

# Zheng Xue

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

545  
citations

840776

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h-index

1281871

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g-index

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12  
docs citations

12  
times ranked

779  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of biofilms on the formation and decay of disinfection by-products in chlor(am)inated water distribution systems. <i>Science of the Total Environment</i> , 2021, 753, 141606.	8.0	20
2	Effects of Extracellular Polymeric Substance Composition on Bacteria Disinfection by Monochloramine: Application of MALDI-TOF/TOF-MS and Multivariate Analysis. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9197-9205.	10.0	21
3	Membrane biofouling in a wastewater nitrification reactor: Microbial succession from autotrophic colonization to heterotrophic domination. <i>Water Research</i> , 2016, 88, 337-345.	11.3	47
4	Membrane biofouling characterization: effects of sample preparation procedures on biofilm structure and the microbial community. <i>Biofouling</i> , 2014, 30, 813-821.	2.2	13
5	Selective Reactivity of Monochloramine with Extracellular Matrix Components Affects the Disinfection of Biofilm and Detached Clusters. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3832-3839.	10.0	51
6	Impact of Chlorine Disinfection on Redistribution of Cell Clusters from Biofilms. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130110105143004.	10.0	16
7	<i>Pseudomonas aeruginosa</i> inactivation mechanism is affected by capsular extracellular polymeric substances reactivity with chlorine and monochloramine. <i>FEMS Microbiology Ecology</i> , 2013, 83, 101-111.	2.7	75
8	The Influence of Extracellular Polymeric Substance Composition on Bacteria Disinfection By Monochloramine. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 165-171.	0.0	0
9	The role of extracellular polymeric substances on the sorption of natural organic matter. <i>Water Research</i> , 2012, 46, 1052-1060.	11.3	72
10	The influence of capsular extracellular polymeric substances on the interaction between TiO <sub>2</sub> nanoparticles and planktonic bacteria. <i>Water Research</i> , 2012, 46, 4687-4696.	11.3	75
11	The influence of biofilm structure and total interaction energy on <i>Escherichia coli</i> retention by <i>Pseudomonas aeruginosa</i> biofilm. <i>Biofouling</i> , 2012, 28, 1119-1128.	2.2	25
12	Multiple Roles of Extracellular Polymeric Substances on Resistance of Biofilm and Detached Clusters. <i>Environmental Science &amp; Technology</i> , 2012, 46, 13212-13219.	10.0	130