

Yang Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36

papers

558

citations

16

h-index

22

g-index

37

ext. papers

674

ext. citations

5.9

avg, IF

4.26

L-index

#	Paper	IF	Citations
36	Coupling Bayesian-Monte Carlo simulations with substance flow analysis for efficient pollutant management: A case study of phosphorus flows in China. <i>Resources, Conservation and Recycling</i> , 2021 , 169, 105550	11.9	6
35	Assessment of regional greenhouse gas emissions from spring wheat cropping system: A case study of Saskatchewan in Canada. <i>Journal of Cleaner Production</i> , 2021 , 301, 126917	10.3	3
34	Trophic transfer potential of nTiO, nZnO, and triclosan in an algae-algae eating fish food chain. <i>Aquatic Toxicology</i> , 2021 , 235, 105824	5.1	7
33	Building resilient cities with stringent pollution controls: A case study of robust planning of Shenzhen City's urban agriculture system. <i>Journal of Cleaner Production</i> , 2021 , 311, 127452	10.3	3
32	Spatiotemporal analysis of land use pattern and stream water quality in southern Alberta, Canada. <i>Journal of Contaminant Hydrology</i> , 2021 , 242, 103852	3.9	4
31	Real-time prediction of river chloride concentration using ensemble learning. <i>Environmental Pollution</i> , 2021 , 291, 118116	9.3	1
30	Facing Water Stress in a Changing Climate: A Case Study of Drought Risk Analysis Under Future Climate Projections in the Xi River Basin, China. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	3
29	Risk assessment through multivariate analysis on the magnitude and occurrence date of daily storm events in the Shenzhen bay area. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 669-689	3.5	2
28	Assessment of regional greenhouse gas emission from beef cattle production: A case study of Saskatchewan in Canada. <i>Journal of Environmental Management</i> , 2020 , 264, 110443	7.9	20
27	A sharing economy market system for private EV parking with consideration of demand side management. <i>Energy</i> , 2020 , 190, 116321	7.9	11
26	Geochemical baseline establishment, environmental impact and health risk assessment of vanadium in lake sediments, China. <i>Science of the Total Environment</i> , 2019 , 660, 1338-1345	10.2	20
25	Robust Linear Programming and Its Application to Water and Environmental Decision-Making under Uncertainty. <i>Sustainability</i> , 2019 , 11, 33	3.6	19
24	Risk Aversion Based Inexact Stochastic Dynamic Programming Approach for Water Resources Management Planning under Uncertainty. <i>Sustainability</i> , 2019 , 11, 6926	3.6	4
23	Assessment of Cr pollution in tributary sediment cores in the Three Gorges Reservoir combining geochemical baseline and in situ DGT. <i>Science of the Total Environment</i> , 2018 , 628-629, 241-248	10.2	22
22	Insights into the Toxicity of Triclosan to Green Microalga <i>Chlorococcum</i> sp. Using Synchrotron-Based Fourier Transform Infrared Spectromicroscopy: Biophysiological Analyses and Roles of Environmental Factors. <i>Environmental Science & Technology</i> , 2018 , 52, 2295-2306	10.3	45
21	The effects of catalysts on the conversion of organic matter and bio-fuel production in the microwave pyrolysis of sludge at different temperatures. <i>Bioresource Technology</i> , 2017 , 238, 616-623	11	35
20	Predicting remobilization characteristics of cobalt in riparian soils in the Miyun Reservoir prior to water retention. <i>Ecological Indicators</i> , 2017 , 80, 196-203	5.8	15

19	A land-indicator-based optimization model with trading mechanism in wetland ecosystem under uncertainty. <i>Ecological Indicators</i> , 2017 , 74, 479-499	5.8	6
18	Evaluation of the dynamic mobilization of vanadium in tributary sediments of the Three Gorges Reservoir after water impoundment. <i>Journal of Hydrology</i> , 2017 , 551, 92-99	6	20
17	Pollution characteristics and source identification of trace metals in riparian soils of Miyun Reservoir, China. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 144, 321-329	7	28
16	Multilevel Factorial Fractional Programming for Sustainable Water Resources Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 04016063	2.8	13
15	A Factorial Dual-Interval Programming Approach for Planning Municipal Waste Management Systems. <i>Journal of Environmental Engineering, ASCE</i> , 2016 , 142, 04016033	2	10
14	Factorial fuzzy programming for planning water resources management systems. <i>Journal of Environmental Planning and Management</i> , 2016 , 59, 1855-1872	2.8	6
13	A fractional-factorial probabilistic-possibilistic optimization framework for planning water resources management systems with multi-level parametric interactions. <i>Journal of Environmental Management</i> , 2016 , 172, 97-106	7.9	17
12	Water resources management under dual uncertainties: a factorial fuzzy two-stage stochastic programming approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 795-811	3.5	21
11	Factorial Two-Stage Irrigation System Optimization Model. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016 , 142, 04015056	1.1	16
10	Comprehensive assessment of seldom monitored trace elements pollution in the riparian soils of the Miyun Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 20772-20782	5.1	8
9	A factorial dual-objective rural environmental management model. <i>Journal of Cleaner Production</i> , 2016 , 124, 204-216	10.3	27
8	Critical factors and their effects on product maturity in food waste composting. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 217	3.1	10
7	Inexact Probabilistic Optimization Model and Its Application to Flood Diversion Planning in a Dynamic and Uncertain Environment. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 04014093	2.8	6
6	Application of GIS in downscaling regional climate model results over the province of Ontario. <i>Environmental Systems Research</i> , 2014 , 3, 8	4.3	9
5	Thickness, porosity, and permeability prediction: comparative studies and application of the geostatistical modeling in an Oil field. <i>Environmental Systems Research</i> , 2014 , 3, 7	4.3	5
4	A robust risk analysis method for water resources allocation under uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 713-723	3.5	30
3	A robust approach for planning electric power systems associated with environmental policy analysis. <i>Electric Power Systems Research</i> , 2013 , 95, 99-111	3.5	32
2	Water resources management under multi-parameter interactions: A factorial multi-stage stochastic programming approach. <i>Omega</i> , 2013 , 41, 559-573	7.2	43

- 1 Factorial two-stage stochastic programming for water resources management. *Stochastic Environmental Research and Risk Assessment*, **2011**, 25, 67-78

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