

Xinchao Wei

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5696589/xinchao-wei-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

605
citations

12
h-index

23
g-index

23
ext. papers

708
ext. citations

4.9
avg, IF

4.06
L-index

#	Paper	IF	Citations
23	Phosphorus removal by acid mine drainage sludge from secondary effluents of municipal wastewater treatment plants. <i>Water Research</i> , 2008 , 42, 3275-84	12.5	124
22	Recovery of Iron and Aluminum from Acid Mine Drainage by Selective Precipitation. <i>Environmental Engineering Science</i> , 2005 , 22, 745-755	2	120
21	Synthesis of magnetite nanoparticles with ferric iron recovered from acid mine drainage: Implications for environmental engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 294, 280-286	5.1	82
20	CO ₂ activation promotes available carbonate and phosphorus of antibiotic mycelial fermentation residue-derived biochar support for increased lead immobilization. <i>Chemical Engineering Journal</i> , 2018 , 334, 1101-1107	14.7	33
19	Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions. <i>Environmental Engineering Science</i> , 2012 , 29, 526-532	2	33
18	Carbon transmission of CO ₂ activated nano-MgO carbon composites enhances phosphate immobilization. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3705-3713	13	27
17	Treatment of petrochemical wastewater and produced water from oil and gas. <i>Water Environment Research</i> , 2019 , 91, 1025-1033	2.8	27
16	Thermogravimetric study of coal-based reduction of oolitic iron ore: Kinetics and mechanisms. <i>International Journal of Mineral Processing</i> , 2015 , 143, 87-97		24
15	Characterization and Dewatering Evaluation of Acid Mine Drainage Sludge from Ammonia Neutralization. <i>Environmental Engineering Science</i> , 2006 , 23, 734-743	2	24
14	Effects of highway construction on stream water quality and macroinvertebrate condition in a mid-atlantic highlands watershed, USA. <i>Journal of Environmental Quality</i> , 2009 , 38, 1672-82	3.4	18
13	Mine drainage: Treatment technologies and rare earth elements. <i>Water Environment Research</i> , 2019 , 91, 1061-1068	2.8	13
12	Response of benthic macroinvertebrate communities to highway construction in an Appalachian watershed. <i>Hydrobiologia</i> , 2010 , 641, 115-131	2.4	13
11	Post-reclamation water quality trend in a Mid-Appalachian watershed of abandoned mine lands. <i>Science of the Total Environment</i> , 2011 , 409, 941-8	10.2	10
10	Characterization and Potential Applications of Hydrochars Derived from P- and N-Enriched Agricultural and Antibiotic Residues via Microwave-Assisted Hydrothermal Conversion. <i>Energy & Fuels</i> , 2020 , 34, 11154-11164	4.1	10
9	Mine Drainage: Characterization, Treatment, Modeling, and Environmental Aspect. <i>Water Environment Research</i> , 2014 , 86, 1515-1534	2.8	8
8	Minerals and Mine Drainage. <i>Water Environment Research</i> , 2013 , 85, 1515-1547	2.8	7
7	Adsorption and Precoat Filtration Studies of Synthetic Dye Removal by Acid Mine Drainage Sludge. <i>Journal of Environmental Engineering, ASCE</i> , 2007 , 133, 633-640	2	7

6	Influence of process parameters on hydrothermal modification of soybean residue: Insight into the nutrient, solid biofuel, and thermal properties of hydrochars. <i>Journal of Environmental Management</i> , 2021 , 283, 111981	7.9	7
5	Mine Drainage Generation and Control Options. <i>Water Environment Research</i> , 2016 , 88, 1409-32	2.8	6
4	Petrochemical wastewater and produced water: Treatment technology and resource recovery. <i>Water Environment Research</i> , 2020 , 92, 1695-1700	2.8	5
3	Petrochemical Wastewater and Produced Water. <i>Water Environment Research</i> , 2018 , 90, 1634-1647	2.8	3
2	Mine drainage: Remediation technology and resource recovery. <i>Water Environment Research</i> , 2020 , 92, 1533-1540	2.8	2
1	Microwave-assisted hydrothermal treatment of soybean residue and chitosan: Characterization of hydrochars and role of N and P transformation for Pb(II) removal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021 , 160, 105330	6	2