

# Xin Zhang

## List of Publications by Year in descending order

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15  
papers

874  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
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.	8.0	146
2	Regulation of metal ions in smart metal-cluster nodes of metal-organic frameworks with open metal sites for improved photocatalytic CO <sub>2</sub> reduction reaction. Applied Catalysis B: Environmental, 2020, 276, 119173.	20.2	138
3	A mixed-dimensional 1D Seâ€“2D InSe van der Waals heterojunction for high responsivity self-powered photodetectors. Nanoscale Horizons, 2020, 5, 564-572.	8.0	88
4	Step-by-Step Improving Photocatalytic Hydrogen Evolution Activity of NH <sub>2</sub> -UiO-66 by Constructing Heterojunction and Encapsulating Carbon Nanodots. ACS Sustainable Chemistry and Engineering, 2018, 6, 11563-11569.	6.7	86
5	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.	3.3	85
6	Atomically Thin Hexagonal Boron Nitride and Its Heterostructures. Advanced Materials, 2021, 33, e2000769.	21.0	71
7	ZIF-derived CoP as a cocatalyst for enhanced photocatalytic H <sub>2</sub> production activity of g-C <sub>3</sub> N <sub>4</sub> . Sustainable Energy and Fuels, 2018, 2, 1356-1361.	4.9	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.	4.0	56
9	Novel stable metalâ€“organic framework photocatalyst for light-driven hydrogen production. CrystEngComm, 2018, 20, 3228-3233.	2.6	39
10	Mixed-Metal-Cluster Strategy for Boosting Electrocatalytic Oxygen Evolution Reaction of Robust Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2019, 11, 45080-45086.	8.0	35
11	Monolayer hydrophilic MoS <sub>2</sub> with strong charge trapping for atomically thin neuromorphic vision systems. Materials Horizons, 2020, 7, 3316-3324.	12.2	26
12	Porous metalâ€“organic gel assisted by <sc>l</sc>-tartaric acid ligand for efficient and controllable drug delivery. New Journal of Chemistry, 2018, 42, 14789-14795.	2.8	13
13	Improvement of the photocatalytic hydrogen production activity of g-C <sub>3</sub> N <sub>4</sub> by doping selenides as cocatalysts. Materials Science in Semiconductor Processing, 2018, 85, 76-82.	4.0	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.	8.0	10
15	Luminescent Functionalised Supramolecular Coordination Polymers Based on an Aromatic Carboxylic Acid Ligand for Sensing Hg <sup>2+</sup> Ions. Australian Journal of Chemistry, 2017, 70, 786.	0.9	1