# Min Chen

List of Publications by Year
in descending order



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|---|---|---|---|
| 111 papers | 6,383 citations | 66343 42 h-index | 69250 77 g-index |
| 112 all docs | 112 docs citations | 112 times ranked | 6612 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Iron and chromium co-doped cobalt phosphide porous nanosheets as robust bifunctional electrocatalyst for efficient water splitting. Nanotechnology, 2022, 33, 075204. | 2.6 | 9 |
| 2 | Interfacing Co3Mo with CoMoOx for synergistically boosting electrocatalytic hydrogen and oxygen evolution reactions. Chemical Engineering Journal, 2022, 431, 133240. | 12.7 | 22 |
| 3 | Photocatalytic reduction of CO2 into CH4 over Ru-doped TiO2: Synergy of Ru and oxygen vacancies. Journal of Colloid and Interface Science, 2022, 608, 2809-2819. | 9.4 | 63 |
| 4 | Stable and enhanced electrochemical performance based on hierarchical coreâ€“shell structure of CoMn<sub>2</sub>O<sub>4</sub>@Ni<sub>3</sub>S<sub>2</sub> electrode for hybrid supercapacitor. Nanotechnology, 2022, 33, 095707. | 2.6 | 9 |
| 5 | Anchoring RuSe2 on CoSe2 nanoarrays as a hybrid catalyst for efficient and robust oxygen evolution reaction. Journal of Colloid and Interface Science, 2022, 615, 327-334. | 9.4 | 12 |
| 6 | Nitrogenâ€Doped Bimetallic Carbideâ€Graphite Composite as Highly Active and Extremely Stable Electrocatalyst for Oxygen Reduction Reaction in Alkaline Media. Advanced Functional Materials, 2022, 32, . | 14.9 | 21 |
| 7 | Synergistically Coupled CoMo/CoMoP Electrocatalyst for Highly Efficient and Stable Overall Water Splitting. Inorganic Chemistry, 2022, 61, 8328-8338. | 4.0 | 26 |
| 8 | Efficient and controllable flame method to generate rich oxygen vacancies in WO<sub>3</sub> nanosheet arrays to enhance solar water oxidation. Applied Physics Letters, 2022, 120, 253901. | 3.3 | 1 |
| 9 | Metalâ€“Organic Framework-Derived Three-Dimensional Macropore Nitrogen-Doped Carbon Frameworks Decorated with Ultrafine Ru-Based Nanoparticles for Overall Water Splitting. Inorganic Chemistry, 2022, 61, 9685-9692. | 4.0 | 10 |
| 10 | Regulating photocatalytic CO2 reduction selectivity via steering cascade multi-step charge transfer pathways in 1ÂT/2H-WS2/TiO2 heterojuncitons. Chemical Engineering Journal, 2022, 447, 137485. | 12.7 | 19 |
| 11 | Ru-doping modulated cobalt phosphide nanoarrays as efficient electrocatalyst for hydrogen evolution rection. Journal of Colloid and Interface Science, 2022, 625, 457-465. | 9.4 | 27 |
| 12 | A NIRâ€Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. Angewandte Chemie, 2021, 133, 5305-5309. | 2.0 | 4 |
| 13 | A NIRâ€Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. Angewandte Chemie - International Edition, 2021, 60, 5245-5249. | 13.8 | 43 |
| 14 | Fe-doped NiCoP/Prussian blue analog hollow nanocubes as an efficient electrocatalyst for oxygen evolution reaction. Electrochimica Acta, 2021, 367, 137492. | 5.2 | 56 |
| 15 | Integrating Ru-modulated CoP nanosheets binary co-catalyst with 2D g-C3N4 nanosheets for enhanced photocatalytic hydrogen evolution activity. Journal of Colloid and Interface Science, 2021, 585, 108-117. | 9.4 | 67 |
| 16 | 0D ultrafine ruthenium quantum dot decorated 3D porous graphitic carbon nitride with efficient charge separation and appropriate hydrogen adsorption capacity for superior photocatalytic hydrogen evolution. Dalton Transactions, 2021, 50, 2414-2425. | 3.3 | 13 |
| 17 | Co(OH)<sub>2</sub>water oxidation cocatalyst-decorated CdS nanowires for enhanced photocatalytic CO<sub>2</sub>reduction performance. Dalton Transactions, 2021, 50, 10159-10167. | 3.3 | 4 |
| 18 | Iron and nitrogen Co-doped CoSe<sub>2</sub> nanosheet arrays for robust electrocatalytic water oxidation. Inorganic Chemistry Frontiers, 2021, 8, 2725-2734. | 6.0 | 16 |

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|---|---|---|---|
| 19 | Interfacial engineering of CeO<sub>2</sub> on NiCoP nanoarrays for efficient electrocatalytic oxygen evolution. Nanotechnology, 2021, 32, 195704. | 2.6 | 22 |
| 20 | Accelerating water dissociation kinetic in Co9S8 electrocatalyst by mn/N Co-doping toward efficient alkaline hydrogen evolution. International Journal of Hydrogen Energy, 2021, 46, 7989-8001. | 7.1 | 23 |
| 21 | Steering Multistep Charge Transfer for Highly Selectively Photocatalytic Reduction of CO<sub>2</sub> into CH<sub>4</sub> over Pd/Cu<sub>2</sub>O/TiO<sub>2</sub> Ternary Hybrid. Solar Rrl, 2021, 5, 2000813. | 5.8 | 23 |
| 22 | Synergistically Integrating Nickel Porous Nanosheets with 5d Transition Metal Oxides Enabling Efficient Electrocatalytic Overall Water Splitting. Inorganic Chemistry, 2021, 60, 8189-8199. | 4.0 | 27 |
| 23 | Bimetallic Co-Mo nitride nanosheet arrays as high-performance bifunctional electrocatalysts for overall water splitting. Chemical Engineering Journal, 2021, 411, 128433. | 12.7 | 143 |
| 24 | Synergistically coupling of Fe-doped CoP nanocubes with CoP nanosheet arrays towards enhanced and robust oxygen evolution electrocatalysis. Journal of Colloid and Interface Science, 2021, 591, 67-75. | 9.4 | 49 |
| 25 | Interfacial Engineering of the Co<sub>x</sub>Pâ€“Fe<sub>2</sub>P Heterostructure for Efficient and Robust Electrochemical Overall Water Splitting. ACS Sustainable Chemistry and Engineering, 2021, 9, 7737-7748. | 6.7 | 54 |
| 26 | KCa2Nb3O10/ZnIn2S4 nanosheet heterojunctions with improved charge separation efficiency for efficient photocatalytic CO2 reduction. Journal of Alloys and Compounds, 2021, 865, 158836. | 5.5 | 27 |
| 27 | Fe-Doped CoP holey nanosheets as bifunctional electrocatalysts for efficient hydrogen and oxygen evolution reactions. International Journal of Hydrogen Energy, 2021, 46, 26391-26401. | 7.1 | 28 |
| 28 | Synergistic Integration of AuCu Co-Catalyst with Oxygen Vacancies on TiO<sub>2</sub> for Efficient Photocatalytic Conversion of CO<sub>2</sub> to CH<sub>4</sub>. ACS Applied Materials & Interfaces, 2021, 13, 46772-46782. | 8.0 | 65 |
| 29 | Template confined construction of Feâ€“NiCoP/NiCoP/NF heterostructures for highly efficient electrocatalytic oxygen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 37746-37756. | 7.1 | 14 |
| 30 | Synergistic effects of surface Lewis Base/Acid and nitrogen defect in MgAl layered double Oxides/Carbon nitride heterojunction for efficient photoreduction of carbon dioxide. Applied Surface Science, 2021, 563, 150369. | 6.1 | 26 |
| 31 | Oxygen vacancy engineering of BiOBr/HNb3O8 Z-scheme hybrid photocatalyst for boosting photocatalytic conversion of CO2. Journal of Colloid and Interface Science, 2021, 599, 245-254. | 9.4 | 49 |
| 32 | Facile synthesis of hierarchical NiCoP nanosheets/NiCoP nanocubes homojunction electrocatalyst for highly efficient and stable hydrogen evolution reaction. Applied Surface Science, 2021, 565, 150537. | 6.1 | 33 |
| 33 | Synergistically integrated Co9S8@NiFe-layered double hydroxide core-branch hierarchical architectures as efficient bifunctional electrocatalyst for water splitting. Journal of Colloid and Interface Science, 2021, 604, 680-690. | 9.4 | 39 |
| 34 | Nickelâ€“manganese bimetallic phosphides porous nanosheet arrays as highly active bifunctional hydrogen and oxygen evolution electrocatalysts for overall water splitting. Electrochimica Acta, 2020, 329, 135121. | 5.2 | 43 |
| 35 | Covalently Bonded Bi<sub>2</sub>O<sub>3</sub> Nanosheet/Bi<sub>2</sub>WO<sub>6</sub> Network Heterostructures for Efficient Photocatalytic CO<sub>2</sub> Reduction. ACS Applied Energy Materials, 2020, 3, 12194-12203. | 5.1 | 34 |
| 36 | Designing positive electrodes based on 3D hierarchical CoMn<sub>2</sub>O<sub>4</sub>@NiMn-LDH nanoarray composites for high energy and power density supercapacitors. CrystEngComm, 2020, 22, 6864-6875. | 2.6 | 11 |

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|---|---|---|---|
| 37 | Interfacial engineering of Co3FeN embedded N-doped carbon nanoarray derived from metalâ€“organic frameworks for enhanced oxygen evolution reaction. Electrochimica Acta, 2020, 354, 136629. | 5.2 | 24 |
| 38 | Holey Cobaltâ€“Iron Nitride Nanosheet Arrays as High-Performance Bifunctional Electrocatalysts for Overall Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 29253-29263. | 8.0 | 21 |
| 39 | Hierarchical CoO@Ni(OH)<sub>2</sub> coreâ€“shell heterostructure arrays for advanced asymmetric supercapacitors. Nanotechnology, 2020, 31, 405705. | 2.6 | 17 |
| 40 | Nanowire-assembled Co3O4@NiS coreâ€“shell hierarchical with enhanced electrochemical performance for asymmetric supercapacitors. Nanotechnology, 2020, 31, 295403. | 2.6 | 6 |
| 41 | Synthesis of an iron-doped 3D-ordered mesoporous cobalt phosphide material toward efficient electrocatalytic overall water splitting. Inorganic Chemistry Frontiers, 2020, 7, 3002-3010. | 6.0 | 22 |
| 42 | Iron-doped nickle cobalt ternary phosphide hyperbranched hierarchical arrays for efficient overall water splitting. Electrochimica Acta, 2020, 334, 135633. | 5.2 | 38 |
| 43 | Noble-metal-free Co <sub>x</sub> P nanoparticles: modified perovskite oxide ultrathin nanosheet photocatalysts with significantly enhanced photocatalytic hydrogen evolution activity. Nanotechnology, 2020, 31, 325401. | 2.6 | 2 |
| 44 | MOF-derived cobalt oxides nanoparticles anchored on CoMoO4 as a highly active electrocatalyst for oxygen evolution reaction. Journal of Alloys and Compounds, 2019, 806, 1097-1104. | 5.5 | 41 |
| 45 | Integration of ZnCo2S4 nanowires arrays with NiFe-LDH nanosheet as water dissociation promoter for enhanced electrocatalytic hydrogen evolution. Electrochimica Acta, 2019, 324, 134861. | 5.2 | 26 |
| 46 | Hierarchically structured Co3O4@glucose-modified LDH architectures for high-performance supercapacitors. Applied Surface Science, 2019, 488, 639-647. | 6.1 | 40 |
| 47 | Synergistic coupling of CoFe-LDH arrays with NiFe-LDH nanosheet for highly efficient overall water splitting in alkaline media. Applied Catalysis B: Environmental, 2019, 253, 131-139. | 20.2 | 503 |
| 48 | Hierarchical urchin-like Co<sub>9</sub>S<sub>8</sub>@Ni(OH)<sub>2</sub> heterostructures with superior electrochemical performance for hybrid supercapacitors. New Journal of Chemistry, 2019, 43, 8444-8451. | 2.8 | 14 |
| 49 | CoP<sub>3</sub>/CoMoP Heterogeneous Nanosheet Arrays as Robust Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 9309-9317. | 6.7 | 97 |
| 50 | Coupling Co2P and CoP nanoparticles with copper ions incorporated Co9S8 nanowire arrays for synergistically boosting hydrogen evolution reaction electrocatalysis. Journal of Colloid and Interface Science, 2019, 550, 10-16. | 9.4 | 47 |
| 51 | MoS2/SnNb2O6 2D/2D nanosheet heterojunctions with enhanced interfacial charge separation for boosting photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2019, 536, 1-8. | 9.4 | 60 |
| 52 | Syntheses, Crystal Structures, and Properties of Three Novel Silverâ€“Organic Frameworks Assembled from 1,2,3,5-Benzenetetracarboxylic Acid Based on Argentophilic Interactions. Crystal Growth and Design, 2018, 18, 1978-1986. | 3.0 | 16 |
| 53 | Construction of RGO/CdIn 2 S 4 /g-C 3 N 4 ternary hybrid with enhanced photocatalytic activity for the degradation of tetracycline hydrochloride. Applied Surface Science, 2018, 433, 388-397. | 6.1 | 91 |
| 54 | Enhanced photocatalytic activity of graphitic carbon nitride/carbon nanotube/Bi2WO6 ternary Z-scheme heterojunction with carbon nanotube as efficient electron mediator. Journal of Colloid and Interface Science, 2018, 512, 693-700. | 9.4 | 101 |

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|---|---|---|---|
| 55 | Grapheneâ€Sensitized Perovskite Oxide Monolayer Nanosheets for Efficient Photocatalytic Reaction. Advanced Functional Materials, 2018, 28, 1806284. | 14.9 | 48 |
| 56 | Construction of Novel CdS/SnNb2 O6 Heterojunctions with Enhanced Photocatalytic Degradation Activity Under Visible Light. European Journal of Inorganic Chemistry, 2018, 2018, 4812-4818. | 2.0 | 6 |
| 57 | Engineering Ni(OH)<sub>2</sub> Nanosheet on CoMoO<sub>4</sub> Nanoplate Array as Efficient Electrocatalyst for Oxygen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2018, 6, 16086-16095. | 6.7 | 64 |
| 58 | Construction of novel Sr0.4H1.2Nb2O6Â·H2O/g-C3N4 heterojunction with enhanced visible light photocatalytic activity for hydrogen evolution. Journal of Colloid and Interface Science, 2018, 526, 451-458. | 9.4 | 26 |
| 59 | Dionâ€"Jacobson-type perovskite KCa<sub>2</sub>Ta<sub>3</sub>O<sub>10</sub> nanosheets hybridized with g-C<sub>3</sub>N<sub>4</sub> nanosheets for photocatalytic H<sub>2</sub> production. Catalysis Science and Technology, 2018, 8, 3767-3773. | 4.1 | 26 |
| 60 | CdS nanoparticles decorated K+Ca2Nb3O10â^' nanosheets with enhanced photocatalytic activity. Materials Letters, 2018, 229, 236-239. | 2.6 | 7 |
| 61 | Assembly of WO3 nanosheets/Bi24O31Br10 nanosheets composites with superior photocatalytic activity for degradation of tetracycline hydrochloride. Journal of Materials Science, 2018, 53, 15804-15816. | 3.7 | 14 |
| 62 | Synthesis and electrochemical performance of LiFePO4/C cathode materials from Fe2O3 for high-power lithium-ion batteries. Ionics, 2017, 23, 377-384. | 2.4 | 8 |
| 63 | Construction of ultrafine TiO<sub>2</sub> nanoparticle and SnNb<sub>2</sub>O<sub>6</sub> nanosheet 0D/2D heterojunctions with abundant interfaces and significantly improved photocatalytic activity. Catalysis Science and Technology, 2017, 7, 2308-2317. | 4.1 | 39 |
| 64 | CdIn<sub>2</sub>S<sub>4</sub>/g-C<sub>3</sub>N<sub>4</sub> heterojunction photocatalysts: enhanced photocatalytic performance and charge transfer mechanism. RSC Advances, 2017, 7, 231-237. | 3.6 | 52 |
| 65 | SrTiO<sub>3</sub> Nanoparticle/SnNb<sub>2</sub>O<sub>6</sub> Nanosheet 0D/2D Heterojunctions with Enhanced Interfacial Charge Separation and Photocatalytic Hydrogen Evolution Activity. ACS Sustainable Chemistry and Engineering, 2017, 5, 9749-9757. | 6.7 | 54 |
| 66 | RGO-Promoted All-Solid-State g-C<sub>3</sub>N<sub>4</sub>/BiVO<sub>4</sub> Z-Scheme Heterostructure with Enhanced Photocatalytic Activity toward the Degradation of Antibiotics. Industrial & Engineering Chemistry Research, 2017, 56, 8823-8832. | 3.7 | 116 |
| 67 | Construction of novel WO3/SnNb2O6 hybrid nanosheet heterojunctions as efficient Z-scheme photocatalysts for pollutant degradation. Journal of Colloid and Interface Science, 2017, 506, 93-101. | 9.4 | 57 |
| 68 | 2D/2D heterojunctions of WO<sub>3</sub> nanosheet/K<sup>+</sup>Ca<sub>2</sub>Nb<sub>3</sub>O<sub>10</sub><sup>â^'</sup> ultrathin nanosheet with improved charge separation efficiency for significantly boosting photocatalysis. Catalysis Science and Technology, 2017, 7, 3481-3491. | 4.1 | 68 |
| 69 | Perovskite oxide ultrathin nanosheets/g-C3N4 2D-2D heterojunction photocatalysts with significantly enhanced photocatalytic activity towards the photodegradation of tetracycline. Applied Catalysis B: Environmental, 2017, 201, 617-628. | 20.2 | 360 |
| 70 | Enhancement of g-C 3 N 4 nanosheets photocatalysis by synergistic interaction of ZnS microsphere and RGO inducing multistep charge transfer. Applied Catalysis B: Environmental, 2016, 198, 200-210. | 20.2 | 165 |
| 71 | Synthesis, characterization, and adsorption properties of silica aerogels crosslinked with diisocyanate under ambient drying. Journal of Materials Science, 2016, 51, 9472-9483. | 3.7 | 15 |
| 72 | Ag nanoparticle-decorated CoS nanosheet nanocomposites: a high-performance material for multifunctional applications in photocatalysis and supercapacitors. RSC Advances, 2016, 6, 55039-55045. | 3.6 | 36 |

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|---|---|---|---|
| 73 | Synthesis of cuprous oxide with morphological evolution from truncated octahedral to spherical structures and their size and shape-dependent photocatalytic activities. Journal of Colloid and Interface Science, 2016, 461, 25-31. | 9.4 | 26 |
| 74 | In-situ synthesis and enhanced photocatalytic activity of visible-light-driven plasmonic Ag/AgCl/NaTaO3 nanocubes photocatalysts. Applied Catalysis B: Environmental, 2016, 191, 228-234. | 20.2 | 126 |
| 75 | Novel Î²-In<sub>2.77</sub>S<sub>4</sub> nanosheet-assembled hierarchical microspheres: synthesis and high performance for photocatalytic reduction of Cr(<scp>vi</scp>). RSC Advances, 2016, 6, 18227-18234. | 3.6 | 14 |
| 76 | Construction of SnNb 2 O 6 nanosheet/g-C 3 N 4 nanosheet two-dimensional heterostructures with improved photocatalytic activity: Synergistic effect and mechanism insight. Applied Catalysis B: Environmental, 2016, 183, 113-123. | 20.2 | 239 |
| 77 | Synthesis, Crystal Structure, Fluorescence and Photocatalytic Properties of a Copper Compound with 2â€Phenylâ€1Hâ€1,3,7,8â€tetraazacyclopenta[l]phenanthrene and Silicotungstic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 826-830. | 1.2 | 2 |
| 78 | Two-Dimensional CaIn<sub>2</sub>S<sub>4</sub>/g-C<sub>3</sub>N<sub>4</sub> Heterojunction Nanocomposite with Enhanced Visible-Light Photocatalytic Activities: Interfacial Engineering and Mechanism Insight. ACS Applied Materials & Interfaces, 2015, 7, 19234-19242. | 8.0 | 307 |
| 79 | Angstrom-scale vanadium carbide rods as Pt electrocatalyst support for efficient methanol oxidation reaction. RSC Advances, 2015, 5, 9561-9564. | 3.6 | 7 |
| 80 | Fabrication of a Ag/Bi<sub>3</sub>TaO<sub>7</sub> Plasmonic Photocatalyst with Enhanced Photocatalytic Activity for Degradation of Tetracycline. ACS Applied Materials & Interfaces, 2015, 7, 17061-17069. | 8.0 | 251 |
| 81 | Controllable synthesis of fluorapatite microcrystals decorated with silver nanoparticles and their optical properties. RSC Advances, 2015, 5, 12392-12396. | 3.6 | 11 |
| 82 | Synthesis and size-dependent electrochemical nonenzymatic H2O2 sensing of cuprous oxide nanocubes. RSC Advances, 2015, 5, 82496-82502. | 3.6 | 21 |
| 83 | A g-C<sub>3</sub>N<sub>4</sub>/nanocarbon/ZnIn<sub>2</sub>S<sub>4</sub>nanocomposite: an artificial Z-scheme visible-light photocatalytic system using nanocarbon as the electron mediator. Chemical Communications, 2015, 51, 17144-17147. | 4.1 | 136 |
| 84 | Natural carbon nanodots assisted development of size-tunable metal (Pd, Ag) nanoparticles grafted on bionic dendritic Î±-Fe<sub>2</sub>O<sub>3</sub> for cooperative catalytic applications. Journal of Materials Chemistry A, 2015, 3, 23607-23620. | 10.3 | 39 |
| 85 | Ag-Decorated ATaO<sub>3</sub> (A = K, Na) Nanocube Plasmonic Photocatalysts with Enhanced Photocatalytic Water-Splitting Properties. Langmuir, 2015, 31, 9694-9699. | 3.5 | 71 |
| 86 | ZnS microsphere/g-C<sub>3</sub>N<sub>4</sub>nanocomposite photo-catalyst with greatly enhanced visible light performance for hydrogen evolution: synthesis and synergistic mechanism study. RSC Advances, 2014, 4, 62223-62229. | 3.6 | 46 |
| 87 | N-doped graphene quantum dots as an effective photocatalyst for the photochemical synthesis of silver deposited porous graphitic C<sub>3</sub>N<sub>4</sub> nanocomposites for nonenzymatic electrochemical H<sub>2</sub>O<sub>2</sub> sensing. RSC Advances, 2014, 4, 16163-16171. | 3.6 | 72 |
| 88 | Highly efficient heterojunction photocatalyst based on nanoporous g-C3N4 sheets modified by Ag3PO4 nanoparticles: Synthesis and enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2014, 417, 115-120. | 9.4 | 143 |
| 89 | In situ synthesis of bimetallic Ag/Pt loaded single-crystalline anatase TiO2 hollow nano-hemispheres and their improved photocatalytic properties. CrystEngComm, 2014, 16, 2384. | 2.6 | 64 |
| 90 | MoCâ€“graphite composite as a Pt electrocatalyst support for highly active methanol oxidation and oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 4014. | 10.3 | 106 |

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|---|---|---|---|
| 91 | Hydrothermal synthesis of In 2 S 3 /g-C 3 N 4 heterojunctions with enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2014, 433, 9-15. | 9.4 | 159 |
| 92 | The synthesis of a novel Agâ€“NaTaO3 hybrid with plasmonic photocatalytic activity under visible-light. CrystEngComm, 2014, 16, 1384. | 2.6 | 31 |
| 93 | One-pot synthesis of 1-acetylpyrene over supported phosphotungstic heteropoly acid catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2013, 108, 531-544. | 1.7 | 4 |
| 94 | Small-sized Pt particles on mesoporous hollow carbon spheres for highly stable oxygen reduction reaction. Electrochimica Acta, 2013, 109, 256-261. | 5.2 | 27 |
| 95 | Facile synthesis of coreâ€“shellâ€“satellite Ag/C/Ag nanocomposites using carbon nanodots as reductant and their SERS properties. CrystEngComm, 2013, 15, 6305. | 2.6 | 24 |
| 96 | In-situ ion exchange synthesis of hierarchical AgI/BiOI microsphere photocatalyst with enhanced photocatalytic properties. CrystEngComm, 2013, 15, 7556. | 2.6 | 100 |
| 97 | Natural leaves-assisted synthesis of nitrogen-doped, carbon-rich nanodots-sensitized, Ag-loaded anatase TiO2 square nanosheets with dominant {001} facets and their enhanced catalytic applications. Journal of Materials Chemistry A, 2013, 1, 14963. | 10.3 | 69 |
| 98 | Efficient Synthesis of 1-Acetylpyrene Using [Bmim]Clâ€“FeCl3 Ionic Liquid as Dual Catalyst and Solvent. International Journal of Chemical Reactor Engineering, 2013, 11, 1-7. | 1.1 | 58 |
| 99 | Modifiers-assisted formation of nickel nanoparticles and their catalytic application to p-nitrophenol reduction. CrystEngComm, 2013, 15, 560-569. | 2.6 | 244 |
| 100 | Novel pâ€“n heterojunction photocatalyst constructed by porous graphite-like C3N4 and nanostructured BiOI: facile synthesis and enhanced photocatalytic activity. Dalton Transactions, 2013, 42, 15726. | 3.3 | 333 |
| 101 | Facile synthesis and characterisation of hexagonal magnetite nanoplates. Micro and Nano Letters, 2013, 8, 383-385. | 1.3 | 12 |
| 102 | Facile route fabrication of nano-Ni core mesoporous-silica shell particles with high catalytic activity towards 4-nitrophenol reduction. CrystEngComm, 2012, 14, 4601. | 2.6 | 109 |
| 103 | Synthesis of 1-benzoylpyrene using silica-supported phosphotungstic heteropoly acid as an efficient and reusable catalyst. Korean Journal of Chemical Engineering, 2012, 29, 1388-1392. | 2.7 | 4 |
| 104 | Photoenhanced degradation of rhodamine blue on monometallic gold (Au) loaded brookite titania photocatalysts activated by visible light. Reaction Kinetics, Mechanisms and Catalysis, 2012, 107, 487-502. | 1.7 | 11 |
| 105 | One-pot synthesis of 5-acetylacenaphthene using heteropoly acid catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2011, 102, 103-111. | 1.7 | 6 |
| 106 | Novel Countercation in MMX-Type Mixed-Valence Chain Compound: Coexistence of Neutral and Protonated Amino Substituents. Polymers, 2011, 3, 1652-1661. | 4.5 | 6 |
| 107 | Preparation and characterization of heterojunction semiconductor YFeO<sub>3</sub>/TiO<sub>2</sub> with an enhanced photocatalytic activity. Journal of Materials Research, 2010, 25, 104-109. | 2.6 | 16 |
| 108 | Poly[[Î¼2-1,2-bis(imidazol-1-ylmethyl)benzene](Î¼2-cyclohexane-1,4-dicarboxylato)cobalt(II)]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m330-m330. | 0.2 | 0 |

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|---|---|---|---|
| 109 | Alkylation of anthracene to 2-isopropylanthracene catalyzed by Lewis acid ionic liquids. Korean Journal of Chemical Engineering, 2009, 26, 1563-1567. | 2.7 | 19 |
| 110 | Preparation of 3,6-dibenzoylacenapthene in the presence of Lewis acidic ionic liquids. Reaction Kinetics and Catalysis Letters, 2009, 98, 355-363. | 0.6 | 10 |
| 111 | Comparative effects of five chelating agents on testicular toxicity in mice induced by acute exposure to cadmium. Toxicological and Environmental Chemistry, 2006, 88, 325-330. | 1.2 | 1 |