

Conghui Huang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

315
citations

1163117
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all docs

9
docs citations

9
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorine decay and disinfection by-products formation during chlorination of biofilms formed with simulated drinking water containing corrosion inhibitors. <i>Science of the Total Environment</i> , 2022, 815, 152763.	8.0	9
2	Effect of Nonphosphorus Corrosion Inhibitors on Biofilm Pore Structure and Mechanical Properties. <i>Environmental Science & Technology</i> , 2020, 54, 14716-14724.	10.0	7
3	Effect of disinfectant residuals on infection risks from <i>Legionella pneumophila</i> released by biofilms grown under simulated premise plumbing conditions. <i>Environment International</i> , 2020, 137, 105561.	10.0	17
4	Disintegration of simulated drinking water biofilms with arrays of microchannel plasma jets. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 24.	6.4	16
5	Effect of divalent ions and a polyphosphate on composition, structure, and stiffness of simulated drinking water biofilms. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 15.	6.4	33
6	Role of drinking water biofilms on residual chlorine decay and trihalomethane formation: An experimental and modeling study. <i>Science of the Total Environment</i> , 2018, 642, 516-525.	8.0	45
7	Effect of Disinfectant Exposure on <i>Legionella pneumophila</i> Associated with Simulated Drinking Water Biofilms: Release, Inactivation, and Infectivity. <i>Environmental Science & Technology</i> , 2017, 51, 2087-2095.	10.0	31
8	Response of Simulated Drinking Water Biofilm Mechanical and Structural Properties to Long-Term Disinfectant Exposure. <i>Environmental Science & Technology</i> , 2016, 50, 1779-1787.	10.0	66
9	Role of Biofilm Roughness and Hydrodynamic Conditions in <i>Legionella pneumophila</i> Adhesion to and Detachment from Simulated Drinking Water Biofilms. <i>Environmental Science & Technology</i> , 2015, 49, 4274-4282.	10.0	91