Zuo Qiting

List of Publications by Year
in descending order

43 papers	964 citations	471509 17 h-index	477307 29 g-index
45 all docs	45 docs citations	45 times ranked	618 citing authors

#	Article	IF	Citations
1	Effects of projected climate change on the glacier and runoff generation in the Naryn River Basin, Central Asia. Journal of Hydrology, 2015, 523, 240-251.	5.4	94
2	Evaluation and prediction of the level of high-quality development: A case study of the Yellow River Basin, China. Ecological Indicators, 2021, 129, 107994.	6.3	85
3	Impact of land use and urbanization on river water quality and ecology in a dam dominated basin. Journal of Hydrology, 2020, 584, 124655.	5.4	71
4	A novel chitosanâ€“vanadium-titanium-magnetite composite as a superior adsorbent for organic dyes in wastewater. Environment International, 2020, 142, 105798.	10.0	61
5	A new framework for assessing river ecosystem health with consideration of human service demand. Science of the Total Environment, 2018, 640-641, 442-453.	8.0	59
6	China pursues a strict water resources management system. Environmental Earth Sciences, 2014, 72, 2219-2222.	2.7	47
7	Evaluating the coordinated development of social economy, water, and ecology in a heavily disturbed basin based on the distributed hydrology model and the harmony theory. Journal of Hydrology, 2019, 574, 226-241.	5.4	47
8	Water ecological security assessment and spatial autocorrelation analysis of prefectural regions involved in the Yellow River Basin. Scientific Reports, 2022, 12, 5105.	3.3	39
9	A new assessment method of sustainable water resources utilization considering fairness-efficiency-security: A case study of 31 provinces and cities in China. Sustainable Cities and Society, 2022, 81, 103839.	10.4	39
10	Optimization of uncertain agricultural management considering the framework of water, energy and food. Agricultural Water Management, 2021, 253, 106907.	5.6	35
11	Quantitative Analysis of Human-Water Relationships and Harmony-Based Regulation in the Tarim River Basin. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	27
12	The potential of microplastics as adsorbents of sodium dodecyl benzene sulfonate and chromium in an aqueous environment. Environmental Research, 2021, 197, 111057.	7.5	26
13	Physically-based model for studying the salinization of Bosten Lake in China. Hydrological Sciences Journal, 2006, 51, 432-449.	2.6	21
14	The impact of socioeconomic system on the river system in a heavily disturbed basin. Science of the Total Environment, 2019, 660, 851-864.	8.0	21
15	Evolution analysis of water consumption and economic growth based on Decomposition-Decoupling Two-stage Method: A case study of Xinjiang Uygur Autonomous Region, China. Sustainable Cities and Society, 2021, 75, 103337.	10.4	20
16	The potential of green biochar generated from biogas residue as a heterogeneous persulfate activator and its non-radical degradation pathways: Adsorption and degradation of tetracycline. Environmental Research, 2022, 204, 112335.	7.5	20
17	Achieving the tradeoffs between pollutant discharge and economic benefit of the Henan section of the South-to-North Water Diversion Project through water resources-environment system management under uncertainty. Journal of Cleaner Production, 2021, 321, 128857.	9.3	18
18	A comprehensive exploration on distribution, risk assessment, and source quantification of heavy metals in the multi-media environment from Shaying River Basin, China. Ecotoxicology and Environmental Safety, 2022, 231, 113190.	6.0	18

#	Article	IF	Citations
19	Experimental analysis of the impact of sluice regulation on water quality in the highly polluted Huai River Basin, China. Environmental Monitoring and Assessment, 2015, 187, 450.	2.7	17
20	Comprehensive Evaluation of the Human-Water Harmony Relationship in Countries Along the â€œBelt and Roadâ€• Water Resources Management, 2020, 34, 4019-4035.	3.9	16
21	Harmonious Development between Socio-Economy and River-Lake Water Systems in Xiangyang City, China. Water (Switzerland), 2016, 8, 509.	2.7	15
22	Assessment of the Happy River Index as an Integrated Index of River Health and Human Well-Being: A Case Study of the Yellow River, China. Water (Switzerland), 2020, 12, 3064.	2.7	14
23	A Harmony-Based Approach for Assessing and Regulating Human-Water Relationships: A Case Study of Henan Province in China. Water (Switzerland), 2021, 13, 32.	2.7	14
24	Chinaâ€™s river basin management needs more efforts. Environmental Earth Sciences, 2015, 74, 7855-7859.	2.7	12
25	Occurrence and Ecological Risk Assessment of Heavy Metals from Wuliangsuhai Lake, Yellow River Basin, China. Water (Switzerland), 2022, 14, 1264.	2.7	12
26	Evaluation of Regional Water Resources Management Performance and Analysis of the Influencing Factors: A Case Study in China. Water (Switzerland), 2022, 14, 574.	2.7	11
27	Description and Application of a Mathematical Method for the Analysis of Harmony. Scientific World Journal, The, 2015, 2015, 1-9.	2.1	10
28	Spatiotemporal Evolution of Land-Use and Ecosystem Services Valuation in the Belt and Road Initiative. Sustainability, 2020, 12, 6583.	3.2	9
29	Spatial variations of extreme precipitation events and attribution analysis in the main water resource area of the Belt and Road Initiative. Theoretical and Applied Climatology, 2021, 144, 535-554.	2.8	9
30	Quantitative research on the water ecological environment of dam-controlled rivers: case study of the Shaying River, China. Hydrological Sciences Journal, 2019, 64, 2129-2140.	2.6	8
31	Forms of Nitrogen and Phosphorus in Suspended Solids: A Case Study of Lihu Lake, China. Sustainability, 2020, 12, 5026.	3.2	8
32	A quantified study method and its application to sustainable management of water resources in arid basins. Science in China Series D: Earth Sciences, 2007, 50, 9-15.	0.9	7
33	Disposal of chemical contaminants into groundwater: viewing hidden environmental pollution in China. Environmental Earth Sciences, 2013, 70, 1933-1935.	2.7	7
34	Effect of human activity intensity on stream structure and connectivity in Shaying River Basin, China. Water Science and Technology: Water Supply, 2018, 18, 754-766.	2.1	7
35	Toxicological Assessment of Ammonia Exposure on Carassius auratus red var. Living in Landscape Waters. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 814-821.	2.7	7
36	The effect of typical geological heterogeneities on the performance of managed aquifer recharge: physical experiments and numerical simulations. Hydrogeology Journal, 2021, 29, 2107-2125.	2.1	6

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37	Analysis and Regulation of the Harmonious Relationship among Water, Energy, and Food in Nine Provinces along the Yellow River. Water (Switzerland), 2022, 14, 1042.	2.7	5
38	International viewpoint and news. Environmental Earth Sciences, 2013, 69, 2801-2803.	2.7	4
39	Effects of filtration-induced size change on the subsequent transport and fate of graphene oxide in saturated porous media. Science of the Total Environment, 2021, 755, 142417.	8.0	4
40	Dynamic Measurement of Water Use Level Based on SBM-DEA Model and Its Matching Characteristics with Economic and Social Development: A Case Study of the Yellow River Basin, China. Water (Switzerland), 2022, 14, 399.	2.7	4
41	Evaluation of aquatic ecological health of sluice-controlled rivers in Huai River Basin (China) using evaluation index system. Environmental Science and Pollution Research, 2022, 29, 65128-65143.	5.3	4
42	The assessment of baseflow separation method and baseflow characteristics in the Yiluo River basin, China. Environmental Earth Sciences, 2022, 81, .	2.7	3
43	A low-cost green approach for synthesis of lead oxide from waste lead ash for use in new lead-acid batteries. Chinese Journal of Chemical Engineering, 2019, 27, 1674-1679.	3.5	2