# Abhijit Ray

List of Publications by Year
in descending order



| 124 | 2,275 | 218677 | 254184 |
|---|---|---|---|
| papers | citations | 26 h-index | 43 g-index |

| 126 | 126 | 126 | 3179 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of copper pretreatment on optical and electrical properties of camphor-based graphene by chemical vapour deposition. Journal of Materials Science: Materials in Electronics, 2022, 33, 8397-8408. | 2.2 | 2 |
| 2 | DC and DP polarographic studies to explore the intermediate species form and operating conditions effects on electrodeposition of Cu from Cu(II) in the presence of alizarin red S. Chemical Papers, 2022, 76, 1745. | 2.2 | 1 |
| 3 | Electrodeposited Ni-Mo Surface Alloy @ Ni-Foam for Electrocatalytic Hydrogen Generation in Acidic and Alkaline Media. Journal of the Electrochemical Society, 2022, 169, 056511. | 2.9 | 6 |
| 4 | Heterointerfaces of nickel sulphides and selenides on Ni-foam as efficient bifunctional electrocatalysts in acidic environments. Journal of Materials Chemistry A, 2022, 10, 12733-12746. | 10.3 | 26 |
| 5 | Hydrothermally grown MoS2 nanosheets under non-equilibrium condition and its electrocatalytic hydrogen evolution performance. Journal of Materials Research, 2022, 37, 1892-1903. | 2.6 | 3 |
| 6 | Fabrication of silicon nanohorns via soft lithography technique for photoelectrochemical application. International Journal of Hydrogen Energy, 2021, 46, 16404-16413. | 7.1 | 9 |
| 7 | Photoelectrochemical characteristics of electrodeposited cuprous oxide with protective over layers for hydrogen evolution reactions. International Journal of Hydrogen Energy, 2021, 46, 16431-16439. | 7.1 | 17 |
| 8 | A Systematic Investigation on Evaporation, Condensation and Production of Sustainable Water from Novel-Designed Tubular Solar Still. Springer Proceedings in Energy, 2021, , 1121-1130. | 0.3 | 2 |
| 9 | Articulating effect of low copper content on structure and optoelectronic properties of spray deposited Cu2ZnSnS4 thin films â€“ From experiment and first-principles investigations. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114912. | 3.5 | 6 |
| 10 | Unravelling camphor mediated synthesis of TiO2 nanorods over shape memory alloy for efficient energy harvesting. Applied Surface Science, 2021, 541, 148489. | 6.1 | 25 |
| 11 | Cutting edge cleaning solution for PV modules. Materials Today: Proceedings, 2021, 39, 2005-2008. | 1.8 | 6 |
| 12 | Electrochemical-thermal modelling of commercially available cylindrical lithium-ion cells for the tropical climate of India. Materials Today: Proceedings, 2021, 47, 647-651. | 1.8 | 3 |
| 13 | Feasibility Study of Crude Oil Asphaltenes as Light-Harvesting Materials for Organic Photovoltaics: Light Absorption Characteristics of the Thin Film with P3HT. Green Energy and Technology, 2021, , 129-139. | 0.6 | 2 |
| 14 | Self-standing, hybrid three-dimensional-porous MoS2/Ni3S2 foam electrocatalyst for hydrogen evolution reaction in alkaline medium. International Journal of Hydrogen Energy, 2021, 46, 7759-7771. | 7.1 | 31 |
| 15 | Effect of Azimuth and Tilt Angle on Ideally Designed Rooftop Solar PV Plant for Energy Generation. , 2021, , . | | 3 |
| 16 | Effect of Temperature on Conversion Efficiency of Single-Phase Solar PV Inverter. , 2021, , . | | 3 |
| 17 | Nanogrids in India: A conceptual solution for off grid/rural electrification. , 2021, , . | | 1 |
| 18 | Performance comparison of crystalline and thin film PV Technology: Observations at Utility scale Solar PV Plants under A high solar resource in western India. , 2021, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Multiple MPPT based String Inverter effect on Annual performance: Observations at Utility scale Solar PV Plants. , 2021, , . | | 1 |
| 20 | Techno-Economic-Environment Analysis of Solar PV Smart Microgrid for Sustainable Rural Electrification in Agriculture community. , 2021, , . | | 3 |
| 21 | Snail Trail Impact on Rooftop Solar PV Plant Energy Generation. , 2021, , . | | 1 |
| 22 | SnS and SnS2 films by direct-coating from same molecular ink. Materials Science in Semiconductor Processing, 2021, 131, 105852. | 4.0 | 5 |
| 23 | Reviewâ€"Inorganic Solid State Electrolytes: Insights on Current and Future Scope. Journal of the Electrochemical Society, 2021, 168, 080536. | 2.9 | 11 |
| 24 | Pseudocapacitive Energy Storage in Copper Oxide and Hydroxide Nanostructures Casted Over Nickel-Foam. Springer Proceedings in Energy, 2021, , 1383-1391. | 0.3 | 3 |
| 25 | Novel Design of PV Integrated Solar Still for Cogeneration of Power and Sustainable Water Using PVT Technology. Springer Proceedings in Energy, 2021, , 1131-1143. | 0.3 | 2 |
| 26 | Effect of Doping Concentration on Grain Boundary Conductivity of Samaria Doped Ceria Composites. Journal of the Electrochemical Society, 2021, 168, 124515. | 2.9 | 1 |
| 27 | Controlled etching of silica nanospheres monolayer for template application: A systematic study. Applied Surface Science, 2020, 500, 144050. | 6.1 | 14 |
| 28 | Growth of titanium dioxide nanorod over shape memory material using chemical vapor deposition for energy conversion application. Materials Today: Proceedings, 2020, 28, 475-479. | 1.8 | 30 |
| 29 | Role of nanowire length on the performance of a self-driven NIR photodetector based on mono/bi-layer graphene (camphor)/Si-nanowire Schottky junction. Nanotechnology, 2020, 31, 225208. | 2.6 | 13 |
| 30 | Investigation of spray pyrolyzed copper oxide as a photocathode in photoelectrochemical energy conversion. Materials Today: Proceedings, 2020, 28, 883-887. | 1.8 | 5 |
| 31 | Comparative study of heat transfer characteristics of a tube equipped with X-shaped and twisted tape insert. Materials Today: Proceedings, 2020, 28, 1175-1180. | 1.8 | 10 |
| 32 | Economic Modeling of Deviation Settlement under Solar Forecasting and Scheduling. , 2020, , . | | 0 |
| 33 | Temperature Effects on DC Cable Voltage Drop in Utility Scale Rooftop Solar PV Plant Based on Empirical Model. , 2020, , . | | 1 |
| 34 | Exploring Technical and Economic Feasibility of a Stand-Alone Solar PV Based DC Distribution System Over AC for Use in Houses. , 2020, , . | | 2 |
| 35 | Performance Analysis of String and Central Inverter based Ideally Designed Utility scale Solar PV Plant. , 2020, , . | | 8 |
| 36 | Annual performance of Multiple MPPT based String Inverter under Partial Shadowing: Observations at Utility scale Solar PV Plants. , 2020, , . | | 5 |

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| 37 | Low temperatureâ€“controlled synthesis of hierarchical Cu2O/Cu(OH)2/CuO nanostructures for energy applications. Journal of Materials Research, 2019, 34, 3173-3185. | 2.6 | 31 |
| 38 | Controlled Island Formation of Large-Area Graphene Sheets by Atmospheric Chemical Vapor Deposition: Role of Natural Camphor. ACS Omega, 2019, 4, 8758-8766. | 3.5 | 15 |
| 39 | Broadband photoresponse data of transparent all-oxide photovoltaics of ZnO/NiO. Data in Brief, 2019, 25, 104095. | 1.0 | 1 |
| 40 | Solar to chemical energy conversion using titania nanorod photoanodes augmented by size distribution of plasmonic Au-nanoparticle. Materials Chemistry and Physics, 2019, 231, 322-334. | 4.0 | 8 |
| 41 | Transition Metal Dichalcogenide Anchored in 3D Nickel Framework with Graphene Support for Efficient Electrocatalytic Hydrogen Evolution. Advanced Sustainable Systems, 2019, 3, 1800168. | 5.3 | 12 |
| 42 | Development of highly sensitive H2O2 redox sensor from electrodeposited tellurium nanoparticles using ionic liquid. Biosensors and Bioelectronics, 2019, 132, 319-325. | 10.1 | 24 |
| 43 | Transparent all-oxide photovoltaics and broadband high-speed energy-efficient optoelectronics. Solar Energy Materials and Solar Cells, 2019, 194, 148-158. | 6.2 | 25 |
| 44 | The Effect of Substrate Temperature on the Phase Formation of Spray-Pyrolysed Ternary Cu2SnS3 for Thin-Film Solar Cells. Transactions of the Indian Institute of Metals, 2019, 72, 1675-1678. | 1.5 | 2 |
| 45 | Effective light polarization insensitive and omnidirectional properties of Si nanowire arrays developed on different crystallographic planes. Nanotechnology, 2019, 30, 124002. | 2.6 | 14 |
| 46 | A solid carbon source based high performance mono/bi layer graphene/SiNWs heterojunction NIR photodetector. , 2019, , . | | 1 |
| 47 | Highly phase-pure spray-pyrolysed Cu2SnS3 thin films prepared by hybrid thermal treatment for photovoltaic applications. Journal of Alloys and Compounds, 2018, 745, 347-354. | 5.5 | 22 |
| 48 | Neutrophil-to-lymphocyte Ratio (NLR) as a predictor for recurrence in patients with stage III melanoma. Scientific Reports, 2018, 8, 4044. | 3.3 | 53 |
| 49 | Effect of annealing atmosphere on microstructure, optical and electronic properties of spray-pyrolysed In-doped Zn(O,S) thin films. Bulletin of Materials Science, 2018, 41, 1. | 1.7 | 3 |
| 50 | Effective Photocurrent Enhancement in Nanostructured CuO by Organic Dye Sensitization: Studies on Charge Transfer Kinetics. Journal of Physical Chemistry C, 2018, 122, 3690-3699. | 3.1 | 15 |
| 51 | Quantum mechanical investigation of optoelectronic properties of gold nanoparticle attached titanium dioxide nanorods for device applications. Journal of Nanoparticle Research, 2018, 20, 1. | 1.9 | 5 |
| 52 | Direct-coated copper nickel tin sulphide (Cu2NiSnS4) thin films from molecular ink. Materials Letters, 2018, 215, 118-120. | 2.6 | 15 |
| 53 | Electrical properties modulation in spray pyrolysed Cu2SnS3 thin films through variation of copper precursor concentration for photovoltaic application. Journal of Analytical and Applied Pyrolysis, 2018, 136, 35-43. | 5.5 | 13 |
| 54 | Effect of vacuum and sulphur annealing on the structural properties of spray deposited Cu2SnS3 thin films. Vacuum, 2018, 158, 263-270. | 3.5 | 17 |

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| 55 | Synthesis and characterization of spray deposited CZTS thin films for photo-electrochemical application. AIP Conference Proceedings, 2018, , . | 0.4 | 4 |
| 56 | Solid-solution Zn(O,S) thin films: Potential alternative buffer layer for Cu2ZnSnS4 solar cells. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 57 | SnS2 films deposited from molecular ink as Cd-free alternative buffer layer for solar cells. AIP Conference Proceedings, 2018, , . | 0.4 | 7 |
| 58 | Spray pyrolyzed Cu2SnS3 thin films for photovoltaic application. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 59 | Effect of annealing temperature on the PEC performance of electrodeposited copper oxides. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 60 | Achieving sub-50â€...nm controlled diameter of aperiodic Si nanowire arrays by ultrasonic catalyst removal for photonic applications. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 61 | Inexpensive Cu2SnS3 grown by room-temperature aqueous bath electrodeposition for thin film solar cells. International Journal of Modern Physics B, 2018, 32, 1840071. | 2.0 | 2 |
| 62 | Effect of growth temperature and precursor concentration on synthesis of CVD-graphene from camphor. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 63 | TiO2 nanorods thin-films embedded with gold nanoparticles for enhanced photocatalytic activity. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 64 | Preparation and characterization of Cu2SnS3 thin films by electrodeposition. AIP Conference Proceedings, 2018, , . | 0.4 | 5 |
| 65 | Determining the confined optical length of high index vertical Si nanoforest arrays for photonic applications. Journal of Applied Physics, 2018, 123, . | 2.5 | 6 |
| 66 | Electrodeposition of Si from an Ionic Liquid Bath at Room Temperature in the Presence of Water. Langmuir, 2017, 33, 1599-1604. | 3.5 | 18 |
| 67 | Optimization of photoelectrochemical performance in chemical bath deposited nanostructured CuO. Journal of Alloys and Compounds, 2017, 695, 3655-3665. | 5.5 | 33 |
| 68 | First-principles study of electronic and optical properties of solid-solution ZnO1â^'xSx. International Journal of Modern Physics B, 2017, 31, 1750175. | 2.0 | 2 |
| 69 | Reinforcement of Zn(O,S) buffer layer for efficient band matching in a kesterite (Cu2ZnSnS4) solar cell and its analysis using simulation tool for the application in energy harvesting. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 70 | Strong light absorption capability directed by structured profile of vertical Si nanowires. Optical Materials, 2017, 73, 449-458. | 3.6 | 16 |
| 71 | Sample preparation and electrochemical data of Co3O4 working electrode for seawater splitting. Data in Brief, 2017, 14, 68-72. | 1.0 | 4 |
| 72 | Photoelectrocatalytic sea water splitting using Kirkendall diffusion grown functional Co3O4 film. Solar Energy Materials and Solar Cells, 2017, 171, 267-274. | 6.2 | 39 |

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| 73 | Structure, optical and electronic properties of solid solution Zn(O,S) thin films and the effect of annealing. Applied Physics A: Materials Science and Processing, 2017, 123, 1. | 2.3 | 6 |
| 74 | Titanium dioxide nanorod diameter and layer porosity optimization by estimating electrical performance of dye and perovskite sensitized solar cell. Journal of Porous Materials, 2017, 24, 217-231. | 2.6 | 6 |
| 75 | A phase I trial of azacitidine and nanoparticle albumin bound paclitaxel in patients with advanced or metastatic solid tumors. Oncotarget, 2017, 8, 52413-52419. | 1.8 | 21 |
| 76 | Investigating the Band Alignment of Zn(O, S) with Kesterite (Cu2ZnSnS4) Material for Photovoltaic Application. Journal of Nano- and Electronic Physics, 2017, 9, 03007-1-03007-4. | 0.5 | 0 |
| 77 | A phase I study of intratumoral ipilimumab and interleukin-2 in patients with advanced melanoma. Oncotarget, 2016, 7, 64390-64399. | 1.8 | 60 |
| 78 | Highly Photoactive and Photo-Stable Spray Pyrolyzed Tenorite CuO Thin Films for Photoelectrochemical Energy Conversion. Journal of the Electrochemical Society, 2016, 163, H1195-H1203. | 2.9 | 25 |
| 79 | Fabrication and characterization of GaN/InGaN MQW solar cells. Applied Physics A: Materials Science and Processing, 2016, 122, 1. | 2.3 | 5 |
| 80 | Thermally Stable Silver Nanowires-Embedding Metal Oxide for Schottky Junction Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 8662-8669. | 8.0 | 34 |
| 81 | Facile, Noncyanide Based Etching of Spray Deposited Cu<sub>2</sub>ZnSnS<sub>4</sub> Thin Films for Secondary Phase Removal. ACS Sustainable Chemistry and Engineering, 2016, 4, 2302-2308. | 6.7 | 31 |
| 82 | Nanostructured SnS with inherent anisotropic optical properties for high photoactivity. Nanoscale, 2016, 8, 2293-2303. | 5.6 | 123 |
| 83 | Effect of initial bath condition and post-annealing on co-electrodeposition of Cu2ZnSnS4. Materials Chemistry and Physics, 2016, 171, 63-72. | 4.0 | 21 |
| 84 | Effect of Annealing on Structural Properties of Electrodeposited CZTS Thin Films. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 2-6. | 3.2 | 12 |
| 85 | p-GaN/i-In $$_mathrm{x }$$ x Ga1 $$_mathrm{x }$$ x N/n-GaN solar cell with indium compositional grading. Optical and Quantum Electronics, 2015, 47, 1117-1126. | 3.3 | 5 |
| 86 | Metal/InGaN Schottky junction solar cells: an analytical approach. Applied Physics A: Materials Science and Processing, 2015, 118, 1459-1468. | 2.3 | 13 |
| 87 | Time optimization of instruction execution in FPGA using embedded systems. , 2015, , . | | 1 |
| 88 | Effects of Heating Temperature and Duration by Gold Nanorod Mediated Plasmonic Photothermal Therapy on Copolymer Accumulation in Tumor Tissue. Molecular Pharmaceutics, 2015, 12, 1605-1614. | 4.6 | 17 |
| 89 | Junction and Back Contact Properties of Spray-Deposited M/SnS/In2S3/SnO2:F/Glass (MÂ=ÂCu, Graphite) Devices: Considerations to Improve Photovoltaic Performance. Journal of Electronic Materials, 2015, 44, 558-567. | 2.2 | 6 |
| 90 | Molar optimization of spray pyrolyzed SnS thin films for photoelectrochemical applications. Journal of Alloys and Compounds, 2015, 619, 458-463. | 5.5 | 35 |

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| 91 | Theoretical analysis of a Pico-hydro power system for energy generation in rural or isolated area. , 2014, , . | | 15 |
| 92 | Gold nanorod-mediated hyperthermia enhances the efficacy of HPMA copolymer-90Y conjugates in treatment of prostate tumors. Nuclear Medicine and Biology, 2014, 41, 282-289. | 0.6 | 44 |
| 93 | In Vitro Evaluation of HPMA-Copolymers Targeted to HER2 Expressing Pancreatic Tumor Cells for Image Guided Drug Delivery. Macromolecular Bioscience, 2014, 14, 92-99. | 4.1 | 4 |
| 94 | Magnetron sputtered Cu doped SnS thin films for improved photoelectrochemical and heterojunction solar cells. RSC Advances, 2014, 4, 39343-39350. | 3.6 | 52 |
| 95 | Evaluation of Back Contact in Spray Deposited SnS Thin Film Solar Cells by Impedance Analysis. ACS Applied Materials & Interfaces, 2014, 6, 10099-10106. | 8.0 | 36 |
| 96 | Annealing influence over structural and optical properties of sprayed SnS thin films. Optical Materials, 2013, 35, 1693-1699. | 3.6 | 60 |
| 97 | Biodegradable multiblock poly(N-2-hydroxypropyl)methacrylamide gemcitabine and paclitaxel conjugates for ovarian cancer cell combination treatment. International Journal of Pharmaceutics, 2013, 454, 435-443. | 5.2 | 48 |
| 98 | A study on the 2D simulation of Pt/InGaN/GaN/metal Schottky junction solar cell. Semiconductor Science and Technology, 2013, 28, 055012. | 2.0 | 6 |
| 99 | Plasmonic photothermal therapy increases the tumor mass penetration of HPMA copolymers. Journal of Controlled Release, 2013, 166, 130-138. | 9.9 | 59 |
| 100 | Theoretical study on the effect of graded In<sub>y</sub>Ga<sub>1â^'y</sub>N layer on p-GaN/In<sub>y</sub>Ga<sub>1â^'y</sub>N/n-GaN p-i-n solar cell. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2656-2661. | 1.8 | 5 |
| 101 | Overcoming the stromal barrier for targeted delivery of HPMA copolymers to pancreatic tumors. International Journal of Pharmaceutics, 2013, 456, 202-211. | 5.2 | 28 |
| 102 | Study of the junction and carrier lifetime properties of a spray-deposited CZTS thin-film solar cell. Semiconductor Science and Technology, 2013, 28, 055001. | 2.0 | 31 |
| 103 | Theoretical simulation of photovoltaic response of graphene-on-semiconductors. Applied Physics A: Materials Science and Processing, 2013, 111, 1159-1163. | 2.3 | 16 |
| 104 | Evidence of Oral Translocation of Anionic G6.5 Dendrimers in Mice. Molecular Pharmaceutics, 2013, 10, 988-998. | 4.6 | 26 |
| 105 | Influence of optical properties of ZnO thin-films deposited by spray pyrolysis and RF magnetron sputtering on the output performance of silicon solar cell. IOP Conference Series: Materials Science and Engineering, 2013, 43, 012002. | 0.6 | 3 |
| 106 | Guided delivery of polymer therapeutics using plasmonic photothermal therapy. Nano Today, 2012, 7, 158-167. | 11.9 | 107 |
| 107 | Structural, optical and electrical properties of spray-deposited CZTS thin films under a non-equilibrium growth condition. Journal Physics D: Applied Physics, 2012, 45, 445103. | 2.8 | 144 |
| 108 | The effect of indium composition on open-circuit voltage of InGaN thin-film solar cell: An analytical and computer simulation study. , 2012, , . | | 2 |

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| 109 | Size and surface charge significantly influence the toxicity of silica and dendritic nanoparticles. Nanotoxicology, 2012, 6, 713-723. | 3.0 | 145 |
| 110 | Enhancement of output performance of Cu2ZnSnS4 thin film solar cellsâ€"A numerical simulation approach and comparison to experiments. Physica B: Condensed Matter, 2012, 407, 4391-4397. | 2.7 | 134 |
| 111 | A study of the applicability of ZnO thin-films as anti-reflection coating on Cu2ZnSnS4 thin-films solar cell. AIP Conference Proceedings, 2012, , . | 0.4 | 2 |
| 112 | Comparison of Active and Passive Targeting of Docetaxel for Prostate Cancer Therapy by HPMA Copolymerâ€"RGDfK Conjugates. Molecular Pharmaceutics, 2011, 8, 1090-1099. | 4.6 | 56 |
| 113 | Anticancer and antiangiogenic activity of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer therapy. Journal of Controlled Release, 2011, 151, 263-270. | 9.9 | 40 |
| 114 | Simulation of IPV effect in In-doped c-Si with optimized indium concentration and layer thickness. Physica B: Condensed Matter, 2011, 406, 4221-4226. | 2.7 | 12 |
| 115 | PAMAM-Camptothecin Conjugate Inhibits Proliferation and Induces Nuclear Fragmentation in Colorectal Carcinoma Cells. Pharmaceutical Research, 2010, 27, 2307-2316. | 3.5 | 47 |
| 116 | Utilization of discrete event simulation in the prospective determination of optimal cardiovascular lab processes. , 2009, , . | | 2 |
| 117 | Annealing time dependence of electrical resistivity and magneto-resistance of La0.6Y0.07Ca0.33MnO3 pellets prepared by â€œpyrophoricâ€•method. Journal of Magnetism and Magnetic Materials, 2003, 266, 268-277. | 2.3 | 14 |
| 118 | Thermal conductivity of La0.67(CaxSr1â^'x)0.33MnO3 (x=0, 0.5, 1) and La0.6Y0.07Ca0.33MnO3 pellets between 10 and 300K. Solid State Communications, 2003, 126, 147-152. | 1.9 | 15 |
| 119 | Low Field Second Harmonic Response and AC Susceptibility of (Bi,Pb)-2223 Pellet in a Generalized Critical State Model. International Journal of Modern Physics B, 2003, 17, 3831-3846. | 2.0 | 3 |
| 120 | Estimation of non-linear effective flux diffusion barrier U(J, Hd, T) and critical current density of polycrystalline (Biâ€"Pb)-2223 using ac susceptibility measurements. Materials Research Bulletin, 2002, 37, 833-839. | 5.2 | 13 |
| 121 | Non-destructive evaluation of defects in ferromagnetic plates using a sensitive magnetic sensor based on second harmonic response of superconducting Bi1.6Pb0.4Sr4Ca2Cu3O10+Î´ pellet. Bulletin of Materials Science, 2002, 25, 101-107. | 1.7 | 1 |
| 122 | A novel method for sensing rotational speed, linear displacement and current using superconducting BPSCCO magnetic sensor. Bulletin of Materials Science, 2002, 25, 463-467. | 1.7 | 1 |
| 123 | A sensitive magnetic field sensor using BPSCCO thick film. Bulletin of Materials Science, 2001, 24, 385-388. | 1.7 | 1 |
| 124 | A powerful approach to develop nitrogen-doped graphene sheets: theoretical and experimental framework. Journal of Materials Science, 0, , . | 3.7 | 3 |