Hailong Yin

List of Publications by Year
in descending order

37 papers	784 citations	516710 16 h-index	526287 27 g-index
39 all docs	39 docs citations	39 times ranked	732 citing authors

#	Article	IF	Citations
1	Urban river pollution control in developing countries. Nature Sustainability, 2019, 2, 158-160.	23.7	128
2	Fate and transport of pharmaceuticals in water systems: A processes review. Science of the Total Environment, 2022, 823, 153635.	8.0	81
3	Characterizing heavy metals in combined sewer overflows and its influence on microbial diversity. Science of the Total Environment, 2018, 625, 1272-1282.	8.0	51
4	Runoff simulation of two typical urban green land types with the Stormwater Management Model (SWMM): sensitivity analysis and calibration of runoff parameters. Environmental Monitoring and Assessment, 2019, 191, 343.	2.7	44
5	Urban river pollution in the densely populated city of Dhaka, Bangladesh: Big picture and rehabilitation experience from other developing countries. Journal of Cleaner Production, 2021, 321, 129040.	9.3	40
6	Modelling Dissolved Oxygen Depression in an Urban River in China. Water (Switzerland), 2017, 9, 520.	2.7	38
7	Pin-pointing groundwater infiltration into urban sewers using chemical tracer in conjunction with physically based optimization model. Water Research, 2020, 175, 115689.	11.3	37
8	Effects of extracellular polymeric substances and microbial community on the anti-scouribility of sewer sediment. Science of the Total Environment, 2019, 687, 494-504.	8.0	34
9	Sustainable stabilization/solidification of the Pb, Zn, and Cd contaminated soil by red mud-derived binders. Environmental Pollution, 2021, 284, 117178.	7.5	33
10	Quantification of non-stormwater flow entries into storm drains using a water balance approach. Science of the Total Environment, 2014, 487, 381-388.	8.0	28
11	Identification of sewage markers to indicate sources of contamination: Low cost options for misconnected non-stormwater source tracking in stormwater systems. Science of the Total Environment, 2019, 648, 125-134.	8.0	28
12	Source apportionment of non-storm water entries into storm drains using marker species: Modeling approach and verification. Ecological Indicators, 2016, 61, 546-557.	6.3	22
13	Enhancing Real-Time Prediction of Effluent Water Quality of Wastewater Treatment Plant Based on Improved Feedforward Neural Network Coupled with Optimization Algorithm. Water (Switzerland), 2022, 14, 1053.	2.7	22
14	Cohesive strength changes of sewer sediments during and after ultrasonic treatment: The significance of bound extracellular polymeric substance and microbial community. Science of the Total Environment, 2020, 723, 138029.	8.0	19
15	Tryptophan-like fluorescence as a fingerprint of dry-weather misconnections into storm drainage system. Environmental Sciences Europe, 2020, 32, .	5.5	19
16	Modeling Climate Change Impacts on Water Balance of a Mediterranean Watershed Using SWAT+. Hydrology, 2021, 8, 157.	3.0	19
17	Characteristics of the overflow pollution of storm drains with inappropriate sewage entry. Environmental Science and Pollution Research, 2017, 24, 4902-4915.	5.3	18
18	Ultrasound-enhanced coagulation for Microcystis aeruginosa removal and disinfection by-product control during subsequent chlorination. Water Research, 2021, 201, 117334.	11.3	15

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19	Different erosion characteristics of sediment deposits in combined and storm sewers. Water Science and Technology, 2017, 75, 1922-1931.	2.5	13
20	Cost–effectiveness analysis on LID measures of a highly urbanized area. Desalination and Water Treatment, 0, , 1-7.	1.0	12
21	Influences of rainfall variables and antecedent discharge on urban effluent concentrations and loads in wet weather. Water Science and Technology, 2017, 75, 1584-1598.	2.5	10
22	Ultrasound-enhanced coagulation for cyanobacterial removal: Effects of ultrasound frequency and energy density on coagulation performance, leakage of intracellular organic matters and toxicity. Water Research, 2021, 201, 117348.	11.3	10
23	Shape optimization of egg-shaped sewer pipes based on the nondominated sorting genetic algorithm (NSGA-II). Environmental Research, 2022, 204, 111999.	7.5	10
24	Rainfall-induced nutrient losses from manure-fertilized farmland in an alluvial plain. Environmental Monitoring and Assessment, 2016, 188, 8.	2.7	9
25	Long-term effect of water diversion and CSOs on the remediation of heavy metals and microbial community in river sediments. Water Science and Technology, 2019, 79, 2395-2406.	2.5	9
26	Photodegradation-induced biological degradation of treated wastewater effluent organic matter in receiving waters. Water Research, 2021, 204, 117567.	11.3	9
27	Optimization of coagulation–flocculation process for combined sewer overflow wastewater treatment using response surface methodology. Desalination and Water Treatment, 2016, 57, 14824-14832.	1.0	5
28	Assessment of water quality and source apportionment in a typical urban river in China using multivariate statistical methods. Water Science and Technology: Water Supply, 2018, 18, 1841-1851.	2.1	5
29	Effect of passive ventilation on the performance of unplanted sludge treatment wetlands: heavy metal removal and microbial community variation. Environmental Science and Pollution Research, 2020, 27, 31665-31676.	5.3	4
30	Stoichiometric Determination of Nitrate Fate in Agricultural Ecosystems during Rainfall Events. PLoS ONE, 2015, 10, e0122484.	2.5	3
31	Limited nitrogen retention in an urban river receiving raw sewage and wastewater treatment plant effluent. Environmental Sciences: Processes and Impacts, 2019, 21, 1477-1488.	3.5	3
32	Study on the River Water Quality Improvement Featuring Deficient Upstream in Flow -- A Case Study of Nanfei River in Hefei City. , 2013, , .		2
33	Study on improved BP artificial neural networks in eutrophication assessment of China eastern lakes. Journal of Hydrodynamics, 2006, 18, 517-521.	3.2	1
34	Notice of Retraction: Optimization of coagulation-flocculation conditions for the treatment of combined sewer overflow wastewater. , 2010, , .		1
35	Modeling of pollutant removal by powdered activated carbon in a raw water aqueduct. Journal of Hydro-Environment Research, 2016, 11, 16-28.	2.2	1
36	Performance evaluation on the pollution control against wet weather overflow based on on-site coagulation/flocculation in terminal drainage pipes. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	6.0	1

#	Article	IF	Citations
37	Delineation of Urban Subcatchment by Inverse Modeling. , 2017, , .		0