

Xinyuan Xu

List of Publications by Year in descending order

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15
papers

1,223
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	OD (MoS ₂)/2D (g-C ₃ N ₄) heterojunctions in Z-scheme for enhanced photocatalytic and electrochemical hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2018, 228, 64-74.	20.2	298
2	Phosphorous doped carbon nitride nanobelts for photodegradation of emerging contaminants and hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117931.	20.2	170
3	Manganese oxide integrated catalytic ceramic membrane for degradation of organic pollutants using sulfate radicals. <i>Water Research</i> , 2019, 167, 115110.	11.3	165
4	Flower-like MoS ₂ on graphitic carbon nitride for enhanced photocatalytic and electrochemical hydrogen evolutions. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 334-344.	20.2	154
5	Efficient photocatalytic overall water splitting on metal-free 1D SWCNT/2D ultrathin C ₃ N ₄ heterojunctions via novel non-resonant plasmonic effect. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119312.	20.2	89
6	Surface engineering of hollow carbon nitride microspheres for efficient photoredox catalysis. <i>Chemical Engineering Journal</i> , 2020, 381, 122593.	12.7	49
7	Rigorous and reliable operations for electrocatalytic nitrogen reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119325.	20.2	49
8	A Hydrogen-Initiated Chemical Epitaxial Growth Strategy for In-Plane Heterostructured Photocatalyst. <i>ACS Nano</i> , 2020, 14, 17505-17514.	14.6	41
9	Aligning potential differences within carbon nitride based photocatalysis for efficient solar energy harvesting. <i>Nano Energy</i> , 2021, 89, 106357.	16.0	41
10	Heterogeneous activation of peroxymonosulfate by hierarchically porous cobalt/iron bimetallic oxide nanosheets for degradation of phenol solutions. <i>Chemosphere</i> , 2020, 256, 127160.	8.2	40
11	Quasi single cobalt sites in nanopores for superior catalytic oxidation of organic pollutants. <i>Environmental Science: Nano</i> , 2018, 5, 2842-2852.	4.3	37
12	Photocatalytic reforming of biomass for hydrogen production over ZnS nanoparticles modified carbon nitride nanosheets. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 22-30.	9.4	31
13	Confinement of Ag(I) Sites within MIL-101 for Robust Ethylene/Ethane Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 823-830.	6.7	28
14	Synergy of NiO quantum dots and temperature on enhanced photocatalytic and thermophoto hydrogen evolution. <i>Chemical Engineering Journal</i> , 2020, 390, 124634.	12.7	27
15	Controllable synthesis of a hollow Cr ₂ O ₃ electrocatalyst for enhanced nitrogen reduction toward ammonia synthesis. <i>Chinese Journal of Chemical Engineering</i> , 2022, 41, 358-365.	3.5	4