

Guangcan Zhu

List of Publications by Year in descending order

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23
papers

244
citations

1162367

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996533

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all docs

23
docs citations

23
times ranked

243
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Water environment carrying capacity in Bosten Lake basin. Journal of Cleaner Production, 2018, 199, 574-583. | 4.6 | 79 |
| 2 | Health risk assessment of trihalomethanes in water treatment plants in Jiangsu Province, China. Ecotoxicology and Environmental Safety, 2019, 170, 346-354. | 2.9 | 38 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Prediction of Sewage Treatment Cost in Rural Regions with Multivariate Adaptive Regression Splines. Water (Switzerland), 2019, 11, 195. | 1.2 | 10 |
| 8 | Cost function for treating wastewater in rural regions. Desalination and Water Treatment, 2016, 57, 17241-17246. | 1.0 | 9 |
| 9 | Eutrophication Assessment Based on the Cloud Matter Element Model. International Journal of Environmental Research and Public Health, 2020, 17, 334. | 1.2 | 8 |
| 10 | 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 |
| 11 | 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 |
| 12 | Risk associated with increasing bromide in drinking water sources in Yancheng City, China. Environmental Monitoring and Assessment, 2020, 192, 36. | 1.3 | 6 |
| 13 | 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 |
| 14 | Variation and relationship of THMs between tap water and finished water in Yancheng City, China. Environmental Monitoring and Assessment, 2018, 190, 517. | 1.3 | 5 |
| 15 | Design and Implementation of a Semi-supervised Anomaly Log Detection Model DDA. , 2021, , . | | 4 |
| 16 | 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 |
| 17 | Analysis of water quality characteristic for water distribution systems. Journal of Water Reuse and Desalination, 2019, 9, 152-162. | 1.2 | 3 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimization of booster chlorination for water distribution system under dual uncertainties. Urban Water Journal, 2022, 19, 363-373. | 1.0 | 3 |
| 20 | 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 |
| 21 | 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 |
| 22 | Hybrid model for water quality assessment in Bosten Lake of China. IOP Conference Series: Materials Science and Engineering, 2019, 490, 032003. | 0.3 | 0 |
| 23 | 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 |