

Run Shi

List of Publications by Year in descending order

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135
papers

17,280
citations

23500

58
h-index

14156

128
g-index

137
all docs

137
docs citations

137
times ranked

15945
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Efficient photocatalytic aerobic oxidation of bisphenol A via gas-liquid-solid triphase interfaces. <i>Materials Today Energy</i> , 2022, 23, 100908. | 2.5 | 12 |
| 2 | Photothermal methane coupling into liquid fuels with hydrogen evolution over nanocatalysts based on layered double hydroxide (LDH). <i>Nanotechnology</i> , 2022, 33, 185401. | 1.3 | 1 |
| 3 | Atom manufacturing of photocatalyst towards solar CO ₂ reduction. <i>Reports on Progress in Physics</i> , 2022, 85, 026501. | 8.1 | 8 |
| 4 | Photothermal-Assisted Photocatalytic Nitrogen Oxidation to Nitric Acid on Palladium-Decorated Titanium Oxide. <i>Advanced Energy Materials</i> , 2022, 12, . | 10.2 | 34 |
| 5 | Vertical graphene array for efficient electrocatalytic reduction of oxygen to hydrogen peroxide. <i>Nano Energy</i> , 2022, 96, 107046. | 8.2 | 37 |
| 6 | Triphase Photocatalytic CO ₂ Reduction over Silver-Decorated Titanium Oxide at a Gas-Water Boundary. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 7.2 | 88 |
| 7 | Triphase Photocatalytic CO ₂ Reduction over Silver-Decorated Titanium Oxide at a Gas-Water Boundary. <i>Angewandte Chemie</i> , 2022, 134, . | 1.6 | 33 |
| 8 | Layered Double Hydroxide Engineering for the Photocatalytic Conversion of Inactive Carbon and Nitrogen Molecules. <i>ACS ES&T Engineering</i> , 2022, 2, 1088-1102. | 3.7 | 12 |
| 9 | Strain Engineering: A Boosting Strategy for Photocatalysis. <i>Advanced Materials</i> , 2022, 34, e2200868. | 11.1 | 82 |
| 10 | Carbon Dots as New Building Blocks for Electrochemical Energy Storage and Electrocatalysis. <i>Advanced Energy Materials</i> , 2022, 12, . | 10.2 | 81 |
| 11 | Fe Single-Atom Catalysts on MOF-Derived Carbon for Efficient Oxygen Reduction Reaction in Proton Exchange Membrane Fuel Cells. <i>Advanced Energy Materials</i> , 2022, 12, . | 10.2 | 150 |
| 12 | Interfacial wettability and mass transfer characterizations for gas-liquid-solid triphase catalysis. <i>Exploration</i> , 2022, 2, . | 5.4 | 21 |
| 13 | Highly accessible and dense surface single metal FeN ₄ active sites for promoting the oxygen reduction reaction. <i>Energy and Environmental Science</i> , 2022, 15, 2619-2628. | 15.6 | 82 |
| 14 | Progress and Prospect of Photothermal Catalysis. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 723-734. | 1.3 | 34 |
| 15 | NiFe Nanoalloys Derived from Layered Double Hydroxides for Photothermal Synergistic Reforming of CH ₄ with CO ₂ . <i>Advanced Functional Materials</i> , 2022, 32, . | 7.8 | 35 |
| 16 | Subsurface oxygen defects electronically interacting with active sites on In ₂ O ₃ for enhanced photothermocatalytic CO ₂ reduction. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 70 |
| 17 | Photodriven CO ₂ Hydrogenation into Diverse Products: Recent Progress and Perspective. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5291-5303. | 2.1 | 18 |
| 18 | Light-Driven Hydrogen Production from Steam Methane Reforming via Bimetallic PdNi Catalysts Derived from Layered Double Hydroxide Nanosheets. <i>Energy & Fuels</i> , 2022, 36, 11627-11635. | 2.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Synergistic effect of triphase interface and fluid control for efficient photosynthesis of residue-free H ₂ O ₂ . <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121731. | 10.8 | 10 |
| 20 | Integrated analysis of single-cell RNA-seq and bulk RNA-seq unravels tumour heterogeneity plus M2-like tumour-associated macrophage infiltration and aggressiveness in TNBC. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 189-202. | 2.0 | 82 |
| 21 | Sub-3 nm Ultrafine Cu ₂ O for Visible Light Driven Nitrogen Fixation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2554-2560. | 7.2 | 134 |
| 22 | Sub-3 nm Ultrafine Cu ₂ O for Visible Light Driven Nitrogen Fixation. <i>Angewandte Chemie</i> , 2021, 133, 2584-2590. | 1.6 | 13 |
| 23 | Research Progress on Triphase Interface Electrocatalytic Carbon Dioxide Reduction. <i>Acta Chimica Sinica</i> , 2021, 79, 369. | 0.5 | 4 |
| 24 | Fe-Based Catalysts for the Direct Photohydrogenation of CO ₂ to Value-Added Hydrocarbons. <i>Advanced Energy Materials</i> , 2021, 11, 2002783. | 10.2 | 90 |
| 25 | A Multichannel Ca ²⁺ Nanomodulator for Multilevel Mitochondrial Destruction-Mediated Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007426. | 11.1 | 177 |
| 26 | Radiotherapy of oligometastatic prostate cancer: a systematic review. <i>Radiation Oncology</i> , 2021, 16, 50. | 1.2 | 37 |
| 27 | Recent Advancements of Porphyrin-Like Single-Atom Catalysts: Synthesis and Applications. <i>Small Structures</i> , 2021, 2, 2100007. | 6.9 | 77 |
| 28 | Meiotic nuclear divisions 1 (MND1) fuels cell cycle progression by activating a KLF6/E2F1 positive feedback loop in lung adenocarcinoma. <i>Cancer Communications</i> , 2021, 41, 492-510. | 3.7 | 17 |
| 29 | Efficient Combination of G ₃ N ₄ and CDs for Enhanced Photocatalytic Performance: A Review of Synthesis, Strategies, and Applications. <i>Small</i> , 2021, 17, e2007523. | 5.2 | 93 |
| 30 | Ni-based catalysts derived from layered-double-hydroxide nanosheets for efficient photothermal CO ₂ reduction under flow-type system. <i>Nano Research</i> , 2021, 14, 4828-4832. | 5.8 | 62 |
| 31 | Rationally Designed Ni ₃ S ₂ Interfaces for Efficient Overall Water Electrolysis. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100078. | 2.8 | 40 |
| 32 | Layered double hydroxide-based photocatalytic materials toward renewable solar fuels production. <i>Informa-Materials</i> , 2021, 3, 719-738. | 8.5 | 105 |
| 33 | MLKL promotes cellular differentiation in myeloid leukemia by facilitating the release of G-CSF. <i>Cell Death and Differentiation</i> , 2021, 28, 3235-3250. | 5.0 | 9 |
| 34 | Outcomes of metastasis-directed therapy of bone oligometastatic prostate cancer. <i>Radiation Oncology</i> , 2021, 16, 125. | 1.2 | 17 |
| 35 | Room-temperature electrochemical acetylene reduction to ethylene with high conversion and selectivity. <i>Nature Catalysis</i> , 2021, 4, 565-574. | 16.1 | 121 |
| 36 | Titanium-Supported Ni ₂ P/Ni Catalysts for Selective Solar-Driven CO Hydrogenation. <i>Advanced Materials</i> , 2021, 33, e2103248. | 11.1 | 41 |

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|----|--|------|-----------|
| 37 | Reversible isomerization of metal nanoclusters induced by intermolecular interaction. <i>CheM</i> , 2021, 7, 2227-2244. | 5.8 | 38 |
| 38 | Revealing Ammonia Quantification Minefield in Photo/Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21728-21731. | 7.2 | 63 |
| 39 | Revealing Ammonia Quantification Minefield in Photo/Electrocatalysis. <i>Angewandte Chemie</i> , 2021, 133, 21896-21899. | 1.6 | 8 |
| 40 | Photothermal-Assisted Triphase Photocatalysis Over a Multifunctional Bilayer Paper. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22963-22969. | 7.2 | 76 |
| 41 | Enhancing the Supply of Activated Hydrogen to Promote Photocatalytic Nitrogen Fixation. , 2021, 3, 1521-1527. | | 35 |
| 42 | Photothermal-Assisted Triphase Photocatalysis Over a Multifunctional Bilayer Paper. <i>Angewandte Chemie</i> , 2021, 133, 23145-23151. | 1.6 | 12 |
| 43 | Preferentially released miR-122 from cyclodextrin-based star copolymer nanoparticle enhances hepatoma chemotherapy by apoptosis induction and cytotoxic efflux inhibition. <i>Bioactive Materials</i> , 2021, 6, 3744-3755. | 8.6 | 18 |
| 44 | Three-phase electrochemistry for green ethylene production. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100789. | 2.5 | 6 |
| 45 | Characterization of immune landscape in papillary thyroid cancer reveals distinct tumor immunogenicity and implications for immunotherapy. <i>Oncotmunology</i> , 2021, 10, e1964189. | 2.1 | 24 |
| 46 | Identification and validation of hypoxia-derived gene signatures to predict clinical outcomes and therapeutic responses in stage I lung adenocarcinoma patients. <i>Theranostics</i> , 2021, 11, 5061-5076. | 4.6 | 48 |
| 47 | Three Phase Interface Engineering for Advanced Catalytic Applications. <i>ACS Applied Energy Materials</i> , 2021, 4, 1045-1052. | 2.5 | 22 |
| 48 | Flux-Assisted Low Temperature Synthesis of SnNb ₂ O ₆ Nanoplates with Enhanced Visible Light Driven Photocatalytic H ₂ -Production. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23219-23225. | 1.5 | 8 |
| 49 | Nanostructured Photothermal Materials for Environmental and Catalytic Applications. <i>Molecules</i> , 2021, 26, 7552. | 1.7 | 12 |
| 50 | Two-dimensional photocatalyst design: A critical review of recent experimental and computational advances. <i>Materials Today</i> , 2020, 34, 78-91. | 8.3 | 253 |
| 51 | Manganese Oxide Modified Nickel Catalysts for Photothermal CO Hydrogenation to Light Olefins. <i>Advanced Energy Materials</i> , 2020, 10, 1902860. | 10.2 | 56 |
| 52 | Wettability controlled photocatalytic reactive oxygen generation and <i>Klebsiella pneumoniae</i> inactivation over triphase systems. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118518. | 10.8 | 52 |
| 53 | Hollow PtFe Alloy Nanoparticles Derived from Pt ₃ O ₄ Dimers through a Silica-Protection Reduction Strategy as Efficient Oxygen Reduction Electrocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 4090-4096. | 1.7 | 49 |
| 54 | A Novel Gene Signature-Based Model Predicts Biochemical Recurrence-Free Survival in Prostate Cancer Patients after Radical Prostatectomy. <i>Cancers</i> , 2020, 12, 1. | 1.7 | 300 |

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|----|--|------|-----------|
| 55 | Tumor microenvironment characterization in head and neck squamous carcinoma reveals distinct genomic alterations and clinical outcomes. <i>Clinical and Translational Medicine</i> , 2020, 10, e187. | 1.7 | 2 |
| 56 | Underwater superaerophobic Ni nanoparticle-decorated nickel–molybdenum nitride nanowire arrays for hydrogen evolution in neutral media. <i>Nano Energy</i> , 2020, 78, 105375. | 8.2 | 148 |
| 57 | Development and validation of a hypoxia-related gene signature to predict overall survival in early-stage lung adenocarcinoma patients. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093790. | 1.4 | 39 |
| 58 | Alkali Etching of Layered Double Hydroxide Nanosheets for Enhanced Photocatalytic N ₂ Reduction to NH ₃ . <i>Advanced Energy Materials</i> , 2020, 10, 2002199. | 10.2 | 185 |
| 59 | Electrochemical urea production directly from N ₂ and CO ₂ in ambient aqueous media. <i>Science China Chemistry</i> , 2020, 63, 1580-1581. | 4.2 | 7 |
| 60 | Cell cycle progression score as a predictive biomarker for overall survival in patients with adrenocortical carcinoma. <i>Clinical and Translational Medicine</i> , 2020, 10, e138. | 1.7 | 0 |
| 61 | Dual Hypoxia-Targeting RNAi Nanomedicine for Precision Cancer Therapy. <i>Nano Letters</i> , 2020, 20, 4857-4863. | 4.5 | 42 |
| 62 | Recent Advances in Conjugated Polymers for Visible-Light-Driven Water Splitting. <i>Advanced Materials</i> , 2020, 32, e1907296. | 11.1 | 279 |
| 63 | Establishment and Validation of an Individualized Cell Cycle Process-Related Gene Signature to Predict Cancer-Specific Survival in Patients with Bladder Cancer. <i>Cancers</i> , 2020, 12, 1146. | 1.7 | 8 |
| 64 | Tubular assemblies of N-doped carbon nanotubes loaded with NiFe alloy nanoparticles as efficient bifunctional catalysts for rechargeable zinc-air batteries. <i>Nanoscale</i> , 2020, 12, 13129-13136. | 2.8 | 110 |
| 65 | Efficient wettability-controlled electroreduction of CO ₂ to CO at Au/C interfaces. <i>Nature Communications</i> , 2020, 11, 3028. | 5.8 | 294 |
| 66 | Revealing active sites in N-doped carbon for CO ₂ electroreduction by well-defined molecular model catalysts. <i>Science Bulletin</i> , 2020, 65, 781-782. | 4.3 | 4 |
| 67 | Recent advances in niobium-based semiconductors for solar hydrogen production. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213399. | 9.5 | 57 |
| 68 | Mast cell-based molecular subtypes and signature associated with clinical outcome in early-stage lung adenocarcinoma. <i>Molecular Oncology</i> , 2020, 14, 917-932. | 2.1 | 36 |
| 69 | How to make use of methanol in green catalytic hydrogen production?. <i>Nano Select</i> , 2020, 1, 12-29. | 1.9 | 60 |
| 70 | Single-atom Ni integrated gas diffusion electrode for high performance carbon dioxide electroreduction. <i>Science Bulletin</i> , 2020, 65, 696-697. | 4.3 | 2 |
| 71 | Fe–CeO ₂ nanocomposites: an efficient and highly selective catalyst system for photothermal CO ₂ reduction to CO. <i>NPG Asia Materials</i> , 2020, 12, . | 3.8 | 76 |
| 72 | Efficient Photocatalytic Nitrogen Fixation over Cu ⁺ -Modified Defective ZnAl ₂ Layered Double Hydroxide Nanosheets. <i>Advanced Energy Materials</i> , 2020, 10, 1901973. | 10.2 | 173 |

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|----|--|------|-----------|
| 73 | Immune landscape and a novel immunotherapy-related gene signature associated with clinical outcome in early-stage lung adenocarcinoma. <i>Journal of Molecular Medicine</i> , 2020, 98, 805-818. | 1.7 | 19 |
| 74 | High-efficiency Oxygen Reduction to Hydrogen Peroxide Catalyzed by Nickel Single-Atom Catalysts with Tetradentate N ₂ O ₂ Coordination in a Three-Phase Flow Cell. <i>Angewandte Chemie</i> , 2020, 132, 13157-13162. | 1.6 | 16 |
| 75 | High-efficiency Oxygen Reduction to Hydrogen Peroxide Catalyzed by Nickel Single-Atom Catalysts with Tetradentate N ₂ O ₂ Coordination in a Three-Phase Flow Cell. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13057-13062. | 7.2 | 222 |
| 76 | Selective photocatalytic CO ₂ reduction over Zn-based layered double hydroxides containing tri or tetravalent metals. <i>Science Bulletin</i> , 2020, 65, 987-994. | 4.3 | 205 |
| 77 | The Journey toward Low Temperature, Low Pressure Catalytic Nitrogen Fixation. <i>Advanced Energy Materials</i> , 2020, 10, 2000659. | 10.2 | 127 |
| 78 | Photocatalytic ammonia synthesis: Recent progress and future. <i>EnergyChem</i> , 2019, 1, 100013. | 10.1 | 204 |
| 79 | A universal ligand mediated method for large scale synthesis of transition metal single atom catalysts. <i>Nature Communications</i> , 2019, 10, 4585. | 5.8 | 441 |
| 80 | Development of a membrane lipid metabolism-based signature to predict overall survival for personalized medicine in ccRCC patients. <i>EPMA Journal</i> , 2019, 10, 383-393. | 3.3 | 14 |
| 81 | Defect Engineering in Photocatalytic Nitrogen Fixation. <i>ACS Catalysis</i> , 2019, 9, 9739-9750. | 5.5 | 286 |
| 82 | Immune Landscape of Invasive Ductal Carcinoma Tumor Microenvironment Identifies a Prognostic and Immunotherapeutically Relevant Gene Signature. <i>Frontiers in Oncology</i> , 2019, 9, 903. | 1.3 | 35 |
| 83 | A Simple Synthetic Strategy toward Defect-rich Porous Monolayer NiFe-layered Double Hydroxide Nanosheets for Efficient Electrocatalytic Water Oxidation. <i>Advanced Energy Materials</i> , 2019, 9, 1900881. | 10.2 | 363 |
| 84 | A novel 4-gene signature for overall survival prediction in lung adenocarcinoma patients with lymph node metastasis. <i>Cancer Cell International</i> , 2019, 19, 100. | 1.8 | 59 |
| 85 | A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8443-8447. | 7.2 | 37 |
| 86 | A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie</i> , 2019, 131, 8531-8535. | 1.6 | 5 |
| 87 | Prognostic and Predictive Value of Three DNA Methylation Signatures in Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 2019, 10, 349. | 1.1 | 56 |
| 88 | Low GAS5 Levels as a Predictor of Poor Survival in Patients with Lower-Grade Gliomas. <i>Journal of Oncology</i> , 2019, 2019, 1-15. | 0.6 | 40 |
| 89 | Supramolecular precursor strategy for the synthesis of holey graphitic carbon nitride nanotubes with enhanced photocatalytic hydrogen evolution performance. <i>Nano Research</i> , 2019, 12, 2385-2389. | 5.8 | 192 |
| 90 | Three-dimensional porous g-C ₃ N ₄ for highly efficient photocatalytic overall water splitting. <i>Nano Energy</i> , 2019, 59, 644-650. | 8.2 | 553 |

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|-----|---|------|-----------|
| 91 | Von Sonnenlicht zu Brennstoffen: aktuelle Fortschritte der C ₁ -Solarchemie. Angewandte Chemie, 2019, 131, 17690-17715. | 1.6 | 31 |
| 92 | From Solar Energy to Fuels: Recent Advances in Light-Driven C ₁ Chemistry. Angewandte Chemie - International Edition, 2019, 58, 17528-17551. | 7.2 | 285 |
| 93 | Tuning Oxygen Vacancies in Ultrathin TiO ₂ Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. Advanced Materials, 2019, 31, e1806482. | 11.1 | 732 |
| 94 | Intrinsic Carbon-Defect-Driven Electrocatalytic Reduction of Carbon Dioxide. Advanced Materials, 2019, 31, e1808276. | 11.1 | 263 |
| 95 | Photothermal hydrocarbon synthesis using alumina-supported cobalt metal nanoparticle catalysts derived from layered-double-hydroxide nanosheets. Nano Energy, 2019, 60, 467-475. | 8.2 | 67 |
| 96 | Pd Single-Atom Catalysts on Nitrogen-Doped Graphene for the Highly Selective Photothermal Hydrogenation of Acetylene to Ethylene. Advanced Materials, 2019, 31, e1900509. | 11.1 | 262 |
| 97 | Two-dimensional Sn ₂ Ta ₂ O ₇ nanosheets as efficient visible light-driven photocatalysts for hydrogen evolution. Rare Metals, 2019, 38, 397-403. | 3.6 | 49 |
| 98 | Ammonia Detection Methods in Photocatalytic and Electrocatalytic Experiments: How to Improve the Reliability of NH ₃ Production Rates?. Advanced Science, 2019, 6, 1802109. | 5.6 | 379 |
| 99 | Ultrafine monolayer Co-containing layered double hydroxide nanosheets for water oxidation. Journal of Energy Chemistry, 2019, 34, 57-63. | 7.1 | 78 |
| 100 | Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. Advanced Energy Materials, 2018, 8, 1703585. | 10.2 | 274 |
| 101 | Template-free large-scale synthesis of g-C ₃ N ₄ microtubes for enhanced visible light-driven photocatalytic H ₂ production. Nano Research, 2018, 11, 3462-3468. | 5.8 | 199 |
| 102 | Photothermal CO ₂ Hydrogenation: Alumina-Supported CoFe Alloy Catalysts Derived from Layered-Double-Hydroxide Nanosheets for Efficient Photothermal CO ₂ Hydrogenation to Hydrocarbons (Adv. Mater. 3/2018). Advanced Materials, 2018, 30, 1870015. | 11.1 | 3 |
| 103 | Two-step hydrothermal synthesis of Sn ₂ Nb ₂ O ₇ nanocrystals with enhanced visible-light-driven H ₂ evolution activity. Chinese Journal of Catalysis, 2018, 39, 395-400. | 6.9 | 17 |
| 104 | Alumina-Supported CoFe Alloy Catalysts Derived from Layered-Double-Hydroxide Nanosheets for Efficient Photothermal CO ₂ Hydrogenation to Hydrocarbons. Advanced Materials, 2018, 30, 1704663. | 11.1 | 309 |
| 105 | Photothermal Catalysis: Co-Based Catalysts Derived from Layered-Double-Hydroxide Nanosheets for the Photothermal Production of Light Olefins (Adv. Mater. 31/2018). Advanced Materials, 2018, 30, 1870230. | 11.1 | 6 |
| 106 | Co-Based Catalysts Derived from Layered-Double-Hydroxide Nanosheets for the Photothermal Production of Light Olefins. Advanced Materials, 2018, 30, e1800527. | 11.1 | 139 |
| 107 | Nanocrystals@Hollow Mesoporous Silica Reverse-Bumpy-Ball Structure Nanoreactors by a Versatile Microemulsion-Templated Approach. Small Methods, 2018, 2, 1800105. | 4.6 | 23 |
| 108 | Evolution of thiolate-stabilized Ag nanoclusters from Ag-thiolate cluster intermediates. Nature Communications, 2018, 9, 2379. | 5.8 | 60 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Inferring electromagnetic ion cyclotron wave intensity from low altitude POES proton flux measurements: A detailed case study with conjugate Van Allen Probes observations. <i>Advances in Space Research</i> , 2017, 59, 1568-1576. | 1.2 | 7 |
| 110 | Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1605148. | 11.1 | 1,616 |
| 111 | Photocatalysis: Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution (<i>Adv. Mater.</i> 16/2017). <i>Advanced Materials</i> , 2017, 29, . | 11.1 | 10 |
| 112 | Self-Assembled Au/CdSe Nanocrystal Clusters for Plasmon-Mediated Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1700803. | 11.1 | 311 |
| 113 | Defect-Engineered Ultrathin MnO_2 Nanosheet Arrays as Bifunctional Electrodes for Efficient Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1700005. | 10.2 | 553 |
| 114 | 3D carbon nanoframe scaffold-immobilized Ni ₃ FeN nanoparticle electrocatalysts for rechargeable zinc-air batteries™ cathodes. <i>Nano Energy</i> , 2017, 40, 382-389. | 8.2 | 153 |
| 115 | Water Splitting: Defect-Engineered Ultrathin MnO_2 Nanosheet Arrays as Bifunctional Electrodes for Efficient Overall Water Splitting (<i>Adv. Energy Mater.</i> 18/2017). <i>Advanced Energy Materials</i> , 2017, 7, . | 10.2 | 6 |
| 116 | Recent Progress in Photocatalytic CO ₂ Reduction Over Perovskite Oxides. <i>Solar Rrl</i> , 2017, 1, 1700126. | 3.1 | 224 |
| 117 | NiFe Layered Double Hydroxide Nanoparticles on Co,Ni-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700467. | 10.2 | 422 |
| 118 | Effect of Nitrogen Doping Level on the Performance of N-Doped Carbon Quantum Dot/TiO ₂ Composites for Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 4650-4656. | 3.6 | 171 |
| 119 | Zinc-Air Batteries: NiFe Layered Double Hydroxide Nanoparticles on Co,Ni-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries (<i>Adv. Energy Mater.</i> 21/2017). <i>Advanced Energy Materials</i> , 2017, 7, . | 10.2 | 5 |
| 120 | A Sustainable Strategy for the Synthesis of Pyrochlore H ₄ Nb ₂ O ₇ Hollow Microspheres as Photocatalysts for Overall Water Splitting. <i>ChemPlusChem</i> , 2017, 82, 181-185. | 1.3 | 30 |
| 121 | Well-Dispersed ZIF-Derived Co,Ni-Co-doped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts. <i>Advanced Materials</i> , 2016, 28, 1668-1674. | 11.1 | 663 |
| 122 | Carbon Nanoframes: Well-Dispersed ZIF-Derived Co,Ni-Co-doped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts (<i>Adv. Mater.</i>) Tj ETQq01.0 rgBT /Overlock 1 | 11.1 | 663 |
| 123 | Phototherapy: Metal-Organic-Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy (<i>Adv. Mater.</i> 38/2016). <i>Advanced Materials</i> , 2016, 28, 8318-8318. | 11.1 | 5 |
| 124 | Frontispiz: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag ₂ S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie</i> , 2016, 128, . | 1.6 | 0 |
| 125 | Smart Utilization of Carbon Dots in Semiconductor Photocatalysis. <i>Advanced Materials</i> , 2016, 28, 9454-9477. | 11.1 | 622 |
| 126 | Metal-Organic-Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy. <i>Advanced Materials</i> , 2016, 28, 8379-8387. | 11.1 | 264 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Carbon Nanosheets: Nitrogen-Doped Porous Carbon Nanosheets Templated from gC_3N_4 as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction (Adv. Mater. 25/2016). Advanced Materials, 2016, 28, 5140-5140. | 11.1 | 44 |
| 128 | Frontispiece: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag_2S Quantum Dots from Silver Nanoparticles. Angewandte Chemie - International Edition, 2016, 55, . | 7.2 | 0 |
| 129 | Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag_2S Quantum Dots from Silver Nanoparticles. Angewandte Chemie - International Edition, 2016, 55, 14952-14957. | 7.2 | 38 |
| 130 | Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag_2S Quantum Dots from Silver Nanoparticles. Angewandte Chemie, 2016, 128, 15176-15181. | 1.6 | 5 |
| 131 | Nitrogen-Doped Porous Carbon Nanosheets Templated from gC_3N_4 as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction. Advanced Materials, 2016, 28, 5080-5086. | 11.1 | 718 |
| 132 | Ni_3FeN Nanoparticles Derived from Ultrathin NiFe -Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst. Advanced Energy Materials, 2016, 6, 1502585. | 10.2 | 668 |
| 133 | Facile synthesis of ultrathin SnNb_2O_6 nanosheets towards improved visible-light photocatalytic H_2 -production activity. Chemical Communications, 2016, 52, 8239-8242. | 2.2 | 79 |
| 134 | Water Splitting: Ni_3FeN Nanoparticles Derived from Ultrathin NiFe -Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst (Adv. Energy Mater.) Tj ETQq0 0 0 rgBT /Overlock 40 Tf 50 45 | | |
| 135 | pH-Responsive reversible self-assembly of gold nanoparticles into nanovesicles. Nanoscale, 2016, 8, 3923-3925. | 2.8 | 45 |