

PAPERS PUBLISHED BY NPL RESEARCHERS IN SCI JOURNALS IN 2002

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

1. Title: [High-T-c superconductor electronics](#)
Author(s): Khare N
Source: NATIONAL ACADEMY SCIENCE LETTERS-INDIA Volume: 25 Issue: 9-10
Pages: 239-257 Published: 2002
Times Cited: 0
2. Title: [Intercomparison of national hydraulic pressure standards up to 500 MPa](#)
Author(s): Yadav S, Bandyopadhyay AK, Dilawar N, et al.
Source: MEASUREMENT & CONTROL Volume: 35 Issue: 2 Pages: 47-51 Published:
MAR 2002
Times Cited: [2](#)
3. Title: [HF radio signal fading and atmospheric radio noise measurements at low latitudes](#)
Author(s): Rao SVB, Rao TR, Reddy VG, et al.
Source: RADIO SCIENCE Volume: 37 Issue: 5 Article Number: 1083 Published: SEP-OCT
2002
Times Cited: [1](#)
[Full Text](#)
4. Title: [First in situ observations of equatorial ionospheric bubbles by Indian satellite SROSS-C2 and simultaneous multisatellite scintillations](#)
Author(s): Paul A, Ray S, DasGupta A, et al.
Source: RADIO SCIENCE Volume: 37 Issue: 5 Article Number: 1087 Published: SEP-OCT
2002
Times Cited: [4](#)
[Full Text](#)
5. Title: [Effect of Cr and Fe doping on the transport and magnetic properties of the low-bandwidth bilayered manganite \$\text{Sm}_{1.4}\text{Sr}_{1.6}\text{Mn}_2\text{O}_7\$](#)
Author(s): Biswas S, Chatterjee S, Chatterjee P, et al.
Source: PHYSICAL REVIEW B Volume: 66 Issue: 21 Article Number: 214403 Published:
DEC 1 2002
Times Cited: [4](#)
6. Title: [Residual thermal desorption study of the room-temperature-formed Sb/Si\(111\) interface](#)
Author(s): Paliwal VK, Vedeshwar AG, Shivaprasad SM
Source: PHYSICAL REVIEW B Volume: 66 Issue: 24 Article Number: 245404 Published:
DEC 15 2002
Times Cited: [16](#)
7. Title: [Observable signatures of a convectively generated wave field over the tropics using Indian MST radar at Gadanki \(13.5 degrees N, 79.2 degrees E\)](#)
Author(s): Dhaka SK, Choudhary RK, Malik S, et al.
Source: GEOPHYSICAL RESEARCH LETTERS Volume: 29 Issue: 18 Article Number:
1872 Published: SEP 15 2002
Times Cited: [16](#)
[Full Text](#)
8. Title: [Conductivity and viscosity of liquid and gel electrolytes based on \$\text{LiClO}_4\$, \$\text{LiN}\(\text{CF}_3\text{SO}_2\)\$](#)

[\(2\) and PMMA](#)

Author(s): Deepa M, Sharma N, Agnihotry SA, et al.

Conference Information: International Conference on Solid State Ionics, JUL 08-13, 2001 CAIRNS, AUSTRALIA

Source: SOLID STATE IONICS Volume: 152 Special Issue: Part A Sp. Iss. SI Pages: 253-258 Part: Part A Sp. Iss. SI Published: DEC 2002

Times Cited: [15](#)

[Full Text](#)

9. Title: [Impedance studies of Li inserted sol-gel-derived WO₃ films](#)

Author(s): Sharma N, Deepa M, Agnihotry SA

Conference Information: International Conference on Solid State Ionics, JUL 08-13, 2001 CAIRNS, AUSTRALIA

Source: SOLID STATE IONICS Volume: 152 Special Issue: Part A Sp. Iss. SI Pages: 873-875 Part: Part A Sp. Iss. SI Published: DEC 2002

Times Cited: [2](#)

[Full Text](#)

10. Title: [Transmission enhancement in tin oxide conductive coatings for ECWs](#)

Author(s): Varshney P, Deepa M, Sharma N, et al.

Conference Information: International Conference on Solid State Ionics, JUL 08-13, 2001 CAIRNS, AUSTRALIA

Source: SOLID STATE IONICS Volume: 152 Special Issue: Part A Sp. Iss. SI Pages: 877-881 Part: Part A Sp. Iss. SI Published: DEC 2002

Times Cited: [3](#)

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11. Title: [Homeotropic and planar orientation of liquid crystals on a photopolymer coated surface irradiated with UV-light](#)

Author(s): Jan SC, Tanwar VK, Dixit V

Source: JAPANESE JOURNAL OF APPLIED PHYSICS PART 2-LETTERS Volume: 41 Issue: 10A Pages: L1106-L1108 Published: OCT 1 2002

Times Cited: 0

[Full Text](#)

12. Title: [Study of effect of thermal annealing on crystalline perfection of bismuth germanate single crystals grown by low thermal gradient Czochralski method](#)

Author(s): Choubey A, Bhagavannarayana G, Shubin YV, et al.

Source: ZEITSCHRIFT FUR KRISTALLOGRAPHIE Volume: 217 Issue: 10 Pages: 515-521 Published: 2002

Times Cited: [14](#)

[Full Text](#)

13. Title: [Lithium ferrite nanoparticles for ferrofluid applications](#)

Author(s): Sankaranarayanan VK, Prakash O, Pant RP, et al.

Conference Information: 9th International Conference on Magnetic Fluids, JUL 23-27, 2001 BREMEN, GERMANY

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 252 Issue: 1-3 Pages: 7-9 Published: NOV 2002

Times Cited: [12](#)

[Full Text](#)

14. Title: [Investigations on ferrofluid-conducting polymer composite and its application](#)

Author(s): Pant RP, Dhawan SK, Kataria ND, et al.

Conference Information: 9th International Conference on Magnetic Fluids, JUL 23-27, 2001
BREMEN, GERMANY

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 252 Issue:
1-3 Pages: 16-19 Published: NOV 2002

Times Cited: [9](#)

[Full Text](#)

15. Title: [Preparation and characterization of magnetic polymeric thin films](#)

Author(s): Misra SCK, Pant RP, Pandey JL, et al.

Conference Information: 9th International Conference on Magnetic Fluids, JUL 23-27, 2001
BREMEN, GERMANY

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 252 Issue:
1-3 Pages: 20-22 Published: NOV 2002

Times Cited: [11](#)

[Full Text](#)

16. Title: [Anomalous enhancement in the optical scattered radiation in magnetite base ferrofluid](#)

Author(s): Pant RP, Kandpal HC, Suri DK

Conference Information: 9th International Conference on Magnetic Fluids, JUL 23-27, 2001
BREMEN, GERMANY

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 252 Issue:
1-3 Pages: 107-110 Published: NOV 2002

Times Cited: [1](#)

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17. Title: [Scientific basis for establishing country greenhouse gas estimates for rice-based agriculture: An Indian case study](#)

Author(s): Gupta PK, Sharma C, Bhattacharya S, et al.

Source: NUTRIENT CYCLING IN AGROECOSYSTEMS Volume: 64 Issue: 1-2 Pages:
19-31 Published: OCT 2002

Times Cited: [4](#)

[Full Text](#)

18. Title: [Refinement in methodologies for methane budget estimation from rice paddies](#)

Author(s): Mitra AP, Gupta PK, Sharma C

Source: NUTRIENT CYCLING IN AGROECOSYSTEMS Volume: 64 Issue: 1-2 Pages:
147-155 Published: OCT 2002

Times Cited: [4](#)

[Full Text](#)

19. Title: [Mechanism of superconductivity in \$Yb_{1-x}Ca_x\(Ba_{0.8}Sr_{0.2}\)_2Cu_3O_{6+\delta}\$](#)

Author(s): Anvekar TS, Priolkar KR, Sarode PR, et al.

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 11
Pages: 780-785 Published: NOV 2002

Times Cited: 0

20. Title: [Exploring the site occupancy effects of equal low concentrations of Zn and Fe dopants on order parameter fluctuations in Y123 bulk samples: A preliminary investigation](#)

Author(s): Upreti UC, Narlikar AV

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 11
Pages: 795-800 Published: NOV 2002

Times Cited: 0

21. Title: [Instrumentation for a retarding potential analyzer for measurement of electron parameters](#)

Author(s): Rajput SS, Garg SC

Source: INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES Volume: 9
Issue: 5 Pages: 315-322 Published: OCT 2002

Times Cited: 0

22. Title: [Porous alumina template based nanodevices](#)

Author(s): Jain K, Lakshmikummar ST

Source: IETE TECHNICAL REVIEW Volume: 19 Issue: 5 Pages: 293-306 Published:
SEP-OCT 2002

Times Cited: [12](#)

23. Title: [Covalent immobilization of urease on polypyrrole microspheres for application as a urea biosensor](#)

Author(s): Gambhir A, Kumar A, Malhotra BD, et al.

Source: E-POLYMERS Article Number: 052 Published: NOV 22 2002

Times Cited: 0

24. Title: [Chapter two: methodologies for characterisation of combustion sources and for quantification of their emissions](#)

Author(s): Mitra A, Morawska L, Sharma C, et al.

Conference Information: 14th Meeting of hte Scientific Group on the Methodologies of Safety Evaluation of Chemicals (SGOMSEC), NOV 07-12, 1999 HONOLULU, HAWAII

Source: CHEMOSPHERE Volume: 49 Issue: 9 Pages: 903-922 Published: DEC 2002

Times Cited: [7](#)

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25. Title: [Indian aerosols: present status](#)

Author(s): Mitra AP, Sharma C

Conference Information: 14th Meeting of hte Scientific Group on the Methodologies of Safety Evaluation of Chemicals (SGOMSEC), NOV 07-12, 1999 HONOLULU, HAWAII

Source: CHEMOSPHERE Volume: 49 Issue: 9 Pages: 1175-1190 Published: DEC 2002

Times Cited: [18](#)

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26. Title: [Surface-mediated structural transformation in CdTe nanoparticles dispersed in SiO₂ thin films](#)

Author(s): Dayal PB, Mehta BR, Aparna Y, et al.

Source: APPLIED PHYSICS LETTERS Volume: 81 Issue: 22 Pages: 4254-4256
Published: NOV 25 2002

Times Cited: [9](#)

[Full Text](#)

27. Title: [Phenomenological model for the anomalous peaks in the microwave surface resistance of high temperature superconductors](#)

Author(s): Daya KS, Kataria ND, Das VG, et al.

Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS Volume: 377
Issue: 4 Pages: 494-500 Published: SEP 15 2002

Times Cited: 0

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28. Title: [A detailed investigation of surface modification in metallic glasses subjected to 130 MeV Si-28 ion irradiation](#)

Author(s): Narayan H, Samanta SB, Agrawal HM, et al.

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS Volume: 196 Issue: 1-2
Pages: 89-99 Published: NOV 2002

Times Cited: [5](#)

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29. Title: [Eigenvalue equation of squeezed coherent states and time evolution of squeezed states](#)
Author(s): Saxena GM
Source: JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL Volume: 35 Issue: 42 Pages: 8953-8960 Published: OCT 25 2002
Times Cited: 0
[Full Text](#)
30. Title: [Carbon/Kevlar/PEEK thermoplastic composites](#)
Author(s): Gupta V, Mathur RB, Dhama TL, et al.
Source: HIGH PERFORMANCE POLYMERS Volume: 14 Issue: 3 Pages: 285-292
Published: SEP 2002
Times Cited: 0
31. Title: [Optimization of conducting polymer thin film optical and electrical waveguides](#)
Author(s): Sharma SK, Misra SCK
Source: OPTIK Volume: 113 Issue: 8 Pages: 351-353 Published: 2002
Times Cited: [2](#)
[Full Text](#)
32. Title: [Formation of interfacial phases in the epitaxial growth of Sb on Si\(111\)-7 x 7 reconstructed surface](#)
Author(s): Paliwal VK, Vedeshwar AG, Shivaprasad SM
Conference Information: Workshop on Nanostructured Materials, FEB 13-16, 2002 BANGALORE, INDIA
Source: PURE AND APPLIED CHEMISTRY Volume: 74 Issue: 9 Pages: 1651-1661
Published: SEP 2002
Times Cited: 0
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33. Title: [Substrate temperature dependence of electrical conduction in nanocrystalline CdTe : TiO₂ sputtered films](#)
Author(s): Sharma SN, Shivaprasad SM, Kohli S, et al.
Conference Information: Workshop on Nanostructured Materials, FEB 13-16, 2002 BANGALORE, INDIA
Source: PURE AND APPLIED CHEMISTRY Volume: 74 Issue: 9 Pages: 1739-1749
Published: SEP 2002
Times Cited: [3](#)
[Full Text](#)
34. Title: [Influence of polycarbonate addition on the development of pitch based carbon fibers](#)
Author(s): Bhatia G, Aggarwal RK, Raman V, et al.
Source: JOURNAL OF MATERIALS SCIENCE LETTERS Volume: 21 Issue: 21 Pages: 1641-1643 Published: NOV 1 2002
Times Cited: [2](#)
35. Title: [Relationship between discontinuities, magnetic holes, magnetic decreases, and nonlinear Alfvén waves: Ulysses observations over the solar poles](#)
Author(s): Tsurutani BT, Galvan C, Arballo JK, et al.
Source: GEOPHYSICAL RESEARCH LETTERS Volume: 29 Issue: 11 Article Number: 1528 Published: JUN 1 2002
Times Cited: [13](#)
[Full Text](#)

36. Title: [The Indian Ocean Experiment and the Asian Brown Cloud](#)
Author(s): Ramanathan V, Crutzen PJ, Mitra AP, et al.
Source: CURRENT SCIENCE Volume: 83 Issue: 8 Pages: 947-955 Published: OCT 25 2002
Times Cited: [17](#)
[Full Text](#)
37. Title: [Quenching and recovery of photoluminescence intensity of silicon nanoparticles embedded in optically transparent polymers](#)
Author(s): Singh PK, Lakshmikummar ST
Source: SEMICONDUCTOR SCIENCE AND TECHNOLOGY Volume: 17 Issue: 10
Pages: 1123-1127 Published: OCT 2002
Times Cited: [9](#)
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38. Title: [Experimental study of the phenomenon of 1 X N spectral switch due to diffraction of partially coherent light](#)
Author(s): Anand S, Yadav BK, Kandpal HC
Source: JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION Volume: 19 Issue: 11 Pages: 2223-2228 Published: NOV 2002
Times Cited: [24](#)
[Full Text](#)
39. Title: [Langmuir-Blodgett films of poly\(3-dodecyl thiophene\) for application to glucose biosensor](#)
Author(s): Singhal R, Takashima W, Kaneto K, et al.
Source: SENSORS AND ACTUATORS B-CHEMICAL Volume: 86 Issue: 1 Pages: 42-48
Published: AUG 30 2002
Times Cited: [27](#)
[Full Text](#)
40. Title: [Analysis of diffuse reflectance theories in the MIR region](#)
Author(s): Nagarajan R, Gupta D, Varma SP
Source: INFRARED PHYSICS & TECHNOLOGY Volume: 43 Issue: 6 Pages: 377-382
Published: DEC 2002
Times Cited: [4](#)
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41. Title: [Reconstruction of optical source-profile from spectral measurements in Young's interference experiment](#)
Author(s): Anand S, Kandpal HC
Source: OPTICS AND LASERS IN ENGINEERING Volume: 38 Issue: 6 Pages: 321-332
Published: DEC 2002
Times Cited: 0
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42. Title: [Low voltage, low power, high performance type II current conveyor-based linear current electrometers](#)
Author(s): Rajput SS, Jamuar SS
Source: REVIEW OF SCIENTIFIC INSTRUMENTS Volume: 73 Issue: 10 Pages: 3644-3651
Published: OCT 2002
Times Cited: [5](#)
[Full Text](#)
43. Title: [The usefulness of GLONASS for positioning in the presence of GPS in the Indian subcontinent](#)

Author(s): Banerjee P, Bose A, Dasgupta A

Source: JOURNAL OF NAVIGATION Volume: 55 Issue: 3 Pages: 463-475 Published: SEP 2002

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44. Title: [Low concentration dopant disorder modified carrier scattering and related correlations in YBCO](#)

Author(s): Upreti UC, Narlikar AV

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 9 Pages: 637-642 Published: SEP 2002

Times Cited: 0

45. Title: [SEM, STM/STS and heavy ion irradiation studies on magnesium diboride superconductor](#)

Author(s): Narayan H, Samanta SB, Gupta A, et al.

Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS Volume: 377 Issue: 1-2 Pages: 1-6 Published: AUG 15 2002

Times Cited: [10](#)

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46. Title: [Infrared spectroscopic studies of polycyclic aromatic hydrocarbons in solid wax films: Anthracene and phenanthrene](#)

Author(s): Khan MN, Kumar P, Garg RK, et al.

Source: SPECTROSCOPY LETTERS Volume: 35 Issue: 4 Pages: 489-500 Published: 2002

Times Cited: [1](#)

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47. Title: [Magnetic properties of multilayers undoped yttrium iron garnet films of nano thin Co,Ce-doped and for magneto-optic applications](#)

Author(s): Rastogi AC, Moorthy VN

Source: MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY Volume: 95 Issue: 2 Pages: 131-136 Published: AUG 1 2002

Times Cited: [2](#)

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48. Title: [Importance of coherence length in explaining superconducting behaviour of cuprate superconductors](#)

Author(s): Gahtori B, Lal R, Joshi SK

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 8 Pages: 574-576 Published: AUG 2002

Times Cited: 0

49. Title: [Shielding behaviour of conducting polymer-coated fabrics in X-band, W-band and radio frequency range](#)

Author(s): Dhawan SK, Singh N, Venkatachalam S

Source: SYNTHETIC METALS Volume: 129 Issue: 3 Pages: 261-267 Published: AUG 15 2002

Times Cited: [31](#)

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50. Title: [Selection of a lining material for anechoic water tank](#)

Author(s): Paik B, Kumar A, Gupta R, et al.

Source: ACTA ACUSTICA UNITED WITH ACUSTICA Volume: 88 Issue: 2 Pages: 195-198 Published: MAR-APR 2002

Times Cited: 0

51. Title: [Synthesis of silicon carbide whiskers from substituted silicon alkoxides and rayon fibres](#)

Author(s): Raman V, Parashar VK, Dhakate SR

Source: JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY Volume: 25 Issue: 2

Pages: 175-179 Published: SEP 2002

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52. Title: [Modifying the nanocrystalline characteristics-structure, size, and surface states of copper oxide thin films by high-energy heavy-ion irradiation](#)

Author(s): Balamurugan B, Mehta BR, Avasthi DK, et al.

Source: JOURNAL OF APPLIED PHYSICS Volume: 92 Issue: 6 Pages: 3304-3310

Published: SEP 15 2002

Times Cited: [23](#)

53. Title: [Formation of carbonized porous silicon surfaces by thermal and optically induced reaction with acetylene](#)

Author(s): Lakshmikumar ST, Singh PK

Source: JOURNAL OF APPLIED PHYSICS Volume: 92 Issue: 6 Pages: 3413-3415

Published: SEP 15 2002

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54. Title: [Crystallography and crystallographers. Personal reflections on the past, the present and the future of crystallography on the occasion of the 125-year anniversary of Zeitschrift fur Kristallographie](#)

Author(s): Lal K

Source: ZEITSCHRIFT FUR KRISTALLOGRAPHIE Volume: 217 Issue: 7-8 Pages:

336-337 Published: 2002

Times Cited: 0

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55. Title: [STM/STS studies of Bi-O layers of Pb doped Bi-2223 superconductors irradiated by 100 MeV oxygen ion](#)

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

Source: SOLID STATE COMMUNICATIONS Volume: 123 Issue: 3-4 Pages: 117-122

Published: 2002

Times Cited: [1](#)

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56. Title: [Planck scale physics of the single-particle Schrodinger equation with gravitational self-interaction](#)

Author(s): Soni V

Conference Information: 2nd Winter Institute on Foundations of Quantum Theory and Quantum Optics, JAN 02-11, 2002 KOLKATA, INDIA

Source: PRAMANA-JOURNAL OF PHYSICS Volume: 59 Issue: 2 Special Issue: Sp. Iss.

SI Pages: 375-383 Published: AUG 2002

Times Cited: [5](#)

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57. Title: [Revisiting the stratospheric fountain hypothesis using UARS/HALOE data](#)

Author(s): Kar J, Choudhary RK, Mahajan KK

Conference Information: A1 2 Symposium of COSPAR Scientific Commission A held at the 33rd COSPAR Scientific Assembly, JUL, 2000 WARSAW, POLAND

Source: REMOTE SENSING OF TRACE CONSTITUENTS IN THE LOWER STRATOSPHERE, TROPOSPHERE AND THE EARTH'S SURFACE: GLOBAL OBSERVATIONS, AIR POLLUTION AND THE ATMOSPHERIC CORRECTION Book Series: ADVANCES IN SPACE RESEARCH Volume: 29 Issue: 11 Pages: 1725-1729

Published: 2002

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58. Title: [Soil physical and chemical properties as influenced by flyash addition in soil and yield of wheat](#)

Author(s): Sharma SK, Kalra N, Singh GR

Source: JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH Volume: 61 Issue: 8
Pages: 617-620 Published: AUG 2002

Times Cited: [2](#)

59. Title: [Metal-organic chemical vapour deposition of thin films of cobalt on different substrates: study of microstructure](#)

Author(s): Paranjape MA, Mane AU, Raychaudhuri AK, et al.

Source: THIN SOLID FILMS Volume: 413 Issue: 1-2 Pages: 8-15 Published: JUN 24 2002

Times Cited: [7](#)

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60. Title: [SIMS characterization of GaAs MIS devices at the interface](#)

Author(s): Chakraborty BR, Dilawar N, Pal S, et al.

Source: THIN SOLID FILMS Volume: 411 Issue: 2 Pages: 240-246 Published: MAY 31 2002

Times Cited: [5](#)

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61. Title: [Polyaniline thin film optical waveguides for integrated optics and VLSI prepared by vacuum evaporation technique](#)

Author(s): Sharma RP, Raghuvanshi MS, Bhavsar SV, et al.

Source: POLYMERS FOR ADVANCED TECHNOLOGIES Volume: 13 Issue: 6 Pages: 475-480 Published: JUN 2002

Times Cited: [5](#)

[Full Text](#)

62. Title: [Effect of AgNO₃ additive/doping on microstructure and superconductivity of the Pb doped Hg: 1223 thin film prepared through spray pyrolysis](#)

Author(s): Anand S, Srivastava ON

Source: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS Volume: 63 Issue: 9
Pages: 1647-1653 Published: SEP 2002

Times Cited: 0

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63. Title: [Observation of curious spiral-like features on spray pyrolysed Pb doped Hg-based HTSC films](#)

Author(s): Anand S, Srivastava ON

Source: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS Volume: 63 Issue: 9
Pages: 1729-1735 Published: SEP 2002

Times Cited: [1](#)

[Full Text](#)

64. Title: [A possible correlation between suppression of superconductivity, magnetic ordering and normal state resistivity parameters in the Yb_{1-x}Pr_xBa₂Cu₃O_{7-delta} system](#)

Author(s): Gupta A, Narayan H, Lisboa PN, et al.

Source: MODERN PHYSICS LETTERS B Volume: 16 Issue: 8 Pages: 261-273

Published: APR 10 2002

Times Cited: [2](#)

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65. Title: [Biomass burning and related trace gas emissions from tropical dry deciduous forests of India: A study using DMSP-OLS data and ground-based measurements](#)

Author(s): Prasad VK, Kant Y, Gupta PK, et al.

Source: INTERNATIONAL JOURNAL OF REMOTE SENSING Volume: 23 Issue: 14

Pages: 2837-2851 Published: JUL 20 2002

Times Cited: [3](#)

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66. Title: [Effect of Cu-site occupancy on superconducting order parameter dimensionality and related correlations in low-disorder Fe and Zn doped YBCO](#)

Author(s): Upreti UC, Narlikar AV

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 7 Pages: 476-481 Published: JUL 2002

Times Cited: [2](#)

67. Title: [Ultrasonic propagation in breast tissue with ductal carcinoma](#)

Author(s): Bhatia KG, Singh VR, Bansal MC, et al.

Source: INDIAN JOURNAL OF PURE & APPLIED PHYSICS Volume: 40 Issue: 7 Pages: 515-519 Published: JUL 2002

Times Cited: [5](#)

68. Title: [Immobilization of urease on poly\(N-vinyl carbazole\)/stearic acid Langmuir-Blodgett films for application to urea biosensor](#)

Author(s): Singhal R, Gambhir A, Pandey MK, et al.

Source: BIOSENSORS & BIOELECTRONICS Volume: 17 Issue: 8 Pages: 697-703

Published: AUG 2002

Times Cited: [33](#)

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69. Title: [Observation of novel superstructures at low Sb coverages on Si\(111\)-7 x 7 surface](#)

Author(s): Paliwal VK, Vedeshwar AG, Shivaprasad SM

Source: SURFACE SCIENCE Volume: 513 Issue: 2 Pages: L397-L401 Published: JUL 20 2002

Times Cited: [16](#)

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70. Title: [Spectral properties of doped bilayer cuprates at finite temperatures](#)

Author(s): Pratap A, Lal R, Govind, et al.

Conference Information: International Symposium on Advances in Superconductivity and Magnetism: Materials, Mechanisms, and Devices (ASMM2D-2001), SEP 25-28, 2001 MUMBAI, INDIA

Source: PRAMANA-JOURNAL OF PHYSICS Volume: 58 Issue: 5-6 Pages: 855-859

Published: MAY-JUN 2002

Times Cited: 0

71. Title: [Condensation energy of the superconducting bilayer cuprates](#)
Author(s): Govind, Ajay, Joshi SK
Conference Information: International Symposium on Advances in Superconductivity and Magnetism: Materials, Mechanisms, and Devices (ASMM2D-2001), SEP 25-28, 2001 MUMBAI, INDIA
Source: PRAMANA-JOURNAL OF PHYSICS Volume: 58 Issue: 5-6 Pages: 861-866
Published: MAY-JUN 2002
Times Cited: 0
72. Title: [Study of magnetoresistance and conductance of bicrystal grain boundary in La_{0.67}Ba_{0.33}MnO₃ thin film](#)
Author(s): Khare N, Gupta AK, Moharil UP, et al.
Conference Information: International Symposium on Advances in Superconductivity and Magnetism: Materials, Mechanisms, and Devices (ASMM2D-2001), SEP 25-28, 2001 MUMBAI, INDIA
Source: PRAMANA-JOURNAL OF PHYSICS Volume: 58 Issue: 5-6 Pages: 1165-1170
Published: MAY-JUN 2002
Times Cited: 0
73. Title: [Sensitivity of surface resistance measurement of HTS thin films by cavity resonator, dielectric resonator and microstrip line resonator](#)
Author(s): Kataria ND, Misra M, Pinto R
Conference Information: International Symposium on Advances in Superconductivity and Magnetism: Materials, Mechanisms, and Devices (ASMM2D-2001), SEP 25-28, 2001 MUMBAI, INDIA
Source: PRAMANA-JOURNAL OF PHYSICS Volume: 58 Issue: 5-6 Pages: 1171-1177
Published: MAY-JUN 2002
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74. Title: [Analysis of a shielded TE₀₁₁ mode composite dielectric resonator for stable frequency reference](#)
Author(s): Kataria ND, Daya KS, Das VG
Conference Information: International Symposium on Advances in Superconductivity and Magnetism: Materials, Mechanisms, and Devices (ASMM2D-2001), SEP 25-28, 2001 MUMBAI, INDIA
Source: PRAMANA-JOURNAL OF PHYSICS Volume: 58 Issue: 5-6 Pages: 1203-1206
Published: MAY-JUN 2002
Times Cited: 0
75. Title: [FTIR and absorption edge studies on tungsten oxide based precursor materials synthesized by sol-gel technique](#)
Author(s): Sharma N, Deepa M, Varshney P, et al.
Source: JOURNAL OF NON-CRYSTALLINE SOLIDS Volume: 306 Issue: 2 Pages: 129-137
Published: AUG 2002
Times Cited: [10](#)
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76. Title: [The effect of pinning centers in Zn-doped CuBa₂Ca₃Cu₄O_{12-y} high-temperature superconductors](#)
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Author(s): Rastogi AC, Moorthy VN
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Author(s): Gerard M, Chaubey A, Malhotra BD

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