

Bo Chen

List of Publications by Year in descending order

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206
papers

19,502
citations

13099

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11939

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215
docs citations

215
times ranked

23646
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The anatomical, electrophysiological and histological observations of muscle contraction units in rabbits: a new perspective on nerve injury and regeneration. <i>Neural Regeneration Research</i> , 2022, 17, 228. | 3.0 | 1 |
| 2 | Synthesis of Pd ₃ Sn and PdCuSn Nanorods with L1 ₂ Phase for Highly Efficient Electrocatalytic Ethanol Oxidation. <i>Advanced Materials</i> , 2022, 34, e2106115. | 21.0 | 65 |
| 3 | Preparation of fcc-Heterophase Pd@Ir Nanostructures for High-Performance Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2022, 34, e2107399. | 21.0 | 48 |
| 4 | Two-dimensional covalent organic framework nanosheets: Synthesis and energy-related applications. <i>Chinese Chemical Letters</i> , 2022, 33, 2867-2882. | 9.0 | 17 |
| 5 | Rapid semi-quantitative analysis of hemolytic triterpenoid saponins in <i>Lonicerae Flos</i> crude drugs and preparations by paper spray mass spectrometry. <i>Talanta</i> , 2022, 239, 123148. | 5.5 | 4 |
| 6 | Parametric design approach on high-order and multi-segment modified elliptical helical gears based on virtual gear shaping. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 4599-4609. | 2.1 | 4 |
| 7 | Bimetallic Bi-Sn microspheres as high initial coulombic efficiency and long lifespan anodes for sodium-ion batteries. <i>Chemical Communications</i> , 2022, 58, 5140-5143. | 4.1 | 15 |
| 8 | Intercalation of organics into layered structures enables superior interface compatibility and fast charge diffusion for dendrite-free Zn anodes. <i>Energy and Environmental Science</i> , 2022, 15, 1682-1693. | 30.8 | 105 |
| 9 | Mesocarbon Microbeads Boost the Electrochemical Performances of LiFePO ₄ Li ₄ Ti ₅ O ₁₂ through Anion Intercalation. <i>ChemSusChem</i> , 2022, 15, . | 6.8 | 7 |
| 10 | Isorecticular Series of Two-Dimensional Covalent Organic Frameworks with the kgd Topology and Controllable Micropores. <i>Journal of the American Chemical Society</i> , 2022, 144, 6475-6482. | 13.7 | 41 |
| 11 | Confined Growth of Silver-Copper Janus Nanostructures with {100} Facets for Highly Selective Tandem Electrocatalytic Carbon Dioxide Reduction. <i>Advanced Materials</i> , 2022, 34, e2110607. | 21.0 | 82 |
| 12 | Preparation of Au@Pd Core-Shell Nanorods with fcc-2H-fcc Heterophase for Highly Efficient Electrocatalytic Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 547-555. | 13.7 | 88 |
| 13 | Hybridization of 2D Nanomaterials with 3D Graphene Architectures for Electrochemical Energy Storage and Conversion. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 26 |
| 14 | Land Subsidence in Qingdao, China, from 2017 to 2020 Based on PS-InSAR. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4913. | 2.6 | 5 |
| 15 | Salt-Assisted 2H-to-1T Phase Transformation of Transition Metal Dichalcogenides. <i>Advanced Materials</i> , 2022, 34, e2201194. | 21.0 | 19 |
| 16 | Preparation of Amorphous SnO ₂ -Encapsulated Multiphased Crystalline Cu Heterostructures for Highly Efficient CO ₂ Reduction. <i>Advanced Materials</i> , 2022, 34, e2201114. | 21.0 | 29 |
| 17 | Decreasing the Overpotential of Aprotic LiCO ₂ Batteries with the In-Plane Alloy Structure in Ultrathin 2D Ru-Based Nanosheets. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 39 |
| 18 | Analysis of the Longitudinal-Bending-Torsional Coupled Vibration Mechanism of the Drilling of a Roof Bolter for Mine Support System. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-14. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Ruthenium nanoclusters anchored on cobalt phosphide hollow microspheres by green phosphating process for full water splitting in acidic electrolyte. Chinese Chemical Letters, 2021, 32, 511-515. | 9.0 | 46 |
| 20 | Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets. Angewandte Chemie - International Edition, 2021, 60, 3047-3054. | 13.8 | 18 |
| 21 | Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets. Angewandte Chemie, 2021, 133, 3084-3091. | 2.0 | 4 |
| 22 | Quasi-Epitaxial Growth of Magnetic Nanostructures on 4H-Au Nanoribbons. Advanced Materials, 2021, 33, e2007140. | 21.0 | 18 |
| 23 | Ultrathin Amorphous/Crystalline Heterophase Rh and Rh Alloy Nanosheets as Tandem Catalysts for Direct Indole Synthesis. Advanced Materials, 2021, 33, e2006711. | 21.0 | 68 |
| 24 | Bifunctional single-molecular heterojunction enables completely selective CO ₂ -to-CO conversion integrated with oxidative 3D nano-polymerization. Energy and Environmental Science, 2021, 14, 1544-1552. | 30.8 | 95 |
| 25 | A solvent decomposition and explosion approach for boron nanoplate synthesis. Chemical Communications, 2021, 57, 4922-4925. | 4.1 | 3 |
| 26 | Research on the Dynamic Path Planning of Manipulators Based on a Grid-Local Probability Road Map Method. IEEE Access, 2021, 9, 101186-101196. | 4.2 | 5 |
| 27 | Silicate-Enhanced Heterogeneous Flow-Through Electro-Fenton System Using Iron Oxides under Nanoconfinement. Environmental Science & Technology, 2021, 55, 4045-4053. | 10.0 | 192 |
| 28 | Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets (Angew. Chem. 6/2021). Angewandte Chemie, 2021, 133, 3352-3352. | 2.0 | 0 |
| 29 | Preparation of CdS _y Se _{1-y} Heterostructures via Cation Exchange of Pre-Epitaxially Synthesized Cu ₂ S _z Se _{1-z} for Photocatalytic Hydrogen Evolution. Small, 2021, 17, e2006135. | 10.0 | 11 |
| 30 | Investigation into surface composition of nitrogen-doped niobium for superconducting RF cavities. Nanotechnology, 2021, 32, 245701. | 2.6 | 4 |
| 31 | Selective Epitaxial Growth of Rh Nanorods on 2H-fcc Heterophase Au Nanosheets to Form 1D/2D Rh-Au Heterostructures for Highly Efficient Hydrogen Evolution. Journal of the American Chemical Society, 2021, 143, 4387-4396. | 13.7 | 56 |
| 32 | Evoking ordered vacancies in metallic nanostructures toward a vacated Barlow packing for high-performance hydrogen evolution. Science Advances, 2021, 7, . | 10.3 | 64 |
| 33 | High-Yield Exfoliation of Ultrathin 2D Ni ₃ Cr ₂ P ₂ S ₉ and Ni ₃ Cr ₂ P ₂ Se ₉ Nanosheets. Small, 2021, 17, e2006866. | 10.0 | 8 |
| 34 | A Gas-Phase Migration Strategy to Synthesize Atomically Dispersed Mn-N-C Catalysts for Zn-Air Batteries. Small Methods, 2021, 5, e2100024. | 8.6 | 44 |
| 35 | Metastable 1T ⁻² -phase group VIB transition metal dichalcogenide crystals. Nature Materials, 2021, 20, 1113-1120. | 27.5 | 119 |
| 36 | Suppressing the intestinal farnesoid X receptor/sphingomyelin phosphodiesterase 3 axis decreases atherosclerosis. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Hydrogen-Intercalation-Induced Lattice Expansion of Pd@Pt Core-Shell Nanoparticles for Highly Efficient Electrocatalytic Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2021, 143, 11262-11270. | 13.7 | 121 |
| 38 | Macrophage HIF-2 α suppresses NLRP3 inflammasome activation and alleviates insulin resistance. <i>Cell Reports</i> , 2021, 36, 109607. | 6.4 | 32 |
| 39 | Defect-Rich Hierarchical Porous UiO-66(Zr) for Tunable Phosphate Removal. <i>Environmental Science & Technology</i> , 2021, 55, 13209-13218. | 10.0 | 27 |
| 40 | Glutathione-mediated formation of disulfide bonds modulates the properties of myofibrillar protein gels at different temperatures. <i>Food Chemistry</i> , 2021, 364, 130356. | 8.2 | 29 |
| 41 | Tip-Enhanced Electric Field: A New Mechanism Promoting Mass Transfer in Oxygen Evolution Reactions. <i>Advanced Materials</i> , 2021, 33, e2007377. | 21.0 | 179 |
| 42 | Seeded Synthesis of Unconventional 2H-Phase Pd Alloy Nanomaterials for Highly Efficient Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2021, 143, 17292-17299. | 13.7 | 59 |
| 43 | Microfluidic Chip-Based Induced Phase Separation Extraction as a Fast and Efficient Miniaturized Sample Preparation Method. <i>Molecules</i> , 2021, 26, 38. | 3.8 | 8 |
| 44 | Layered Transition Metal Dichalcogenide-Based Nanomaterials for Electrochemical Energy Storage. <i>Advanced Materials</i> , 2020, 32, e1903826. | 21.0 | 329 |
| 45 | Rapid microwave-assisted Porter method for determination of proanthocyanidins. <i>Phytochemical Analysis</i> , 2020, 31, 215-220. | 2.4 | 1 |
| 46 | Stochastic micromechanical predictions for the probabilistic behavior of saturated concrete repaired by the electrochemical deposition method. <i>International Journal of Damage Mechanics</i> , 2020, 29, 435-453. | 4.2 | 18 |
| 47 | Synthesis of a poly(sulfobetaine-co-polyhedral oligomeric silsesquioxane) hybrid monolith via an in-situ ring opening quaternization for use in hydrophilic interaction capillary liquid chromatography. <i>Mikrochimica Acta</i> , 2020, 187, 109. | 5.0 | 8 |
| 48 | An assessment of melamine exposure in Shanghai adults and its association with food consumption. <i>Environment International</i> , 2020, 135, 105363. | 10.0 | 27 |
| 49 | Phase-Selective Epitaxial Growth of Heterophase Nanostructures on Unconventional 2H-Pd Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 18971-18980. | 13.7 | 111 |
| 50 | Molten Salt-Directed Catalytic Synthesis of 2D Layered Transition-Metal Nitrides for Efficient Hydrogen Evolution. <i>CheM</i> , 2020, 6, 2382-2394. | 11.7 | 163 |
| 51 | Intensive Versus Extensive Events? Insights from Cumulative Flood-Induced Mortality Over the Globe, 1976-2016. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 441-451. | 2.9 | 17 |
| 52 | Development of Biomimetic Synthesis of Propindilactone G ⁺ . <i>Chinese Journal of Chemistry</i> , 2020, 38, 1339-1352. | 4.9 | 7 |
| 53 | Precise Dimerization of Hollow Fullerene Compartments. <i>Journal of the American Chemical Society</i> , 2020, 142, 15396-15402. | 13.7 | 22 |
| 54 | A universal method for rapid and large-scale growth of layered crystals. <i>SmartMat</i> , 2020, 1, e1011. | 10.7 | 33 |

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|----|---|------|-----------|
| 55 | Crystal phase-controlled growth of PtCu and PtCo alloys on 4H Au nanoribbons for electrocatalytic ethanol oxidation reaction. <i>Nano Research</i> , 2020, 13, 1970-1975. | 10.4 | 32 |
| 56 | Covalency competition dominates the water oxidation structure-activity relationship on spinel oxides. <i>Nature Catalysis</i> , 2020, 3, 554-563. | 34.4 | 284 |
| 57 | Ethylene Selectivity in Electrocatalytic CO ₂ Reduction on Cu Nanomaterials: A Crystal Phase-Dependent Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 12760-12766. | 13.7 | 183 |
| 58 | Optical Spectroscopy of Single Colloidal CsPbBr ₃ Perovskite Nanoplatelets. <i>Nano Letters</i> , 2020, 20, 3673-3680. | 9.1 | 47 |
| 59 | Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2020, 56, 5131-5134. | 4.1 | 28 |
| 60 | Heterophase fcc-2H-fcc gold nanorods. <i>Nature Communications</i> , 2020, 11, 3293. | 12.8 | 92 |
| 61 | Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 13162-13169. | 13.7 | 85 |
| 62 | Bioinspired Synthesis of Nortriterpenoid Propindilactone G. <i>Journal of the American Chemical Society</i> , 2020, 142, 5007-5012. | 13.7 | 32 |
| 63 | Impeding Catalyst Sulfur Poisoning in Aqueous Solution by Metal-Organic Framework Composites. <i>Small Methods</i> , 2020, 4, 1900890. | 8.6 | 22 |
| 64 | Metal-organic framework-derived mesoporous carbon nanoframes embedded with atomically dispersed Fe-N active sites for efficient bifunctional oxygen and carbon dioxide electroreduction. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118720. | 20.2 | 151 |
| 65 | Ligand-Exchange-Induced Amorphization of Pd Nanomaterials for Highly Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2020, 32, e1902964. | 21.0 | 164 |
| 66 | Synthesis of Palladium-Based Crystalline@Amorphous Core-Shell Nanoplates for Highly Efficient Ethanol Oxidation. <i>Advanced Materials</i> , 2020, 32, e2000482. | 21.0 | 98 |
| 67 | Imparting Boron Nanosheets with Ambient Stability through Methyl Group Functionalization for Mechanistic Investigation of Their Lithiation Process. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23370-23377. | 8.0 | 15 |
| 68 | Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 8953-8961. | 13.7 | 100 |
| 69 | Bimetallic oxide coupled with B-doped graphene as highly efficient electrocatalyst for oxygen evolution reaction. <i>Science China Materials</i> , 2020, 63, 1247-1256. | 6.3 | 14 |
| 70 | Construction of a Sandwiched MOF@COF Composite as a Size-Selective Catalyst. <i>Cell Reports Physical Science</i> , 2020, 1, 100272. | 5.6 | 21 |
| 71 | The establishment of the fertile fish lineages derived from distant hybridization by overcoming the reproductive barriers. <i>Reproduction</i> , 2020, 159, R237-R249. | 2.6 | 17 |
| 72 | Defect-Rich, Candied Haws-Shaped AuPtNi Alloy Nanostructures for Highly Efficient Electrocatalysis. <i>CCS Chemistry</i> , 2020, 2, 24-30. | 7.8 | 23 |

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|----|--|------|-----------|
| 73 | A simple electrochemical method for conversion of Pt wires to Pt concave icosahedra and nanocubes on carbon paper for electrocatalytic hydrogen evolution. <i>Science China Materials</i> , 2019, 62, 115-121. | 6.3 | 16 |
| 74 | Iron-facilitated dynamic active-site generation on spinel CoAl ₂ O ₄ with self-termination of surface reconstruction for water oxidation. <i>Nature Catalysis</i> , 2019, 2, 763-772. | 34.4 | 678 |
| 75 | Effect of glutenin and gliadin modified by protein-glutaminase on retrogradation properties and digestibility of potato starch. <i>Food Chemistry</i> , 2019, 301, 125226. | 8.2 | 43 |
| 76 | Aging amorphous/crystalline heterophase PdCu nanosheets for catalytic reactions. <i>National Science Review</i> , 2019, 6, 955-961. | 9.5 | 75 |
| 77 | Unusual 4H-phase twinned noble metal nanokites. <i>Nature Communications</i> , 2019, 10, 2881. | 12.8 | 25 |
| 78 | Synthesis of RuNi alloy nanostructures composed of multilayered nanosheets for highly efficient electrocatalytic hydrogen evolution. <i>Nano Energy</i> , 2019, 66, 104173. | 16.0 | 116 |
| 79 | Heterostructured TiO ₂ Spheres with Tunable Interiors and Shells toward Improved Packing Density and Pseudocapacitive Sodium Storage. <i>Advanced Materials</i> , 2019, 31, e1904589. | 21.0 | 73 |
| 80 | Elemental Segregation in Multimetallic Core-Shell Nanoplates. <i>Journal of the American Chemical Society</i> , 2019, 141, 14496-14500. | 13.7 | 46 |
| 81 | Size-Dependent Phase Transformation of Noble Metal Nanomaterials. <i>Small</i> , 2019, 15, e1903253. | 10.0 | 16 |
| 82 | Analysis of Chromosomal Numbers, Mitochondrial Genome, and Full-Length Transcriptome of <i>Onychostoma brevibarba</i> . <i>Marine Biotechnology</i> , 2019, 21, 515-525. | 2.4 | 5 |
| 83 | Free-standing 2D nanorfts by assembly of 1D nanorods for biomolecule sensing. <i>Nanoscale</i> , 2019, 11, 12169-12176. | 5.6 | 30 |
| 84 | MOF-Based Hierarchical Structures for Solar-Thermal Clean Water Production. <i>Advanced Materials</i> , 2019, 31, e1808249. | 21.0 | 233 |
| 85 | Progressively Exposing Active Facets of 2D Nanosheets toward Enhanced Pseudocapacitive Response and High-Rate Sodium Storage. <i>Advanced Materials</i> , 2019, 31, e1900526. | 21.0 | 83 |
| 86 | Rapid quantitative analysis of ginkgo flavonoids using paper spray mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 158-163. | 2.8 | 12 |
| 87 | Spatial Variability and Temporal Persistence of Event Runoff Coefficients for Cropland Hillslopes. <i>Water Resources Research</i> , 2019, 55, 1583-1597. | 4.2 | 21 |
| 88 | N- and S- co-doped graphene sheet-encapsulated Co ₉ S ₈ nanomaterials as excellent electrocatalysts for the oxygen evolution reaction. <i>Journal of Power Sources</i> , 2019, 417, 90-98. | 7.8 | 52 |
| 89 | Synthesis of PdM (M = Zn, Cd, ZnCd) Nanosheets with an Unconventional Face-Centered Tetragonal Phase as Highly Efficient Electrocatalysts for Ethanol Oxidation. <i>ACS Nano</i> , 2019, 13, 14329-14336. | 14.6 | 133 |
| 90 | The fabrication of poly (polyethylene glycol diacrylate) monolithic porous layer open tubular (mono-PLOT) columns and applications in hydrophilic interaction chromatography and capillary gas chromatography for small molecules. <i>Electrophoresis</i> , 2019, 40, 521-529. | 2.4 | 7 |

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|-----|--|------|-----------|
| 91 | Pulsed elution modulation for on-line comprehensive two-dimensional liquid chromatography coupling reversed phase liquid chromatography and hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2019, 1583, 98-107. | 3.7 | 21 |
| 92 | Synthesis of MoX ₂ (X = Se or S) monolayers with high-concentration 1T phase on 4H/fcc-Au nanorods for hydrogen evolution. <i>Nano Research</i> , 2019, 12, 1301-1305. | 10.4 | 44 |
| 93 | A Special Issue on Advanced Hybrid Nanomaterials for Energy Conversion and Storage. <i>Science of Advanced Materials</i> , 2019, 11, 307-310. | 0.7 | 3 |
| 94 | Water transport confined in graphene oxide channels through the rarefied effect. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9780-9786. | 2.8 | 23 |
| 95 | Transformable masks for colloidal nanosynthesis. <i>Nature Communications</i> , 2018, 9, 563. | 12.8 | 67 |
| 96 | Natural meroterpenoids isolated from the plant pathogenic fungus <i>Verticillium albo-atrum</i> with noteworthy modification action against voltage-gated sodium channels of central neurons of <i>Helicoverpa armigera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2018, 144, 91-99. | 3.6 | 8 |
| 97 | Construction of 4 <i>h</i> -isochromanones through Cu(OTf) ₂ -Catalysed Sequential C=O and C=C Bond Formation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 926-931. | 2.4 | 9 |
| 98 | Transforming Monolayer Transition-Metal Dichalcogenide Nanosheets into One-Dimensional Nanoscrolls with High Photosensitivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13011-13018. | 8.0 | 45 |
| 99 | Hybridization of MOFs and COFs: A New Strategy for Construction of MOF@COF Core-Shell Hybrid Materials. <i>Advanced Materials</i> , 2018, 30, 1705454. | 21.0 | 318 |
| 100 | Gut microbiota and intestinal FXR mediate the clinical benefits of metformin. <i>Nature Medicine</i> , 2018, 24, 1919-1929. | 30.7 | 632 |
| 101 | Realization of vertical metal semiconductor heterostructures via solution phase epitaxy. <i>Nature Communications</i> , 2018, 9, 3611. | 12.8 | 49 |
| 102 | Controllable Design of MoS ₂ Nanosheets Anchored on Nitrogen-Doped Graphene: Toward Fast Sodium Storage by Tunable Pseudocapacitance. <i>Advanced Materials</i> , 2018, 30, e1800658. | 21.0 | 275 |
| 103 | Rapid Analysis of Illegal Cationic Dyes in Foods and Surface Waters Using High Temperature Direct Analysis in Real Time High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7542-7549. | 5.2 | 23 |
| 104 | Enlarged Co ²⁺ O Covalency in Octahedral Sites Leading to Highly Efficient Spinel Oxides for Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2018, 30, e1802912. | 21.0 | 338 |
| 105 | Rapid analysis of benzoic acid and vitamin C in beverages by paper spray mass spectrometry. <i>Food Chemistry</i> , 2018, 268, 411-415. | 8.2 | 29 |
| 106 | Synthesis of Hierarchical 4H/fcc Ru Nanotubes for Highly Efficient Hydrogen Evolution in Alkaline Media. <i>Small</i> , 2018, 14, e1801090. | 10.0 | 80 |
| 107 | A River Channel Extraction Method for Urban Environments Based on Terrain Transition Lines. <i>Water Resources Research</i> , 2018, 54, 4887-4900. | 4.2 | 4 |
| 108 | Two-Dimensional Metal Nanomaterials: Synthesis, Properties, and Applications. <i>Chemical Reviews</i> , 2018, 118, 6409-6455. | 47.7 | 711 |

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|-----|---|------|-----------|
| 109 | Amorphous/Crystalline Hetero-Phase Pd Nanosheets: One-Pot Synthesis and Highly Selective Hydrogenation Reaction. <i>Advanced Materials</i> , 2018, 30, e1803234. | 21.0 | 231 |
| 110 | Preparation of 1T-Phase ReS ₂ Se ₂ (1-x) Nanodots for Highly Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 8563-8568. | 13.7 | 104 |
| 111 | Crystal Phase and Architecture Engineering of Lotus-Thalamus-Shaped Pt-Ni Anisotropic Superstructures for Highly Efficient Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2018, 30, e1801741. | 21.0 | 163 |
| 112 | Flood-induced mortality across the globe: Spatiotemporal pattern and influencing factors. <i>Science of the Total Environment</i> , 2018, 643, 171-182. | 8.0 | 156 |
| 113 | Improved Reversibility of Fe ³⁺ /Fe ⁴⁺ Redox Couple in Sodium Super Ion Conductor Type Na ₃ Fe ₂ (PO ₄) ₃ for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1605694. | 21.0 | 169 |
| 114 | Rapid analysis of Aurantii Fructus Immaturus (Zhishi) using paper spray ionization mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 204-212. | 2.8 | 18 |
| 115 | New urea-modified paper substrate for enhanced analytical performance of negative ion mode paper spray mass spectrometry. <i>Talanta</i> , 2017, 166, 306-314. | 5.5 | 31 |
| 116 | General Fabrication of Boride, Carbide, and Nitride Nanocrystals via a Metal-Hydrolysis-Assisted Process. <i>Inorganic Chemistry</i> , 2017, 56, 2440-2447. | 4.0 | 23 |
| 117 | Rapid Analysis of Corni fructus Using Paper Spray-Mass Spectrometry. <i>Phytochemical Analysis</i> , 2017, 28, 344-350. | 2.4 | 14 |
| 118 | Polymerization of polyhedral oligomeric silsesquioxane (POSS) with perfluoro-monomers and a kinetic study. <i>RSC Advances</i> , 2017, 7, 10700-10706. | 3.6 | 5 |
| 119 | Preparation of Ultrathin Two-Dimensional Ti ₃ C ₂ Ta _{1-x} S _x O _z Nanosheets as Highly Efficient Photothermal Agents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7842-7846. | 13.8 | 59 |
| 120 | Preparation of Ultrathin Two-Dimensional Ti ₃ C ₂ Ta _{1-x} S _x O _z Nanosheets as Highly Efficient Photothermal Agents. <i>Angewandte Chemie</i> , 2017, 129, 7950-7954. | 2.0 | 11 |
| 121 | Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 578-581. | 13.8 | 57 |
| 122 | Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metal-Organic Frameworks and Ti ₃ C ₂ T _x Nanosheets for Electrocatalytic Oxygen Evolution. <i>ACS Nano</i> , 2017, 11, 5800-5807. | 14.6 | 557 |
| 123 | Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. <i>Advanced Materials</i> , 2017, 29, 1700102. | 21.0 | 384 |
| 124 | The synthesis of Gemini-type sulfobetaine based hybrid monolith and its application in hydrophilic interaction chromatography for small polar molecular. <i>Talanta</i> , 2017, 173, 113-122. | 5.5 | 9 |
| 125 | Rapid Analysis of Bisphenol A and Its Analogues in Food Packaging Products by Paper Spray Ionization Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4859-4865. | 5.2 | 38 |
| 126 | Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets: Preparation and Application in Highly Sensitive and Selective DNA Detection. <i>Journal of the American Chemical Society</i> , 2017, 139, 8698-8704. | 13.7 | 440 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Composition- and phase-controlled synthesis and applications of alloyed phase heterostructures of transition metal disulphides. <i>Nanoscale</i> , 2017, 9, 5102-5109. | 5.6 | 63 |
| 128 | Ultrathin Twoâ€Dimensional Organicâ€Inorganic Hybrid Perovskite Nanosheets with Bright, Tunable Photoluminescence and High Stability. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4252-4255. | 13.8 | 206 |
| 129 | Anodized Aluminum Oxide Templated Synthesis of Metalâ€Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie</i> , 2017, 129, 593-596. | 2.0 | 18 |
| 130 | The colour combination method for human-machine interfaces driven by colour images. <i>Journal of Engineering Design</i> , 2017, 28, 505-531. | 2.3 | 5 |
| 131 | Orthogonal strategy development using reversed macroporous resin coupled with hydrophilic interaction liquid chromatography for the separation of ginsenosides from ginseng root extract. <i>Journal of Separation Science</i> , 2017, 40, 4128-4134. | 2.5 | 8 |
| 132 | The preparation of a poly (pentaerythritol tetraglycidyl ether-co-poly ethylene imine) organic monolithic capillary column and its application in hydrophilic interaction chromatography for polar molecules. <i>Analytica Chimica Acta</i> , 2017, 988, 104-113. | 5.4 | 12 |
| 133 | Synthesis of WO ₂ â€WX ₂ (x=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Lightâ€Emitting Diodes. <i>Angewandte Chemie</i> , 2017, 129, 10622-10626. | 2.0 | 7 |
| 134 | Synthesis of WO ₂ â€WX ₂ (x=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Lightâ€Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10486-10490. | 13.8 | 21 |
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