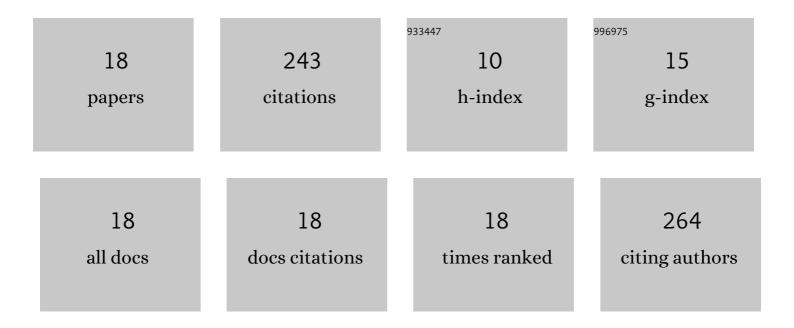
Xianyang Shi

List of Publications by Year in descending order

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XIANVANC SHI

#	Article	IF	CITATIONS
1	Adsorption characteristics and mechanism of p-nitrophenol by pine sawdust biochar samples produced at different pyrolysis temperatures. Scientific Reports, 2020, 10, 5149.	3.3	48
2	Efficient Photocatalytic Reduction of CO ₂ to CO Using NiFe ₂ O ₄ @N/C/SnO ₂ Derived from FeNi Metal–Organic Framework. ACS Applied Materials & Interfaces, 2021, 13, 40571-40581.	8.0	36
3	Single-Atom Gadolinium Anchored on Graphene Quantum Dots as a Magnetic Resonance Signal Amplifier. ACS Applied Bio Materials, 2021, 4, 2798-2809.	4.6	24
4	Cobalt-based metal–organic frameworks for the photocatalytic reduction of carbon dioxide. Nanoscale, 2021, 13, 9075-9090.	5.6	15
5	Biosynthesis of Ag2S/TiO2 nanotubes nanocomposites by Shewanella oneidensis MR-1 for the catalytic degradation of 4-nitrophenol. Environmental Science and Pollution Research, 2019, 26, 12237-12246.	5.3	14
6	Biosynthesis of Cu nanoparticles supported on carbon nanotubes and its catalytic performance under different test conditions. Journal of Chemical Technology and Biotechnology, 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 Shewanella oneidensis MR-1. Environmental Science and Pollution Research, 2017, 24, 3038-3044.	5.3	13
8	Variations in Microbiota Communities with the Ranks of Coals from Three Permian Mining Areas. Energy & Fuels, 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. Chemosphere, 2022, 292, 133531.	8.2	12
10	Taxonomic structure and function of seed-inhabiting bacterial microbiota from common reed (Phragmites australis) and narrowleaf cattail (Typha angustifolia L.). Archives of Microbiology, 2018, 200, 869-876.	2.2	11
11	Dual application of <i>Shewanella oneidensis</i> MRâ€1Âin green biosynthesis of Pd nanoparticles supported on TiO ₂ nanotubes and assisted photocatalytic degradation of methylene blue. IET Nanobiotechnology, 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. Environmental Science and Pollution Research, 2018, 25, 8871-8879.	5.3	9
13	Correlating the chemical properties and bioavailability of dissolved organic matter released from hydrochar of walnut shells. Chemosphere, 2021, 275, 130003.	8.2	8
14	Microbial synthesis of Cu ₇ S ₄ /rGO nanocomposites with efficient photocatalytic activity for the degradation of methyl green. CrystEngComm, 2021, 23, 1472-1481.	2.6	6
15	Unveiling the chemotactic response and mechanism of Shewanella oneidensis MR-1 to nitrobenzene. Journal of Hazardous Materials, 2022, 431, 128629.	12.4	5
16	Microbial community structure of anaerobic sludge for hydrogen production under different acid pretreatment conditions. Journal of Renewable and Sustainable Energy, 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. Environmental Progress and Sustainable Energy, 2016, 35, 661-668.	2.3	2
18	<i>In situ</i> deposition of <scp>CdS</scp> on <scp>MoS₂</scp> / <scp>rGO</scp> â€based nanocomposites for highly efficient photocatalytic <scp>H₂</scp> evolution reaction with visible light. Journal of Chemical Technology and Biotechnology, 2021, 96, 2390-2399.	3.2	1