

# Ling Xia

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

596  
citations

687363

13  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of As(V) inside the pores of porous hematite in water. <i>Journal of Hazardous Materials</i> , 2016, 307, 312-317.	12.4	66
2	Enhancement of cadmium adsorption by EPS-montmorillonite composites. <i>Environmental Pollution</i> , 2019, 252, 1509-1518.	7.5	65
3	Enhanced Pb(II) removal by algal-based biosorbent cultivated in high-phosphorus cultures. <i>Chemical Engineering Journal</i> , 2019, 361, 167-179.	12.7	65
4	Achieving short-cut nitrification and denitrification in modified intermittently aerated constructed wetland. <i>Bioresource Technology</i> , 2017, 232, 10-17.	9.6	56
5	Immobilization of mercury using high-phosphate culture-modified microalgae. <i>Environmental Pollution</i> , 2019, 254, 112966.	7.5	46
6	Pathway governing nitrogen removal in artificially aerated constructed wetlands: Impact of aeration mode and influent chemical oxygen demand to nitrogen ratios. <i>Bioresource Technology</i> , 2018, 257, 137-146.	9.6	38
7	Solidification of municipal solid waste incineration fly ash and immobilization of heavy metals using waste glass in alkaline activation system. <i>Chemosphere</i> , 2021, 283, 131240.	8.2	36
8	Algal biomass from the stable growth phase as a potential biosorbent for Pb(II) removal from water. <i>RSC Advances</i> , 2017, 7, 34600-34608.	3.6	35
9	Cell surface characterization of some oleaginous green algae. <i>Journal of Applied Phycology</i> , 2016, 28, 2323-2332.	2.8	32
10	Adsorption toward Cu(II) and inhibitory effect on bacterial growth occurring on molybdenum disulfide-montmorillonite hydrogel surface. <i>Chemosphere</i> , 2020, 248, 126025.	8.2	32
11	High temperature enhances lipid accumulation in nitrogen-deprived <i>Scenedesmus obtusus</i> XJ-15. <i>Journal of Applied Phycology</i> , 2016, 28, 831-837.	2.8	31
12	Selection of microalgae for biodiesel production in a scalable outdoor photobioreactor in north China. <i>Bioresource Technology</i> , 2014, 174, 274-280.	9.6	26
13	Montmorillonite facilitated Pb(II) biomineralization by <i>Chlorella sorokiniana</i> FK in soil. <i>Journal of Hazardous Materials</i> , 2022, 423, 127007.	12.4	21
14	Optimization of Supercritical CO <sub>2</sub> Extraction of Essential Oil from <i>Artemisia annua</i> L. by Means of Response Surface Methodology. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 314-327.	1.9	15
15	Comparison of Arsenic Adsorption on Goethite and Amorphous Ferric Oxyhydroxide in Water. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	13
16	Combined electrosorption and chemisorption of As(III) in aqueous solutions with manganese dioxide as the electrode. <i>Environmental Technology and Innovation</i> , 2021, 24, 101832.	6.1	7
17	Enhancement of Cd(II) Adsorption on Microalgae-Montmorillonite Composite. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 6715-6727.	3.0	5
18	Physical Disturbance Reduces Cyanobacterial Relative Abundance and Substrate Metabolism Potential of Biological Soil Crusts on a Gold Mine Tailing of Central China. <i>Frontiers in Microbiology</i> , 2022, 13, 811039.	3.5	3

#	ARTICLE	IF	CITATIONS
19	ARSENIC REMOVAL FROM WATER BY ADSORPTION ON IRON-CONTAMINATED CRYPTOCRYSTALLINE GRAPHITE. Surface Review and Letters, 2017, 24, 1750099.	1.1	2
20	A Green Method toward Graphene Oxide Reduction by Extracellular Polymeric Substances Assisted with NH <sub>4</sub> <sup>+</sup> . Arabian Journal for Science and Engineering, 2021, 46, 485-494.	3.0	2