

Wenxian X Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4543192/publications.pdf>

Version: 2024-02-01

149
papers

3,628
citations

101543

36
h-index

175258

52
g-index

151
all docs

151
docs citations

151
times ranked

4148
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Bifunctional water splitting enhancement by manipulating Mo-H bonding energy of transition Metal-Mo ₂ C heterostructure catalysts. <i>Chemical Engineering Journal</i> , 2022, 431, 134126. | 12.7 | 49 |
| 2 | U7Co 3d impurity energy level mediated photogenerated carriers transfer in Bi ₂ S ₃ /ZnS:Co/TiO ₂ photoanode. <i>Chemical Engineering Journal</i> , 2022, 433, 134458. | 12.7 | 8 |
| 3 | Electrocatalyst nanoarchitectonics with molybdenum-cobalt bimetallic alloy encapsulated in nitrogen-doped carbon for water splitting reaction. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164084. | 5.5 | 29 |
| 4 | <i>In situ</i> phase transition induced TM ²⁺ /MoC/Mo ₂ C (TM= Fe, Co, Ni, and Cu) heterostructure catalysts for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10493-10502. | 10.3 | 20 |
| 5 | Carbon-based bifunctional electrocatalysts for oxygen reduction and oxygen evolution reactions: Optimization strategies and mechanistic analysis. <i>Journal of Energy Chemistry</i> , 2022, 71, 234-265. | 12.9 | 78 |
| 6 | The effect of coordination environment on the activity and selectivity of single-atom catalysts. <i>Coordination Chemistry Reviews</i> , 2022, 461, 214493. | 18.8 | 91 |
| 7 | Metal-organic frameworks-derived nitrogen-doped carbon with anchored dual-phased phosphides as efficient electrocatalyst for overall water splitting. <i>Sustainable Materials and Technologies</i> , 2022, 32, e00421. | 3.3 | 6 |
| 8 | Mo-induced in-situ architecture of Ni _x Co _y P/Co ₂ P heterostructure nano-networks on nickel foam as bifunctional electrocatalysts for overall water splitting. <i>Sustainable Materials and Technologies</i> , 2022, 33, e00461. | 3.3 | 11 |
| 9 | Urchin-like cobalt hydroxide coupled with N-doped carbon dots hybrid for enhanced electrocatalytic water oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 127598. | 12.7 | 29 |
| 10 | Enhanced photoelectrochemical water-splitting performance with a hierarchical heterostructure: Co ₃ O ₄ nanodots anchored TiO ₂ @P-C ₃ N ₄ core-shell nanorod arrays. <i>Chemical Engineering Journal</i> , 2021, 404, 126458. | 12.7 | 56 |
| 11 | Progress on modification of microstructures and magnetic properties of Nd-Fe-B magnets by the grain boundary diffusion engineering. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 517, 167278. | 2.3 | 25 |
| 12 | FeS ₂ bridging function to enhance charge transfer between MoS ₂ and g-C ₃ N ₄ for efficient hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 421, 127804. | 12.7 | 51 |
| 13 | Coercivity enhancement in Dy-free HDDR Nd-Fe-B powders by the grain boundary diffusion of Zn. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 523, 167589. | 2.3 | 4 |
| 14 | Interfacial Charge Transport in 1D TiO ₂ Based Photoelectrodes for Photoelectrochemical Water Splitting. <i>Small</i> , 2021, 17, e1903378. | 10.0 | 102 |
| 15 | Surface and Interface Engineering: Molybdenum Carbide-Based Nanomaterials for Electrochemical Energy Conversion. <i>Small</i> , 2021, 17, e1903380. | 10.0 | 87 |
| 16 | Cobalt Chalcogenides/Cobalt Phosphides/Cobaltates with Hierarchical Nanostructures for Anode Materials of Lithium-Ion Batteries: Improving the Lithiation Environment. <i>Small</i> , 2021, 17, e1903418. | 10.0 | 30 |
| 17 | Integrating non-targeted metabolomics and toxicology networks to study the mechanism of Esculentoside A-induced hepatotoxicity in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-15. | 3.0 | 11 |
| 18 | Facile Fabrication of Hybrid Perovskite Single-Crystalline Photocathode for Photoelectrochemical Water Splitting. <i>Energy Technology</i> , 2021, 9, 2000965. | 3.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Improved electrochemical performances of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ modified by Graphene/V ₂ O ₅ co-coating. <i>Ceramics International</i> , 2021, 47, 21759-21768. | 4.8 | 12 |
| 20 | Enhancement of the electrochemical performances for LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ at high cut-off voltage by an effective dual-coating. <i>Ionics</i> , 2021, 27, 3239-3249. | 2.4 | 3 |
| 21 | Coating ultra-thin TiN layer onto LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode material by atomic layer deposition for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 888, 161594. | 5.5 | 20 |
| 22 | Porous Mn-doped cobalt phosphide nanosheets as highly active electrocatalysts for oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 425, 131642. | 12.7 | 71 |
| 23 | Hierarchical molybdenum phosphide coupled with carbon as a whole pH-range electrocatalyst for hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118196. | 20.2 | 142 |
| 24 | Concrete-like high sulfur content cathodes with enhanced electrochemical performance for lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2020, 42, 174-179. | 12.9 | 16 |
| 25 | Recent progress in thermal/environmental barrier coatings and their corrosion resistance. <i>Rare Metals</i> , 2020, 39, 498-512. | 7.1 | 58 |
| 26 | Anti-perovskite carbides and nitrides A ₃ BX: A new family of damage tolerant ceramics. <i>Journal of Materials Science and Technology</i> , 2020, 40, 64-71. | 10.7 | 15 |
| 27 | Modification of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ with a NaAlO ₂ coating produces a cathode with increased long-term cycling performance at a high voltage cutoff. <i>Ceramics International</i> , 2020, 46, 7625-7633. | 4.8 | 19 |
| 28 | 3D freestanding flower-like nickel-cobalt layered double hydroxides enriched with oxygen vacancies as efficient electrocatalysts for water oxidation. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00170. | 3.3 | 8 |
| 29 | Bridging metal-ion induced vertical growth of MoS ₂ and overall fast electron transfer in (C,P) ₃ N ₄ -M (Ni ²⁺ , Co ²⁺)-MoS ₂ electrocatalyst for efficient hydrogen evolution reaction. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00172. | 3.3 | 7 |
| 30 | High temperature mechanical and thermal properties of CaxBa _{1-x} ZrO ₃ solid solutions. <i>Ceramics International</i> , 2020, 46, 17416-17422. | 4.8 | 5 |
| 31 | Zinc interstitial and oxygen vacancy mediated high Curie-temperature ferromagnetism in Ag-doped ZnO. <i>Ceramics International</i> , 2020, 46, 18639-18647. | 4.8 | 25 |
| 32 | Donor-acceptor codoping effects on tuned visible light response of TiO ₂ . <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104168. | 6.7 | 12 |
| 33 | Functionalised hexagonal boron nitride for energy conversion and storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14384-14399. | 10.3 | 96 |
| 34 | Atomic layer deposition for improved lithiophilicity and solid electrolyte interface stability during lithium plating. <i>Energy Storage Materials</i> , 2020, 28, 17-26. | 18.0 | 47 |
| 35 | Carbon-Coating Layers on Boron Generated High Critical Current Density in MgB ₂ Superconductor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8563-8572. | 8.0 | 10 |
| 36 | Single-layered GO/LDH hybrid nanoporous membranes with improved stability for salt and organic molecules rejection. <i>Journal of Membrane Science</i> , 2020, 607, 118184. | 8.2 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Research Progress of Electromagnetic Properties of MgB ₂ Induced by Carbon-Containing Materials Addition and Process Techniques. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 471-489. | 2.9 | 6 |
| 38 | Uniform Li Deposition Sites Provided by Atomic Layer Deposition for the Dendrite-free Lithium Metal Anode. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19530-19538. | 8.0 | 30 |
| 39 | Al-doped ZnO (AZO) modified LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ and their performance as cathode material for lithium ion batteries. <i>Materials Chemistry and Physics</i> , 2020, 251, 123085. | 4.0 | 24 |
| 40 | Nanomagnetism variation with fluorine content in Co(OH)F. <i>Journal of Alloys and Compounds</i> , 2020, 825, 153916. | 5.5 | 5 |
| 41 | Improvement in the cycling stability and rate capability of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ cathode material via the use of a Ta ₂ O ₅ coating. <i>Ceramics International</i> , 2020, 46, 14931-14939. | 4.8 | 18 |
| 42 | Magnetic Responsive MnO ₂ Nanomaterials. <i>Springer Series in Materials Science</i> , 2020, , 139-163. | 0.6 | 0 |
| 43 | Rare earth doping effects on superconducting properties of MgB ₂ : A review. <i>Journal of Rare Earths</i> , 2019, 37, 124-133. | 4.8 | 21 |
| 44 | Bifunctional iron nickel phosphide nanocatalysts supported on porous carbon for highly efficient overall water splitting. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00117. | 3.3 | 21 |
| 45 | Study on the high magnetic field processed ZnO based diluted magnetic semiconductors. <i>Ceramics International</i> , 2019, 45, 19583-19595. | 4.8 | 17 |
| 46 | Artificial 2D Flux Pinning Centers in MgB ₂ Induced by Graphitic-Carbon Nitride Coated on Boron for Superconductor Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 5399-5408. | 5.0 | 6 |
| 47 | Microstructure and property evolution of diamond-like carbon films co-doped by Al and Ti with different ratios. <i>Surface and Coatings Technology</i> , 2019, 361, 83-90. | 4.8 | 31 |
| 48 | Room Temperature Ferromagnetism Enhanced in Al-Doped ZnO by Pulsed Magnetic Field Processing. <i>Crystal Research and Technology</i> , 2019, 54, 1800223. | 1.3 | 1 |
| 49 | Metal-ion bridged high conductive RGO-M-MoS ₂ (M = Fe ³⁺ , Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺) composite electrocatalysts for photo-assisted hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 129-139. | 20.2 | 63 |
| 50 | Cobalt Oxide Supported on Phosphorus-Doped g-C ₃ N ₄ as an Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 4718-4729. | 5.1 | 62 |
| 51 | Cobalt porphyrin (CoTCPP) advanced visible light response of g-C ₃ N ₄ nanosheets. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00114. | 3.3 | 9 |
| 52 | Beyond Seashells: Bioinspired 2D Photonic and Photoelectronic Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1901460. | 14.9 | 78 |
| 53 | Structural, ferromagnetic, and optical properties of Fe and Al co-doped ZnO diluted magnetic semiconductor nanoparticles synthesized under high magnetic field. <i>Advances in Manufacturing</i> , 2019, 7, 248-255. | 6.1 | 10 |
| 54 | Recent advances in high energy-density cathode materials for sodium-ion batteries. <i>Sustainable Materials and Technologies</i> , 2019, 21, e00098. | 3.3 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Enhancement of ferromagnetic properties in (Fe, Ni) co-doped ZnO flowers by pulsed magnetic field processing. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8226. | 2.2 | 4 |
| 56 | Extrinsic Two-Dimensional Flux Pinning Centers in MgB ₂ Superconductors Induced by Graphene-Coated Boron. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10818-10828. | 8.0 | 18 |
| 57 | LiFePO ₄ /(C+Cu) composite with excellent cycling stability as lithium ion battery cathodes synthesized via a modified carbothermal reduction method. <i>Ceramics International</i> , 2018, 44, 12106-12111. | 4.8 | 12 |
| 58 | Crystal Facet Effects on Nanomagnetism of Co ₃ O ₄ . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19235-19247. | 8.0 | 47 |
| 59 | Accordion-like nanoporous carbon derived from Al-MOF as advanced anode material for sodium ion batteries. <i>Microporous and Mesoporous Materials</i> , 2018, 270, 67-74. | 4.4 | 22 |
| 60 | Ferromagnetic coupling of Fe ³⁺ -VO-Fe ³⁺ polarons in Fe-doped ZnO. <i>Ceramics International</i> , 2018, 44, 71-75. | 4.8 | 13 |
| 61 | Magnetic coupling in Mn ₃ O ₄ -coated $\hat{1}^3$ -MnOOH nanowires. <i>Surface Innovations</i> , 2018, 6, 250-257. | 2.3 | 3 |
| 62 | Oxygen vacancy induced ferromagnetism in Cu-doped ZnO. <i>Ceramics International</i> , 2017, 43, 3166-3170. | 4.8 | 75 |
| 63 | Solvothermal Synthesis of a Hollow Micro-Sphere LiFePO ₄ /C Composite with a Porous Interior Structure as a Cathode Material for Lithium Ion Batteries. <i>Nanomaterials</i> , 2017, 7, 368. | 4.1 | 11 |
| 64 | Magnetic Characterization of Nanodendritic Platinum. , 2017, , 431-456. | | 0 |
| 65 | A facile synthesis of core-shell structured ZnO@C nanosphere and their high performance for lithium ion battery anode. <i>Materials Letters</i> , 2016, 171, 244-247. | 2.6 | 36 |
| 66 | LiFePO ₄ /C nanocomposite synthesized by a novel carbothermal reduction method and its electrochemical performance. <i>Ceramics International</i> , 2016, 42, 11422-11428. | 4.8 | 20 |
| 67 | Photocatalytic properties of TiO ₂ : Effect of niobium and oxygen activity on partial water oxidation. <i>Applied Catalysis B: Environmental</i> , 2016, 198, 243-253. | 20.2 | 37 |
| 68 | Manipulating coupling state and magnetism of Mn-doped ZnO nanocrystals by changing the coordination environment of Mn via hydrogen annealing. <i>Chinese Physics B</i> , 2016, 25, 017301. | 1.4 | 4 |
| 69 | Effect of oxygen vacancy induced by pulsed magnetic field on the room-temperature ferromagnetic Ni-doped ZnO synthesized by hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2016, 675, 286-291. | 5.5 | 44 |
| 70 | High Critical Current Density MgB ₂ . , 2015, , . | | 1 |
| 71 | Fish-scale bio-inspired multifunctional ZnO nanostructures. <i>NPG Asia Materials</i> , 2015, 7, e232-e232. | 7.9 | 56 |
| 72 | Photocatalytic Properties of TiO ₂ : Evidence of the Key Role of Surface Active Sites in Water Oxidation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9465-9473. | 2.5 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Underwater Self-Cleaning Scaly Fabric Membrane for Oily Water Separation. ACS Applied Materials & Interfaces, 2015, 7, 4336-4343. | 8.0 | 113 |
| 74 | Microscopic unravelling of nano-carbon doping in MgB ₂ superconductors fabricated by diffusion method. Journal of Alloys and Compounds, 2015, 644, 900-905. | 5.5 | 17 |
| 75 | Nano-sized LiFePO ₄ /C composite with core-shell structure as cathode material for lithium ion battery. Electrochimica Acta, 2015, 176, 689-693. | 5.2 | 38 |
| 76 | Enhancement of zinc vacancies in room-temperature ferromagnetic Cr ²⁺ /Mn codoped ZnO nanorods synthesized by hydrothermal method under high pulsed magnetic field. Journal of Alloys and Compounds, 2015, 647, 823-829. | 5.5 | 21 |
| 77 | Visible-Light Photocatalytic Activity of S-Doped Bi ₂ O ₃ . Journal of Physical Chemistry C, 2015, 119, 14094-14101. | 3.1 | 56 |
| 78 | Characterisation of nano-grains in MgB ₂ superconductors by transmission Kikuchi diffraction. Scripta Materialia, 2015, 101, 36-39. | 5.2 | 15 |
| 79 | Effect of oxygen activity on semiconducting properties of TiO ₂ (rutile). Ionics, 2015, 21, 1399-1406. | 2.4 | 5 |
| 80 | Performance modulation of MnO ₂ nanowires by crystal facet engineering. Scientific Reports, 2015, 5, 8987. | 3.3 | 88 |
| 81 | Transition metal-doped ZnO diluted magnetic semiconductors tuned by high pulsed magnetic field. , 2015, , . | | 0 |
| 82 | Rapid microwave-assisted synthesis of various MnO ₂ nanostructures and their magnetic properties. Materials Chemistry and Physics, 2015, 166, 42-48. | 4.0 | 13 |
| 83 | Enhancement of critical current of SiC and malic acid codoped MgB ₂ -Fe wires. International Journal of Modern Physics B, 2015, 29, 1542032. | 2.0 | 5 |
| 84 | Influence of electronic structures of doped TiO ₂ on their photocatalysis. Physica Status Solidi - Rapid Research Letters, 2015, 9, 10-27. | 2.4 | 49 |
| 85 | A Time Series Observation of Chinese Children Undergoing Rigid Bronchoscopy for an Inhaled Foreign Body. Chinese Medical Journal, 2015, 128, 504-509. | 2.3 | 22 |
| 86 | Configuration-induced vortex motion in type-II superconducting films with periodic magnetic dot arrays. Superconductor Science and Technology, 2014, 27, 065004. | 3.5 | 2 |
| 87 | Phototunable Underwater Oil Adhesion of Micro/Nanoscale Hierarchical Structured ZnO Mesh Films with Switchable Contact Mode. Advanced Functional Materials, 2014, 24, 536-542. | 14.9 | 67 |
| 88 | Concentration of electrons at grain boundaries in TiO ₂ (rutile): Impact on charge transport and reactivity. Catalysis Today, 2014, 224, 200-208. | 4.4 | 12 |
| 89 | Patterned liquid permeation through the TiO ₂ nanotube array coated Ti mesh by photoelectric cooperation for liquid printing. Journal of Materials Chemistry A, 2014, 2, 2498. | 10.3 | 8 |
| 90 | On the roles of graphene oxide doping for enhanced supercurrent in MgB ₂ based superconductors. Nanoscale, 2014, 6, 6166-6172. | 5.6 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Photoelectric cooperative patterning of liquid permeation on the micro/nano hierarchically structured mesh film with low adhesion. <i>Nanoscale</i> , 2014, 6, 12822-12827. | 5.6 | 27 |
| 92 | Platinum dendritic nanoparticles with magnetic behavior. <i>Journal of Applied Physics</i> , 2014, 116, . | 2.5 | 18 |
| 93 | Uncoupled surface spin induced exchange bias in $\hat{\pm}$ -MnO ₂ nanowires. <i>Scientific Reports</i> , 2014, 4, 6641. | 3.3 | 39 |
| 94 | Graphene Micro-Substrate Induced High Electron-Phonon Coupling in MgB_2 . <i>IEEE Transactions on Applied Superconductivity</i> , 2013, 23, 7000104-7000104. | 1.7 | 16 |
| 95 | The variation of Mn-dopant distribution state with x and its effect on the magnetic coupling mechanism in Zn $1\hat{\sim}$ x Mn x O nanocrystals. <i>Chinese Physics B</i> , 2013, 22, 107501. | 1.4 | 4 |
| 96 | Effect of Sintering Temperature on the Superconducting Properties of Graphene Doped MgB_2 . <i>IEEE Transactions on Applied Superconductivity</i> , 2013, 23, 7100604-7100604. | 1.7 | 19 |
| 97 | A significant improvement in both low- and high-field performance of MgB ₂ superconductors through graphene oxide doping. <i>Scripta Materialia</i> , 2013, 69, 437-440. | 5.2 | 22 |
| 98 | Magnetotransport dependence on the field magnitude and direction in large area epitaxial graphene film on stretchable substrates. <i>Applied Physics Letters</i> , 2013, 102, . | 3.3 | 4 |
| 99 | Enhancing the Superconducting Properties of Magnesium Diboride Without Doping. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2893-2897. | 3.8 | 5 |
| 100 | Dependence of magnetoelectric properties on sintering temperature for nano-SiC-doped MgB ₂ /Fe wires made by combined in situ/ex situ process. <i>Journal of Applied Physics</i> , 2012, 111, 07E135. | 2.5 | 11 |
| 101 | Magnetic and superconducting properties of spin-fluctuation-limited superconducting nanoscale VN _x . <i>Journal of Applied Physics</i> , 2012, 111, . | 2.5 | 0 |
| 102 | The Effects of Graphene Doping on the In-Field J_c of MgB ₂ Wires. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 1402-1405. | 0.9 | 6 |
| 103 | Chemically induced electric field: flat band potential engineering. , 2012, , . | | 0 |
| 104 | The effect of reduced graphene oxide addition on the superconductivity of MgB ₂ . <i>Journal of Materials Chemistry</i> , 2012, 22, 13941. | 6.7 | 43 |
| 105 | Structural control of d-f interaction in the CeFe $1\hat{\sim}$ x Ru _x AsO system. <i>Europhysics Letters</i> , 2012, 99, 57009. | 2.0 | 8 |
| 106 | Magnetoelectric properties of MgB ₂ superconductor by SiC doping. , 2011, , . | | 0 |
| 107 | Graphene $\hat{\sim}$ V ₂ O ₅ $\hat{\sim}$ nH ₂ O xerogel composite cathodes for lithium ion batteries. <i>RSC Advances</i> , 2011, 1, 690. | 3.6 | 84 |
| 108 | Effect of thermal strain on J_c and T_c in high density nano-SiC doped MgB ₂ . <i>Journal of Applied Physics</i> , 2011, 109, . | 2.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Evaluation of carbon incorporation and strain of doped MgB2 superconductor by Raman spectroscopy. Scripta Materialia, 2011, 64, 323-326. | 5.2 | 9 |
| 110 | Flux pinning mechanisms in graphene-doped MgB2 superconductors. Scripta Materialia, 2011, 65, 634-637. | 5.2 | 39 |
| 111 | Graphene micro-substrate-induced π gap expansion in MgB2. Acta Materialia, 2011, 59, 7268-7276. | 7.9 | 17 |
| 112 | Direct Observation of Local Potassium Variation and Its Correlation to Electronic Inhomogeneity in $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$. Physical Review Letters, 2011, 106, 247002. | 7.8 | 48 |
| 113 | Improving Superconducting Properties of MgB_2 by Graphene Doping. IEEE Transactions on Applied Superconductivity, 2011, 21, 2686-2689. | 1.7 | 26 |
| 114 | The effects of size and orientation on magnetic properties and exchange bias in Co_3O_4 mesoporous nanowires. Journal of Applied Physics, 2011, 109, . | 2.5 | 18 |
| 115 | Evolution of Electromagnetic Properties and Microstructure With Sintering Temperature for MgB_2/Fe Wires Made by Combined In-Situ/Ex-Situ Process. IEEE Transactions on Applied Superconductivity, 2011, 21, 2635-2638. | 1.7 | 8 |
| 116 | Raman Spectroscopy: Alternate Method for Strain and Carbon Substitution Study in MgB_2 . IEEE Transactions on Applied Superconductivity, 2011, 21, 2623-2626. | 1.7 | 1 |
| 117 | Prevalence and clinical significance of 15 autoantibodies in patients with new-onset systemic lupus erythematosus. Irish Journal of Medical Science, 2010, 179, 623-627. | 1.5 | 3 |
| 118 | Dependence of superconducting properties on lattice strain in MgB2. Physica C: Superconductivity and Its Applications, 2010, 470, S629-S630. | 1.2 | 3 |
| 119 | Effects of ball-mill processing on the superconductivity of sucrose doped MgB2. Physica C: Superconductivity and Its Applications, 2010, 470, S710-S711. | 1.2 | 3 |
| 120 | The mechanism of T_c performance for Zn doped MgB2 sintered in magnetic field. Physica C: Superconductivity and Its Applications, 2010, 470, S644-S645. | 1.2 | 1 |
| 121 | Synthesis and characteristics of MgB2 bulks with different densities. Physica C: Superconductivity and Its Applications, 2010, 470, S669-S670. | 1.2 | 5 |
| 122 | Stress evolution and lattice distortion induced by thickness variation and lattice misfit in $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ films. Solid State Communications, 2010, 150, 66-69. | 1.9 | 11 |
| 123 | (00l)-oriented $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$ and $\text{Ca}_3\text{Co}_4\text{O}_9$ films: Self-assembly orientation and growth mechanism by chemical solution deposition. Acta Materialia, 2010, 58, 4281-4291. | 7.9 | 47 |
| 124 | Effect of Mg/B ratio on the superconductivity of MgB_2 with SiC addition. Physical Review B, 2010, 81, . | 3.2 | 10 |
| 125 | Magnetic scattering effects in two-band superconductor: the ferromagnetic dopants in MgB_2 . Journal of Physics Condensed Matter, 2010, 22, 135701. | 1.8 | 10 |
| 126 | Three first order magnetic phase transitions in re-entrant ferromagnet $\text{PrMn}_{1.4}\text{Fe}_{0.6}\text{Ge}_2$. Journal of Alloys and Compounds, 2010, 505, L38-L42. | 5.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Magnetic properties and magnetocaloric effect of $(\text{Mn}_{1-x}\text{Ni}_x)_3\text{Sn}_2$ ($x=0\text{--}0.5$) compounds. Journal of Applied Physics, 2009, 105, . | 2.5 | 9 |
| 128 | T_c ENHANCEMENT FOR NANO-SiC DOPED MgB_2 SUPERCONDUCTORS SINTERED IN 5T PULSED MAGNETIC FIELD. International Journal of Modern Physics B, 2009, 23, 3482-3485. | 2.0 | 2 |
| 129 | HIGH CRITICAL CURRENT DENSITY OF MgB_2 BULKS SINTERED IN FLOWING WELDING GRADE Ar ATMOSPHERE. International Journal of Modern Physics B, 2009, 23, 3538-3541. | 2.0 | 1 |
| 130 | The combined influence of connectivity and disorder on J_c and T_c performances in $\text{MgxB}_2+10\text{wt}\% \text{SiC}$. Journal of Applied Physics, 2009, 106, 093906. | 2.5 | 16 |
| 131 | Improved superconducting properties of in situ powder-in-tube processed wires with nano-size SiC addition. Physica C: Superconductivity and Its Applications, 2009, 469, 1519-1522. | 1.2 | 6 |
| 132 | Synthesis, crystal structure and magnetic properties of a cyanide-bridged FeII-MnIII bimetallic chain based on $[\text{Fe}(\text{bipy})(\text{CN})_4]^{+}$ building block. Journal of Molecular Structure, 2009, 921, 341-345. | 3.6 | 6 |
| 133 | Thermal-strain-induced enhancement of electromagnetic properties of SiC-MgB ₂ composites. Applied Physics Letters, 2009, 94, 042510. | 3.3 | 40 |
| 134 | Increased Superconductivity for CNT Doped MgB_2 Sintered in 5T Pulsed Magnetic Field. IEEE Transactions on Applied Superconductivity, 2009, 19, 2752-2755. | 1.7 | 3 |
| 135 | Stress/Strain Induced Flux Pinning in Highly Dense MgB_2 Bulks. IEEE Transactions on Applied Superconductivity, 2009, 19, 2722-2725. | 1.7 | 6 |
| 136 | Optimization of Nominal Mixing Ratio of Mg to B in Fabrication of Magnesium Diboride Bulk. IEEE Transactions on Applied Superconductivity, 2009, 19, 2775-2779. | 1.7 | 1 |
| 137 | HYDROTHERMAL SYNTHESIS OF ZnO NANOSTRUCTURES UNDER HIGH PULSED MAGNETIC FIELD. International Journal of Modern Physics B, 2009, 23, 3655-3659. | 2.0 | 6 |
| 138 | Electron-phonon coupling properties in MgB_2 observed by Raman scattering. Journal of Physics Condensed Matter, 2008, 20, 255235. | 1.8 | 23 |
| 139 | Raman study of element doping effects on the superconductivity of MgB_2 . Physical Review B, 2008, 77, . | 3.2 | 48 |
| 140 | Excess Mg addition MgB_2/Fe wires with enhanced critical current density. Journal of Applied Physics, 2008, 103, 083911. | 2.5 | 16 |
| 141 | Raman study on the effects of sintering temperature on the $J_c(H)$ performance of MgB_2 superconductor. Journal of Applied Physics, 2008, 103, 013511. | 2.5 | 20 |
| 142 | Improvement of J_c and H_{c2} in MgB_2 superconductor with citric acid addition. Journal of Physics: Conference Series, 2008, 97, 012215. | 0.4 | 1 |
| 143 | Significant improvement in the critical current density of J_c in situ MgB_2 by excess Mg addition. Superconductor Science and Technology, 2007, 20, L43-L47. | 3.5 | 34 |
| 144 | Benzoic Acid Doping to Enhance Electromagnetic Properties of MgB_2 Superconductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 2778-2781. | 1.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Effect of magnetic field processing on the microstructure of micronsize Zn doped MgB ₂ . Physica C: Superconductivity and Its Applications, 2007, 460-462, 310-311. | 1.2 | 5 |
| 146 | Effect of magnetic field processing on the microstructure of carbon nanotubes doped MgB ₂ . Physica C: Superconductivity and Its Applications, 2007, 460-462, 570-571. | 1.2 | 13 |
| 147 | Magnetic field processing to enhance critical current densities of MgB ₂ superconductors. Applied Physics Letters, 2006, 89, 202504. | 3.3 | 25 |
| 148 | Superconducting Properties of Carbonaceous Chemical Doped MgB ₂ . , 0, , . | | 3 |
| 149 | Magnetic Ground State and Tunable Néel Temperature in the Spin $\hat{S}=1/2$ Linear Chain Antiferromagnet Co(OH) (2 \times x) F x. Physica Status Solidi (B): Basic Research, 0, , 2100438. | 1.5 | 1 |