

# Wei Xiong

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Plasmonic core-shell nanoparticles for SERS detection of the pesticide thiram: size- and shape-dependent Raman enhancement. <i>Nanoscale</i> , 2015, 7, 2862-2868.	5.6	153
2	Giant Plasmene Nanosheets, Nanoribbons, and Origami. <i>ACS Nano</i> , 2014, 8, 11086-11093.	14.6	134
3	Ultralow-density copper nanowire aerogel monoliths with tunable mechanical and electrical properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6723.	10.3	132
4	Atomically Dispersed Iron Metal Site in a Porphyrin-Based Metal-Organic Framework for Photocatalytic Nitrogen Fixation. <i>ACS Nano</i> , 2021, 15, 9670-9678.	14.6	127
5	One-step synthesis of flower-like Ag/AgCl/BiOCl composite with enhanced visible-light photocatalytic activity. <i>Catalysis Communications</i> , 2011, 16, 229-233.	3.3	116
6	CuSn Alloy Nanoparticles on Nitrogen-Doped Graphene for Electrocatalytic CO <sub>2</sub> Reduction. <i>ChemElectroChem</i> , 2019, 6, 5951-5957.	3.4	59
7	Plasmonic caged gold nanorods for near-infrared light controlled drug delivery. <i>Nanoscale</i> , 2014, 6, 14388-14393.	5.6	49
8	Single-crystal caged gold nanorods with tunable broadband plasmon resonances. <i>Chemical Communications</i> , 2013, 49, 9630.	4.1	43
9	Large-Scale Self-Assembly and Stretch-Induced Plasmonic Properties of Core-Shell Metal Nanoparticle Superlattice Sheets. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26816-26824.	3.1	42
10	Multilayered core-satellite nanoassemblies with fine-tunable broadband plasmon resonances. <i>Nanoscale</i> , 2015, 7, 3445-3452.	5.6	42
11	A new type bimetallic NiMn-MOF-74 as an efficient low-temperatures catalyst for selective catalytic reduction of NO by CO. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 159, 108232.	3.6	32
12	Matryoshka-caged gold nanorods: Synthesis, plasmonic properties, and catalytic activity. <i>Nano Research</i> , 2016, 9, 415-423.	10.4	31
13	Hollow porous zinc cobaltate nanocubes photocatalyst derived from bimetallic zeolitic imidazolate frameworks towards enhanced gaseous toluene degradation. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 76-85.	9.4	28
14	Multifunctional Plasmonic Co-Doped Fe <sub>2</sub> O <sub>3</sub> @polydopamine-Au for Adsorption, Photocatalysis, and SERS-based Sensing. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 602-609.	2.3	27
15	2D Porous graphitic C <sub>3</sub> N <sub>4</sub> nanosheets/Ag <sub>3</sub> PO <sub>4</sub> nanocomposites for enhanced visible-light photocatalytic degradation of 4-chlorophenol. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	25
16	Fabrication of MoS <sub>2</sub> @g-C <sub>3</sub> N <sub>4</sub> core-shell nanospheres for visible light photocatalytic degradation of toluene. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	17
17	Facile design of highly effective Fe-modified bimetallic Fe-Ni <sup>x</sup> -MOFs catalysts with rodlike structures for low-temperature NO reduction by CO. <i>Journal of Materials Science</i> , 2021, 56, 9914-9928.	3.7	17
18	Insight into the photocatalytic mineralization of short chain chlorinated paraffins boosted by polydopamine and Ag nanoparticles. <i>Journal of Hazardous Materials</i> , 2018, 359, 186-193.	12.4	15

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19	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
20	Spectral properties of nanoengineered Ag/Au bilayer rods fabricated by electron beam lithography. Applied Optics, 2011, 50, 5600.	2.1	14
21	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
22	CO electroreduction by AuCu bimetallic clusters: A first principles study. International Journal of Energy Research, 2021, 45, 18684-18694.	4.5	9
23	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
24	Construction of crystalline and amorphous interface between FeS <sub>2</sub> and polyaniline for enhanced electrocatalytic activity. Applied Surface Science, 2020, 505, 144534.	6.1	6
25	Noble Metal-Based Nanosensors for Environmental Detection. , 2020, , 39-78.		4
26	Synthesis of Carbon Doped TiO <sub>2</sub> Quantum Dots for Photocatalytic Sterilization under the Visible Light Irradiation and the Mechanisms. E3S Web of Conferences, 2019, 118, 01013.	0.5	3
27	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
28	Nano-Gold Boosted Environmental Catalysis. , 2020, , 165-202.		1
29	Theoretical study of the influence of doped niobium on the electronic properties of CsPbBr <sub>3</sub> . Nanoscale Advances, 2021, 3, 1910-1916.	4.6	1