

Xiaoman Li

List of Publications by Year in descending order

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13
papers

966
citations

687363

13
h-index

1058476

14
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docs citations

14
times ranked

1217
citing authors

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