

Jagdish Narayan

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

3,331
citations

196777

29
h-index

198040

52
g-index

135
all docs

135
docs citations

135
times ranked

3975
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Emergence of orbital two-channel Kondo effect in epitaxial TiN thin films. Solid State Communications, 2022, 341, 114547. | 0.9 | 1 |
| 2 | Laser-patterned carbon coatings on flexible and optically transparent plastic substrates for advanced biomedical sensing and implant applications. Journal of Materials Chemistry C, 2022, 10, 2965-2975. | 2.7 | 25 |
| 3 | Fabrication of Q-Carbon Nanostructures, Diamond and Their Composites with Wafer-Scale Integration. Crystals, 2022, 12, 615. | 1.0 | 10 |
| 4 | Formation of Q-carbon with wafer scale integration. Carbon, 2022, 196, 972-978. | 5.4 | 8 |
| 5 | Discovery of Double Helix and Impact on Nanoscale to Mesoscale Crystalline Structures. ACS Omega, 2022, 7, 25853-25859. | 1.6 | 3 |
| 6 | Synthesis of multifunctional microdiamonds on stainless steel substrates by chemical vapor deposition. Carbon, 2021, 171, 739-749. | 5.4 | 21 |
| 7 | Tunable n-Type Conductivity and Transport Properties of Cubic Boron Nitride via Carbon Doping. ACS Applied Electronic Materials, 2021, 3, 1359-1367. | 2.0 | 10 |
| 8 | Advances in laser-assisted conversion of polymeric and graphitic carbon into nanodiamond films. Nanotechnology, 2021, 32, . | 1.3 | 12 |
| 9 | Liquid phase regrowth of ~110% nanodiamond film by UV laser annealing of PTFE to generate dense CVD microdiamond film. Diamond and Related Materials, 2021, 117, 108481. | 1.8 | 9 |
| 10 | Enhanced nucleation and large-scale growth of CVD diamond via surface-modification of silicon-incorporated diamond-like carbon thin films. Diamond and Related Materials, 2021, 120, 108630. | 1.8 | 11 |
| 11 | Enhanced Vapor Transmission Barrier Properties via Silicon-Incorporated Diamond-Like Carbon Coating. Polymers, 2021, 13, 3543. | 2.0 | 9 |
| 12 | One-Step Formation of Reduced Graphene Oxide from Insulating Polymers Induced by Laser Writing Method. Crystals, 2021, 11, 1308. | 1.0 | 11 |
| 13 | Atomic-Scale Insights on Large-Misfit Heterointerfaces in LSMO/MgO/c-Al ₂ O ₃ . Crystals, 2021, 11, 1493. | 1.0 | 5 |
| 14 | Mechanism of strain relaxation: key to control of structural and electronic transitions in VO ₂ thin-films. Materials Research Letters, 2020, 8, 16-22. | 4.1 | 7 |
| 15 | Evidence of weak antilocalization in epitaxial TiN thin films. Journal of Magnetism and Magnetic Materials, 2020, 498, 166094. | 1.0 | 9 |
| 16 | Nonequilibrium Structural Evolution of Q-Carbon and Interfaces. ACS Applied Materials & Interfaces, 2020, 12, 1330-1338. | 4.0 | 23 |
| 17 | Direct conversion of Teflon into nanodiamond films. Materials Research Letters, 2020, 8, 408-416. | 4.1 | 7 |
| 18 | Electron mobility modulation in graphene oxide by controlling carbon melt lifetime. Carbon, 2020, 170, 327-337. | 5.4 | 32 |

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|----|--|-----|-----------|
| 19 | Volatile and non-volatile behavior of metal-insulator transition in VO ₂ through oxygen vacancies tunability for memory applications. Journal of Applied Physics, 2020, 128, . | 1.1 | 17 |
| 20 | Nanometer-Thick Hexagonal Boron Nitride Films for 2D Field-Effect Transistors. ACS Applied Nano Materials, 2020, 3, 7930-7941. | 2.4 | 5 |
| 21 | Conversion of h-BN into c-BN for tuning optoelectronic properties. Materials Advances, 2020, 1, 830-836. | 2.6 | 9 |
| 22 | Selective Liquid-Phase Regrowth of Reduced Graphene Oxide, Nanodiamond, and Nanoscale Q-Carbon by Pulsed Laser Annealing for Radiofrequency Devices. ACS Applied Nano Materials, 2020, 3, 5178-5188. | 2.4 | 4 |
| 23 | 3D Hybrid Plasmonic Framework with Au Nanopillars Embedded in Nitride Multilayers Integrated on Si. Advanced Materials Interfaces, 2020, 7, 2000493. | 1.9 | 18 |
| 24 | Fabrication of ultrahard Q-carbon nanocoatings on AISI 304 and 316 stainless steels and subsequent formation of high-quality diamond films. Diamond and Related Materials, 2020, 104, 107742. | 1.8 | 17 |
| 25 | Characteristics of Diamond Deposition on Al ₂ O ₃ , Diamond-like Carbon, and Q-Carbon. ACS Applied Electronic Materials, 2020, 2, 1323-1334. | 2.0 | 16 |
| 26 | Structural evolution of laser-irradiated ultrananocrystalline diamond/amorphous carbon composite films prepared by coaxial arc plasma. Applied Physics Express, 2020, 13, 105503. | 1.1 | 17 |
| 27 | Non-equilibrium processing of ferromagnetic heavily reduced graphene oxide. Carbon, 2019, 153, 663-673. | 5.4 | 15 |
| 28 | Laser-induced structure transition of diamond-like carbon coated on cemented carbide and formation of reduced graphene oxide. MRS Communications, 2019, 9, 910-915. | 0.8 | 12 |
| 29 | Epitaxial Growth of Thin Films. , 2019, , . | | 6 |
| 30 | Scale-up of Q-carbon and nanodiamonds by pulsed laser annealing. Diamond and Related Materials, 2019, 99, 107531. | 1.8 | 20 |
| 31 | Nano-to-micro diamond formation by nanosecond pulsed laser annealing. Journal of Applied Physics, 2019, 126, 125307. | 1.1 | 8 |
| 32 | Formation and characterization of nano- and microstructures of twinned cubic boron nitride. Physical Chemistry Chemical Physics, 2019, 21, 1700-1710. | 1.3 | 9 |
| 33 | Reduced Graphene Oxide/Amorphous Carbon p-n Junctions: Nanosecond Laser Patterning. ACS Applied Materials & Interfaces, 2019, 11, 24318-24330. | 4.0 | 18 |
| 34 | Emergence of shallow energy levels in B-doped Q-carbon: A high-temperature superconductor. Acta Materialia, 2019, 174, 153-159. | 3.8 | 10 |
| 35 | Synthesis of diamond nanostructures from carbon nanotube and formation of diamond-CNT hybrid structures. Carbon, 2019, 150, 388-395. | 5.4 | 40 |
| 36 | Structure-property correlations in phase-pure B-doped Q-carbon high-temperature superconductor with a record $T_c = 55$ K. Nanoscale, 2019, 11, 9141-9154. | 2.8 | 5 |

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|----|--|-----|-----------|
| 37 | Direct conversion of carbon nanofibers into diamond nanofibers using nanosecond pulsed laser annealing. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7208-7219. | 1.3 | 4 |
| 38 | Electrical Transition in Isostructural VO ₂ Thin-Film Heterostructures. <i>Scientific Reports</i> , 2019, 9, 3009. | 1.6 | 28 |
| 39 | Planar Hall effect and anisotropic magnetoresistance in semiconducting and conducting oxide thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1. | 1.1 | 5 |
| 40 | Room-temperature ferromagnetism in epitaxial titanium nitride thin films. <i>Acta Materialia</i> , 2019, 166, 221-230. | 3.8 | 23 |
| 41 | Vacancy-Driven Robust Metallicity of Structurally Pinned Monoclinic Epitaxial VO ₂ Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3547-3554. | 4.0 | 27 |
| 42 | Reduced Graphene Oxide-Nanostructured Silicon Photosensors with High Photoresponsivity at Room Temperature. <i>ACS Applied Nano Materials</i> , 2019, 2, 2086-2098. | 2.4 | 5 |
| 43 | Tunable charge states of nitrogen-vacancy centers in diamond for ultrafast quantum devices. <i>Carbon</i> , 2019, 142, 662-672. | 5.4 | 30 |
| 44 | Structure-property correlations in thermally processed epitaxial LSMO films. <i>Acta Materialia</i> , 2019, 163, 189-198. | 3.8 | 11 |
| 45 | Diamond film growth by HFCVD on Q-carbon seeded substrate. <i>Carbon</i> , 2019, 141, 182-189. | 5.4 | 19 |
| 46 | Electron field emission from Q-carbon. <i>Diamond and Related Materials</i> , 2018, 86, 71-78. | 1.8 | 35 |
| 47 | High temperature superconductivity in distinct phases of amorphous B-doped Q-carbon. <i>Journal of Applied Physics</i> , 2018, 123, . | 1.1 | 17 |
| 48 | Room-Temperature Ferromagnetism and Extraordinary Hall Effect in Nanostructured Q-Carbon: Implications for Potential Spintronic Devices. <i>ACS Applied Nano Materials</i> , 2018, 1, 807-819. | 2.4 | 46 |
| 49 | Synthesis and Characterization of Quenched and Crystalline Phases: Q-Carbon, Q-BN, Diamond and Phase-Pure c-BN. <i>Jom</i> , 2018, 70, 456-463. | 0.9 | 7 |
| 50 | Structural Evolution of Q-Carbon and Nanodiamonds. <i>Jom</i> , 2018, 70, 450-455. | 0.9 | 27 |
| 51 | Q-carbon harder than diamond. <i>MRS Communications</i> , 2018, 8, 428-436. | 0.8 | 36 |
| 52 | Large-area diamond thin film on Q-carbon coated crystalline sapphire by HFCVD. <i>Journal of Crystal Growth</i> , 2018, 504, 17-25. | 0.7 | 32 |
| 53 | An optimized sample preparation approach for atomic resolution in situ studies of thin films. <i>Microscopy Research and Technique</i> , 2018, 81, 1250-1256. | 1.2 | 8 |
| 54 | Enhanced mechanical properties of Q-carbon nanocomposites by nanosecond pulsed laser annealing. <i>Nanotechnology</i> , 2018, 29, 45LT02. | 1.3 | 34 |

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|----|---|-----|-----------|
| 55 | Stability of electron field emission in Q-carbon. MRS Communications, 2018, 8, 1343-1351. | 0.8 | 19 |
| 56 | Magnetic relaxation and three-dimensional critical fluctuations in B-doped Q-carbon a high-temperature superconductor. Nanoscale, 2018, 10, 12665-12673. | 2.8 | 6 |
| 57 | Progress in Q-carbon and related materials with extraordinary properties. Materials Research Letters, 2018, 6, 353-364. | 4.1 | 59 |
| 58 | Electrochromic effect in Q-carbon. Applied Physics Letters, 2018, 112, . | 1.5 | 10 |
| 59 | Oxygen Effect on the Properties of Epitaxial (110) $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ by Defect Engineering. ACS Applied Materials & Interfaces, 2018, 10, 21001-21008. | 4.0 | 19 |
| 60 | Undercooling driven growth of Q-carbon, diamond, and graphite. MRS Communications, 2018, 8, 533-540. | 0.8 | 29 |
| 61 | Fundamental Discovery of Q-Phases and Direct Conversion of Carbon into Diamond and h-BN into c-BN. Minerals, Metals and Materials Series, 2017, , 219-228. | 0.3 | 0 |
| 62 | High-Temperature Superconductivity in Boron-Doped Q-Carbon. ACS Nano, 2017, 11, 5351-5357. | 7.3 | 49 |
| 63 | Exchange bias in $\text{Ba}_{0.4}\text{Sr}_{0.6}\text{TiO}_3/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ heterostructures. AIP Advances, 2017, 7, . | 0.6 | 0 |
| 64 | Conversion of <i>p</i> -type to <i>n</i> -type reduced graphene oxide by laser annealing at room temperature and pressure. Journal of Applied Physics, 2017, 121, . | 1.1 | 55 |
| 65 | Room Temperature Growth of Epitaxial Titanium Nitride Films by Pulsed Laser Deposition. Crystal Growth and Design, 2017, 17, 6634-6640. | 1.4 | 27 |
| 66 | A novel high-temperature carbon-based superconductor: B-doped Q-carbon. Journal of Applied Physics, 2017, 122, . | 1.1 | 22 |
| 67 | Discovery of High-Temperature Superconductivity ($T_c = 55$ K) in B-Doped Q-Carbon. ACS Nano, 2017, 11, 11915-11922. | 7.3 | 60 |
| 68 | Novel synthesis and properties of pure and NV-doped nanodiamonds and other nanostructures. Materials Research Letters, 2017, 5, 242-250. | 4.1 | 22 |
| 69 | Discovery of Q-BN and Direct Conversion of h-BN into c-BN and Formation of Epitaxial c-BN/Diamond Heterostructures. MRS Advances, 2016, 1, 2573-2584. | 0.5 | 2 |
| 70 | Thin film bi-epitaxy and transition characteristics of TiO_2/TiN buffered VO_2 on Si(100) substrates. MRS Advances, 2016, 1, 2635-2640. | 0.5 | 6 |
| 71 | Diamagnetism to ferromagnetism in Sr-substituted epitaxial BaTiO_3 thin films. Applied Physics Letters, 2016, 108, . | 1.5 | 8 |
| 72 | Research Update: Direct conversion of h-BN into pure c-BN at ambient temperatures and pressures in air. APL Materials, 2016, 4, . | 2.2 | 34 |

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|----|---|-----|-----------|
| 73 | Multi-frequency ferromagnetic resonance investigation of nickel nanocubes encapsulated in diamagnetic magnesium oxide matrix. Journal of Applied Physics, 2016, 120, . | 1.1 | 3 |
| 74 | Stabilizing new bismuth compounds in thin film form. Journal of Materials Research, 2016, 31, 3530-3537. | 1.2 | 8 |
| 75 | Multifunctional epitaxial systems on silicon substrates. Applied Physics Reviews, 2016, 3, 031301. | 5.5 | 30 |
| 76 | Wafer scale integration of reduced graphene oxide by novel laser processing at room temperature in air. Journal of Applied Physics, 2016, 120, . | 1.1 | 21 |
| 77 | Direct conversion of h-BN into c-BN and formation of epitaxial c-BN/diamond heterostructures. Journal of Applied Physics, 2016, 119, . | 1.1 | 31 |
| 78 | Defect mediated room temperature ferromagnetism and resistance minima study in epitaxial ZnGa _{0.002} Al _{0.02} O transparent conducting oxide films. Journal Physics D: Applied Physics, 2016, 49, 345302. | 1.3 | 2 |
| 79 | Mechanical properties of copper/bronze laminates: Role of interfaces. Acta Materialia, 2016, 116, 43-52. | 3.8 | 507 |
| 80 | Two-Dimensional Layered Oxide Structures Tailored by Self-Assembled Layer Stacking via Interfacial Strain. ACS Applied Materials & Interfaces, 2016, 8, 16845-16851. | 4.0 | 26 |
| 81 | Q-carbon discovery and formation of single-crystal diamond nano- and microneedles and thin films. Materials Research Letters, 2016, 4, 118-126. | 4.1 | 22 |
| 82 | Structural, magnetic and magnetotransport properties of bi-epitaxial La _{0.7} Sr _{0.3} MnO ₃ (110) thin films integrated on Si (001). Acta Materialia, 2016, 106, 40-47. | 3.8 | 10 |
| 83 | Strain induced room temperature ferromagnetism in epitaxial magnesium oxide thin films. Journal of Applied Physics, 2015, 118, 165309. | 1.1 | 7 |
| 84 | Novel phase of carbon, ferromagnetism, and conversion into diamond. Journal of Applied Physics, 2015, 118, . | 1.1 | 133 |
| 85 | Research Update: Direct conversion of amorphous carbon into diamond at ambient pressures and temperatures in air. APL Materials, 2015, 3, . | 2.2 | 45 |
| 86 | Magnetic exchange coupling in bilayers of two epitaxial ferromagnetic oxides. Current Opinion in Solid State and Materials Science, 2015, 19, 301-304. | 5.6 | 4 |
| 87 | Room temperature ferromagnetism in epitaxial Cr ₂ O ₃ thin films grown on r-sapphire. Journal of Applied Physics, 2015, 117, 193907. | 1.1 | 19 |
| 88 | Dependence of Semiconductor to Metal Transition of VO_2(011)/NiO{100}/MgO{100}/TiN{100}/Si{100} Heterostructures on Thin Film Epitaxy and Nature of Strain. Journal of the American Ceramic Society, 2015, 98, 1201-1208. | 1.9 | 8 |
| 89 | Integration and structural analysis of strain relaxed bi-epitaxial zinc oxide(0001) thin film with silicon(100) using titanium nitride buffer layer. Journal of Applied Physics, 2014, 115, 043513. | 1.1 | 3 |
| 90 | Structural and resistance switching properties of epitaxial Pt/ZnO/TiN/Si(001) heterostructures. Journal of Applied Physics, 2014, 115, . | 1.1 | 5 |

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| 91 | Strain induced ferromagnetism in epitaxial Cr ₂ O ₃ thin films integrated on Si(001). Applied Physics Letters, 2014, 105, . | 1.5 | 33 |
| 92 | Ga and Al doped zinc oxide thin films for transparent conducting oxide applications: Structure-property correlations. Journal of Applied Physics, 2014, 115, 023705. | 1.1 | 7 |
| 93 | Ferroelectric and ferromagnetic properties in BaTiO ₃ thin films on Si (100). Journal of Applied Physics, 2014, 116, . | 1.1 | 24 |
| 94 | Thermal Misfit Strain Relaxation in Ge/(001)Si Heterostructures. Journal of Electronic Materials, 2014, 43, 3196-3203. | 1.0 | 2 |
| 95 | Defect Characterization in Ge/(001)Si Epitaxial Films Grown by Reduced-Pressure Chemical Vapor Deposition. Journal of Electronic Materials, 2013, 42, 2888-2896. | 1.0 | 6 |
| 96 | Poisson Ratio of Epitaxial Germanium Films Grown on Silicon. Journal of Electronic Materials, 2013, 42, 40-46. | 1.0 | 11 |
| 97 | A New Class of Room-Temperature Multiferroic Thin Films with Bismuth-Based Supercell Structure. Advanced Materials, 2013, 25, 1028-1032. | 11.1 | 78 |
| 98 | Deposition and characterization of nanostructured Cu ₂ O thin-film for potential photovoltaic applications. Journal of Materials Research, 2013, 28, 1740-1746. | 1.2 | 31 |
| 99 | Research Updates: Epitaxial strain relaxation and associated interfacial reconstructions: The driving force for creating new structures with integrated functionality. APL Materials, 2013, 1, . | 2.2 | 29 |
| 100 | Controlled p-type to n-type conductivity transformation in NiO thin films by ultraviolet-laser irradiation. Journal of Applied Physics, 2012, 111, . | 1.1 | 76 |
| 101 | Thin film epitaxy and near bulk semiconductor to metal transition in VO ₂ /NiO/YSZ/Si(001) heterostructures. Journal of Materials Research, 2012, 27, 3103-3109. | 1.2 | 15 |
| 102 | Defect-mediated ferromagnetism and controlled switching characteristics in ZnO. Journal of Materials Research, 2011, 26, 1298-1308. | 1.2 | 21 |
| 103 | Control of room-temperature defect-mediated ferromagnetism in VO ₂ films. Acta Materialia, 2011, 59, 6362-6368. | 3.8 | 17 |
| 104 | VO ₂ thin films: Defect mediation in room temperature ferromagnetic switching characteristics. Jom, 2011, 63, 29-33. | 0.9 | 35 |
| 105 | Electronic excitation induced controlled modifications of semiconductor-to-metal transition in epitaxial VO ₂ thin films. Journal of Materials Research, 2011, 26, 2901-2906. | 1.2 | 41 |
| 106 | Mott transition in Ga-doped Mg _x Zn _{1-x} O: A direct observation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 171, 90-92. | 1.7 | 4 |
| 107 | Near bulk semiconductor to metal transition in epitaxial VO ₂ thin films. Applied Physics Letters, 2010, 97, 151912. | 1.5 | 55 |
| 108 | High work function (p-type NiO _{1+x})/Zn _{0.95} Ga _{0.05} O heterostructures for transparent conducting oxides. Journal Physics D: Applied Physics, 2010, 43, 105301. | 1.3 | 15 |

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| 109 | Effect of annealing on atomic ordering of amorphous ZrTaTiNbSi alloy. Applied Physics Letters, 2009, 95, 241905. | 1.5 | 15 |
| 110 | Raman studies of GaN/sapphire thin film heterostructures. Journal of Applied Physics, 2009, 106, . | 1.1 | 68 |
| 111 | Integration of VO ₂ Thin Films on Si(100) for Thermal Switching Devices Applications. Materials Research Society Symposia Proceedings, 2009, 1174, 19. | 0.1 | 2 |
| 112 | Optical and electrical properties of bandgap engineered gallium-doped films. Solid State Communications, 2009, 149, 1670-1673. | 0.9 | 21 |
| 113 | Defect-mediated room temperature ferromagnetism in vanadium dioxide thin films. Applied Physics Letters, 2009, 95, . | 1.5 | 39 |
| 114 | Magnetic and Electronic Properties of n-type (Al,Ga) co-doped Zn(Cu)O based Dilute Magnetic Semiconductors. Materials Research Society Symposia Proceedings, 2007, 999, 1. | 0.1 | 0 |
| 115 | Critical size for defects in nanostructured materials. Journal of Applied Physics, 2006, 100, 034309. | 1.1 | 19 |
| 116 | Co-doped ZnO dilute magnetic semiconductor. Journal of Electronic Materials, 2006, 35, 852-856. | 1.0 | 27 |
| 117 | Growth and Characterization of Mg _{0.15} Zn _{0.85} O Thin Films by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 2006, 957, 1. | 0.1 | 0 |
| 118 | Microstructure and Electrical Property Correlations in Ga:ZnO Transparent Conducting Thin Films. Materials Research Society Symposia Proceedings, 2006, 957, 1. | 0.1 | 0 |
| 119 | Epitaxial growth of zinc oxide thin films on silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 117, 348-354. | 1.7 | 42 |
| 120 | New frontiers in thin film growth and nanomaterials. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2005, 36, 277-294. | 1.1 | 8 |
| 121 | New frontiers in thin film growth and nanomaterials. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2005, 36, 5-22. | 1.0 | 14 |
| 122 | Epitaxial Growth Of Nickel Nanocrystals By Domain Matching Epitaxy. Materials Research Society Symposia Proceedings, 2005, 877, 1. | 0.1 | 0 |
| 123 | The Effect of Interfacial Layers on High-Performance Gate Dielectrics Processed by RTP-ALD. Journal of the Electrochemical Society, 2004, 151, G507. | 1.3 | 7 |
| 124 | The Local Electronic structure at Grain Boundaries and Hetero- Interfaces in ZnO Thin Films Grown by Laser Deposition.. Materials Research Society Symposia Proceedings, 2002, 727, 1. | 0.1 | 2 |
| 125 | Structural and Electrical Properties of Colossal Magnetoresistive LSMO Thin Films Prepared by KrF Laser Ablation Method. Materials Research Society Symposia Proceedings, 2001, 666, 331. | 0.1 | 2 |
| 126 | Origins of stored enthalpy in cryomilled nanocrystalline Zn. Journal of Materials Research, 2001, 16, 3485-3495. | 1.2 | 16 |

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|-----|---|-----|-----------|
| 127 | On the grain size softening in nanocrystalline materials. Scripta Materialia, 2000, 42, 1025-1030. | 2.6 | 362 |
| 128 | Ferroelectric and Colossal Magneto-resistive Properties of a PbZr _{1-x} Ti _x O ₃ /La _{1-x} Sr _x MnO ₃ Heterostructure Film. Japanese Journal of Applied Physics, 2000, 39, 5418-5420. | 0.8 | 11 |
| 129 | Combustion for the Synthesis of β -SiC and Diamond/SiC Composite. Materials Research Society Symposia Proceedings, 1993, 327, 221. | 0.1 | 1 |
| 130 | Mechanisms of Improvement of Fracture Strength in Laser-Surface-Modified Ceramics. Journal of the American Ceramic Society, 1989, 72, 1185-1191. | 1.9 | 2 |
| 131 | Investigation of Mechanical Properties of Chemically Vapor Infiltrated (CVI) Ceramic Matrix Composites. Ceramic Engineering and Science Proceedings, 0, , 281-291. | 0.1 | 6 |
| 132 | Effect of oxygen and fluorine plasma surface treatment of silicon-incorporated diamond-like carbon coatings on cellular responses of mouse fibroblasts. International Journal of Applied Ceramic Technology, 0, , . | 1.1 | 0 |