

# Xinchao Wei

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5696589/xinchao-wei-publications-by-year.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	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> , <b>2021</b> , 283, 111981	7.9	7
22	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> , <b>2021</b> , 160, 105330	6	2
21	Mine drainage: Remediation technology and resource recovery. <i>Water Environment Research</i> , <b>2020</b> , 92, 1533-1540	2.8	2
20	Characterization and Potential Applications of Hydrochars Derived from P- and N-Enriched Agricultural and Antibiotic Residues via Microwave-Assisted Hydrothermal Conversion. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 11154-11164	4.1	10
19	Petrochemical wastewater and produced water: Treatment technology and resource recovery. <i>Water Environment Research</i> , <b>2020</b> , 92, 1695-1700	2.8	5
18	Mine drainage: Treatment technologies and rare earth elements. <i>Water Environment Research</i> , <b>2019</b> , 91, 1061-1068	2.8	13
17	Treatment of petrochemical wastewater and produced water from oil and gas. <i>Water Environment Research</i> , <b>2019</b> , 91, 1025-1033	2.8	27
16	Carbon transmission of CO <sub>2</sub> activated nano-MgO carbon composites enhances phosphate immobilization. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 3705-3713	13	27
15	CO <sub>2</sub> activation promotes available carbonate and phosphorus of antibiotic mycelial fermentation residue-derived biochar support for increased lead immobilization. <i>Chemical Engineering Journal</i> , <b>2018</b> , 334, 1101-1107	14.7	33
14	Petrochemical Wastewater and Produced Water. <i>Water Environment Research</i> , <b>2018</b> , 90, 1634-1647	2.8	3
13	Mine Drainage Generation and Control Options. <i>Water Environment Research</i> , <b>2016</b> , 88, 1409-32	2.8	6
12	Thermogravimetric study of coal-based reduction of oolitic iron ore: Kinetics and mechanisms. <i>International Journal of Mineral Processing</i> , <b>2015</b> , 143, 87-97		24
11	Mine Drainage: Characterization, Treatment, Modeling, and Environmental Aspect. <i>Water Environment Research</i> , <b>2014</b> , 86, 1515-1534	2.8	8
10	Minerals and Mine Drainage. <i>Water Environment Research</i> , <b>2013</b> , 85, 1515-1547	2.8	7
9	Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions. <i>Environmental Engineering Science</i> , <b>2012</b> , 29, 526-532	2	33
8	Post-reclamation water quality trend in a Mid-Appalachian watershed of abandoned mine lands. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 941-8	10.2	10
7	Response of benthic macroinvertebrate communities to highway construction in an Appalachian watershed. <i>Hydrobiologia</i> , <b>2010</b> , 641, 115-131	2.4	13

6	Effects of highway construction on stream water quality and macroinvertebrate condition in a mid-atlantic highlands watershed, USA. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 1672-82	3.4	18
5	Phosphorus removal by acid mine drainage sludge from secondary effluents of municipal wastewater treatment plants. <i>Water Research</i> , <b>2008</b> , 42, 3275-84	12.5	124
4	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> , <b>2007</b> , 294, 280-286	5.1	82
3	Adsorption and Precoat Filtration Studies of Synthetic Dye Removal by Acid Mine Drainage Sludge. <i>Journal of Environmental Engineering, ASCE</i> , <b>2007</b> , 133, 633-640	2	7
2	Characterization and Dewatering Evaluation of Acid Mine Drainage Sludge from Ammonia Neutralization. <i>Environmental Engineering Science</i> , <b>2006</b> , 23, 734-743	2	24
1	Recovery of Iron and Aluminum from Acid Mine Drainage by Selective Precipitation. <i>Environmental Engineering Science</i> , <b>2005</b> , 22, 745-755	2	120