

# Yongchao Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

485  
citations

759233

12  
h-index

713466

21  
g-index

40  
all docs

40  
docs citations

40  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient removal of norfloxacin in water using magnetic molecularly imprinted polymer. <i>Chemosphere</i> , 2021, 262, 128032.	8.2	92
2	Comparison of UV/PDS and UV/H <sub>2</sub> O <sub>2</sub> processes for the degradation of atenolol in water. <i>Journal of Environmental Sciences</i> , 2013, 25, 1519-1528.	6.1	41
3	Urban flood risk assessment using storm characteristic parameters sensitive to catchment-specific drainage system. <i>Science of the Total Environment</i> , 2019, 659, 1362-1369.	8.0	37
4	The source apportionment of N and P pollution in the surface waters of lowland urban area based on EEM-PARAFAC and PCA-APCS-MLR. <i>Environmental Research</i> , 2021, 197, 111022.	7.5	37
5	Clogging development and hydraulic performance of the horizontal subsurface flow stormwater constructed wetlands: a laboratory study. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9210-9219.	5.3	27
6	Experiment research on physical clogging mechanism in the porous media and its impact on permeability. <i>Granular Matter</i> , 2020, 22, 1.	2.2	24
7	Effects of hydroxyapatite addition on heavy metal volatility during tannery sludge incineration. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4405-4413.	5.3	23
8	Enzyme treatment improves the performance of laboratory-scale vertical flow constructed wetland. <i>Bioresource Technology</i> , 2018, 268, 665-671.	9.6	22
9	A comparative analysis for the development and recovery processes of different types of clogging in lab-scale vertical flow constructed wetlands. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24073-24083.	5.3	22
10	Combination of nitrate and sodium nitroprusside dosing for sulfide control with low carbon source loss in sewer biofilm reactors. <i>Journal of Hazardous Materials</i> , 2022, 424, 127527.	12.4	18
11	A new LID spatial allocation optimization system at neighborhood scale: Integrated SWMM with PICEA-g using MATLAB as the platform. <i>Science of the Total Environment</i> , 2022, 831, 154843.	8.0	17
12	The release mechanism of heavy metals from lab-scale vertical flow constructed wetlands treating road runoff. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16588-16595.	5.3	15
13	Characteristics and mechanism of dimethyl trisulfide formation during sulfide control in sewer by adding various oxidants. <i>Science of the Total Environment</i> , 2019, 673, 719-725.	8.0	10
14	Assessment and pathway determination for rainfall-derived inflow and infiltration in sanitary systems: a case study. <i>Urban Water Journal</i> , 2019, 16, 600-607.	2.1	10
15	Experimental study of seepage flow properties with biofilm development in porous media with different filter morphologies. <i>Journal of Hydrology</i> , 2020, 591, 125596.	5.4	8
16	Effect of dissolved oxygen on N <sub>2</sub> O release in the sewer system during controlling hydrogen sulfide by nitrate dosing. <i>Science of the Total Environment</i> , 2022, 816, 151581.	8.0	8
17	The influence mechanism of bioclogging on pollution removal efficiency of vertical flow constructed wetland. <i>Water Science and Technology</i> , 2020, 81, 1870-1881.	2.5	7
18	Laboratory investigation on <i>Bacillus subtilis</i> addition to alleviate bio-clogging for constructed wetlands. <i>Environmental Research</i> , 2021, 194, 110642.	7.5	7

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19	Effects of microbial activity on incipient motion and erosion of sediment. <i>Environmental Fluid Mechanics</i> , 2020, 20, 175-188.	1.6	6
20	Nitrous oxide emission from stormwater biofilters in alternating dry and wet weather. <i>Environmental Research</i> , 2020, 191, 110137.	7.5	6
21	Real-time burst detection based on multiple features of pressure data. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 1474-1491.	2.1	6
22	Impacts of biological activities on erosion of sewer sediments. <i>Water Management</i> , 2016, 169, 43-52.	1.2	5
23	Experimental study on volatile sulfur compound inhibition using a single-chamber membrane-free microbial electrolysis cell. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30571-30582.	5.3	4
24	Salinity Distribution and Sediment Flux in the Estuarine Xuanmen Reservoir. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	4
25	Fracture toughness measurements of soft sediments based on gas injection tests. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 847-855.	2.1	4
26	Experimental study of the performance of a siphon sediment cleansing set in a CSO chamber. <i>Water Science and Technology</i> , 2013, 68, 184-191.	2.5	3
27	Total and settling velocity-fractionated pollution potential of sewer sediments in Jiaying, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23133-23143.	5.3	3
28	Numerical investigation on bottom shear stress induced by flushing gate for sewer cleaning. <i>Water Science and Technology</i> , 2019, 80, 290-299.	2.5	3
29	Effect of ferric iron and nitrate on hydrogen sulfide control in lab-scale reactors. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 1806-1818.	2.4	3
30	Refitted inclined plate for improving suspended solids removal in standard storm-water sumps. <i>Water Science and Technology</i> , 2018, 77, 2077-2083.	2.5	2
31	Influence of parameters on the photocatalytic bromate removal by F-graphene-TiO <sub>2</sub> . <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 248-256.	2.2	2
32	Photocatalytic degradation of norfloxacin by magnetic molecularly imprinted polymers: influencing factors and mechanisms. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1438-1449.	2.2	2
33	Effective removal of Sb(V) from aqueous solutions by electrocoagulation with composite scrap iron-manganese as an anode. <i>Environmental Science and Pollution Research</i> , 2022, 29, 58088-58096.	5.3	2
34	Field performance of self-siphon sediment cleansing set for sediment removal in deep CSO chamber. <i>Water Science and Technology</i> , 2013, 67, 278-283.	2.5	1
35	Underestimation of flood quantiles from parallel drainage areas. <i>Urban Water Journal</i> , 2016, 13, 441-453.	2.1	1
36	An Experimental Study on Bubble Growth in Laponite RD as Thixotropic Yield Material. <i>Materials</i> , 2020, 13, 2887.	2.9	1

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37	Gas injection test of remolded saturated soil with consolidation. <i>Marine Georesources and Geotechnology</i> , 2020, , 1-10.	2.1	1
38	Effects of intermittent chemical dosing on volatile sulfur compounds in sewer headspace. <i>Environmental Engineering Research</i> , 2022, 27, 210091-0.	2.5	1
39	Application of filter media surface hydrophobic modification to reduce bioclogging in the infiltration system. <i>Environmental Technology (United Kingdom)</i> , 2022, , 1-26.	2.2	0