

Lingling Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

719
citations

840119

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1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	pH Dependence of Structure and Surface Properties of Microbial EPS. <i>Environmental Science & Technology</i> , 2012, 46, 737-744.	4.6	225
2	Birnessite (γ -MnO ₂) Mediated Degradation of Organoarsenic Feed Additive <i>p</i> -Arsanilic Acid. <i>Environmental Science & Technology</i> , 2015, 49, 3473-3481.	4.6	117
3	Arsenic pollution of agricultural soils by concentrated animal feeding operations (CAFOs). <i>Chemosphere</i> , 2015, 119, 273-281.	4.2	94
4	Hydrogen bonding impact on chitosan plasticization. <i>Carbohydrate Polymers</i> , 2018, 200, 115-121.	5.1	78
5	Surfactant-mediated settleability and dewaterability of activated sludge. <i>Chemical Engineering Science</i> , 2014, 116, 228-234.	1.9	54
6	Conformations and molecular interactions of poly- γ -glutamic acid as a soluble microbial product in aqueous solutions. <i>Scientific Reports</i> , 2017, 7, 12787.	1.6	35
7	Hydration interactions and stability of soluble microbial products in aqueous solutions. <i>Water Research</i> , 2013, 47, 5921-5929.	5.3	29
8	Experimental and theoretical analyses on the impacts of ionic surfactants on sludge properties. <i>Science of the Total Environment</i> , 2018, 633, 198-205.	3.9	20
9	Spatial configuration of extracellular polymeric substances of <i>Bacillus megaterium</i> TF10 in aqueous solution. <i>Water Research</i> , 2012, 46, 3490-3496.	5.3	18
10	Improved production of poly- γ -glutamic acid with low molecular weight under high ferric ion concentration stress in <i>Bacillus licheniformis</i> ATCC 9945a. <i>Process Biochemistry</i> , 2017, 56, 30-36.	1.8	18
11	Purification and molecular weight distribution of a key exopolysaccharide component of <i>Bacillus megaterium</i> TF10. <i>Journal of Environmental Sciences</i> , 2018, 63, 9-15.	3.2	12
12	Osteogenic, Angiogenic, and Antibacterial Bioactive Nano-Hydroxyapatite Co-Synthesized Using γ -Polyglutamic Acid and Copper. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1920-1930.	2.6	11
13	Complexation and conformation of lead ion with poly- γ -glutamic acid in soluble state. <i>PLoS ONE</i> , 2019, 14, e0218742.	1.1	7
14	A new polystyrene-latex-based and EPS-containing synthetic sludge. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 131-139.	3.3	1
15	Principles and application of laser light scattering (LLS) in characterization of the spatial configuration of microbial products in aqueous solution. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 8, 12-19.	5.3	0