# Weichang Hao

List of Publications by Year
in descending order

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|---|---|---|---|
| 155<br>papers | 7,646<br>citations | 61945<br>43<br>h-index | 56687<br>83<br>g-index |
| 155<br>all docs | 155<br>docs citations | 155<br>times ranked | 9635<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Epitaxial growth of bilayer Bi(110) on two-dimensional ferromagnetic Fe<sub>3</sub>GeTe<sub>2</sub>. Journal of Physics Condensed Matter, 2022, 34, 074003. | 0.7 | 5 |
| 2 | First-principles study on the electronic structures and diffusion behaviors of intrinsic defects in BiOCl. Computational Materials Science, 2022, 203, 111088. | 1.4 | 6 |
| 3 | Large-Gap Quantum Spin Hall State and Temperature-Induced Lifshitz Transition in Bi<sub>4</sub>Br<sub>4</sub>. ACS Nano, 2022, 16, 3036-3044. | 7.3 | 17 |
| 4 | Metal cocatalyst mediated photocatalytic dehydrogenative-condensation and direct condensation cross-coupling of aniline and alcohol. Applied Catalysis B: Environmental, 2022, 309, 121264. | 10.8 | 14 |
| 5 | Roles of Cocatalysts on BiVO<sub>4</sub> Photoanodes for Photoelectrochemical Water Oxidation: A Minireview. Energy & Fuels, 2022, 36, 11394-11403. | 2.5 | 14 |
| 6 | Boosting Lightâ€Driven Photocatalytic Water Splitting of Bi<sub>4</sub>NbO<sub>8</sub>Br by Polarization Field. Solar Rrl, 2022, 6, . | 3.1 | 4 |
| 7 | Facet-dependent Electronic Quantum Diffusion in the High-Order Topological Insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Br</mml:mi><mml:mi><mml Physical Review Applied, 2022, 17, . | 4.6 | 6 |
| 8 | A novel Cl- modification approach to develop highly efficient photocatalytic oxygen evolution over BiVO4 with AQE of 34.6%. Nano Energy, 2021, 81, 105651. | 8.2 | 43 |
| 9 | Theoretical insights into nitrogen oxide activation on halogen defect-rich {001} facets of bismuth oxyhalide. Journal of Materials Science and Technology, 2021, 77, 217-222. | 5.6 | 6 |
| 10 | MoirÃ©â€Potentialâ€Induced Band Structure Engineering in Graphene and Silicene. Small, 2021, 17, e1903769. | 5.2 | 9 |
| 11 | Synthesis of magnetic coreâ€“shell iron nanochains for potential applications in Cr(VI) ion pollution treatment. Rare Metals, 2021, 40, 176-179. | 3.6 | 9 |
| 12 | Tuning the performance of nitrogen reduction reaction by balancing the reactivity of N2 and the desorption of NH3. Nano Research, 2021, 14, 4093-4099. | 5.8 | 27 |
| 13 | Ureaâ€Assisted Synthesis and Tailoring Cobalt Cores for Synergetic Promotion of Hydrogen Evolution Reaction in Acid and Alkaline Media. Advanced Energy and Sustainability Research, 2021, 2, 2000091. | 2.8 | 5 |
| 14 | The Synergistic Effect of Heteroatom Doping and Vacancy on The Reduction of CO<sub>2</sub> by Photocatalysts. ChemNanoMat, 2021, 7, 894-901. | 1.5 | 6 |
| 15 | Germanene Nanosheets: Achieving Superior Sodiumâ€Ion Storage via Pseudointercalation Reactions. Small Structures, 2021, 2, 2100041. | 6.9 | 20 |
| 16 | Kondo Holes in the Two-Dimensional Itinerant Ising Ferromagnet Fe<sub>3</sub>GeTe<sub>2</sub>. Nano Letters, 2021, 21, 6117-6123. | 4.5 | 23 |
| 17 | Epitaxial Growth of Quasi-One-Dimensional Bismuth-Halide Chains with Atomically Sharp Topological Non-Trivial Edge States. ACS Nano, 2021, 15, 14850-14857. | 7.3 | 12 |
| 18 | Recent Progress on 2D Kagome Magnets: Binary T<sub>m</sub>Sn<sub>n</sub> (T = Fe,) Tj ETQq0 0 0 rgBT /Overlock 1 | 1.8 | 13 |

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| 19 | Unveiling the activity origin of ultrathin BiOCl nanosheets for photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2021, 299, 120679. | 10.8 | 77 |
| 20 | Enhancing the macroscopic polarization of CdS for piezo-photocatalytic water splitting. Nano Energy, 2021, 90, 106635. | 8.2 | 77 |
| 21 | Sulfurized Polyacrylonitrile as a High-Performance and Low-Volume Change Anode for Robust Potassium Storage. ACS Nano, 2021, 15, 18419-18428. | 7.3 | 17 |
| 22 | Electric-Field-Driven Negative Differential Conductance in 2D van der Waals Ferromagnet Fe<sub>3</sub>GeTe<sub>2</sub>. Nano Letters, 2021, 21, 9233-9239. | 4.5 | 10 |
| 23 | Promoted Photocharge Separation in 2D Lateral Epitaxial Heterostructure for Visibleâ€Lightâ€Driven CO<sub>2</sub> Photoreduction. Advanced Materials, 2020, 32, e2004311. | 11.1 | 74 |
| 24 | Effect of Pd and Au on Hydrogen Abstraction and Câ€“C Cleavage in Photoconversion of Glycerol: Beyond Charge Separation. Journal of Physical Chemistry C, 2020, 124, 20320-20327. | 1.5 | 6 |
| 25 | Materializing efficient methanol oxidation via electron delocalization in nickel hydroxide nanoribbon. Nature Communications, 2020, 11, 4647. | 5.8 | 117 |
| 26 | Hydrogen Terminated Germanene for a Robust Selfâ€Powered Flexible Photoelectrochemical Photodetector. Small, 2020, 16, e2000283. | 5.2 | 58 |
| 27 | Supercritical CO<sub>2</sub>-constructed intralayer [Bi<sub>2</sub>O<sub>2</sub>]<sup>2+</sup> structural distortion for enhanced CO<sub>2</sub> electroreduction. Journal of Materials Chemistry A, 2020, 8, 13320-13327. | 5.2 | 29 |
| 28 | Controlled hydrogenation into defective interlayer bismuth oxychloride via vacancy engineering. Communications Chemistry, 2020, 3, . | 2.0 | 22 |
| 29 | Palladium forms Ohmic contact on hydrogen-terminated diamond down to 4â€‰K. Applied Physics Letters, 2020, 116, . | 1.5 | 14 |
| 30 | Efficient Ammonia Electrosynthesis from Nitrate on Strained Ruthenium Nanoclusters. Journal of the American Chemical Society, 2020, 142, 7036-7046. | 6.6 | 542 |
| 31 | In-situ grafting of N-doped carbon nanotubes with Ni encapsulation onto MOF-derived hierarchical hybrids for efficient electrocatalytic hydrogen evolution. Carbon, 2020, 163, 178-185. | 5.4 | 56 |
| 32 | Memristive devices based on 2D-BiOI nanosheets and their applications to neuromorphic computing. Applied Physics Letters, 2020, 116, . | 1.5 | 13 |
| 33 | Reversible Potassium Intercalation in Blue Phosphoreneâ€“Au Network Driven by an Electric Field. Journal of Physical Chemistry Letters, 2020, 11, 5584-5590. | 2.1 | 5 |
| 34 | Nanomagnetism variation with fluorine content in Co(OH)F. Journal of Alloys and Compounds, 2020, 825, 153916. | 2.8 | 5 |
| 35 | Two-Dimensional Van der Waals Heterostructures for Synergistically Improved Surface-Enhanced Raman Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 21985-21991. | 4.0 | 17 |
| 36 | The role of oxygen vacancies in the high cycling endurance and quantum conductance in BiVO<sub>4</sub>â€based resistive switching memory. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 960-967. | 8.5 | 21 |

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| 37 | BiOBr nanoflakes with strong Kerr nonlinearity towards hybrid integrated photonic devices. , 2020, , . | | 1 |
| 38 | Direct Observation of Oxygen Vacancy Selfâ€Healing on TiO<sub>2</sub> Photocatalysts for Solar Water Splitting. Angewandte Chemie, 2019, 131, 14367-14371. | 1.6 | 24 |
| 39 | Direct Observation of Oxygen Vacancy Selfâ€Healing on TiO<sub>2</sub> Photocatalysts for Solar Water Splitting. Angewandte Chemie - International Edition, 2019, 58, 14229-14233. | 7.2 | 138 |
| 40 | Evidence for the dynamic relaxation behavior of oxygen vacancies in Aurivillius Bi2MoO6 from dielectric spectroscopy during resistance switching. Journal of Materials Chemistry C, 2019, 7, 8915-8922. | 2.7 | 10 |
| 41 | A Boolean OR gate implemented with an optoelectronic switching memristor. Applied Physics Letters, 2019, 115, . | 1.5 | 20 |
| 42 | Highly nonlinear BiOBr nanoflakes for hybrid integrated photonics. APL Photonics, 2019, 4, . | 3.0 | 31 |
| 43 | Hierarchical Nanoassembly of MoS<sub>2</sub>/Co<sub>9</sub>S<sub>8</sub>/Ni<sub>3</sub>S<sub>2</sub>/Ni as a Highly Efficient Electrocatalyst for Overall Water Splitting in a Wide pH Range. Journal of the American Chemical Society, 2019, 141, 10417-10430. | 6.6 | 653 |
| 44 | Boosting NIR-driven photocatalytic water splitting by constructing 2D/3D epitaxial heterostructures. Journal of Materials Chemistry A, 2019, 7, 13629-13634. | 5.2 | 30 |
| 45 | Realization of Strained Stanene by Interface Engineering. Journal of Physical Chemistry Letters, 2019, 10, 1558-1565. | 2.1 | 25 |
| 46 | Two dimensional bismuth-based layered materials for energy-related applications. Energy Storage Materials, 2019, 19, 446-463. | 9.5 | 89 |
| 47 | Recent Progress on Twoâ€Dimensional Heterostructures for Catalytic, Optoelectronic, and Energy Applications. ChemElectroChem, 2019, 6, 2841-2851. | 1.7 | 18 |
| 48 | Photoelectrochemical properties of BiVO4 thin films with NaOH chemical treatment. Rare Metals, 2019, 38, 446-452. | 3.6 | 4 |
| 49 | A non-enzymatic photoelectrochemical glucose sensor based on BiVO4 electrode under visible light. Sensors and Actuators B: Chemical, 2019, 291, 34-41. | 4.0 | 67 |
| 50 | 2D Heterostructures: Monolayer Epitaxial Heterostructures for Selective Visibleâ€Lightâ€Driven Photocatalytic NO Oxidation (Adv. Funct. Mater. 15/2019). Advanced Functional Materials, 2019, 29, 1970100. | 7.8 | 1 |
| 51 | Role of Charge Density Wave in Monatomic Assembly in Transition Metal Dichalcogenides. Advanced Functional Materials, 2019, 29, 1900367. | 7.8 | 28 |
| 52 | High Pressure Driven Isostructural Electronic Phase Separation in 2D BiOI. Physica Status Solidi - Rapid Research Letters, 2019, 13, . | 1.2 | 2 |
| 53 | Solid Base Bi<sub>24</sub>O<sub>31</sub>Br<sub>10</sub>(OH)<sub>Î´</sub> with Active Lattice Oxygen for the Efficient Photoâ€Oxidation of Primary Alcohols to Aldehydes. Angewandte Chemie - International Edition, 2019, 58, 6265-6270. | 7.2 | 78 |
| 54 | Solid Base Bi<sub>24</sub>O<sub>31</sub>Br<sub>10</sub>(OH)<sub>Î´</sub> with Active Lattice Oxygen for the Efficient Photoâ€Oxidation of Primary Alcohols to Aldehydes. Angewandte Chemie, 2019, 131, 6331-6336. | 1.6 | 11 |

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| 55 | Promoting photoreduction properties via synergetic utilization between plasmonic effect and highly active facet of BiOCl. Nano Energy, 2019, 57, 398-404. | 8.2 | 52 |
| 56 | Monolayer Epitaxial Heterostructures for Selective Visibleâ€Lightâ€Driven Photocatalytic NO Oxidation. Advanced Functional Materials, 2019, 29, 1808084. | 7.8 | 76 |
| 57 | Boosting Visible-Light-Driven Photo-oxidation of BiOCl by Promoted Charge Separation via Vacancy Engineering. ACS Sustainable Chemistry and Engineering, 2019, 7, 3010-3017. | 3.2 | 101 |
| 58 | Enhancement of photocatalytic activity of Bi2MoO6 by fluorine substitution. Applied Surface Science, 2019, 467-468, 740-748. | 3.1 | 36 |
| 59 | Selective Ferroelectric BiOI/Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub> Heterostructures for Visible Light-Driven Photocatalysis. Journal of Physical Chemistry C, 2019, 123, 517-525. | 1.5 | 36 |
| 60 | Giant zero-field cooling exchange-bias-like behavior in antiperovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mrow><mml:mn>0.61</mml:mn></mml:mrow></mml:msub><mml:mi | 0.9 | 3 |
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| 62 | Activating Titania for Efficient Electrocatalysis by Vacancy Engineering. ACS Catalysis, 2018, 8, 4288-4293. | 5.5 | 141 |
| 63 | Quantum Monte Carlo study of hard-core bosons in Creutz ladder with zero flux. Chinese Physics B, 2018, 27, 010204. | 0.7 | 1 |
| 64 | Band-gap engineering of BiOCl with oxygen vacancies for efficient photooxidation properties under visible-light irradiation. Journal of Materials Chemistry A, 2018, 6, 2193-2199. | 5.2 | 232 |
| 65 | Metal@semiconductor core-shell nanocrystals with atomically organized interfaces for efficient hot electron-mediated photocatalysis. Nano Energy, 2018, 48, 44-52. | 8.2 | 118 |
| 66 | Realization of flat band with possible nontrivial topology in electronic Kagome lattice. Science Advances, 2018, 4, eaau4511. | 4.7 | 131 |
| 67 | Photocatalytic Reduction on Bismuth-Based p-Block Semiconductors. ACS Sustainable Chemistry and Engineering, 2018, 6, 15936-15953. | 3.2 | 62 |
| 68 | Electronic Band Engineering in Elemental 2D Materials. Advanced Materials Interfaces, 2018, 5, 1800749. | 1.9 | 16 |
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| 70 | Enhanced Photocatalytic Activity of Bi 24 O 31 Br 10 : Constructing Heterojunction with BiOI. Journal of Materials Science and Technology, 2017, 33, 281-284. | 5.6 | 31 |
| 71 | Oxygen-Impurity-Induced Directâ€“Indirect Band Gap in Perovskite SrTaO<sub>2</sub>N. Journal of Physical Chemistry C, 2017, 121, 6864-6867. | 1.5 | 14 |
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| 73 | Shape-Controlled Metal-Free Catalysts: Facet-Sensitive Catalytic Activity Induced by the Arrangement Pattern of Noncovalent Supramolecular Chains. ACS Nano, 2017, 11, 4866-4876. | 7.3 | 31 |
| 74 | The origin of enhanced photocatalytic activities of hydrogenated TiO<sub>2</sub> nanoparticles. Dalton Transactions, 2017, 46, 10694-10699. | 1.6 | 24 |
| 75 | Construction of 2D lateral pseudoheterostructures by strain engineering. 2D Materials, 2017, 4, 025102. | 2.0 | 31 |
| 76 | O <sub>3</sub> fast and simple treatment-enhanced p-doped in Spiro-MeOTAD for CH <sub>3</sub> NH <sub>3</sub> I vapor-assisted processed CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite solar cells. Chinese Physics B, 2017, 26, 068803. | 0.7 | 5 |
| 77 | Efficient visible-light photocatalysts by constructing dispersive energy band with anisotropic p and s-p hybridization states. Current Opinion in Green and Sustainable Chemistry, 2017, 6, 93-100. | 3.2 | 28 |
| 78 | Silicene: A Promising Anode for Lithiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1606716. | 11.1 | 179 |
| 79 | Liquid-Phase Exfoliation into Monolayered BiOBr Nanosheets for Photocatalytic Oxidation and Reduction. ACS Sustainable Chemistry and Engineering, 2017, 5, 10499-10508. | 3.2 | 140 |
| 80 | Enhancement of charge separation in ferroelectric heterogeneous photocatalyst Bi<sub>4</sub>(SiO<sub>4</sub>)<sub>3</sub>/Bi<sub>2</sub>SiO<sub>5</sub> nanostructures. Dalton Transactions, 2017, 46, 15582-15588. | 1.6 | 25 |
| 81 | A specific mapping between topological superconductors and topological insulators. Europhysics Letters, 2017, 118, 61002. | 0.7 | 0 |
| 82 | Threeâ€Dimensional Hierarchical Architectures Derived from Surfaceâ€Mounted Metalâ€“Organic Framework Membranes for Enhanced Electrocatalysis. Angewandte Chemie - International Edition, 2017, 56, 13781-13785. | 7.2 | 193 |
| 83 | Topological superconductors from one-dimensional periodically modulated Majorana chains. Scientific Reports, 2017, 7, 9210. | 1.6 | 5 |
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| 85 | Enhanced energy transfer in heterogeneous nanocrystals for near infrared upconversion photocurrent generation. Nanoscale, 2017, 9, 18661-18667. | 2.8 | 14 |
| 86 | Threeâ€Dimensional Hierarchical Architectures Derived from Surfaceâ€Mounted Metalâ€“Organic Framework Membranes for Enhanced Electrocatalysis. Angewandte Chemie, 2017, 129, 13969-13973. | 1.6 | 42 |
| 87 | Structurally Wellâ€Defined Au@Cu<sub>2â^'</sub><sub>x</sub>S Coreâ€“Shell Nanocrystals for Improved Cancer Treatment Based on Enhanced Photothermal Efficiency. Advanced Materials, 2016, 28, 3094-3101. | 11.1 | 228 |
| 88 | Indirect-Direct Band Transformation of Few-Layer BiOCl under Biaxial Strain. Journal of Physical Chemistry C, 2016, 120, 8589-8594. | 1.5 | 29 |
| 89 | A ferroelectric photocatalyst Ag<sub>10</sub>Si<sub>4</sub>O<sub>13</sub> with visible-light photooxidation properties. Journal of Materials Chemistry A, 2016, 4, 10992-10999. | 5.2 | 46 |
| 90 | Magnetic field actuated manipulation and transfer of oil droplets on a stable underwater superoleophobic surface. Physical Chemistry Chemical Physics, 2016, 18, 16202-16207. | 1.3 | 20 |

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| 91 | Metalâ€“silicene interaction studied by scanning tunneling microscopy. Journal of Physics Condensed Matter, 2016, 28, 034002. | 0.7 | 9 |
| 92 | Manipulating coupling state and magnetism of Mn-doped ZnO nanocrystals by changing the coordination environment of Mn via hydrogen annealing. Chinese Physics B, 2016, 25, 017301. | 0.7 | 4 |
| 93 | From Cu2S nanocrystals to Cu doped CdS nanocrystals through cation exchange: controlled synthesis, optical properties and their p-type conductivity research. Science China Materials, 2015, 58, 693-703. | 3.5 | 23 |
| 94 | Investigation of electron-phonon coupling in epitaxial silicene byin situRaman spectroscopy. Physical Review B, 2015, 91, . | 1.1 | 67 |
| 95 | Modulation of Photocatalytic Properties by Strain in 2D BiOBr Nanosheets. ACS Applied Materials & Interfaces, 2015, 7, 27592-27596. | 4.0 | 130 |
| 96 | Nonmetal P-doped hematite photoanode with enhanced electron mobility and high water oxidation activity. Energy and Environmental Science, 2015, 8, 1231-1236. | 15.6 | 202 |
| 97 | Visible-Light Photocatalytic Activity of S-Doped Î±-Bi<sub>2</sub>O<sub>3</sub>. Journal of Physical Chemistry C, 2015, 119, 14094-14101. | 1.5 | 56 |
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| 99 | Enhanced photocatalysis activity of ferroelectric KNbO<sub>3</sub> nanofibers compared with antiferroelectric NaNbO<sub>3</sub> nanofibers synthesized by electrospinning. RSC Advances, 2015, 5, 72410-72415. | 1.7 | 30 |
| 100 | Aligned ZnO:Co nanorod arrays: Electrophoretic deposition fabrication and magnetic manipulation. Ceramics International, 2015, 41, 3456-3460. | 2.3 | 10 |
| 101 | Plasmonic Photocatalytic Activity of Silver Nano-Particles Using Carbon Sphere as Support. Energy and Environment Focus, 2015, 4, 128-132. | 0.3 | 3 |
| 102 | Enhancing visible-light photocatalytic activity of Î±-Bi 2 O 3 via non-metal N and S doping. Chinese Physics B, 2014, 23, 038103. | 0.7 | 11 |
| 103 | Variation of the coordination environment and its effect on the white light emission properties in a Mn-doped ZnOâ€“ZnS complex structure. Physical Chemistry Chemical Physics, 2014, 16, 4544. | 1.3 | 12 |
| 104 | Biocompatibility of TiO2 and TiO2/heparin coatings on NiTi alloy. Applied Surface Science, 2014, 313, 172-182. | 3.1 | 18 |
| 105 | Bismuth Oxybromide with Reasonable Photocatalytic Reduction Activity under Visible Light. ACS Catalysis, 2014, 4, 954-961. | 5.5 | 300 |
| 106 | Visible Light Photocatalytic Properties of Metastable Î³-Bi2O3 with Different Morphologies. Journal of Materials Science and Technology, 2014, 30, 192-196. | 5.6 | 59 |
| 107 | A dye-sensitized visible light photocatalyst-Bi24O31Cl10. Scientific Reports, 2014, 4, 7384. | 1.6 | 91 |
| 108 | Silver microgrid transparent conductive electrode based on bulk plasmon effect for ultraviolet wavelength application. Physica Status Solidi - Rapid Research Letters, 2013, 7, 1071-1075. | 1.2 | 5 |

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| 109 | The variation of Mn-dopant distribution state with x and its effect on the magnetic coupling mechanism in Zn 1â^' x Mn x O nanocrystals. Chinese Physics B, 2013, 22, 107501. | 0.7 | 4 |
| 110 | Manipulation of domain wall mobility by oxygen vacancy ordering in multiferroic YMnO3. Physical Chemistry Chemical Physics, 2013, 15, 20010. | 1.3 | 32 |
| 111 | Fabrication and UV-sensing properties of one-dimensional Î²-Ga<sub>2</sub> O<sub>3</sub> nanomaterials. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1861-1865. | 0.8 | 15 |
| 112 | Nanostructured Magnetic Materials. Journal of Nanomaterials, 2013, 2013, 1-2. | 1.5 | 1 |
| 113 | Biocompatibility of Nanoporous TiO2Coating on NiTi Alloy Prepared via Dealloying Method. Journal of Nanomaterials, 2012, 2012, 1-7. | 1.5 | 4 |
| 114 | Improving the Solubility of Mn and Suppressing the Oxygen Vacancy Density in Zn<sub>0.98</sub>Mn<sub>0.02</sub>O Nanocrystals via Octylamine Treatment. ACS Applied Materials & Interfaces, 2012, 4, 4470-4475. | 4.0 | 18 |
| 115 | Magnetic properties and microstructures of iron oxide@mesoporous silica core-shell composite for applications in magnetic dye separation. Journal of Applied Physics, 2012, 111, 07B301. | 1.1 | 10 |
| 116 | Controllable synthesis and magnetic investigation of ZnO: Co nanowires and nanotubes. Materials Letters, 2012, 87, 101-104. | 1.3 | 11 |
| 117 | Graphene covered SiC powder as advanced photocatalytic material. Applied Physics Letters, 2012, 100, 023113. | 1.5 | 65 |
| 118 | Effect of Cu Co-doping on the magnetism of Zn0.95Co0.05O films. Journal of Shanghai Jiaotong University (Science), 2012, 17, 738-742. | 0.5 | 1 |
| 119 | Effect of Intrinsic Oxygen Vacancy on the Electronic Structure of Î³-Bi<sub>2</sub>O<sub>3</sub>: First-Principles Calculations. Journal of Physical Chemistry C, 2012, 116, 1251-1255. | 1.5 | 44 |
| 120 | Controllable synthesis of Zn0.95Co0.05O nanowires and nanotubes by electrophoretic deposition method. Transactions of Nonferrous Metals Society of China, 2012, 22, s95-s99. | 1.7 | 5 |
| 121 | Al Doped ZnO Nanogranular Film Fabricated by Layer-By-Layer Self-Assembly Method and Its Application for Gas Sensors. Journal of Nanoscience and Nanotechnology, 2011, 11, 10649-10653. | 0.9 | 5 |
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| 123 | Enhancement of magnetism of Zn0.95Co0.05O films by p-type Cu+ doping. Progress in Natural Science: Materials International, 2011, 21, 31-35. | 1.8 | 3 |
| 124 | First-principles calculations of novel sillenite compounds Bi24M2O40 (M=Se or Te). Rare Metals, 2011, 30, 135-139. | 3.6 | 8 |
| 125 | Visible-light photocatalytic properties of Î³-Bi2O3 composited with Fe2O3. Rare Metals, 2011, 30, 140-143. | 3.6 | 6 |
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| 127 | Bio-Inducing Growth of ZnO Hollow Spheres in Lotus Root. Journal of Nanoscience and Nanotechnology, 2010, 10, 7439-7442. | 0.9 | 0 |
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| 129 | LUMINESCENT PROPERTY OF ZNO GRANULAR FILMS WITH DIFFERENT PARTICLE SIZE. International Journal of Modern Physics B, 2010, 24, 2827-2832. | 1.0 | 2 |
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| 131 | Comparison Study of Corrosion Behavior and Biocompatibility of Polyethyleneimine (PEI)/Heparin and Chitosan/Heparin Coatings on NiTi alloy. Journal of Materials Science and Technology, 2010, 26, 1027-1031. | 5.6 | 31 |
| 132 | Evidence of Surface-Preferential Co Distribution in ZnO Nanocrystal and Its Effects on the Ferromagnetic Property. ACS Applied Materials & Interfaces, 2010, 2, 2053-2059. | 4.0 | 17 |
| 133 | Variation of structural and magnetic properties with Co-doping in Zn1â^'xCoxO nanocrystals. Journal of Applied Physics, 2009, 105, . | 1.1 | 24 |
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| 136 | Employment of a metal microgrid as a front electrode in a sandwich-structured photodetector. Applied Optics, 2009, 48, 3638. | 2.1 | 3 |
| 137 | Growth Mechanism for ZnO Nanorod Array in a Metastable Supersaturation Solution. Journal of Nanoscience and Nanotechnology, 2009, 9, 909-913. | 0.9 | 5 |
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| 144 | Effect of MgO doping on the luminescent properties of ZnO. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 129, 93-95. | 1.7 | 15 |

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