST SUPER ENGN LISBOA,DEPT ENGN QUIM,P-1900 LISBON,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL

**Times Cited:** 0

**Source item page count:** 2

**Publication Date:** FEB 28

**IDS No.:** WZ988  
**29-char source abbrev:** SYNTHET METAL

---

**Record 463 of 500**

**Author(s):** Lopes EB; Matos MJ; Henriques RT; Almeida M; Dumas J  
**Title:** CDW dynamics in the quasi-one-dimensional molecular conductors (Per)<sub>2</sub>M(mnt)<sub>2</sub>, (M=Au and Pt)  
**Source:** SYNTHETIC METALS 1997, Vol 86, Iss 1-3, pp 2163-2164  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Lopes EB, ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
INST SUPER ENGENHARIA LISBOA,DEPT ENGENHARIA QUIM,P-1900 LISBON,PORTUGAL  
INST SUPER TECN,DEPT ENGENHARIA QUIM,P-1096 LISBON,PORTUGAL  
CNRS,ETUD PROPRIETES ELECT SOLIDES LAB,F-38042 GRENOBLE,FRANCE  
**Times Cited:** 0  
**Source item page count:** 2  
**Publication Date:** FEB 28  
**IDS No.:** WZ988  
**29-char source abbrev:** SYNTHET METAL

---

**Record 464 of 500**

**Author(s):** Morgado J; Duarte MT; Alcacer L; Santos IC; Henriques RT; Almeida M  
**Title:** New compounds based on tetrathiafulvalene and Au(pds)<sub>2</sub>(-), pds equals pyrazine-2,3-diselenolate  
**Source:** SYNTHETIC METALS 1997, Vol 86, Iss 1-3, pp 2187-2188  
**ISSN/ISBN:** 0379-6779  
**Addresses:** Morgado J, INST SUPER TECN,DEPT ENG QUIM,AV ROVISCO PAIS,P-1096 LISBON,PORTUGAL  
INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 2  
**Publication Date:** FEB 28

**IDS No.:** WZ988  
**29-char source abbrev:** SYNTHET METAL

---

**Record 465 of 500**

**Author(s):** Zwirner S; Waerenborgh JC; Wastin F; Rebizant J; Spirlet JC; Potzel W; Kalvius GM  
**Title:** Anisotropic magnetic coupling in  $NpxU_{1-x}Pd_2Al_3$ ,  $NpxU_{1-x}Ru_2Si_2$   
**Source:** PHYSICA B 1997, Vol 230, pp 80-82  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Zwirner S, COMMISS EUROPEAN COMMUNITIES,JOINT RES CTR,INST TRANSURANIUM ELEMENTS,D-76125 KARLSRUHE,GERMANY  
TECH UNIV MUNICH,DEPT PHYS E15,D-85747 GARCHING,GERMANY  
ITN,DEPT QUIM,P-2686 SCAVEM,PORTUGAL

**Times Cited:** 4  
**Source item page count:** 3  
**Publication Date:** FEB  
**IDS No.:** WW403  
**29-char source abbrev:** PHYSICA B

---

**Record 466 of 500**

**Author(s):** vandenHoven GN; Polman A; Alves E; daSilva MF; Melo AA; Soares JC  
**Title:** Lattice site and photoluminescence of erbium implanted in  $\alpha-Al_2O_3$   
**Source:** JOURNAL OF MATERIALS RESEARCH 1997, Vol 12, Iss 5, pp 1401-1404  
**ISSN/ISBN:** 0884-2914  
**Addresses:** vandenHoven GN, FOM,INST ATOM & MOL PHYS,KRUISLAAN 407,NL-1098 SJ AMSTERDAM,NETHERLANDS  
ITN,DEPT FIS,P-2685 SCAVEM,PORTUGAL  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL

**Times Cited:** 5  
**Source item page count:** 4  
**Publication Date:** MAY

**IDS No.:** WY198  
**29-char source abbrev:** J MATER RES

---

**Record 467 of 500**

**Author(s):** Li SX; Freitas PP; Rogalski MS; Azevedo M; Sousa JB; Dai ZN; Soares JC; Matsakawa N; Sakakima H  
**Title:** Magnetic properties and structure of a new multilayer [FeTaN/TaN](n) for recording heads  
**Source:** JOURNAL OF APPLIED PHYSICS 1997, Vol 81, Iss 8, pp 4501-4503  
**ISSN/ISBN:** 0021-8979  
**Addresses:** Li SX, INESC,R ALVES REDOL 9-1,P-1000 LISBON,PORTUGAL  
FCUP,IFIMUP,P-4200 OPORTO,PORTUGAL  
IST,P-1000 LISBON,PORTUGAL  
ITN,P-2685 SACAVEM,PORTUGAL  
CFNUL,P-2685 SACAVEM,PORTUGAL  
MATSUSHITA ELECT IND CO LTD,KADOMA,OSAKA 571,JAPAN  
**Times Cited:** 3  
**Source item page count:** 3  
**Publication Date:** APR 15  
**Part number:** 2A  
**IDS No.:** WV536  
**29-char source abbrev:** J APPL PHYS

---

**Record 468 of 500**

**Author(s):** Cupido L; Prentice R; Bartlett DV; Manso ME; Nunes I; Serra F; Silva A  
**Title:** A new comb reflectometer for the JET divertor plasma  
**Source:** PLASMA PHYSICS AND CONTROLLED FUSION 1997, Vol 39, Iss 2, pp 249-260  
**ISSN/ISBN:** 0741-3335  
**Addresses:** Cupido L, INST SUPER TECN,CTR FUSAO NUCL,P-1096  
LISBON,PORTUGAL  
JET JOINT UNDERTAKING,ABINGDON OX14 3EA,OXON,ENGLAND  
**Times Cited:** 3  
**Source item page count:** 12

**Publication Date:** FEB  
**IDS No.:** WM727  
**29-char source abbrev:** PLASMA PHYS CONTROL FUSION

---

**Record 469 of 500**

**Author(s):** Sochinskii NV; Munoz V; Bellani V; Vina L; Dieguez E; Alves E; daSilva MF; Soares JC; Bernardi S  
**Title:** Substrate effect on CdTe layers grown by metalorganic vapor phase epitaxy  
**Source:** APPLIED PHYSICS LETTERS 1997, Vol 70, Iss 10, pp 1314-1316  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Sochinskii NV, UNIV VALENCIA,DEPT FIS APLICADA,C DOCTOR MOLINER 50,E-46100 BURJASSOT,VALENCIA,SPAIN  
UNIV AUTONOMA MADRID,DEPT FIS MAT,E-28049 MADRID,SPAIN  
INST TECNOL & NUCL,DEPT FIS,P-2685 SCAVEM,PORTUGAL  
CONSORZIO CREO,I-67100 LAQUILA,ITALY  
**Times Cited:** 17  
**Source item page count:** 3  
**Publication Date:** MAR 10  
**IDS No.:** WL865  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 470 of 500**

**Author(s):** Rebouta L; daSilva MF; Soares JC; Serrano D; Dieguez E; AgulloLopez F; Tornero J  
**Title:** Nonaxial sites for Er in LiNbO3  
**Source:** APPLIED PHYSICS LETTERS 1997, Vol 70, Iss 9, pp 1070-1072  
**ISSN/ISBN:** 0003-6951  
**Addresses:** Rebouta L, UNIV MINHO,DEPT FIS,LARGO DO PACO,P-4710 BRAGA,PORTUGAL  
ITN,P-2685 SCAVEM,PORTUGAL  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
UNIV AUTONOMA MADRID,DEPT FIS MAT,E-28049 MADRID,SPAIN  
UNIV AUTONOMA MADRID,DEPT QUIM FIS,E-28049 MADRID,SPAIN

**Times Cited:** 13  
**Source item page count:** 3  
**Publication Date:** MAR 3  
**IDS No.:** WL147  
**29-char source abbrev:** APPL PHYS LETT

---

**Record 471 of 500**

**Author(s):** Casaca A; Bonfait G; Lenkens M; Muller G; Lander K; Edwards JA  
**Title:** Model for the broadening of the resistive transition in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>-delta thin films  
**Source:** SUPERCONDUCTOR SCIENCE & TECHNOLOGY 1997, Vol 10, Iss 2, pp 75-81  
**ISSN/ISBN:** 0953-2048  
**Addresses:** Casaca A, ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
UNIV NOVA LISBOA,FAC CIENCIAS & TECNOL,DEPT FIS,P-2825  
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42097 WUPPERTAL,GERMANY  
DRA ELECT DIV,MALVERN WR14 3PS,WORCS,ENGLAND  
**Times Cited:** 1  
**Source item page count:** 7  
**Publication Date:** FEB  
**IDS No.:** WK203  
**29-char source abbrev:** SUPERCONDUCT SCI TECHNOL

---

**Record 472 of 500**

**Author(s):** Li SX; Freitas PP; Cardoso S; Soares JC; Almeida B; Sousa JB  
**Title:** [FeTa<sub>n</sub>/Ta<sub>n</sub>](n) soft multilayers for write head pole pieces  
**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 1997, Vol 165, Iss 1-3, pp 363-366  
**ISSN/ISBN:** 0304-8853

**Addresses:** Li SX, INESC,R ALVES 9-1,P-1000 LISBON,PORTUGAL  
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ITN,P-2685 SACAVEM,PORTUGAL  
CFNUL,P-2685 SACAVEM,PORTUGAL  
IFIMUP,FCUP,P-4200 OPORTO,PORTUGAL

**Times Cited:** 2

**Source item page count:** 4

**Publication Date:** JAN

**IDS No.:** WF862

**29-char source abbrev:** J MAGN MAGN MATER

---

### Record 473 of 500

**Author(s):** Costa J; Delgado R; Figueira MD; Henriques RT; Teixeira M

**Title:** Metal complexes of a tetraaza macrocycle with N-carboxymethyl groups as pendant arms

**Source:** JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS  
1997, Iss 1, pp 65-73

**ISSN/ISBN:** 0300-9246

**Addresses:** Costa J, UNIV NOVA LISBOA,INST TECNOL QUIM & BIOL,RUA  
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UNIV NOVA LISBOA,FAC CIENCIAS & TECNOL,P-2825 MONTE DE  
CAPARICA,PORTUGAL

**Times Cited:** 17

**Source item page count:** 9

**Publication Date:** JAN 7

**IDS No.:** WF037

**29-char source abbrev:** J CHEM SOC DALTON TRANS

---

### Record 474 of 500

**Author(s):** Margaca FMA; Salvado IMM; Teixeira J

**Title:** SANS of ZrO<sub>2</sub> center dot SiO<sub>2</sub> gels



**Source:** JOURNAL OF NON-CRYSTALLINE SOLIDS 1997, Vol 209, Iss 1-2, pp 143-148  
**ISSN/ISBN:** 0022-3093  
**Addresses:** Margaca FMA, ITN,DEPT FIS,EN 10,P-2686 SACAVEM,PORTUGAL  
UNIV AVEIRO,DEPT ENGN CERAM & VIDRO,P-3800  
AVEIRO,PORTUGAL  
CENS,CEA,CNRS,LLB,F-91191 GIF SUR YVETTE,FRANCE  
**Times Cited:** 5  
**Source item page count:** 6  
**Publication Date:** JAN  
**IDS No.:** WF096  
**29-char source abbrev:** J NON-CRYST SOLIDS

---

**Record 475 of 500**

**Author(s):** Wagner D; Kasperek W; Gantenbein G; Manso ME; Sanchez J; Donne AJH  
**Title:** Transmission line studies for ITER compatible reflectometers  
**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1997, Vol 68, Iss 1, pp 431-434  
**ISSN/ISBN:** 0034-6748  
**Addresses:** Wagner D, UNIV STUTTGART,INST  
PLASMAFORSCH,PFaffenWALDRING 31,D-70569  
STUTTGART,GERMANY  
INST SUPER TECN,EURATOM ASSOC,IST,CTR FUSAO NUCL,P-1096  
LISBON,PORTUGAL  
CIEMAT,EURATOM ASSOC,E-28040 MADRID,SPAIN  
EURATOM,FOM,INST PLASMA RIJNHUIZEN,NL-3430 BE  
NIEUWEGEIN,NETHERLANDS  
**Times Cited:** 0  
**Source item page count:** 4  
**Publication Date:** JAN  
**Part number:** 2  
**IDS No.:** WD237  
**29-char source abbrev:** REV SCI INSTR

---

**Record 476 of 500**

**Author(s):** Nunes F; Varela P; Silva A; Manso M; Santos J; Nunes I; Serra F; Kurzan B; Suttrop W

**Title:** A two-dimensional regularization algorithm for density profile evaluation from broadband reflectometry

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1997, Vol 68, Iss 1, pp 906-909

**ISSN/ISBN:** 0034-6748

**Addresses:** Nunes F, INST SUPER TECN,CTR FUSAO NUCL,EURATOM ASSOC,IST,P-1096 LISBON,PORTUGAL  
EURATOM,IPP ASSOC,MPI PLASMAPHYS,D-85748 GARCHING,GERMANY

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** WD237

**29-char source abbrev:** REV SCI INSTR

---

**Record 477 of 500**

**Author(s):** Varela P; Silva A; Manso M; Santos J; Nunes F

**Title:** Data processing techniques for density profile evaluation from FM-CW reflectometry

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1997, Vol 68, Iss 1, pp 910-913

**ISSN/ISBN:** 0034-6748

**Addresses:** Varela P, INST SUPER TECN,CTR FUSAO NUCL,EURATOM ASSOC,IST,P-1096 LISBON,PORTUGAL

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** JAN

**Part number:** 2

**IDS No.:** WD237

**29-char source abbrev:** REV SCI INSTR

---

**Record 478 of 500**

**Author(s):** Trifonov AA; VandeWeghe P; Collin J; Domingos A; Santos I

**Title:** Synthesis of lanthanide complexes coordinated by an asymmetric cyclopentadienyl ligand  
**Source:** JOURNAL OF ORGANOMETALLIC CHEMISTRY 1997, Vol 527, Iss 1-2, pp 225-237  
**ISSN/ISBN:** 0022-328X  
**Addresses:** UNIV PARIS 11,ICMO,URA 1497,LAB SYNTHESE ASYMETR,F-91405 ORSAY,FRANCE  
ITN,DEPT QUIM,P-2688 SACAVEM,PORTUGAL  
**Times Cited:** 27  
**Source item page count:** 13  
**Publication Date:** JAN 11  
**IDS No.:** WB286  
**29-char source abbrev:** J ORGANOMETAL CHEM

---

**Record 479 of 500**

**Author(s):** Marcalo J; Leal JP; deMatos AP  
**Title:** Gas phase actinide ion chemistry: Activation of alkanes and alkenes by thorium cations  
**Source:** INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESSES 1996, Vol 158, pp 265-274  
**ISSN/ISBN:** 0168-1176  
**Addresses:** INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 10  
**Publication Date:** DEC 20  
**IDS No.:** WB312  
**29-char source abbrev:** INT J MASS SPECTROM ION PROC

---

**Record 480 of 500**

**Author(s):** Silva A; Manso ME; Cupido L; Albrecht M; Serra F; Varela P; Santos J; Vergamota S; Eusebio F; Fernandes J; Grossmann T; Kallenbach A; Kurzan B; Loureiro C; Meneses L; Nunes I; Silva F; Suttrop W  
**Title:** Ultrafast broadband frequency modulation of a continuous wave reflectometry system to measure density profiles on ASDEX Upgrade

**Source:** REVIEW OF SCIENTIFIC INSTRUMENTS 1996, Vol 67, Iss 12, pp 4138-4145

**ISSN/ISBN:** 0034-6748

**Addresses:** Silva A, INST SUPER TECN,CTR FUS NUCL,ASSOC EURATOM IST,P-1096 LISBON,PORTUGAL  
MAX PLANCK INST PLASMA PHYS,EURATOM IPP ASSOC,D-85748 GARCHING,GERMANY

**Times Cited:** 19

**Source item page count:** 8

**Publication Date:** DEC

**IDS No.:** WA091

**29-char source abbrev:** REV SCI INSTR

---

**Record 481 of 500**

**Author(s):** Antunes J; Axisa F; Grunenwald T

**Title:** Dynamics of rotors immersed in eccentric annular flow .1. Theory

**Source:** JOURNAL OF FLUIDS AND STRUCTURES 1996, Vol 10, Iss 8, pp 893-918

**ISSN/ISBN:** 0889-9746

**Addresses:** Antunes J, INST TECNOL & NUCL,STRUCT MECH LAB,P-2686 SACAVEM,PORTUGAL  
CEA,DEPT MECAN & TECHNOL,F-91191 GIF SUR YVETTE,FRANCE

**Times Cited:** 4

**Source item page count:** 26

**Publication Date:** NOV

**IDS No.:** WA288

**29-char source abbrev:** J FLUID STRUCTURE

---

**Record 482 of 500**

**Author(s):** Grunenwald T; Axisa F; Bennett G; Antunes J

**Title:** Dynamics of rotors immersed in eccentric annular flow .2. Experiments

**Source:** JOURNAL OF FLUIDS AND STRUCTURES 1996, Vol 10, Iss 8, pp 919-944

**ISSN/ISBN:** 0889-9746

**Addresses:** Grunenwald T, CEA,DEPT MECAN & TECNOL,F-91191 GIF SUR YVETTE,FRANCE  
UNIV DUBLIN TRINITY COLL,DEPT MECH ENGN,DUBLIN 2,IRELAND  
INST TECNOL & NUCL,STRUCT MECH LAB,P-2686 SACAVEM,PORTUGAL

**Times Cited:** 4

**Source item page count:** 26

**Publication Date:** NOV

**IDS No.:** WA288

**29-char source abbrev:** J FLUID STRUCTURE

---

**Record 483 of 500**

**Author(s):** Pereira LCJ; Paixao JA; Estrela P; Godinho M; Boudarot F; Bonnet M; Rebizant J; Spirlet JC; Almeida M

**Title:** A single-crystal magnetization and neutron scattering investigation of the magnetic structure of U<sub>2</sub>Rh<sub>2</sub>Sn

**Source:** JOURNAL OF PHYSICS-CONDENSED MATTER 1996, Vol 8, Iss 50, pp 11167-11179

**ISSN/ISBN:** 0953-8984

**Addresses:** COMMISS EUROPEAN COMMUNITIES,JOINT RES CTR,INST TRANSURANIUM ELEMENTS,D-76125 KARLSRUHE,GERMANY  
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UNIV LISBON,FAC CIENCIAS,DEPT FIS,P-1700 LISBON,PORTUGAL  
CEA,DEPT RECH FONDAMENTALE MAT CONDENSEE,SPSMS,F-38054 GRENOBLE 9,FRANCE  
INST TECNOL & NUCL,P-2686 SACAVEM,PORTUGAL

**Times Cited:** 3

**Source item page count:** 13

**Publication Date:** DEC 9

**IDS No.:** VZ311

**29-char source abbrev:** J PHYS-CONDENS MATTER

---

**Record 484 of 500**

**Author(s):** Herreros B; Lifante G; Kling A; Soares JC; daSilva MF; Townsend PD; Chandler PJ; Olivares J; Cabrera JM

**Title:** RBS/channelling study of ion-implanted and proton-exchanged LiNbO<sub>3</sub>:Nd<sup>3+</sup>:MgO planar waveguides

**Source:** OPTICAL MATERIALS 1996, Vol 6, Iss 4, pp 281-286

**ISSN/ISBN:** 0925-3467

**Addresses:** Herreros B, UNIV AUTONOMA MADRID,DEPT FIS MAT,E-28049 MADRID,SPAIN  
UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
ITN,DEPT FIS,P-2685 SACA VEM,PORTUGAL  
UNIV SUSSEX,DEPT PHYS & ASTRON,BRIGHTON BN1 9QH,E SUSSEX,ENGLAND

**Times Cited:** 1

**Source item page count:** 6

**Publication Date:** NOV

**IDS No.:** VZ521

**29-char source abbrev:** OPT MATER

---

**Record 485 of 500**

**Author(s):** Lopes EB; Matos MJ; Henriques RT; Almeida M; Dumas J

**Title:** Charge density wave dynamics in quasi-one dimensional molecular conductors: A comparative study of (Per)<sub>2</sub>M(mnt)<sub>2</sub> with M=Au, Pt

**Source:** JOURNAL DE PHYSIQUE I 1996, Vol 6, Iss 12, pp 2141-2149

**ISSN/ISBN:** 1155-4304

**Addresses:** CNRS,ETUD PROPRIETES ELECT SOLIDES LAB,F-38042 GRENOBLE 9,FRANCE  
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INST SUPER ENGN LISBOA,P-1900 LISBON,PORTUGAL  
INST SUPER TECN,DEPT ENGN QUIM,P-1096 LISBON,PORTUGAL

**Times Cited:** 0

**Source item page count:** 9

**Publication Date:** DEC

**IDS No.:** VZ315

**29-char source abbrev:** J PHYS I

---

**Record 486 of 500**

**Author(s):** Correia JG; Marques JG; Soares JC; Alves E; daSilva MF; Freitag K; Vianden R

**Title:** Radiation damage annealing of Hg implanted InP

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1996, Vol 120, Iss 1-4, pp 244-247

**ISSN/ISBN:** 0168-583X

**Addresses:** Correia JG, CFNUL,AV PROF GAMA PINTO 2,P-1699 LISBON,PORTUGAL  
ITN,P-2685 SACAVEM,PORTUGAL  
UNIV BONN,ISKP,D-53115 BONN,GERMANY  
CERN,CH-1211 GENEVA 23,SWITZERLAND

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** DEC

**IDS No.:** VZ245

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 487 of 500**

**Author(s):** Alves E; daSilva MF; Marques JG; Correia JG; Soares JC; Freitag K

**Title:** Low temperature epitaxial regrowth of mercury implanted sapphire

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1996, Vol 120, Iss 1-4, pp 248-251

**ISSN/ISBN:** 0168-583X

**Addresses:** Alves E, INST TECNOL & NUCL,ESTRADA NAC 10,P-2685 SACAVEM,PORTUGAL  
UNIV LISBON,CFN,P-1699 LISBON,PORTUGAL  
CERN,ISOLDE COLLABORAT,CH-1211 GENEVA,SWITZERLAND  
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**Times Cited:** 2

**Source item page count:** 4

**Publication Date:** DEC

**IDS No.:** VZ245

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 488 of 500**

**Author(s):** Matos M; Bonfait G; Henriques RT; Almeida M  
**Title:** Modification of the magnetic-field dependence of the Peierls transition by a magnetic chain  
**Source:** PHYSICAL REVIEW B 1996, Vol 54, Iss 21, pp 15307-15313  
**ISSN/ISBN:** 0163-1829  
**Addresses:** Matos M, INST TECNOL & NUCL,DEPT QUIM,P-2686  
SACAVEM,PORTUGAL  
INST SUPER ENGN LISBOA,DEPT QUIM,P-1900 LISBON,PORTUGAL  
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MONTE DE CAPARICA,PORTUGAL  
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LISBON,PORTUGAL  
**Times Cited:** 5  
**Source item page count:** 7  
**Publication Date:** DEC 1  
**IDS No.:** VY201  
**29-char source abbrev:** PHYS REV B

---

**Record 489 of 500**

**Author(s):** Falcao AN; Pedersen JS; Mortensen K  
**Title:** Neutron scattering experiments on swollen, uniaxially stretched polymer networks  
**Source:** JOURNAL OF MOLECULAR STRUCTURE 1996, Vol 383, Iss 1-3, pp 69-74  
**ISSN/ISBN:** 0022-2860  
**Addresses:** Falcao AN, ITN,DEPT FIS,EST NACL 10,P-2685 SACAVEM,PORTUGAL  
RISO NATL LAB,DEPT SOLID STATE PHYS,RIO,DENMARK  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** SEP 30  
**IDS No.:** VW789



**29-char source abbrev:** J MOL STRUCT

---

**Record 490 of 500**

**Author(s):** Salvado IMM; Margaca FMA; Teixeira J  
**Title:** Structure of mineral gels  
**Source:** JOURNAL OF MOLECULAR STRUCTURE 1996, Vol 383, Iss 1-3, pp 271-276  
**ISSN/ISBN:** 0022-2860  
**Addresses:** Salvado IMM, UNIV AVEIRO,DEP ENG CERAM & VIDRO,P-3800 AVEIRO,PORTUGAL  
ITN,DEPT FIS,P-2686 SCAVEM,PORTUGAL  
CTR ETUD SACLAY,CEA,CNRS,LAB LEON BRILLOUIN,F-91191 GIF SUR YVETTE,FRANCE  
**Times Cited:** 0  
**Source item page count:** 6  
**Publication Date:** SEP 30  
**IDS No.:** VW789  
**29-char source abbrev:** J MOL STRUCT

---

**Record 491 of 500**

**Author(s):** Bonfait G; Almeida M  
**Title:** The Peierls transition in a magnetic field for the two-chain organic conductor (Perylene)<sub>2</sub>[Pt(S<sub>2</sub>C<sub>2</sub>(CN)<sub>2</sub>)<sub>2</sub>]  
**Source:** EUROPHYSICS LETTERS 1996, Vol 36, Iss 6, pp 477-479  
**ISSN/ISBN:** 0295-5075  
**Addresses:** Bonfait G, INST TECNOL & NUCL,DEPT QUIM,P-2686 SCAVEM,PORTUGAL  
UNIV NOVA LISBOA,DEPT FIS,P-2825 MONTE DE CAPARICA,PORTUGAL  
**Times Cited:** 0  
**Source item page count:** 3  
**Publication Date:** NOV 20  
**IDS No.:** VW165  
**29-char source abbrev:** EUROPHYS LETT

**Record 492 of 500**

**Author(s):** Goncalves AP; Almeida M  
**Title:** Extended Miedema model: Predicting the formation enthalpies of intermetallic phases with more than two elements  
**Source:** PHYSICA B 1996, Vol 228, Iss 3-4, pp 289-294  
**ISSN/ISBN:** 0921-4526  
**Addresses:** Goncalves AP, INST TECNOL & NUCL,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
**Times Cited:** 1  
**Source item page count:** 6  
**Publication Date:** NOV  
**IDS No.:** VU641  
**29-char source abbrev:** PHYSICA B

---

**Record 493 of 500**

**Author(s):** Zwirner S; Ichas V; Braithwaite D; Waerenborgh JC; Heathman S; Potzel W; Kalvius GM; Spirlet JC; Rebizant J  
**Title:** Magnetic properties of NpGa<sub>3</sub> at high pressures  
**Source:** PHYSICAL REVIEW B 1996, Vol 54, Iss 17, pp 12283-12293  
**ISSN/ISBN:** 0163-1829  
**Addresses:** Zwirner S, COMMISS EUROPEAN COMMUNITIES,JOINT RES CTR,INST TRANSURANIUM ELEMENTS,POSTFACH 2340,D-76125 KARLSRUHE,GERMANY  
TECH UNIV MUNICH,DEPT PHYS E15,D-85747 GARCHING,GERMANY  
CEA,SPSMS,DEPT RECH FONDAMENTALE MAT CONDENSEE,LCP,F-38054 GRENOBLE 9,FRANCE  
ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
**Times Cited:** 6  
**Source item page count:** 11  
**Publication Date:** NOV 1  
**IDS No.:** VT681  
**29-char source abbrev:** PHYS REV B

**Record 494 of 500**

**Author(s):** Kling A; Rebouta L; Marques JG; Correia JG; daSilva MF; Dieguez E; AgulloLopez F; Soares JC

**Title:** Ion beam channeling and hyperfine interaction analysis for the characterization of stoichiometry and anti-site population in LiNbO<sub>3</sub>

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1996, Vol 118, Iss 1-4, pp 622-625

**ISSN/ISBN:** 0168-583X

**Addresses:** UNIV LISBON,CTR FIS NUCL,P-1699 LISBON,PORTUGAL  
UNIV MINHO,DEPT FIS,P-4719 BRAGA,PORTUGAL  
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UNIV AUTONOMA MADRID,DEPT MAT,E-28049 MADRID,SPAIN  
CERN,DIV PPE,CH-1211 GENEVA 23,SWITZERLAND

**Times Cited:** 2

**Source item page count:** 4

**Publication Date:** SEP

**IDS No.:** VN261

**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 495 of 500**

**Author(s):** Barradas NP; Soares JC; daSilva MF; Plaskett TS; Freitas PP

**Title:** Rutherford backscattering study of thin oxide layers prepared by reactive magnetron sputtering

**Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1996, Vol 118, Iss 1-4, pp 626-629

**ISSN/ISBN:** 0168-583X

**Addresses:** CFNUL,P-1600 LISBON,PORTUGAL  
ITN,P-2685 SACAEM,PORTUGAL  
INESC,P-1000 LISBON,PORTUGAL

**Times Cited:** 1

**Source item page count:** 4

**Publication Date:** SEP

**IDS No.:** VN261  
**29-char source abbrev:** NUCL INSTRUM METH PHYS RES B

---

**Record 496 of 500**

**Author(s):** Peysson Y; Arslanbekov R; Basiuk V; Carrasco J; Litaudon X; Moreau D; Bizarro JP  
**Title:** Magnetic ripple and the modeling of lower-hybrid current drive in tokamaks  
**Source:** PHYSICS OF PLASMAS 1996, Vol 3, Iss 10, pp 3668-3688  
**ISSN/ISBN:** 1070-664X  
**Addresses:** Peysson Y, EURATOM,CEA,CTR ETUD CADARACHE,F-13108 ST PAUL DURANCE,FRANCE  
INST SUPER TECN,EURATOM ASSOC,CTR FUSAO NUCL,P-1096 LISBON,PORTUGAL  
**Times Cited:** 11  
**Source item page count:** 21  
**Publication Date:** OCT  
**IDS No.:** VL795  
**29-char source abbrev:** PHYS PLASMAS

---

**Record 497 of 500**

**Author(s):** LeTouze C; Bonfait G; Schlenker C; Dumas J; Almeida M; Greenblatt M  
**Title:** Shubnikov-de Haas effect in the quasi-two-dimensional bronze P4W8O32.  
**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1996, Vol 46, pp 2617-2618  
**ISSN/ISBN:** 0011-4626  
**Addresses:** LeTouze C, CNRS,ETUD PROPRIETES ELECT SOLIDES LAB,BP 166,F-38042 GRENOBLE 09,FRANCE  
ITN,DEPT QUIM,P-2686 SACAVEM,PORTUGAL  
RUTGERS STATE UNIV,DEPT CHEM,PISCATAWAY,NJ 08855  
**Times Cited:** 0  
**Source item page count:** 2  
**Supplement:** 5  
**IDS No.:** VL442  
**29-char source abbrev:** CZECH J PHYS

---

**Record 498 of 500**

**Author(s):** Casaca A; Bonfait G; Santos IC; Henriques RT; Galvao A; Lenkens M; Muller G; Lander K; Edwards JA

**Title:** Hall effect in RBa(2)Cu(3)O(7) (R=Y,Yb) thin films in high magnetic fields.

**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1996, Vol 46, pp 1753-1754

**ISSN/ISBN:** 0011-4626

**Addresses:** Casaca A, ITN,DEPT QUIM,P-2628 SACAVEM,PORTUGAL  
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BERG UNIV GESAMTHSCH WUPPERTAL,FACHBEREICH PHYS,D-42097 WUPPERTAL,GERMANY  
DEF RES AGCY,DIV ELECT,MALVERN WR14 3PS,WORCS,ENGLAND

**Times Cited:** 2

**Source item page count:** 2

**Supplement:** 3

**IDS No.:** VL440

**29-char source abbrev:** CZECH J PHYS

---

**Record 499 of 500**

**Author(s):** Amaro A; Shlyk L; Godinho M; Bonfait G; Almeida M

**Title:** Magnetisation and magnetoresistance of a hexagonal UPtSn single crystal

**Source:** CZECHOSLOVAK JOURNAL OF PHYSICS 1996, Vol 46, pp 2079-2080

**ISSN/ISBN:** 0011-4626

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## Record 500 of 500

- Author(s):** Chiang CI; Meyer O; daSilva RMC
- Title:** The modification of mechanical properties and adhesion of boron carbide sputtered films by ion implantation
- Source:** NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 1996, Vol 117, Iss 4, pp 408-414
- ISSN/ISBN:** 0168-583X
- Addresses:** FORSCHUNGSZENTRUM KARLSRUHE,INST NUKL  
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CSIST,MAT RES & DEV CTR,LUNGTAN,TAIWAN
- Times Cited:** 4
- Source item page count:** 7
- Publication Date:** OCT
- IDS No.:** VL218
- 29-char source abbrev:** NUCL INSTRUM METH PHYS RES B
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- Times Cited:** 5
- Source item page count:** 20
- Publication Date:** JAN
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