

Xin Zhang

List of Publications by Year in descending order

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15
papers

874
citations

758635

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docs citations

15
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Atomically Thin Hexagonal Boron Nitride and Its Heterostructures. Advanced Materials, 2021, 33, e2000769.	11.1	71
3	A mixed-dimensional 1D Seâ€“2D InSe van der Waals heterojunction for high responsivity self-powered photodetectors. Nanoscale Horizons, 2020, 5, 564-572.	4.1	88
4	Monolayer hydrophilic MoS ₂ with strong charge trapping for atomically thin neuromorphic vision systems. Materials Horizons, 2020, 7, 3316-3324.	6.4	26
5	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
6	Mixed-Metal-Cluster Strategy for Boosting Electrocatalytic Oxygen Evolution Reaction of Robust Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2019, 11, 45080-45086.	4.0	35
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	Porous metalâ€“organic gel assisted by <i>l</i> -tartaric acid ligand for efficient and controllable drug delivery. New Journal of Chemistry, 2018, 42, 14789-14795.	1.4	13
10	Novel stable metalâ€“organic framework photocatalyst for light-driven hydrogen production. CrystEngComm, 2018, 20, 3228-3233.	1.3	39
11	Folic Acid Functionalized Zirconiumâ€“Based Metalâ€“Organic Frameworks as Drug Carriers for Active Tumorâ€“Targeted Drug Delivery. Chemistry - A European Journal, 2018, 24, 17148-17154.	1.7	85
12	Step-by-Step Improving Photocatalytic Hydrogen Evolution Activity of NH ₂ â€“UiO-66 by Constructing Heterojunction and Encapsulating Carbon Nanodots. ACS Sustainable Chemistry and Engineering, 2018, 6, 11563-11569.	3.2	86
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	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
15	Postsynthetic Modification of ZIF-90 for Potential Targeted Codelivery of Two Anticancer Drugs. ACS Applied Materials & Interfaces, 2017, 9, 27332-27337.	4.0	146