

# Yang Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

769  
citations

430754

18  
h-index

526166

27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 &amp; Technology</i> , 2018, 52, 2295-2306.	4.6	58
2	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.	4.8	54
3	Water resources management under multi-parameter interactions: A factorial multi-stage stochastic programming approach. <i>Omega</i> , 2013, 41, 559-573.	3.6	47
4	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.	3.8	38
5	A robust approach for planning electric power systems associated with environmental policy analysis. <i>Electric Power Systems Research</i> , 2013, 95, 99-111.	2.1	35
6	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.	2.9	33
7	A robust risk analysis method for water resources allocation under uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 713-723.	1.9	32
8	Factorial two-stage stochastic programming for water resources management. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011, 25, 67-78.	1.9	31
9	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.	3.9	31
10	A factorial dual-objective rural environmental management model. <i>Journal of Cleaner Production</i> , 2016, 124, 204-216.	4.6	30
11	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.	3.9	27
12	Robust Linear Programming and Its Application to Water and Environmental Decision-Making under Uncertainty. <i>Sustainability</i> , 2019, 11, 33.	1.6	27
13	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.	2.3	26
14	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.	1.9	24
15	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.	5.3	22
16	Trophic transfer potential of nTiO <sub>2</sub> , nZnO, and triclosan in an algae-algae eating fish food chain. <i>Aquatic Toxicology</i> , 2021, 235, 105824.	1.9	22
17	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.	3.8	21
18	A sharing economy market system for private EV parking with consideration of demand side management. <i>Energy</i> , 2020, 190, 116321.	4.5	21

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19	Critical factors and their effects on product maturity in food waste composting. Environmental Monitoring and Assessment, 2015, 187, 217.	1.3	18
20	Factorial Two-Stage Irrigation System Optimization Model. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, .	0.6	17
21	Predicting remobilization characteristics of cobalt in riparian soils in the Miyun Reservoir prior to water retention. Ecological Indicators, 2017, 80, 196-203.	2.6	17
22	Multilevel Factorial Fractional Programming for Sustainable Water Resources Management. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	1.3	14
23	Application of GIS in downscaling regional climate model results over the province of Ontario. Environmental Systems Research, 2014, 3, 8.	1.5	13
24	Thickness, porosity, and permeability prediction: comparative studies and application of the geostatistical modeling in an Oil field. Environmental Systems Research, 2014, 3, 7.	1.5	12
25	Inexact Probabilistic Optimization Model and Its Application to Flood Diversion Planning in a Dynamic and Uncertain Environment. Journal of Water Resources Planning and Management - ASCE, 2015, 141, .	1.3	11
26	Spatiotemporal analysis of land use pattern and stream water quality in southern Alberta, Canada. Journal of Contaminant Hydrology, 2021, 242, 103852.	1.6	11
27	Comprehensive assessment of seldom monitored trace elements pollution in the riparian soils of the Miyun Reservoir, China. Environmental Science and Pollution Research, 2016, 23, 20772-20782.	2.7	10
28	A Factorial Dual-Interval Programming Approach for Planning Municipal Waste Management Systems. Journal of Environmental Engineering, ASCE, 2016, 142, 04016033.	0.7	10
29	Building resilient cities with stringent pollution controls: A case study of robust planning of Shenzhen City's urban agriculture system. Journal of Cleaner Production, 2021, 311, 127452.	4.6	10
30	A land-indicator-based optimization model with trading mechanism in wetland ecosystem under uncertainty. Ecological Indicators, 2017, 74, 479-499.	2.6	9
31	Real-time prediction of river chloride concentration using ensemble learning. Environmental Pollution, 2021, 291, 118116.	3.7	9
32	Factorial fuzzy programming for planning water resources management systems. Journal of Environmental Planning and Management, 2016, 59, 1855-1872.	2.4	8
33	Facing Water Stress in a Changing Climate: A Case Study of Drought Risk Analysis Under Future Climate Projections in the Xi River Basin, China. Frontiers in Earth Science, 2020, 8, .	0.8	6
34	Assessment of regional greenhouse gas emissions from spring wheat cropping system: A case study of Saskatchewan in Canada. Journal of Cleaner Production, 2021, 301, 126917.	4.6	6
35	Risk assessment through multivariate analysis on the magnitude and occurrence date of daily storm events in the Shenzhen bay area. Stochastic Environmental Research and Risk Assessment, 2020, 34, 669-689.	1.9	5
36	Risk Aversion Based Inexact Stochastic Dynamic Programming Approach for Water Resources Management Planning under Uncertainty. Sustainability, 2019, 11, 6926.	1.6	4

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37	Planning Energy and Environmental Systems Associated with Air Pollutants Mitigation under Uncertainty. , 2012, , .		0