

# Xiaoman Li

## List of Publications by Year in descending order

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13  
papers

966  
citations

687363

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1058476

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docs citations

14  
times ranked

1217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic robust solar energy reduction of dinitrogen to ammonia on ultrathin MoS <sub>2</sub> . Applied Catalysis B: Environmental, 2017, 200, 323-329.	20.2	232
2	Efficient photocatalytic fixation of N <sub>2</sub> by KOH-treated g-C <sub>3</sub> N <sub>4</sub> . Journal of Materials Chemistry A, 2018, 6, 3005-3011.	10.3	151
3	MOF-Derived Co <sub>3</sub> O <sub>4</sub> @NC with Core-Shell Structures for N <sub>2</sub> Electrochemical Reduction under Ambient Conditions. ACS Applied Materials & Interfaces, 2019, 11, 26891-26897.	8.0	131
4	Efficient Solar-Driven Nitrogen Fixation over Carbon-Tungstic Acid Hybrids. Chemistry - A European Journal, 2016, 22, 13819-13822.	3.3	84
5	In situ modification of cobalt on MXene/TiO <sub>2</sub> as composite photocatalyst for efficient nitrogen fixation. Journal of Colloid and Interface Science, 2021, 585, 20-29.	9.4	62
6	An MOF-derived C@NiO@Ni electrocatalyst for N <sub>2</sub> conversion to NH <sub>3</sub> in alkaline electrolytes. Sustainable Energy and Fuels, 2020, 4, 164-170.	4.9	59
7	Long-term electrocatalytic N <sub>2</sub> fixation by MOF-derived Y-stabilized ZrO <sub>2</sub> : insight into the deactivation mechanism. Journal of Materials Chemistry A, 2020, 8, 5647-5654.	10.3	54
8	Photocatalytic nitrogen fixation of metal-organic frameworks (MOFs) excited by ultraviolet light: insights into the nitrogen fixation mechanism of missing metal cluster or linker defects. Nanoscale, 2021, 13, 7801-7809.	5.6	54
9	Recent advances in photocatalytic nitrogen fixation: from active sites to ammonia quantification methods. RSC Advances, 2021, 11, 14844-14861.	3.6	47
10	Keggin-type SiW <sub>12</sub> encapsulated in MIL-101(Cr) as efficient heterogeneous photocatalysts for nitrogen fixation reaction. Journal of Colloid and Interface Science, 2022, 621, 406-415.	9.4	32
11	Hydrated lithium ions intercalated V <sub>2</sub> O <sub>5</sub> with dual-ion synergistic insertion mechanism for high-performance aqueous zinc-ion batteries. Journal of Colloid and Interface Science, 2022, 606, 645-653.	9.4	29
12	A solution-assisted etching preparation of an MOF-derived NH <sub>4</sub> CoPO <sub>4</sub> ·H <sub>2</sub> O/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /MXene nanocomposite for high-performance hybrid supercapacitors. New Journal of Chemistry, 2021, 45, 11174-11182.	2.8	17
13	Bimetallic CeZr <sub>5</sub> -UiO-66 as a highly efficient photocatalyst for the nitrogen reduction reaction. Sustainable Energy and Fuels, 2021, 5, 4053-4059.	4.9	13