Wei Xiong

List of Publications by Year
in descending order

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29 papers	1,166 citations	516710 16 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	1893 citing authors

#	Article	IF	Citations
1	Preparation and Characterization of Co-Modified Bimetallic MOF-74-NiCo as an Efficient Catalyst for Low Temperature CO-SCR. Integrated Ferroelectrics, 2022, 227, 221-230.	0.7	3
2	A new type bimetallic NiMn-MOF-74 as an efficient low-temperatures catalyst for selective catalytic reduction of NO by CO. Chemical Engineering and Processing: Process Intensification, 2021, 159, 108232.	3.6	32
3	Synthesis of Bimetallic Ag-Ni-MOF-74 Catalyst with Excellent CO-SCR Performance in Low Temperature Range. Acta Chimica Sinica, 2021, 79, 361.	1.4	7
4	Theoretical study of the influence of doped niobium on the electronic properties of CsPbBr3. Nanoscale Advances, 2021, 3, 1910-1916.	4.6	1
5	Facile design of highly effective Fe-modified bimetallic Fexâ€“Ni1â^'x-MOFs catalysts with rodlike structures for low-temperature NO reduction by CO. Journal of Materials Science, 2021, 56, 9914-9928.	3.7	17
6	Atomically Dispersed Iron Metal Site in a Porphyrin-Based Metalâ€“Organic Framework for Photocatalytic Nitrogen Fixation. ACS Nano, 2021, 15, 9670-9678.	14.6	127
7	<scp> CO ₂ </scp> electroreduction by <scp>AuCu</scp> bimetallic clusters: A first principles study. International Journal of Energy Research, 2021, 45, 18684-18694.	4.5	9
8	Insights into N-Coordinated Bimetallic Site Synergy during NO Selective Catalytic Reduction by CO. ACS Applied Materials & Interfaces, 2021, 13, 57182-57192.	8.0	15
9	Noble Metalâ€“Based Nanosensors for Environmental Detection. , 2020, , 39-78.		4
10	Nano-Gold Boosted Environmental Catalysis. , 2020, , 165-202.		1
11	Construction of crystalline and amorphous interface between FeS2 and polyaniline for enhanced electrocatalytic activity. Applied Surface Science, 2020, 505, 144534.	6.1	6
12	CuSn Alloy Nanoparticles on Nitrogenâ€Doped Graphene for Electrocatalytic CO₂ Reduction. ChemElectroChem, 2019, 6, 5951-5957.	3.4	59
13	Synthesis of Carbon Doped TiO₂ Quantum Dots for Photocatalytic Sterilization under the Visible Light Irradiation and the Mechanisms. E3S Web of Conferences, 2019, 118, 01013.	0.5	3
14	Synthesis of Bimetallic MOF-74-CoMn Catalyst and Its Application in Selective Catalytic Reduction of NO with CO. Acta Chimica Sinica, 2019, 77, 758.	1.4	12
15	Hollow porous zinc cobaltate nanocubes photocatalyst derived from bimetallic zeolitic imidazolate frameworks towards enhanced gaseous toluene degradation. Journal of Colloid and Interface Science, 2018, 516, 76-85.	9.4	28
16	Fabrication of MoS2@g-C3N4 core-shell nanospheres for visible light photocatalytic degradation of toluene. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	17
17	Insight into the photocatalytic mineralization of short chain chlorinated paraffins boosted by polydopamine and Ag nanoparticles. Journal of Hazardous Materials, 2018, 359, 186-193.	12.4	15
18	Multifunctional Plasmonic Co-Doped Fe₂O₃@polydopamine-Au for Adsorption, Photocatalysis, and SERS-based Sensing. Particle and Particle Systems Characterization, 2016, 33, 602-609.	2.3	27

#	Article	IF	Citations
19	Matryoshka-caged gold nanorods: Synthesis, plasmonic properties, and catalytic activity. Nano Research, 2016, 9, 415-423.	10.4	31
20	Multilayered coreâ€“satellite nanoassemblies with fine-tunable broadband plasmon resonances. Nanoscale, 2015, 7, 3445-3452.	5.6	42
21	Plasmonic coreâ€“shell nanoparticles for SERS detection of the pesticide thiram: size- and shape-dependent Raman enhancement. Nanoscale, 2015, 7, 2862-2868.	5.6	153
22	Large-Scale Self-Assembly and Stretch-Induced Plasmonic Properties of Coreâ€“Shell Metal Nanoparticle Superlattice Sheets. Journal of Physical Chemistry C, 2014, 118, 26816-26824.	3.1	42
23	Plasmonic caged gold nanorods for near-infrared light controlled drug delivery. Nanoscale, 2014, 6, 14388-14393.	5.6	49
24	Giant Plasmene Nanosheets, Nanoribbons, and Origami. ACS Nano, 2014, 8, 11086-11093.	14.6	134
25	2D Porous graphitic C3N4 nanosheets/Ag3PO4 nanocomposites for enhanced visible-light photocatalytic degradation of 4-chlorophenol. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	25
26	Ultralow-density copper nanowire aerogel monoliths with tunable mechanical and electrical properties. Journal of Materials Chemistry A, 2013, 1, 6723.	10.3	132
27	Single-crystal caged gold nanorods with tunable broadband plasmon resonances. Chemical Communications, 2013, 49, 9630.	4.1	43
28	Spectral properties of nanoengineered Ag/Au bilayer rods fabricated by electron beam lithography. Applied Optics, 2011, 50, 5600.	2.1	14
29	One-step synthesis of flower-like Ag/AgCl/BiOCl composite with enhanced visible-light photocatalytic activity. Catalysis Communications, 2011, 16, 229-233.	3.3	116