Yongchao Zhou

List of Publications by Year
in descending order

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		759233	713466
39	485	12	21
papers	citations	h-index	g-index

40	40	40	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photocatalytic degradation of norfloxacin by magnetic molecularly imprinted polymers: influencing factors and mechanisms. Environmental Technology (United Kingdom), 2023, 44, 1438-1449.	2.2	2
2	Effects of intermittent chemical dosing on volatile sulfur compounds in sewer headspace. Environmental Engineering Research, 2022, 27, 210091-0.	2.5	1
3	Fracture toughness measurements of soft sediments based on gas injection tests. Marine Georesources and Geotechnology, 2022, 40, 847-855.	2.1	4
4	Real-time burst detection based on multiple features of pressure data. Water Science and Technology: Water Supply, 2022, 22, 1474-1491.	2.1	6
5	Combination of nitrate and sodium nitroprusside dosing for sulfide control with low carbon source loss in sewer biofilm reactors. Journal of Hazardous Materials, 2022, 424, 127527.	12.4	18
6	Effect of dissolved oxygen on N2O release in the sewer system during controlling hydrogen sulfide by nitrate dosing. Science of the Total Environment, 2022, 816, 151581.	8.0	8
7	Application of filter media surface hydrophobic modification to reduce bioclogging in the infiltration system. Environmental Technology (United Kingdom), 2022, , 1-26.	2.2	0
8	Effective removal of Sb(V) from aqueous solutions by electrocoagulation with composite scrap iron-manganese as an anode. Environmental Science and Pollution Research, 2022, 29, 58088-58096.	5.3	2
9	A new LID spatial allocation optimization system at neighborhood scale: Integrated SWMM with PICEA-g using MATLAB as the platform. Science of the Total Environment, 2022, 831, 154843.	8.0	17
10	Efficient removal of norfloxacin in water using magnetic molecularly imprinted polymer. Chemosphere, 2021, 262, 128032.	8.2	92
11	Laboratory investigation on Bacillus subtilis addition to alleviate bio-clogging for constructed wetlands. Environmental Research, 2021, 194, 110642.	7.5	7
12	Influence of parameters on the photocatalytic bromate removal by F-graphene-TiO2. Environmental Technology (United Kingdom), 2021, 42, 248-256.	2.2	2
13	The source apportionment of N and P pollution in the surface waters of lowland urban area based on EEM-PARAFAC and PCA-APCS-MLR. Environmental Research, 2021, 197, 111022.	7.5	37
14	Effect of ferric iron and nitrate on hydrogen sulfide control in lab-scale reactors. Environmental Science: Water Research and Technology, 2021, 7, 1806-1818.	2.4	3
15	Effects of microbial activity on incipient motion and erosion of sediment. Environmental Fluid Mechanics, 2020, 20, 175-188.	1.6	6
16	Experimental study of seepage flow properties with biofilm development in porous media with different filter morphologies. Journal of Hydrology, 2020, 591, 125596.	5.4	8
17	An Experimental Study on Bubble Growth in Laponite RD as Thixotropic Yield Material. Materials, 2020, 13, 2887.	2.9	1
18	Nitrous oxide emission from stormwater biofilters in alternating dry and wet weather. Environmental Research, 2020, 191, 110137.	7.5	6

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19	Gas injection test of remolded saturated soil with consolidation. Marine Georesources and Geotechnology, 2020, , 1-10.	2.1	1
20	Experimental study on volatile sulfur compound inhibition using a single-chamber membrane-free microbial electrolysis cell. Environmental Science and Pollution Research, 2020, 27, 30571-30582.	5.3	4
21	The influence mechanism of bioclogging on pollution removal efficiency of vertical flow constructed wetland. Water Science and Technology, 2020, 81, 1870-1881.	2.5	7
22	Salinity Distribution and Sediment Flux in the Estuarine Xuanmen Reservoir. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	4
23	Experiment research on physical clogging mechanism in the porous media and its impact on permeability. Granular Matter, 2020, 22, 1.	2.2	24
24	Numerical investigation on bottom shear stress induced by flushing gate for sewer cleaning. Water Science and Technology, 2019, 80, 290-299.	2.5	3
25	The release mechanism of heavy metals from lab-scale vertical flow constructed wetlands treating road runoff. Environmental Science and Pollution Research, 2019, 26, 16588-16595.	5.3	15
26	Characteristics and mechanism of dimethyl trisulfide formation during sulfide control in sewer by adding various oxidants. Science of the Total Environment, 2019, 673, 719-725.	8.0	10
27	Assessment and pathway determination for rainfall-derived inflow and infiltration in sanitary systems: a case study. Urban Water Journal, 2019, 16, 600-607.	2.1	10
28	Urban flood risk assessment using storm characteristic parameters sensitive to catchment-specific drainage system. Science of the Total Environment, 2019, 659, 1362-1369.	8.0	37
29	Refitted inclined plate for improving suspended solids removal in standard storm-water sumps. Water Science and Technology, 2018, 77, 2077-2083.	2.5	2
30	Enzyme treatment improves the performance of laboratory-scale vertical flow constructed wetland. Bioresource Technology, 2018, 268, 665-671.	9.6	22
31	A comparative analysis for the development and recovery processes of different types of clogging in lab-scale vertical flow constructed wetlands. Environmental Science and Pollution Research, 2018, 25, 24073-24083.	5.3	22
32	Clogging development and hydraulic performance of the horizontal subsurface flow stormwater constructed wetlands: a laboratory study. Environmental Science and Pollution Research, 2017, 24, 9210-9219.	5.3	27
33	Total and settling velocity-fractionated pollution potential of sewer sediments in Jiaxing, China. Environmental Science and Pollution Research, 2017, 24, 23133-23143.	5.3	3
34	Impacts of biological activities on erosion of sewer sediments. Water Management, 2016, 169, 43-52.	1.2	5
35	Underestimation of flood quantiles from parallel drainage areas. Urban Water Journal, 2016, 13, 441-453.	2.1	1
36	Comparison of UV/PDS and UV/H2O2 processes for the degradation of atenolol in water. Journal of Environmental Sciences, 2013, 25, 1519-1528.	6.1	41

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37	Effects of hydroxyapatite addition on heavy metal volatility during tannery sludge incineration. Environmental Science and Pollution Research, 2013, 20, 4405-4413.	5.3	23
38	Field performance of self-siphon sediment cleansing set for sediment removal in deep CSO chamber. Water Science and Technology, 2013, 67, 278-283.	2.5	1
39	Experimental study of the performance of a siphon sediment cleansing set in a CSO chamber. Water Science and Technology, 2013, 68, 184-191.	2.5	3