

# Lingling Wang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Osteogenic, Angiogenic, and Antibacterial Bioactive Nano-Hydroxyapatite Co-Synthesized Using $\text{L}^3$ -Polyglutamic Acid and Copper. ACS Biomaterials Science and Engineering, 2020, 6, 1920-1930.	2.6	11
2	Complexation and conformation of lead ion with poly- $\text{L}^3$ -glutamic acid in soluble state. PLoS ONE, 2019, 14, e0218742.	1.1	7
3	Experimental and theoretical analyses on the impacts of ionic surfactants on sludge properties. Science of the Total Environment, 2018, 633, 198-205.	3.9	20
4	Purification and molecular weight distribution of a key exopolysaccharide component of Bacillus megaterium TF10. Journal of Environmental Sciences, 2018, 63, 9-15.	3.2	12
5	Hydrogen bonding impact on chitosan plasticization. Carbohydrate Polymers, 2018, 200, 115-121.	5.1	78
6	Improved production of poly- $\text{L}^3$ -glutamic acid with low molecular weight under high ferric ion concentration stress in Bacillus licheniformis ATCC 9945a. Process Biochemistry, 2017, 56, 30-36.	1.8	18
7	Conformations and molecular interactions of poly- $\text{L}^3$ -glutamic acid as a soluble microbial product in aqueous solutions. Scientific Reports, 2017, 7, 12787.	1.6	35
8	Birnessite ( $\text{MnO}_2$ ) Mediated Degradation of Organoarsenic Feed Additive <i>p</i> -Arsanilic Acid. Environmental Science & Technology, 2015, 49, 3473-3481.	4.6	117
9	Principles and application of laser light scattering (LLS) in characterization of the spatial configuration of microbial products in aqueous solution. Trends in Environmental Analytical Chemistry, 2015, 8, 12-19.	5.3	0
10	Arsenic pollution of agricultural soils by concentrated animal feeding operations (CAFOs). Chemosphere, 2015, 119, 273-281.	4.2	94
11	Surfactant-mediated settleability and dewaterability of activated sludge. Chemical Engineering Science, 2014, 116, 228-234.	1.9	54
12	Hydration interactions and stability of soluble microbial products in aqueous solutions. Water Research, 2013, 47, 5921-5929.	5.3	29
13	Spatial configuration of extracellular polymeric substances of Bacillus megaterium TF10 in aqueous solution. Water Research, 2012, 46, 3490-3496.	5.3	18
14	pH Dependence of Structure and Surface Properties of Microbial EPS. Environmental Science & Technology, 2012, 46, 737-744.	4.6	225
15	A new polystyrene-latex-based and EPS-containing synthetic sludge. Frontiers of Environmental Science and Engineering, 2012, 6, 131-139.	3.3	1