

PAPERS PUBLISHED BY NPL RESEARCHERS IN SCI JOURNALS IN 2003

*SOURCE: Web of Science.....AS ON 15/04/2009

1. Title: [Composite polymeric electrolytes based on PMMA-LiCF₃SO₃-SiO₂](#)
Author(s): Ahmad S, Ahmad S, Agnihotry SA
Source: IONICS Volume: 9 Issue: 5-6 Pages: 439-443 Published: 2003
Times Cited: 0
[Full Text](#)
2. Title: [Determination of arsenic in fly ash and sulphide ore by flame atomic absorption spectrometry using hydride generator](#)
Author(s): Singh N, Sarkar AK, Ramchandran R, et al.
Source: ASIAN JOURNAL OF CHEMISTRY Volume: 15 Issue: 3 Pages: 1327-1330
Published: JUL-DEC 2003
Times Cited: [1](#)
3. Title: [Determination of mercury in fly ash by flameless cold vapour atomic absorption spectrometry using hydride generator](#)
Author(s): Singh N, Sarkar AK
Source: ASIAN JOURNAL OF CHEMISTRY Volume: 15 Issue: 3 Pages: 1593-1597
Published: JUL-DEC 2003
Times Cited: 0
4. Title: [Light weight, high strength material development at NPL using novel processing techniques](#)
Author(s): Gupta AK
Source: TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS Volume: 56 Issue: 6 Pages: 549-558 Published: DEC 2003
Times Cited: 0
5. Title: [Results of differential mode of operation of the standard time and frequency signal \(STFS\) broadcast via INSAT](#)
Author(s): Gupta AS, Hanjura AK, Mathur BS, et al.
Source: IETE TECHNICAL REVIEW Volume: 20 Issue: 6 Pages: 493-505 Published: NOV-DEC 2003
Times Cited: 0
6. Title: [A CMOS operational floating conveyor](#)
Author(s): Rajput SS, Jamuar SS
Source: IETE TECHNICAL REVIEW Volume: 20 Issue: 6 Pages: 507-515 Published: NOV-DEC 2003
Times Cited: 0
7. Title: [Direct near infrared analysis of sugar cane clear juice using a fibre-optic transmittance probe](#)
Author(s): Tewari J, Mehrotra R, Irudayaraj J
Source: JOURNAL OF NEAR INFRARED SPECTROSCOPY Volume: 11 Issue: 5 Pages: 351-356 Published: 2003
Times Cited: [7](#)
8. Title: [Study of mid-latitude nighttime enhancement in F-region electron density using tomographic images over the UK](#)
Author(s): Dabas RS, Kersley L

Source: ANNALES GEOPHYSICAE Volume: 21 Issue: 12 Pages: 2323-2328 Published: DEC 2003

Times Cited: [2](#)

9. Title: [Photoresponsive self-assembled monolayer/photopolymer film for optical information storage using liquid crystals](#)

Author(s): Jain SC, Tanwar VK

Conference Information: 6th International Conference on Optoelectronics, Fibre Optics and Photonics, DEC, 2002 MUMBAI, INDIA

Source: IEE PROCEEDINGS-CIRCUITS DEVICES AND SYSTEMS Volume: 150 Issue: 6 Pages: 556-558 Published: DEC 2003

Times Cited: [1](#)

[Full Text](#)

10. Title: [Plasma distribution at Venus and ionospheric magnetic fields: Implication for Mars](#)

Author(s): Dwivedi AK, Mahajan KK

Source: GEOPHYSICAL RESEARCH LETTERS Volume: 30 Issue: 24 Article Number: 2284 Published: DEC 27 2003

Times Cited: [1](#)

[Full Text](#)

11. Title: [Effect of substrate bias on SE, XPS and XAES studies of diamond-like carbon films deposited by saddle field fast atom beam source](#)

Author(s): Sharma R, Panwar OS, Kumar S, et al.

Source: APPLIED SURFACE SCIENCE Volume: 220 Issue: 1-4 Pages: 313-320 Published: DEC 30 2003

Times Cited: [4](#)

[Full Text](#)

12. Title: [A novel method to measure the decay frequency of a dynamically tuned gyroscope flexure](#)

Author(s): Sanjid AM, Prasad RS, Thejam AA, et al.

Source: MEASUREMENT SCIENCE & TECHNOLOGY Volume: 14 Issue: 12 Pages: 2081-2088 Published: DEC 2003

Times Cited: 0

[Full Text](#)

13. Title: [Doppler technique for detection of victims buried under earthquake rubble](#)

Author(s): Banerjee PK, Sengupta A

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 12 Pages: 970-974 Published: DEC 2003

Times Cited: [1](#)

14. Title: [Evaluation of uncertainty of measurement in calibration of electrostatic voltmeter - A case study](#)

Author(s): Jaiswal SK, Gupta SR, Sridhar L, et al.

Source: JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH Volume: 62 Issue: 12 Pages: 1176-1180 Published: DEC 2003

Times Cited: 0

15. Title: [Rain height in relation to 0 degrees C isotherm height for satellite communication over the Indian Subcontinent](#)

Author(s): Mondal NC, Sarkar SK

Source: THEORETICAL AND APPLIED CLIMATOLOGY Volume: 76 Issue: 1-2 Pages: 89-104 Published: NOV 2003

Times Cited: [5](#)

[Full Text](#)

16. Title: [Low field magnetoresistance and conduction noise in La_{0.67}Ba_{0.33}MnO₃ film](#)
Author(s): Khare N, Moharil UP, Singh B, et al.
Source: NATIONAL ACADEMY SCIENCE LETTERS-INDIA Volume: 26 Issue: 7-8
Pages: 214-220 Published: 2003
Times Cited: [2](#)
17. Title: [A JAVA program for designing synchronously tuned extended cavity diode laser in Littrow configuration](#)
Author(s): Pugla S, Chawla S
Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 11
Pages: 879-883 Published: NOV 2003
Times Cited: 0
18. Title: [Thermal transport in chemically doped polyaniline materials](#)
Author(s): Joshi GP, Saxena NS, Sharma TP, et al.
Source: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS Volume: 64 Issue: 12
Pages: 2391-2396 Published: DEC 2003
Times Cited: [6](#)
19. Title: [Kinetic, mechanistic, and thermodynamic investigations on ferrofluid-catalyzed oxidation of L-ascorbic acid by hydrogen peroxide in acidic aqueous solution](#)
Author(s): Shukla RS, Pant RP
Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE Volume: 268 Issue: 1
Pages: 168-172 Published: DEC 1 2003
Times Cited: [3](#)
20. Title: [Full-wave modelling of nonlinear power dependence of high-T-c superconducting microstrip resonators](#)
Author(s): Kedar A, Gupta KK
Source: ELECTRONICS LETTERS Volume: 39 Issue: 23 Pages: 1660-1661 Published: NOV 13 2003
Times Cited: 0
21. Title: [Application of polyaniline/sol-gel derived tetraethylorthosilicate films to an amperometric lactate biosensor](#)
Author(s): Chaubey A, Pande KK, Malhotra BD
Source: ANALYTICAL SCIENCES Volume: 19 Issue: 11 Pages: 1477-1480 Published: NOV 2003
Times Cited: [6](#)
22. Title: [CAD analysis of HTS microstrip patch antenna using a spectral domain method](#)
Author(s): Kedar A, Gupta KK, Srivastava GP, et al.
Source: ELECTROMAGNETICS Volume: 23 Issue: 7 Pages: 595-605 Published: OCT 2003
Times Cited: 0
23. Title: [Raman studies of In_{0.53}Ga_{0.47}As/InP multi quantum wells](#)
Author(s): Varandani D, Dilawar N, Bandyopadhyay AK
Source: THIN SOLID FILMS Volume: 444 Issue: 1-2 Pages: 221-226 Published: NOV 1

2003

Times Cited: 1

[Full Text](#)

24. Title: [Effect of out-of-plane interactions on normal state spectral properties of bilayer cuprate](#)
Author(s): Govind, Joshi SK
Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS Volume: 398
Issue: 1-2 Pages: 13-19 Published: NOV 1 2003
Times Cited: 0
[Full Text](#)
25. Title: [Quantitative estimation of constituents in fly ash by lithium tetraborate fusion](#)
Author(s): Singh N, Ramachandran RD, Sarkar AK
Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY Volume: 83 Issue: 10 Pages: 891-896 Published: OCT 2003
Times Cited: 2
[Full Text](#)
26. Title: [Dependence of field-emission threshold in diamond-like carbon films grown by various techniques](#)
Author(s): Panwar OS, Kumar S, Rajput SS, et al.
Source: VACUUM Volume: 72 Issue: 2 Pages: 183-192 Published: OCT 24 2003
Times Cited: 0
[Full Text](#)
27. Title: [Electron field-emission from diamond-like carbon films grown by a saddle field fast atom beam source](#)
Author(s): Panwar OS, Sharma R, Kumar S, et al.
Source: JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B Volume: 21 Issue: 5
Pages: 1986-1995 Published: SEP-OCT 2003
Times Cited: 0
[Full Text](#)
28. Title: [Semiconductor materials characterisation by Raman spectroscopy](#)
Author(s): Bose DN, Bandopadhyay AK
Source: INDIAN JOURNAL OF PHYSICS AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE-PART B Volume: 77B Issue: 1
Pages: 139-143 Published: FEB 2003
Times Cited: 0
29. Title: [Rain attenuation at 13 GHz over a LOS terrestrial link situated in Indian eastern sector](#)
Author(s): Sarkar SK, Kumar R, Das J
Source: INDIAN JOURNAL OF PHYSICS AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE-PART B Volume: 77B Issue: 3
Pages: 271-275 Published: JUN 2003
Times Cited: 5
30. Title: [Photoemission study of Ba²⁺ and Nd³⁺ substitution for Ca²⁺ in the BSCCO \(2212\) superconducting system](#)
Author(s): Kumari K, Singhal RK, Garg KB, et al.
Source: INDIAN JOURNAL OF PHYSICS AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE-PART A Volume: 77A Issue: 4
Pages: 333-339 Published: JUL 2003
Times Cited: 0

31. Title: [Role of CuO chains on the supercurrent density in bilayer cuprate superconductors](#)
Author(s): Singh MP, Ajay, Govind, et al.
Source: INDIAN JOURNAL OF PHYSICS AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE-PART A Volume: 77A Issue: 5
Pages: 441-447 Published: SEP 2003
Times Cited: 0
32. Title: [Temperature dependent photoluminescence in self assembled InAs quantum dot arrays](#)
Author(s): Lamba S, Joshi SK
Source: PHYSICA STATUS SOLIDI B-BASIC RESEARCH Volume: 239 Issue: 2 Pages: 353-360
Published: OCT 2003
Times Cited: [1](#)
[Full Text](#)
33. Title: [Tuning of emission colours in strontium aluminate long persisting phosphor](#)
Author(s): Haranath D, Shanker V, Chander H, et al.
Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 36 Issue: 18 Pages: 2244-2248
Published: SEP 21 2003
Times Cited: [8](#)
[Full Text](#)
34. Title: [Effect of spatial variation of incident radiation on spectral response of a large area silicon solar cell and the cell parameters determined from it](#)
Author(s): Singh PK, Kumar R, Vinod PN, et al.
Source: SOLAR ENERGY MATERIALS AND SOLAR CELLS Volume: 80 Issue: 1 Pages: 21-31
Published: OCT 15 2003
Times Cited: [6](#)
[Full Text](#)
35. Title: [Magnetization study of RuSr₂Y_{1.5}Ce_{0.5}Cu₂O₁₀](#)
Author(s): Felner I, Awana VPS, Takayama-Muromachi E
Source: PHYSICAL REVIEW B Volume: 68 Issue: 9 Article Number: 094508 Published: SEP 1 2003
Times Cited: [13](#)
36. Title: [Effect of electron-phonon interaction on the resistivity of metallic nanowires](#)
Author(s): Lal R
Source: PHYSICAL REVIEW B Volume: 68 Issue: 11 Article Number: 115417 Published: SEP 15 2003
Times Cited: [3](#)
37. Title: [Radiation-induced modifications of point defects in quartz crystals and their application in radiation dosimetry](#)
Author(s): Bahadur H
Conference Information: 21st International Conference on Nuclear Tracks in Solids (ICNTS-21), OCT 21-25, 2003 NEW DELHI, INDIA
Source: RADIATION MEASUREMENTS Volume: 36 Issue: 1-6 Special Issue: Sp. Iss. SI
Pages: 493-497 Published: SEP 2003
Times Cited: [3](#)
[Full Text](#)
38. Title: [Photo-polymerized films of lithium ion conducting solid polymer electrolyte for electrochromic windows \(ECWs\)](#)
Author(s): Varshney P, Deepa M, Agnihotry SA, et al.
Source: SOLAR ENERGY MATERIALS AND SOLAR CELLS Volume: 79 Issue: 4 Pages:

449-458 Published: SEP 30 2003

Times Cited: [8](#)

[Full Text](#)

39. Title: [X-ray powder diffraction study of defect-tetrahedral structure quaternary compound CuZnGa₃Te₆](#)
Author(s): Rashmi
Source: POWDER DIFFRACTION Volume: 18 Issue: 3 Pages: 263-265 Published: SEP 2003
Times Cited: 0
[Full Text](#)
40. Title: [Dielectric relaxation near the transition temperature of Sm C*-Sm A phase in electroclinic liquid crystal](#)
Author(s): Thakur AK, Sharma DK, Singh SP, et al.
Source: FERROELECTRICS Volume: 289 Pages: 63-75 Published: 2003
Times Cited: [5](#)
[Full Text](#)
41. Title: [Correlation of residual stress with optical absorption edge in diamond-like carbon films](#)
Author(s): Kumar S, Dixit PN, Panwar OS, et al.
Source: DIAMOND AND RELATED MATERIALS Volume: 12 Issue: 9 Pages: 1576-1583
Published: SEP 2003
Times Cited: [4](#)
[Full Text](#)
42. Title: [Application of mid infrared/near infrared spectroscopy in sugar industry](#)
Author(s): Mehrotra R, Siesler HW
Source: APPLIED SPECTROSCOPY REVIEWS Volume: 38 Issue: 3 Pages: 307-354
Published: 2003
Times Cited: 0
[Full Text](#)
43. Title: [Bright-orange organic light emitting diodes fabricated using benzene-naphthalene copolymer](#)
Author(s): Kumar L, Dhawan SK, Kamalasanan MN, et al.
Source: THIN SOLID FILMS Volume: 441 Issue: 1-2 Pages: 243-247 Published: SEP 22 2003
Times Cited: [11](#)
[Full Text](#)
44. Title: [In situ X-ray diffraction studies of aluminium-induced crystallization of hydrogenated amorphous silicon](#)
Author(s): Kishore R, Hotz C, Naseem HA, et al.
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 36 Pages: 1236-1239
Part: Part 5 Published: OCT 2003
Times Cited: [1](#)
[Full Text](#)
45. Title: [Study of magnetization and pinning mechanisms in MgB₂ thin film superconductors: effect of heavy ion irradiation](#)
Author(s): Gupta A, Narayan H, Astill D, et al.
Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY Volume: 16 Issue: 8 Pages: 951-955
Published: AUG 2003
Times Cited: [9](#)

[Full Text](#)

46. Title: [Conducting polymer based biomolecular electronic devices](#)
Author(s): Malhotra BD, Singhal R
Conference Information: Internatioanl Conference on Liquid Crystals and Other Soft Materials, DEC 18-20, 2002 RAMAM RES INST, BANGALORE, INDIA
Source: PRAMANA-JOURNAL OF PHYSICS Volume: 61 Issue: 2 Pages: 331-343
Published: AUG 2003
Times Cited: [7](#)
47. Title: [Yellow-green organic light emitting diodes based on poly \(p-phenylene vinylene\)/CdS heterojunction thin films](#)
Author(s): Kumar L, Dhawan SK, Kumar M, et al.
Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 8 Pages: 641-645 Published: AUG 2003
Times Cited: [2](#)
48. Title: [A novel \(8 X 4\) superstructure as precursor to the c\(4 X 4\) phase during Sb/Si \(001\) desorption](#)
Author(s): Paliwal VK, Vedeshwar AG, Shivaprasad SM
Source: SURFACE SCIENCE Volume: 540 Issue: 2-3 Pages: L617-L622 Published: AUG 20 2003
Times Cited: [8](#)
- [Full Text](#)
49. Title: [Evolution and dynamics of equatorial plasma bubbles: Relationships to ExB drift, postsunset total electron content enhancements, and equatorial electrojet strength](#)
Author(s): Dabas RS, Singh L, Lakshmi DR, et al.
Source: RADIO SCIENCE Volume: 38 Issue: 4 Article Number: 1075 Published: AUG 13 2003
Times Cited: [8](#)
- [Full Text](#)
50. Title: [Measurement of thermal properties of polyaniline/metal from room temperature to 170 degrees C](#)
Author(s): Joshi GP, Saxena NS, Sharma TP, et al.
Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 90 Issue: 2 Pages: 430-435 Published: OCT 10 2003
Times Cited: [4](#)
- [Full Text](#)
51. Title: [Study of heavy ion modified CR-39 \(diethyleneglycol bisallyl carbonate\)](#)
Author(s): Srivastava A, Singh T, Sharma AL, et al.
Source: RADIATION EFFECTS AND DEFECTS IN SOLIDS Volume: 158 Issue: 8 Pages: 561-566 Published: AUG 2003
Times Cited: [2](#)
- [Full Text](#)
52. Title: [Study of thermally grown and photo-CVD deposited silicon oxide-silicon nitride stack layers](#)
Author(s): Sahu BS, Kapoor A, Srivastava P, et al.
Source: SEMICONDUCTOR SCIENCE AND TECHNOLOGY Volume: 18 Issue: 7 Pages: 670-675 Published: JUL 2003
Times Cited: [4](#)
- [Full Text](#)

53. [Title: Emissions of SO₂ and NO_x from biofuels in India](#)
[Author\(s\): Gadi R, Kulshrestha UC, Sarkar AK, et al.](#)
[Source: TELLUS SERIES B-CHEMICAL AND PHYSICAL METEOROLOGY](#) Volume: 55
[Issue: 3](#) Pages: 787-795 Published: JUL 2003
[Times Cited: 8](#)
[Full Text](#)
54. [Title: Estimation of SO₄ contribution by dry deposition of SO₂ onto the dust particles in India](#)
[Author\(s\): Kulshrestha MJ, Kulshrestha UC, Parashar DC, et al.](#)
[Source: ATMOSPHERIC ENVIRONMENT](#) Volume: 37 Issue: 22 Pages: 3057-3063
[Published: JUL 2003](#)
[Times Cited: 9](#)
[Full Text](#)
55. [Title: A current mirror for low voltage, high performance analog circuits](#)
[Author\(s\): Rajput SS, Jamuar SS](#)
[Source: ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING](#) Volume: 36
[Issue: 3](#) Pages: 221-233 Published: SEP 2003
[Times Cited: 7](#)
[Full Text](#)
56. [Title: Sb induced \(7 X 7\) to \(1 X 1\) surface phase transformation of the Si\(111\) surface](#)
[Author\(s\): Paliwal VK, Vedeshwar AG, Shivaprasad SM](#)
[Source: SOLID STATE COMMUNICATIONS](#) Volume: 127 Issue: 1 Pages: 7-11
[Published: JUN 2003](#)
[Times Cited: 3](#)
[Full Text](#)
57. [Title: Electromechanical and piezoelectric studies of lanthanum modified lead titanate ceramics](#)
[Author\(s\): Tickoo R, Tandon RP, Hans VK, et al.](#)
[Source: MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY](#) Volume: 100 Issue: 1 Pages: 47-52 Published: JUN 15 2003
[Times Cited: 6](#)
[Full Text](#)
58. [Title: Effect of substrate on magneto-transport properties of polycrystalline manganite films](#)
[Author\(s\): Siwach PK, Singh DP, Singh HK, et al.](#)
[Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS](#) Volume: 36 Issue: 12 Pages: 1361-1365 Published: JUN 21 2003
[Times Cited: 4](#)
[Full Text](#)
59. [Title: Normal state Fermi surface of cuprates: effects of bilayer interactions](#)
[Author\(s\): Pratap A, Govind](#)
[Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS](#) Volume: 391
[Issue: 1](#) Pages: 61-66 Published: AUG 1 2003
[Times Cited: 0](#)
[Full Text](#)
60. [Title: Characterization of a pneumatic differential pressure transfer standard](#)
[Author\(s\): Dilawar N, Varandani D, Bandyopadhyay AK, et al.](#)
[Source: METROLOGIA](#) Volume: 40 Issue: 2 Pages: 74-83 Published: 2003
[Times Cited: 0](#)
[Full Text](#)

61. Title: Evening enhancements in F-region electron temperature at subtropical latitudes during June solstice in the Indian SROSS C2 RPA data
Author(s): Niranjana K, Sridhar HS, Rao PVSR, et al.
Source: JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS Volume: 65 Issue: 7 Pages: 813-819 Published: MAY 2003
Times Cited: 3
[Full Text](#)
62. Title: Bandgap determination of chemically doped polyaniline materials from reflectance measurements
Author(s): Joshi GP, Saxena NS, Sharma TP, et al.
Conference Information: Symposium on Thermophysical Properties, SEP 19-21, 2002 RAJASTHAN, JAPAN
Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 6 Pages: 462-465 Published: JUN 2003
Times Cited: 3
63. Title: Electron paramagnetic resonance, optical transmission spectra and DC conductivity studies of vanadyl-doped alkali halide-borate glasses
Author(s): Khansa S, Seth VP, Gahlot PS, et al.
Source: PHYSICA B-CONDENSED MATTER Volume: 334 Issue: 3-4 Pages: 347-358 Published: JUL 1 2003
Times Cited: 1
[Full Text](#)
64. Title: Polymer optical waveguide based on integrated optics
Author(s): Sharma SK, Misra SCK, Tripathi KN
Source: OPTIK Volume: 114 Issue: 3 Pages: 106-108 Published: 2003
Times Cited: 1
[Full Text](#)
65. Title: Atomic force microscopy and x-ray diffraction studies of aluminum-induced crystallization of amorphous silicon in Al/alpha-SiM, alpha-Si : H/Al, and Al/alpha-Si : H/Al thin film structures
Author(s): Kishore R, Shaik A, Naseem HA, et al.
Source: JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B Volume: 21 Issue: 3 Pages: 1037-1047 Published: MAY-JUN 2003
Times Cited: 11
[Full Text](#)
66. Title: Dielectric and piezoelectric properties of neodymium oxide doped lead zirconate titanate ceramics
Author(s): Singh J, Soni NC, Srivastava SL
Source: BULLETIN OF MATERIALS SCIENCE Volume: 26 Issue: 4 Pages: 397-399 Published: JUN 2003
Times Cited: 7
[Full Text](#)
67. Title: Current instabilities in dynamic random access memory storage capacitor formed with electron beam deposited Y2O3 dielectric
Author(s): Rastogi AC, Sharma RN
Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 77 Issue: 1 Pages: 93-101 Published: JUN 2003
Times Cited: 1

[Full Text](#)

68. [Title: Magneto- superconductivity of 100-atm O-2-annealed RuSr₂Gd_{1.5}Ce_{0.5}Cu₂O₁₀-delta](#)
[Author\(s\): Awana VPS, Takayama-Muromachi E, Karppinen M, et al.](#)
[Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS](#) Volume: 390
[Issue: 3](#) Pages: 233-238 Published: JUL 1 2003
[Times Cited: 8](#)

[Full Text](#)

69. [Title: Behaviour of glassy carbon under high pressure and temperature in the presence of invar alloy catalyst](#)
[Author\(s\): Singh BP, Singhal SK, Chopra R, et al.](#)
[Source: JOURNAL OF CRYSTAL GROWTH](#) Volume: 254 Issue: 3-4 Pages: 342-347
[Published: JUL 2003](#)
[Times Cited: 0](#)

[Full Text](#)

70. [Title: Results of foF₂ and Ne-h profiles at low latitude using recent digital ionosonde observations and their comparison with IRI-2000](#)
[Author\(s\): Sethi NK, Dabas RS, Singh L, et al.](#)
[Source: JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS](#) Volume: 65 Issue: 6 Pages: 749-755 Published: APR 2003
[Times Cited: 4](#)

[Full Text](#)

71. [Title: Comparison CCEM-K8 of DC voltage ratio: Results](#)
[Author\(s\): Marullo-Reedtz G, Cerri R, Blanc I, et al.](#)
[Conference Information: Conference on Precision Electromagnetic Measurements \(CPEM 2002\), JUN 16-21, 2002 OTTAWA, CANADA](#)
[Source: IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT](#)
Volume: 52 Issue: 2 Pages: 419-423 Published: APR 2003
[Times Cited: 5](#)

[Full Text](#)

72. [Title: An improved multigain range linear current electrometer](#)
[Author\(s\): Rajput SS](#)
[Source: REVIEW OF SCIENTIFIC INSTRUMENTS](#) Volume: 74 Issue: 6 Pages: 3120-3126 Published: JUN 2003
[Times Cited: 1](#)

[Full Text](#)

73. [Title: Synthesis of RuSr₂\(Ln_{\(3/4\)}Ce_{\(1/4\)}\)_{\(2\)}Cu₂O₁₀ magneto-superconducting compounds with Ln = Ho, Y and Dy by high-pressure high-temperature technique](#)
[Author\(s\): Awana VPS, Takayama-Muromachi E](#)
[Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS](#) Volume: 390 Issue: 2 Pages: 101-106 Published: JUN 15 2003
[Times Cited: 11](#)

[Full Text](#)

74. [Title: Biosensors for clinical diagnostics industry](#)
[Author\(s\): Malhotra BD, Chaubey A](#)
[Conference Information: 9th International Meeting on Chemical Sensors, JUL 07-10, 2002 BOSTON, MASSACHUSETTS](#)
[Source: SENSORS AND ACTUATORS B-CHEMICAL](#) Volume: 91 Issue: 1-3 Pages: 117-127 Published: JUN 1 2003

Times Cited: 37

[Full Text](#)

75. Title: Styrene acrylonitrile (SAN) based polymeric waveguides
Author(s): Qureshi GJ, Padha N, Gupta VK, et al.
Source: OPTICS AND LASER TECHNOLOGY Volume: 35 Issue: 5 Pages: 401-407
Published: JUL 2003
Times Cited: 4
[Full Text](#)
76. Title: Thermoluminescence of Tb doped Gd₂O₂S phosphor
Author(s): Chatterjee S, Shanker V, Chander H
Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 80 Issue: 3 Pages: 719-724
Published: JUN 26 2003
Times Cited: 3
[Full Text](#)
77. Title: Terrestrial mobile communication train measurements in western India
Author(s): Prasad MVSN, Singh R
Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY Volume: 52 Issue: 3
Pages: 671-682 Published: MAY 2003
Times Cited: 3
[Full Text](#)
78. Title: Effect of carbon fiber surface functional groups on the mechanical properties of carbon-carbon composites with HTT
Author(s): Dhakate SR, Bahl OP
Source: CARBON Volume: 41 Issue: 6 Pages: 1193-1203 Published: 2003
Times Cited: 18
[Full Text](#)
79. Title: Cation intermixing and ordering phenomenon in M-O layer of MSr₂YCu₂O_z (M-1212) compounds with M=Fe, Co, Al, and Ga: A neutron powder diffraction study
Author(s): Awana VPS, Takayama-Muromachi E, Malik SK, et al.
Source: JOURNAL OF APPLIED PHYSICS Volume: 93 Issue: 10 Pages: 8221-8223 Part: Part 3 Published: MAY 15 2003
Times Cited: 4
[Full Text](#)
80. Title: India's collaboration with People's Republic of China in Science and Technology: A scientometric analysis of coauthored papers during 1994-1999
Author(s): Gupta BM, Dhawan SM
Source: SCIENTOMETRICS Volume: 57 Issue: 1 Pages: 59-74 Published: 2003
Times Cited: 2
[Full Text](#)
81. Title: Formation of hydroxyapatite in water, Hank's solution, and serum at physiological temperature
Author(s): Yadav KL, Brown PW
Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A Volume: 65A
Issue: 2 Pages: 158-163 Published: MAY 1 2003
Times Cited: 5
[Full Text](#)
82. Title: High rate deposition of diamond like carbon films by very high frequency plasma enhanced chemical vapor deposition at 100 MHz

Author(s): Kumar S, Dixit PN, Sarangi D, et al.
Source: JOURNAL OF APPLIED PHYSICS Volume: 93 Issue: 10 Pages: 6361-6369 Part: Part 1 Published: MAY 15 2003
Times Cited: 4

[Full Text](#)

83. Title: Dependence of F2-peak height on solar activity: A study with incoherent scatter measurements
Author(s): Pandey VK, Sethi NK, Mahajan KK
Conference Information: Workshop on Description of the Low Latitude and Equatorial Ionosphere in International Reference Ionosphere, JUN 25-29, 2001 INST NACL PESQUISAS ESPACIAIS, S JOSE CAMPOS, BRAZIL
Source: DESCRIPTION OF THE LOW LATITUDE AND EQUATORIAL IONOSPHERE IN THE INTERNATIONAL REFERENCE IONOSPHERE Book Series: ADVANCES IN SPACE RESEARCH Volume: 31 Issue: 3 Pages: 543-548 Published: 2003
Times Cited: 6

[Full Text](#)

84. Title: Photoconducting a-Si : H films grown at high deposition rates by pulsing a VHF 100 MHz discharge
Author(s): Mukherjee C, Anandan C, Seth T, et al.
Source: THIN SOLID FILMS Volume: 423 Issue: 1 Pages: 18-26 Published: JAN 1 2003
Times Cited: 0

[Full Text](#)

85. Title: Microwave plasma oxidation of gallium nitride
Author(s): Pal S, Mahapatra R, Ray SK, et al.
Source: THIN SOLID FILMS Volume: 425 Issue: 1-2 Pages: 20-23 Published: FEB 3 2003
Times Cited: 9

[Full Text](#)

86. Title: Polycyanurate thin film optical waveguide for integrated optics applications
Author(s): Sharma SK, Misra SCK, Tripathi KN
Source: JOURNAL OF NONLINEAR OPTICAL PHYSICS & MATERIALS Volume: 12 Issue: 1 Pages: 1-5 Published: MAR 2003
Times Cited: 4

[Full Text](#)

87. Title: Nonlinear optical devices: Properties of polyaniline based conducting polymers
Author(s): Sharma SK, Misra SCK, Tripathi KN
Source: JOURNAL OF NONLINEAR OPTICAL PHYSICS & MATERIALS Volume: 12 Issue: 1 Pages: 39-43 Published: MAR 2003
Times Cited: 5

[Full Text](#)

88. Title: Analysis of a flip-chip bonded tunable high-temperature superconducting coplanar waveguide resonator using the conformal mapping technique
Author(s): Misra M, Kataria ND, Murakami H, et al.
Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY Volume: 16 Issue: 4 Pages: 492-497 Published: APR 2003
Times Cited: 2

[Full Text](#)

89. Title: A primary dead-weight tester for pressures (0.05-1.0) MPa

Author(s): Jain K, Bowers W, Schmidt JW

Source: JOURNAL OF RESEARCH OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY Volume: 108 Issue: 2 Pages: 135-145 Published: MAR-APR 2003
Times Cited: 1

90. Title: Preparation, characterization and dielectric studies of $K_{1-x}Na_xNbO_3$

Author(s): Uniyal M, Singh K, Bhatt S, et al.

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 4 Pages: 305-309 Published: APR 2003

Times Cited: 8

91. Title: Simple device, technique-cum-software for measurement of refractive index of liquid-medium using "00" grade slip-gauge concept

Author(s): Karfa M, Kumar M, Kumar V, et al.

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 4 Pages: 310-313 Published: APR 2003

Times Cited: 0

92. Title: Estimation of minimum separation of geostationary satellites for Satellite-Based Augmentation System (SBAS) from equatorial ionospheric scintillation observations

Author(s): Ray S, DasGupta A, Paul A, et al.

Source: JOURNAL OF NAVIGATION Volume: 56 Issue: 1 Pages: 137-142 Published: JAN 2003

Times Cited: 1

[Full Text](#)

93. Title: Special issue - India-Japan Workshop on New Advanced Materials in Molecular Electronics - New Delhi, India, 10-11 December 2001 - Preface

Author(s): Malhotra BD, Kaneto K

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 93-93 Published: APR 2003

Times Cited: 0

[Full Text](#)

94. Title: Stabilization of porous silicon surface by low temperature photoassisted reaction with acetylene

Author(s): Lakshmikumar ST, Singh PK

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 185-189 Published: APR 2003

Times Cited: 3

[Full Text](#)

95. Title: BOD analysis of industrial effluents: 5 days to 5 min

Author(s): Rastogi S, Rathee P, Saxena TK, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 191-194 Published: APR 2003

Times Cited: 5

[Full Text](#)

96. Title: Electrochemically deposited bismuth telluride thin films

Author(s): Golia S, Arora M, Sharma RK, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 195-197 Published: APR 2003

Times Cited: 14

[Full Text](#)

97. Title: Growth of CdS and CdTe thin films for the fabrication of n-CdS/p-CdTe solar cell

Author(s): Sharma RK, Jain K, Rastogi AC

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 199-204 Published: APR 2003

Times Cited: 9

[Full Text](#)

98. Title: Precursor synthesis and microwave processing of nickel ferrite nanoparticles

Author(s): Sankaranarayanan VK, Sreekumar C

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 205-208 Published: APR 2003

Times Cited: 17

[Full Text](#)

99. Title: Mechanism of dc conduction in polyaniline doped with sulfuric acid

Author(s): Luthra V, Singh R, Gupta SK, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 219-222 Published: APR 2003

Times Cited: 27

[Full Text](#)

100. Title: Mechanism of dc conduction in ferric chloride doped, poly(3-methyl thiophene)

Author(s): Singh R, Kaur A, Yadav KL, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 235-238 Published: APR 2003

Times Cited: 16

[Full Text](#)

101. Title: Characterization of electrochemically synthesized poly(2-fluoroaniline) film and its application to glucose biosensor

Author(s): Sharma AL, Annapoorni S, Malhotra BD

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 239-245 Published: APR 2003

Times Cited: 16

[Full Text](#)

102. Title: Synthesis and study of conductivity behaviour of blended conducting polymer films

irradiated with swift heavy ions of silicon

Author(s): Sonar P, Sharma AL, Chandra A, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 247-250 Published: APR 2003

Times Cited: 5

[Full Text](#)

103. Title: Electrochemical deposition and characterization of cadmium indium telluride thin films for photovoltaic application

Author(s): Jain K, Sharma RK, Kohli S, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 251-256 Published: APR 2003

Times Cited: 4

[Full Text](#)

104. Title: Optical properties of CdS nanoclusters: effects of size, stoichiometry and alloying with Ag₂S

Author(s): Sharma RK, Sharma SN, Rastogi AC

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 257-262 Published: APR 2003

Times Cited: 5

[Full Text](#)

105. Title: Role of cadmium-related defects on the structural and electrical properties of nanocrystalline CdTe : TiO₂ sputtered films

Author(s): Sharma SN, Kohli S, Rastogi AC

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 263-267 Published: APR 2003

Times Cited: 1

[Full Text](#)

106. Title: Effect of the oxidation process on the luminescence of HF-treated porous silicon

Author(s): Sharma SN, Banerjee R, Barua AK

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 269-274 Published: APR 2003

Times Cited: 2

[Full Text](#)

107. Title: Immobilization of glucose oxidase onto Langmuir-Blodgett films of poly-3-hexylthiophene

Author(s): Singhal R, Chaubey A, Sriksirin T, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 275-279 Published: APR 2003

Times Cited: 10

[Full Text](#)

108. Title: Prospects of conducting polymers in molecular electronics

Author(s): Saxena V, Malhotra BD

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 293-305 Published: APR 2003

Times Cited: 79

[Full Text](#)

109. Title: An experimental set-up for the study of electromechanical properties of conducting polymer films

Author(s): Batra R, Sharma AL, Pandey MK, et al.

Conference Information: India/Japan Workshop on New Advanced Materials in Molecular Electronics, DEC 10-11, 2001 NEW DELHI, INDIA

Source: CURRENT APPLIED PHYSICS Volume: 3 Issue: 2-3 Pages: 317-320 Published: APR 2003

Times Cited: 2

[Full Text](#)

110. Title: Pressure drop during measurements in a liquid displacement gas flowmeter of improved design

Author(s): Sharma DR

Source: VACUUM Volume: 70 Issue: 4 Pages: 563-573 Published: APR 4 2003

Times Cited: 0

[Full Text](#)

111. Title: High-pressure phase transition in (Fe_{0.03}Cr_{0.97}Sb₂)-Fe-57: a Mossbauer and resistivity study up to 8 GPa

Author(s): Chandra U, Sharma YK, Gupta A, et al.

Source: PHILOSOPHICAL MAGAZINE LETTERS Volume: 83 Issue: 4 Pages: 273-279 Published: 2003

Times Cited: 1

[Full Text](#)

112. Title: A double-primary dead-weight tester for pressures (35-175) kPa in gage mode

Author(s): Jain K, Cen YQ, Bowers WJ, et al.

Source: JOURNAL OF RESEARCH OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY Volume: 108 Issue: 1 Pages: 11-20 Published: JAN-FEB 2003

Times Cited: 1

113. Title: Effect of process conditions on microstructural development during thermal evaporation of AlSb thin films

Author(s): Lal K, Srivastava AK, Singh S, et al.

Source: JOURNAL OF MATERIALS SCIENCE LETTERS Volume: 22 Issue: 7 Pages: 515-518 Published: APR 1 2003

Times Cited: 3

114. Title: Field-emission in diamond-like carbon films grown by various techniques

Author(s): Panwar OS, Kumar S, Rajput SS, et al.

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 41 Issue: 3 Pages:

175-182 Published: MAR 2003

Times Cited: 1

115. Title: High pressure phase transition and elastic properties of cerium chalcogenides and pnictides

Author(s): Srivastava V, Bandyopadhyay AK, Jha PK, et al.

Source: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS Volume: 64 Issue: 6

Pages: 907-912 Published: JUN 2003

Times Cited: 12

[Full Text](#)

116. Title: Variability of mixed-layer heights over the Indian Ocean and central Arabian Sea during INDOEX, IFP-99

Author(s): Subrahmanyam DB, Ramachandran R, Sen Gupta K, et al.

Source: BOUNDARY-LAYER METEOROLOGY Volume: 107 Issue: 3 Pages: 683-695

Published: JUN 2003

Times Cited: 7

[Full Text](#)

117. Title: VLF electromagnetic noise bursts observed in a borehole and their relation with low-latitude hiss

Author(s): Singh B, Hayakawa M, Mishra PK, et al.

Source: JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS Volume:

65 Issue: 3 Pages: 269-276 Published: FEB 2003

Times Cited: 2

[Full Text](#)

118. Title: Diurnal, seasonal and latitudinal variation of electron density in the topside F-region of the Indian zone ionosphere at solar minimum and comparison with the IRI

Author(s): Bhuyan PK, Chamua M, Bhuyan K, et al.

Source: JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS Volume:

65 Issue: 3 Pages: 359-368 Published: FEB 2003

Times Cited: 4

[Full Text](#)

119. Title: Characterization of ZnS : Cu, Br electroluminescent phosphor prepared by new route

Author(s): Chander H, Shanker V, Haranath D, et al.

Source: MATERIALS RESEARCH BULLETIN Volume: 38 Issue: 2 Pages: 279-288

Published: JAN 25 2003

Times Cited: 12

[Full Text](#)

120. Title: On the synthesis and characterization of a new manganite type CMR material:

La_{0.7}Hg_{0.3}MnO₃

Author(s): Siwach PK, Singh HK, Khare N, et al.

Source: JOURNAL OF ALLOYS AND COMPOUNDS Volume: 350 Issue: 1-2 Pages:

56-61 Published: FEB 17 2003

Times Cited: 3

[Full Text](#)

121. Title: STM/STS studies of Bi-O layers of Pb doped Bi-2223 superconductors irradiated by 100 MeV oxygen ion (vol 123, pg 117, 2002)

Author(s): Banerjee T, Samanta SB, Gupta A, et al.

Source: SOLID STATE COMMUNICATIONS Volume: 125 Issue: 5 Pages: 293-293

Published: FEB 2003

Times Cited: 0

[Full Text](#)

122. Title: The quark-gluon-pion plasma

Author(s): Soni V, Modgil MS, Sahdev D

Source: PHYSICS LETTERS B Volume: 552 Issue: 3-4 Pages: 165-171 Published: JAN 23 2003

Times Cited: 2

[Full Text](#)

123. Title: Role of the water vapour greenhouse effect in the forecasting of fog occurrence

Author(s): Pasricha PK, Gera BS, Shastri S, et al.

Source: BOUNDARY-LAYER METEOROLOGY Volume: 107 Issue: 2 Pages: 469-482 Published: MAY 2003

Times Cited: 5

[Full Text](#)

124. Title: Estimation of uncertainty in impedance measurement at narrow and broadband microwave frequencies

Author(s): Swarup R, Negi PS, Mendiratta RL

Source: MEASUREMENT Volume: 33 Issue: 1 Pages: 55-66 Published: JAN 2003

Times Cited: 1

[Full Text](#)

125. Title: Development, characterisation and applications of ultrasonic transducers for NDT

Author(s): Kumar A

Source: INSIGHT Volume: 45 Issue: 1 Pages: 70-72 Published: JAN 2003

Times Cited: 0

[Full Text](#)

126. Title: Electrical conduction in vacuum deposited polyvinyl fluoride (PVF) films

Author(s): Chand S, Sharma GD, Dwivedi S, et al.

Source: JOURNAL OF MATERIALS SCIENCE Volume: 38 Issue: 3 Pages: 485-488 Published: FEB 1 2003

Times Cited: 1

127. Title: "Nanoparticle route" for the synthesis of a stable and stoichiometric Cu₂C₂ phase - a semiconductor material

Author(s): Balamurugan B, Mehta BR, Shivaprasad SM

Source: APPLIED PHYSICS LETTERS Volume: 82 Issue: 1 Pages: 115-117 Published: JAN 6 2003

Times Cited: 7

[Full Text](#)

128. Title: Studies on the decay characteristics of strontium aluminate phosphor on thermal treatment

Author(s): Haranath D, Shanker V, Chander H, et al.

Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 78 Issue: 1 Pages: 6-10 Published: FEB 3 2003

Times Cited: 3

[Full Text](#)