

Chungui Tian

List of Publications by Year in descending order

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132
papers

14,840
citations

24978

57
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18606

119
g-index

136
all docs

136
docs citations

136
times ranked

15889
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Two-dimensional porous Cu-CuO nanosheets: Integration of heterojunction and morphology engineering to achieve high-effective and stable reduction of the aromatic nitro-compounds. Chinese Chemical Letters, 2023, 34, 107295. | 4.8 | 7 |
| 2 | A dual-active Co-CoO heterojunction coupled with Ti3C2-MXene for highly-performance overall water splitting. Nano Research, 2022, 15, 238-247. | 5.8 | 66 |
| 3 | Vanadium-incorporated CoP ₂ with Lattice Expansion for Highly Efficient Acidic Overall Water Splitting. Angewandte Chemie, 2022, 134, . | 1.6 | 16 |
| 4 | Multi-touch cobalt phosphide-tungsten phosphide heterojunctions anchored on reduced graphene oxide boosting wide pH hydrogen evolution. Science China Materials, 2022, 65, 1225-1236. | 3.5 | 21 |
| 5 | Vanadium-incorporated CoP ₂ with Lattice Expansion for Highly Efficient Acidic Overall Water Splitting. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 85 |
| 6 | Integration of heterointerface and porosity engineering to achieve efficient hydrogen evolution of 2D porous NiMoN nanobelts coupled with Ni particles. Electrochimica Acta, 2022, 403, 139702. | 2.6 | 12 |
| 7 | Ni-promoted MoS ₂ in hollow zeolite nanoreactors: enhanced catalytic activity and stability for deep hydrodesulfurization. Journal of Materials Chemistry A, 2022, 10, 7263-7270. | 5.2 | 8 |
| 8 | The Fe ₃ Câ€“N Site Assists the Feâ€“N Site to Promote Activity of the Feâ€“Nâ€“C Electrocatalyst for Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2022, 10, 3346-3354. | 3.2 | 15 |
| 9 | Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. Angewandte Chemie, 2021, 133, 4865-4872. | 1.6 | 19 |
| 10 | Two-dimensional Porous Molybdenum Phosphide/Nitride Heterojunction Nanosheets for pH-Universal Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2021, 60, 6673-6681. | 7.2 | 227 |
| 11 | Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. Angewandte Chemie - International Edition, 2021, 60, 4815-4822. | 7.2 | 233 |
| 12 | One-dimensional CO ₉ S ₈ -V ₃ S ₄ heterojunctions as bifunctional electrocatalysts for highly efficient overall water splitting. Science China Materials, 2021, 64, 1396-1407. | 3.5 | 36 |
| 13 | Molten-Salt Technology Application for the Synthesis of Photocatalytic Materials. Energy Technology, 2021, 9, 2000945. | 1.8 | 9 |
| 14 | 2D porous molybdenum nitride/cobalt nitride heterojunction nanosheets with interfacial electron redistribution for effective electrocatalytic overall water splitting. Journal of Materials Chemistry A, 2021, 9, 8620-8629. | 5.2 | 72 |
| 15 | 2D thin sheets composed of Co _{5.47} Nâ€“MgO embedded in carbon as a durable catalyst for the reduction of aromatic nitro compounds. Materials Chemistry Frontiers, 2021, 5, 2798-2809. | 3.2 | 7 |
| 16 | Two-dimensional Porous Molybdenum Phosphide/Nitride Heterojunction Nanosheets for pH-Universal Hydrogen Evolution Reaction. Angewandte Chemie, 2021, 133, 6747-6755. | 1.6 | 25 |
| 17 | InnenrÃ¼cktitelbild: Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation (Angew. Chem. 9/2021). Angewandte Chemie, 2021, 133, 5003-5003. | 1.6 | 1 |
| 18 | Operando Cooperated Catalytic Mechanism of Atomically Dispersed Cuâ€“N ₄ and Znâ€“N ₄ for Promoting Oxygen Reduction Reaction. Angewandte Chemie, 2021, 133, 14124-14131. | 1.6 | 22 |

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|----|--|------|-----------|
| 19 | Operando Cooperated Catalytic Mechanism of Atomically Dispersed Cu ^{N<sub>4</sub>} and Zn ^{N<sub>4</sub>} for Promoting Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14005-14012. | 7.2 | 312 |
| 20 | Insight on the active sites of CoNi alloy embedded in N-doped carbon nanotubes for oxygen reduction reaction. <i>Science China Materials</i> , 2021, 64, 2719-2728. | 3.5 | 16 |
| 21 | Electronic Structure Modulation of Non-Noble-Metal-Based Catalysts for Biomass Electrooxidation Reactions. <i>Small Structures</i> , 2021, 2, 2100095. | 6.9 | 28 |
| 22 | Hollow CoP spheres assembled from porous nanosheets as high-rate and ultra-stable electrodes for advanced supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26226-26235. | 5.2 | 31 |
| 23 | Zn-Doped Porous CoNiP Nanosheet Arrays as Efficient and Stable Bifunctional Electrocatalysts for Overall Water Splitting. <i>Energy Technology</i> , 2020, 8, 1901079. | 1.8 | 20 |
| 24 | Cubic imidazolate frameworks-derived CoFe alloy nanoparticles-embedded N-doped graphitic carbon for discharging reaction of Zn-air battery. <i>Science China Materials</i> , 2020, 63, 327-338. | 3.5 | 51 |
| 25 | Promoting the spatial charge separation by building porous ZrO ₂ @TiO ₂ heterostructure toward photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 568-575. | 5.0 | 23 |
| 26 | A Single-Source Precursor Route toward Small-Sized Nickel Particles Embedded into SiO ₂ Sheet as Magnetic Separable Catalyst. <i>ChemistrySelect</i> , 2020, 5, 11708-11712. | 0.7 | 1 |
| 27 | Porous cobalt/tungsten nitride polyhedra as efficient bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22938-22946. | 5.2 | 56 |
| 28 | In situ intercalation and exploitation of Co ₃ O ₄ nanoparticles grown on carbon nitride nanosheets for highly efficient degradation of methylene blue. <i>Dalton Transactions</i> , 2020, 49, 14665-14672. | 1.6 | 12 |
| 29 | Facile immobilization of polyoxometalates for low-cost molybdenum/tungsten phosphide nanoparticles on carbon black for efficient electrocatalytic hydrogen evolution. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2590-2601. | 0.8 | 3 |
| 30 | Electronic Tuning of Ni by Mo Species for Highly Efficient Hydroisomerization of <i>n</i> -Alkanes Comparable to Pt-Based Catalysts. <i>ACS Catalysis</i> , 2020, 10, 10449-10458. | 5.5 | 63 |
| 31 | Porous Plate-like MoP Assembly as an Efficient pH-Universal Hydrogen Evolution Electrocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49596-49606. | 4.0 | 46 |
| 32 | Surface curvature-confined strategy to ultrasmall nickel-molybdenum sulfide nanoflakes for highly efficient deep hydrodesulfurization. <i>Nano Research</i> , 2020, 13, 882-890. | 5.8 | 22 |
| 33 | Interfacial Engineering of MoO ₂ @FeP Heterojunction for Highly Efficient Hydrogen Evolution Coupled with Biomass Electrooxidation. <i>Advanced Materials</i> , 2020, 32, e2000455. | 11.1 | 401 |
| 34 | A Promoted Charge Separation/Transfer System from Cu Single Atoms and C ₃ N ₄ Layers for Efficient Photocatalysis. <i>Advanced Materials</i> , 2020, 32, e2003082. | 11.1 | 333 |
| 35 | Cobalt nanoparticles decorated on nitrogen-doped graphene as excellent electromagnetic wave absorbent in Ku-band. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12044-12055. | 1.1 | 4 |
| 36 | A "competitive occupancy" strategy toward Co ^{N<sub>4</sub>} single-atom catalysts embedded in 2D TiN/rGO sheets for highly efficient and stable aromatic nitroreduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4807-4815. | 5.2 | 19 |

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|----|---|------|-----------|
| 37 | An effective "precursor-transformation" route toward the high-yield synthesis of ZIF-8 tubes. <i>Chemical Communications</i> , 2020, 56, 2913-2916. | 2.2 | 35 |
| 38 | In situ immobilization of ultra-fine Ag NPs onto magnetic Ag@RF@Fe ₃ O ₄ core-satellite nanocomposites for the rapid catalytic reduction of nitrophenols. <i>Water Research</i> , 2020, 179, 115882. | 5.3 | 87 |
| 39 | TiO ₂ -on-C ₃ N ₄ double-shell microtubes: In-situ fabricated heterostructures toward enhanced photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 22-30. | 5.0 | 46 |
| 40 | Effective Electrocatalytic Hydrogen Evolution in Neutral Medium Based on 2D MoP/MoS ₂ Heterostructure Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25986-25995. | 4.0 | 86 |
| 41 | B,N-Doped Defective Carbon Entangled Fe ₃ C Nanoparticles as the Superior Oxygen Reduction Electrocatalyst for Zn-Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19104-19112. | 3.2 | 48 |
| 42 | 3D hierarchical V-Ni-based nitride heterostructure as a highly efficient pH-universal electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15823-15830. | 5.2 | 100 |
| 43 | Co Nanoislands Rooted on Co-N-C Nanosheets as Efficient Oxygen Electrocatalyst for Zn-Air Batteries. <i>Advanced Materials</i> , 2019, 31, e1901666. | 11.1 | 455 |
| 44 | Anion-Modulated HER and OER Activities of 3D Ni-V-Based Interstitial Compound Heterojunctions for High-Efficiency and Stable Overall Water Splitting. <i>Advanced Materials</i> , 2019, 31, e1901174. | 11.1 | 479 |
| 45 | Cobalt Nickel Nitrogen Array as a Easily Recoverable, Effective Catalyst for Liquid-Phase Catalytic Reaction with Remarkable Recycled Stability. <i>ChemistrySelect</i> , 2019, 4, 3515-3523. | 0.7 | 3 |
| 46 | Porous NiCoP nanowalls as promising electrode with high-area and mass capacitance for supercapacitors. <i>Science China Materials</i> , 2019, 62, 1115-1126. | 3.5 | 42 |
| 47 | CoO-Mo ₂ N hollow heterostructure for high-efficiency electrocatalytic hydrogen evolution reaction. <i>NPG Asia Materials</i> , 2019, 11, . | 3.8 | 65 |
| 48 | N-doped carbon-coated Co ₃ O ₄ nanosheet array/carbon cloth for stable rechargeable Zn-air batteries. <i>Science China Materials</i> , 2019, 62, 624-632. | 3.5 | 34 |
| 49 | Molecule Self-Assembly Synthesis of Porous Few-Layer Carbon Nitride for Highly Efficient Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 2508-2515. | 6.6 | 685 |
| 50 | Cluster-like Co ₄ N embedded into carbon sphere as an efficient, magnetic-separated catalyst for catalytic hydrogenation. <i>ChemistrySelect</i> , 2019, 4, 90-99. | 0.7 | 7 |
| 51 | Trace Pt Clusters Dispersed on SAPO-11 Promoting the Synergy of Metal Sites with Acid Sites for High-Effective Hydroisomerization of <i>n</i> -Alkanes. <i>Small Methods</i> , 2019, 3, 1800510. | 4.6 | 34 |
| 52 | Ni ₂ P Entwined by Graphite Layers as a Low-Pt Electrocatalyst in Acidic Media for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9999-10010. | 4.0 | 34 |
| 53 | Trapping [PMo ₁₂ O ₄₀] ³⁻ clusters into pre-synthesized ZIF-67 toward Mo _x Co _x C particles confined in uniform carbon polyhedrons for efficient overall water splitting. <i>Chemical Science</i> , 2018, 9, 4746-4755. | 3.7 | 189 |
| 54 | Cobalt-vanadium bimetal-based nanoplates for efficient overall water splitting. <i>Science China Materials</i> , 2018, 61, 80-90. | 3.5 | 52 |

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|----|--|------|-----------|
| 55 | Ni ₃ S ₂ Nanosheets in Situ Epitaxially Grown on Nanorods as High Active and Stable Homo Junction Electrocatalyst for Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2018, 6, 2474-2481. | 3.2 | 72 |
| 56 | Synergism of molybdenum nitride and palladium for high-efficiency formic acid electrooxidation. Journal of Materials Chemistry A, 2018, 6, 7623-7630. | 5.2 | 54 |
| 57 | Integrating the active OER and HER components as the heterostructures for the efficient overall water splitting. Nano Energy, 2018, 44, 353-363. | 8.2 | 516 |
| 58 | Holey Reduced Graphene Oxide Coupled with an Mo ₂ N@Mo ₂ C Heterojunction for Efficient Hydrogen Evolution. Advanced Materials, 2018, 30, 1704156. | 11.1 | 459 |
| 59 | A Stable Bifunctional Catalyst for Rechargeable Zinc@Air Batteries: Iron@Cobalt Nanoparticles Embedded in a Nitrogen-Doped 3D Carbon Matrix. Angewandte Chemie - International Edition, 2018, 57, 16166-16170. | 7.2 | 365 |
| 60 | A MOFs plus MOFs strategy toward Co@Mo ₂ N tubes for efficient electrocatalytic overall water splitting. Journal of Materials Chemistry A, 2018, 6, 20100-20109. | 5.2 | 131 |
| 61 | A Stable Bifunctional Catalyst for Rechargeable Zinc@Air Batteries: Iron@Cobalt Nanoparticles Embedded in a Nitrogen-Doped 3D Carbon Matrix. Angewandte Chemie, 2018, 130, 16398-16402. | 1.6 | 64 |
| 62 | Porous NiCo nanosheets as efficient and stable positive electrodes for advanced asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 17905-17914. | 5.2 | 189 |
| 63 | Assembly of TiO ₂ ultrathin nanosheets with surface lattice distortion for solar-light-driven photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 239, 317-323. | 10.8 | 77 |
| 64 | Highly Efficient, Stable Electrocatalytic Hydrogen Evolution in Acid Media by Amorphous Fe ₃ P Coating Fe ₂ N Supported on Reduced Graphene Oxide. Small, 2018, 14, e1801717. | 5.2 | 72 |
| 65 | 2-D porous Ni ₃ N@Co ₃ N hybrids derived from ZIF-67/Ni(OH) ₂ sheets as a magnetically separable catalyst for hydrogenation reactions. Chemical Communications, 2018, 54, 11088-11091. | 2.2 | 33 |
| 66 | Hierarchical porous NiCo ₂ O ₄ nanosheet arrays directly grown on carbon cloth with superior lithium storage performance. Dalton Transactions, 2017, 46, 4717-4723. | 1.6 | 32 |
| 67 | A general strategy toward the large-scale synthesis of the noble metal-oxide nanocrystal hybrids with intimate interfacial contact for the catalytic reduction of p-nitrophenol and photocatalytic degradation of pollutants. Research on Chemical Intermediates, 2017, 43, 4759-4779. | 1.3 | 4 |
| 68 | Promising biomass-derived hierarchical porous carbon material for high performance supercapacitor. RSC Advances, 2017, 7, 10385-10390. | 1.7 | 46 |
| 69 | Gelatin-assisted synthesis of ZnS hollow nanospheres: the microstructure tuning, formation mechanism and application for Pt-free photocatalytic hydrogen production. CrystEngComm, 2017, 19, 461-468. | 1.3 | 17 |
| 70 | Layer Stacked Iodine and Phosphorus Co-doped C ₃ N ₄ for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. ChemCatChem, 2017, 9, 4083-4089. | 1.8 | 36 |
| 71 | Inorganic acid-derived hydrogen-bonded organic frameworks to form nitrogen-rich carbon nitrides for photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 21979-21985. | 5.2 | 69 |
| 72 | Self-supported Ni ₆ MnO ₈ 3D mesoporous nanosheet arrays with ultrahigh lithium storage properties and conversion mechanism by in-situ XAFS. Nano Research, 2017, 10, 263-275. | 5.8 | 23 |

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|----|---|-----|-----------|
| 73 | Synergistic Effect of Tungsten Nitride and Palladium for the Selective Hydrogenation of Cinnamaldehyde at the C=C bond. <i>ChemCatChem</i> , 2016, 8, 1718-1726. | 1.8 | 26 |
| 74 | Phosphorus-Doped Carbon Nitride Tubes with a Layered Micro-nanostructure for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1830-1834. | 7.2 | 869 |
| 75 | Phosphorus-Doped Carbon Nitride Tubes with a Layered Micro-nanostructure for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016, 128, 1862-1866. | 1.6 | 173 |
| 76 | Graphene-like nanocomposites anchored by Ni ₃ S ₂ slices for Li-ion storage. <i>RSC Advances</i> , 2016, 6, 48083-48088. | 1.7 | 23 |
| 77 | Constructing B and N separately co-doped carbon nanocapsules-wrapped Fe/Fe ₃ C for oxygen reduction reaction with high current density. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26572-26578. | 1.3 | 12 |
| 78 | A hybridized heterojunction structure between TiO ₂ nanorods and exfoliated graphitic carbon-nitride sheets for hydrogen evolution under visible light. <i>CrystEngComm</i> , 2016, 18, 6875-6880. | 1.3 | 13 |
| 79 | In situ synthesis, enhanced luminescence and application in dye sensitized solar cells of Y ₂ O ₃ /Y ₂ O ₃ :Eu ³⁺ nanocomposites by reduction of Y ₂ O ₃ :Eu ³⁺ . <i>Scientific Reports</i> , 2016, 6, 37133. | 1.6 | 38 |
| 80 | An effective poly(p-phenylenevinylene) polymer adhesion route toward three-dimensional nitrogen-doped carbon nanotube/reduced graphene oxide composite for direct electrocatalytic oxygen reduction. <i>Nano Research</i> , 2016, 9, 3364-3376. | 5.8 | 19 |
| 81 | Cluster-like molybdenum phosphide anchored on reduced graphene oxide for efficient hydrogen evolution over a broad pH range. <i>Chemical Communications</i> , 2016, 52, 9530-9533. | 2.2 | 102 |
| 82 | Small-sized tungsten nitride anchoring into a 3D CNT-rGO framework as a superior bifunctional catalyst for the methanol oxidation and oxygen reduction reactions. <i>Nano Research</i> , 2016, 9, 329-343. | 5.8 | 75 |
| 83 | A α -methylimidazole-fixation route to anchor small-sized nitrides on carbon supports as non-Pt catalysts for the hydrogen evolution reaction. <i>RSC Advances</i> , 2016, 6, 29303-29307. | 1.7 | 29 |
| 84 | Synergistic effect of Mo ₂ N and Pt for promoted selective hydrogenation of cinnamaldehyde over Pt-Mo ₂ N/SBA-15. <i>Catalysis Science and Technology</i> , 2016, 6, 2403-2412. | 2.1 | 58 |
| 85 | GO-induced assembly of gelatin toward stacked layer-like porous carbon for advanced supercapacitors. <i>Nanoscale</i> , 2016, 8, 2418-2427. | 2.8 | 69 |
| 86 | A Platinum-Vanadium Nitride/Porous Graphitic Nanocarbon Composite as an Excellent Catalyst for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2015, 2, 1813-1820. | 1.7 | 14 |
| 87 | ZnO-dotted porous ZnS cluster microspheres for high efficient, Pt-free photocatalytic hydrogen evolution. <i>Scientific Reports</i> , 2015, 5, 8858. | 1.6 | 34 |
| 88 | From graphite to porous graphene-like nanosheets for high rate lithium-ion batteries. <i>Nano Research</i> , 2015, 8, 2998-3010. | 5.8 | 76 |
| 89 | A novel Fe ₃ C/graphitic carbon composite with electromagnetic wave absorption properties in the C-band. <i>RSC Advances</i> , 2015, 5, 60135-60140. | 1.7 | 45 |
| 90 | A hierarchical porous carbon material from a loofah sponge network for high performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 42430-42437. | 1.7 | 86 |

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|-----|--|------|-----------|
| 91 | Phosphorus-Modified Tungsten Nitride/Reduced Graphene Oxide as a High-Performance, Non-Noble-Metal Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6325-6329. | 7.2 | 515 |
| 92 | Silica direct evaporation: a size-controlled approach to SiC/carbon nanosheet composites as Pt catalyst supports for superior methanol electrooxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24139-24147. | 5.2 | 20 |
| 93 | Nitrogen-doped graphene supported Pd@PdO core-shell clusters for C-C coupling reactions. <i>Nano Research</i> , 2014, 7, 1280-1290. | 5.8 | 66 |
| 94 | Heterojunction Ag-TiO ₂ Nanopillars for Visible-Light-Driven Photocatalytic H ₂ Production. <i>ChemPlusChem</i> , 2014, 79, 995-1000. | 1.3 | 15 |
| 95 | Hierarchical composites of TiO ₂ nanowire arrays on reduced graphene oxide nanosheets with enhanced photocatalytic hydrogen evolution performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4366-4374. | 5.2 | 112 |
| 96 | In situ growth of Bi ₂ MoO ₆ on reduced graphene oxide nanosheets for improved visible-light photocatalytic activity. <i>CrystEngComm</i> , 2014, 16, 842-849. | 1.3 | 80 |
| 97 | Intermittent microwave heating-promoted rapid fabrication of sheet-like Ag assemblies and small-sized Ag particles and their use as co-catalyst of ZnO for enhanced photocatalysis. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3015. | 5.2 | 19 |
| 98 | A New Combustion Route to Synthesize Mixed Valence Vanadium Oxide Heterojunction Composites as Visible-Light-Driven Photocatalysts. <i>ChemCatChem</i> , 2014, 6, 2553-2559. | 1.8 | 12 |
| 99 | Small-sized and high-dispersed WN from [SiO ₄ (W ₃ O ₉) ₄] ⁴⁻ clusters loading on GO-derived graphene as promising carriers for methanol electro-oxidation. <i>Energy and Environmental Science</i> , 2014, 7, 1939-1949. | 15.6 | 130 |
| 100 | Isolated Boron and Nitrogen Sites on Porous Graphitic Carbon Synthesized from Nitrogen-Containing Chitosan for Supercapacitors. <i>ChemSusChem</i> , 2014, 7, 1637-1646. | 3.6 | 128 |
| 101 | B and N isolate-doped graphitic carbon nanosheets from nitrogen-containing ion-exchanged resins for enhanced oxygen reduction. <i>Scientific Reports</i> , 2014, 4, 5184. | 1.6 | 68 |
| 102 | Growth of small sized CeO ₂ particles in the interlayers of expanded graphite for high-performance room temperature NO _x gas sensors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12742. | 5.2 | 96 |
| 103 | A Floating Porous Crystalline TiO ₂ Ceramic with Enhanced Photocatalytic Performance for Wastewater Decontamination. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2411-2417. | 1.0 | 59 |
| 104 | Single-step pyrolytic preparation of Mo ₂ C/graphitic carbon nanocomposite as catalyst carrier for the direct liquid-feed fuel cells. <i>RSC Advances</i> , 2013, 3, 4771. | 1.7 | 27 |
| 105 | Facile synthesis and shape control of Fe ₃ O ₄ nanocrystals with good dispersion and stabilization. <i>CrystEngComm</i> , 2013, 15, 3366. | 1.3 | 19 |
| 106 | Hierarchical flake-like Bi ₂ MoO ₆ /TiO ₂ bilayer films for visible-light-induced self-cleaning applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6961. | 5.2 | 102 |
| 107 | A novel Ag/graphene composite: facile fabrication and enhanced antibacterial properties. <i>Journal of Materials Science</i> , 2013, 48, 1980-1985. | 1.7 | 40 |
| 108 | Hierarchical Composite of Ag/AgBr Nanoparticles Supported on Bi ₂ MoO ₆ Hollow Spheres for Enhanced Visible-Light Photocatalytic Performance. <i>ChemPlusChem</i> , 2013, 78, 117-123. | 1.3 | 58 |

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|-----|---|-----|-----------|
| 109 | Confinement Effect on Ag Clusters in the Channels of Well-Ordered Mesoporous TiO ₂ and their Enhanced Photocatalytic Performance. <i>ChemCatChem</i> , 2013, 5, 1354-1358. | 1.8 | 13 |
| 110 | In-situ Fabrication of Ag/Ag ₃ PO ₄ /Graphene Triple Heterostructure Visible-Light Photocatalyst through Graphene-Assisted Reduction Strategy. <i>ChemCatChem</i> , 2013, 5, 1359-1367. | 1.8 | 54 |
| 111 | Facile synthesis of sheet-like ZnO assembly composed of small ZnO particles for highly efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5700. | 5.2 | 170 |
| 112 | A facile and green synthesis route towards two-dimensional TiO ₂ @Ag heterojunction structure with enhanced visible light photocatalytic activity. <i>CrystEngComm</i> , 2013, 15, 5821. | 1.3 | 25 |
| 113 | From coconut shell to porous graphene-like nanosheets for high-power supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6462. | 5.2 | 794 |
| 114 | Cost-effective large-scale synthesis of ZnO photocatalyst with excellent performance for dye photodegradation. <i>Chemical Communications</i> , 2012, 48, 2858. | 2.2 | 515 |
| 115 | Highly dispersed Ni-decorated porous hollow carbon nanofibers: fabrication, characterization, and NO _x gas sensors at room temperature. <i>Journal of Materials Chemistry</i> , 2012, 22, 24814. | 6.7 | 35 |
| 116 | Controlled synthesis of thorny anatase TiO ₂ tubes for construction of Ag@AgBr/TiO ₂ composites as highly efficient simulated solar-light photocatalyst. <i>Journal of Materials Chemistry</i> , 2012, 22, 2081-2088. | 6.7 | 84 |
| 117 | NaYF ₄ :Er ³⁺ /Yb ³⁺ @graphene composites: preparation, upconversion luminescence, and application in dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 20381. | 6.7 | 63 |
| 118 | A novel soft template strategy to fabricate mesoporous carbon/graphene composites as high-performance supercapacitor electrodes. <i>RSC Advances</i> , 2012, 2, 8359. | 1.7 | 82 |
| 119 | A facile one-pot route for the controllable growth of small sized and well-dispersed ZnO particles on GO-derived graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 11778. | 6.7 | 159 |
| 120 | Nitrogen-doped graphene with high nitrogen level via a one-step hydrothermal reaction of graphene oxide with urea for superior capacitive energy storage. <i>RSC Advances</i> , 2012, 2, 4498. | 1.7 | 696 |
| 121 | In Situ Reduction, Oxygen Etching, and Reduction Using Formic Acid: An Effective Strategy for Controllable Growth of Monodisperse Palladium Nanoparticles on Graphene. <i>ChemPlusChem</i> , 2012, 77, 301-307. | 1.3 | 18 |
| 122 | Fabrication of a 3D Hierarchical Flower-Like MgO Microsphere and Its Application as Heterogeneous Catalyst. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 954-960. | 1.0 | 27 |
| 123 | Graphitic Carbon Nanocapsules: Scaled Preparation, Formation Mechanism, and Use as an Excellent Support for Methanol Electro-oxidation. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 961-968. | 1.0 | 13 |
| 124 | An effective strategy for small-sized and highly-dispersed palladium nanoparticles supported on graphene with excellent performance for formic acid oxidation. <i>Journal of Materials Chemistry</i> , 2011, 21, 3384. | 6.7 | 235 |
| 125 | Facile solvothermal synthesis of hierarchical flower-like Bi ₂ MoO ₆ hollow spheres as high performance visible-light driven photocatalysts. <i>Journal of Materials Chemistry</i> , 2011, 21, 887-892. | 6.7 | 427 |
| 126 | Magnetically separable porous graphitic carbon with large surface area as excellent adsorbents for metal ions and dye. <i>Journal of Materials Chemistry</i> , 2011, 21, 7232. | 6.7 | 85 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | 3D hierarchical flower-like TiO ₂ nanostructure: morphology control and its photocatalytic property. CrystEngComm, 2011, 13, 2994. | 1.3 | 237 |
| 128 | One-pot synthesis of silver particle aggregation as highly active SERS substrate. Journal of Raman Spectroscopy, 2011, 42, 5-11. | 1.2 | 19 |
| 129 | Well-Ordered Large-Pore Mesoporous Anatase TiO ₂ with Remarkably High Thermal Stability and Improved Crystallinity: Preparation, Characterization, and Photocatalytic Performance. Advanced Functional Materials, 2011, 21, 1922-1930. | 7.8 | 431 |
| 130 | Solvothermal Synthesis, Characterization, and Formation Mechanism of a Single-Layer Anatase TiO ₂ Nanosheet with a Porous Structure. European Journal of Inorganic Chemistry, 2011, 2011, 754-760. | 1.0 | 22 |
| 131 | Dye-Sensitised Solar Cells Based on Large-Pore Mesoporous TiO ₂ with Controllable Pore Diameters. European Journal of Inorganic Chemistry, 2011, 2011, 4730-4737. | 1.0 | 12 |
| 132 | Simple Strategy for Preparation of Core Colloids Modified with Metal Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 3651-3657. | 1.5 | 87 |