

Xin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

874
citations

758635

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h-index

996533

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15
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docs citations

15
times ranked

1317
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Postsynthetic Modification of ZIF-90 for Potential Targeted Codelivery of Two Anticancer Drugs. ACS Applied Materials & Interfaces, 2017, 9, 27332-27337. | 4.0 | 146 |
| 2 | Regulation of metal ions in smart metal-cluster nodes of metal-organic frameworks with open metal sites for improved photocatalytic CO ₂ reduction reaction. Applied Catalysis B: Environmental, 2020, 276, 119173. | 10.8 | 138 |
| 3 | A mixed-dimensional 1D Se ²⁻ /2D InSe van der Waals heterojunction for high responsivity self-powered photodetectors. Nanoscale Horizons, 2020, 5, 564-572. | 4.1 | 88 |
| 4 | Step-by-Step Improving Photocatalytic Hydrogen Evolution Activity of NH ₂ -UiO-66 by Constructing Heterojunction and Encapsulating Carbon Nanodots. ACS Sustainable Chemistry and Engineering, 2018, 6, 11563-11569. | 3.2 | 86 |
| 5 | Folic Acid Functionalized Zirconium-Based Metal-Organic Frameworks as Drug Carriers for Active Tumor-Targeted Drug Delivery. Chemistry - A European Journal, 2018, 24, 17148-17154. | 1.7 | 85 |
| 6 | Atomically Thin Hexagonal Boron Nitride and Its Heterostructures. Advanced Materials, 2021, 33, e2000769. | 11.1 | 71 |
| 7 | ZIF-derived CoP as a cocatalyst for enhanced photocatalytic H ₂ production activity of g-C ₃ N ₄ . Sustainable Energy and Fuels, 2018, 2, 1356-1361. | 2.5 | 69 |
| 8 | Rapid and Large-Scale Synthesis of IRMOF-3 by Electrochemistry Method with Enhanced Fluorescence Detection Performance for TNP. Inorganic Chemistry, 2018, 57, 3818-3824. | 1.9 | 56 |
| 9 | Novel stable metal-organic framework photocatalyst for light-driven hydrogen production. CrystEngComm, 2018, 20, 3228-3233. | 1.3 | 39 |
| 10 | Mixed-Metal-Cluster Strategy for Boosting Electrocatalytic Oxygen Evolution Reaction of Robust Metal-Organic Frameworks. ACS Applied Materials & Interfaces, 2019, 11, 45080-45086. | 4.0 | 35 |
| 11 | Monolayer hydrophilic MoS ₂ with strong charge trapping for atomically thin neuromorphic vision systems. Materials Horizons, 2020, 7, 3316-3324. | 6.4 | 26 |
| 12 | Porous metal-organic gel assisted by tartaric acid ligand for efficient and controllable drug delivery. New Journal of Chemistry, 2018, 42, 14789-14795. | 1.4 | 13 |
| 13 | Improvement of the photocatalytic hydrogen production activity of g-C ₃ N ₄ by doping selenides as cocatalysts. Materials Science in Semiconductor Processing, 2018, 85, 76-82. | 1.9 | 11 |
| 14 | Engineering the Optoelectronic Properties of 2D Hexagonal Boron Nitride Monolayer Films by Sulfur Substitutional Doping. ACS Applied Materials & Interfaces, 2022, 14, 16453-16461. | 4.0 | 10 |
| 15 | Luminescent Functionalised Supramolecular Coordination Polymers Based on an Aromatic Carboxylic Acid Ligand for Sensing Hg ²⁺ Ions. Australian Journal of Chemistry, 2017, 70, 786. | 0.5 | 1 |