

Guangcan Zhu

List of Publications by Year in descending order

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papers

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citations

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all docs

23
docs citations

23
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of booster chlorination for water distribution system under dual uncertainties. Urban Water Journal, 2022, 19, 363-373.	1.0	3
2	Fuzzy credibility-constrained quadratic optimization for booster chlorination of the water distribution system under uncertainty. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 608-627.	0.6	3
3	Evaluation of Water Resource Carrying Capacity Based on Fuzzy Matter-element Model. IOP Conference Series: Earth and Environmental Science, 2021, 706, 012003.	0.2	0
4	Inexact $\{\mathit{m}\}_{\uplambda}$ fuzzy chance-constrained programming of booster chlorination for water distribution system under uncertainty. Environmental Monitoring and Assessment, 2021, 193, 300.	1.3	6
5	Analysis of reliability and belief degree for water distribution system based on fuzzy set theory. Urban Water Journal, 2021, 18, 497-509.	1.0	3
6	Design and Implementation of a Semi-supervised Anomaly Log Detection Model DDA. , 2021, , .		4
7	Analysis of Water Distribution System under Uncertainty Based on Genetic Algorithm and Trapezoid Fuzzy Membership. Journal of Pipeline Systems Engineering and Practice, 2021, 12, .	0.9	1
8	Inexact left-hand side two-stage chance-constrained programming for booster optimization in water distribution system. Journal of Environmental Management, 2021, 298, 113372.	3.8	8
9	Evaluation of water quality reliability based on entropy in water distribution system. Physica A: Statistical Mechanics and Its Applications, 2021, 584, 126373.	1.2	8
10	Risk associated with increasing bromide in drinking water sources in Yancheng City, China. Environmental Monitoring and Assessment, 2020, 192, 36.	1.3	6
11	Probabilistic human health risk assessment of arsenic under uncertainty in drinking water sources in Jiangsu Province, China. Environmental Geochemistry and Health, 2020, 42, 2023-2037.	1.8	14
12	Eutrophication Assessment Based on the Cloud Matter Element Model. International Journal of Environmental Research and Public Health, 2020, 17, 334.	1.2	8
13	Assessment of River Water Quality Based on an Improved Fuzzy Matter-Element Model. International Journal of Environmental Research and Public Health, 2019, 16, 2793.	1.2	10
14	Water quality reliability based on information entropy technology in water distribution system. IOP Conference Series: Earth and Environmental Science, 2019, 227, 052016.	0.2	3
15	Hybrid model for water quality assessment in Bosten Lake of China. IOP Conference Series: Materials Science and Engineering, 2019, 490, 032003.	0.3	0
16	Prediction of Sewage Treatment Cost in Rural Regions with Multivariate Adaptive Regression Splines. Water (Switzerland), 2019, 11, 195.	1.2	10
17	Comprehensive Eutrophication Assessment Based on Fuzzy Matter Element Model and Monte Carlo-Triangular Fuzzy Numbers Approach. International Journal of Environmental Research and Public Health, 2019, 16, 1769.	1.2	12
18	Evaluation of Physicochemical Characteristics in Drinking Water Sources Emphasized on Fluoride: A Case Study of Yancheng, China. International Journal of Environmental Research and Public Health, 2019, 16, 1030.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Health risk assessment of trihalomethanes in water treatment plants in Jiangsu Province, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 346-354.	2.9	38
20	Analysis of water quality characteristic for water distribution systems. <i>Journal of Water Reuse and Desalination</i> , 2019, 9, 152-162.	1.2	3
21	Variation and relationship of THMs between tap water and finished water in Yancheng City, China. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 517.	1.3	5
22	Water environment carrying capacity in Bosten Lake basin. <i>Journal of Cleaner Production</i> , 2018, 199, 574-583.	4.6	79
23	Cost function for treating wastewater in rural regions. <i>Desalination and Water Treatment</i> , 2016, 57, 17241-17246.	1.0	9