

# Conghui Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11679245/publications.pdf>

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9  
papers

315  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Biofilm Roughness and Hydrodynamic Conditions in <i>Legionella pneumophila</i> Adhesion to and Detachment from Simulated Drinking Water Biofilms. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4274-4282.	10.0	91
2	Response of Simulated Drinking Water Biofilm Mechanical and Structural Properties to Long-Term Disinfectant Exposure. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1779-1787.	10.0	66
3	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
4	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
5	Effect of Disinfectant Exposure on <i>Legionella pneumophila</i> Associated with Simulated Drinking Water Biofilms: Release, Inactivation, and Infectivity. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2087-2095.	10.0	31
6	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
7	Disintegration of simulated drinking water biofilms with arrays of microchannel plasma jets. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 24.	6.4	16
8	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
9	Effect of Nonphosphorus Corrosion Inhibitors on Biofilm Pore Structure and Mechanical Properties. <i>Environmental Science &amp; Technology</i> , 2020, 54, 14716-14724.	10.0	7