

# Xianyang Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

243  
citations

933447

10  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption characteristics and mechanism of p-nitrophenol by pine sawdust biochar samples produced at different pyrolysis temperatures. <i>Scientific Reports</i> , 2020, 10, 5149.	3.3	48
2	Efficient Photocatalytic Reduction of CO <sub>2</sub> to CO Using NiFe <sub>2</sub> O <sub>4</sub> @N/C/SnO <sub>2</sub> Derived from FeNi Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40571-40581.	8.0	36
3	Single-Atom Gadolinium Anchored on Graphene Quantum Dots as a Magnetic Resonance Signal Amplifier. <i>ACS Applied Bio Materials</i> , 2021, 4, 2798-2809.	4.6	24
4	Cobalt-based metal-organic frameworks for the photocatalytic reduction of carbon dioxide. <i>Nanoscale</i> , 2021, 13, 9075-9090.	5.6	15
5	Biosynthesis of Ag <sub>2</sub> S/TiO <sub>2</sub> nanotubes nanocomposites by <i>Shewanella oneidensis</i> MR-1 for the catalytic degradation of 4-nitrophenol. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12237-12246.	5.3	14
6	Biosynthesis of Cu nanoparticles supported on carbon nanotubes and its catalytic performance under different test conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1511-1518.	3.2	14
7	Bioreductive deposition of highly dispersed Ag nanoparticles on carbon nanotubes with enhanced catalytic degradation for 4-nitrophenol assisted by <i>Shewanella oneidensis</i> MR-1. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3038-3044.	5.3	13
8	Variations in Microbiota Communities with the Ranks of Coals from Three Permian Mining Areas. <i>Energy &amp; Fuels</i> , 2019, 33, 5243-5252.	5.1	13
9	Effect of antibiotic mixtures on the characteristics of soluble microbial products and microbial communities in upflow anaerobic sludge blanket. <i>Chemosphere</i> , 2022, 292, 133531.	8.2	12
10	Taxonomic structure and function of seed-inhabiting bacterial microbiota from common reed ( <i>Phragmites australis</i> ) and narrowleaf cattail ( <i>Typha angustifolia</i> L.). <i>Archives of Microbiology</i> , 2018, 200, 869-876.	2.2	11
11	Dual application of <i>Shewanella oneidensis</i> MR-1 in green biosynthesis of Pd nanoparticles supported on TiO <sub>2</sub> nanotubes and assisted photocatalytic degradation of methylene blue. <i>IET Nanobiotechnology</i> , 2018, 12, 441-445.	3.8	10
12	Preparation of a synthetic seed for the common reed harboring an endophytic bacterium promoting seedling growth under cadmium stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8871-8879.	5.3	9
13	Correlating the chemical properties and bioavailability of dissolved organic matter released from hydrochar of walnut shells. <i>Chemosphere</i> , 2021, 275, 130003.	8.2	8
14	Microbial synthesis of Cu <sub>7</sub> S <sub>4</sub> /rGO nanocomposites with efficient photocatalytic activity for the degradation of methyl green. <i>CrystEngComm</i> , 2021, 23, 1472-1481.	2.6	6
15	Unveiling the chemotactic response and mechanism of <i>Shewanella oneidensis</i> MR-1 to nitrobenzene. <i>Journal of Hazardous Materials</i> , 2022, 431, 128629.	12.4	5
16	Microbial community structure of anaerobic sludge for hydrogen production under different acid pretreatment conditions. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, 023126.	2.0	2
17	Microbial community shifts of anaerobic sludge in response to nitrate and nitrite in simultaneous denitrification and methanogenesis systems. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 661-668.	2.3	2
18	In situ deposition of CdS on MoS <sub>2</sub> /rGO-based nanocomposites for highly efficient photocatalytic H <sub>2</sub> evolution reaction with visible light. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2390-2399.	3.2	1