

# Zuo Qiting

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Environmental Research</i> , 2022, 204, 112335.	7.5	20
2	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. <i>Water (Switzerland)</i> , 2022, 14, 399.	2.7	4
3	A comprehensive exploration on distribution, risk assessment, and source quantification of heavy metals in the multi-media environment from Shaying River Basin, China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113190.	6.0	18
4	Evaluation of Regional Water Resources Management Performance and Analysis of the Influencing Factors: A Case Study in China. <i>Water (Switzerland)</i> , 2022, 14, 574.	2.7	11
5	Water ecological security assessment and spatial autocorrelation analysis of prefectural regions involved in the Yellow River Basin. <i>Scientific Reports</i> , 2022, 12, 5105.	3.3	39
6	Analysis and Regulation of the Harmonious Relationship among Water, Energy, and Food in Nine Provinces along the Yellow River. <i>Water (Switzerland)</i> , 2022, 14, 1042.	2.7	5
7	A new assessment method of sustainable water resources utilization considering fairness-efficiency-security: A case study of 31 provinces and cities in China. <i>Sustainable Cities and Society</i> , 2022, 81, 103839.	10.4	39
8	Occurrence and Ecological Risk Assessment of Heavy Metals from Wuliangshuai Lake, Yellow River Basin, China. <i>Water (Switzerland)</i> , 2022, 14, 1264.	2.7	12
9	Evaluation of aquatic ecological health of sluice-controlled rivers in Huai River Basin (China) using evaluation index system. <i>Environmental Science and Pollution Research</i> , 2022, 29, 65128-65143.	5.3	4
10	The assessment of baseflow separation method and baseflow characteristics in the Yiluo River basin, China. <i>Environmental Earth Sciences</i> , 2022, 81, .	2.7	3
11	Effects of filtration-induced size change on the subsequent transport and fate of graphene oxide in saturated porous media. <i>Science of the Total Environment</i> , 2021, 755, 142417.	8.0	4
12	Spatial variations of extreme precipitation events and attribution analysis in the main water resource area of the Belt and Road Initiative. <i>Theoretical and Applied Climatology</i> , 2021, 144, 535-554.	2.8	9
13	The potential of microplastics as adsorbents of sodium dodecyl benzene sulfonate and chromium in an aqueous environment. <i>Environmental Research</i> , 2021, 197, 111057.	7.5	26
14	Optimization of uncertain agricultural management considering the framework of water, energy and food. <i>Agricultural Water Management</i> , 2021, 253, 106907.	5.6	35
15	The effect of typical geological heterogeneities on the performance of managed aquifer recharge: physical experiments and numerical simulations. <i>Hydrogeology Journal</i> , 2021, 29, 2107-2125.	2.1	6
16	Evaluation and prediction of the level of high-quality development: A case study of the Yellow River Basin, China. <i>Ecological Indicators</i> , 2021, 129, 107994.	6.3	85
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. <i>Journal of Cleaner Production</i> , 2021, 321, 128857.	9.3	18
18	Evolution analysis of water consumption and economic growth based on Decomposition-Decoupling Two-stage Method: A case study of Xinjiang Uygur Autonomous Region, China. <i>Sustainable Cities and Society</i> , 2021, 75, 103337.	10.4	20

#	ARTICLE	IF	CITATIONS
19	A Harmony-Based Approach for Assessing and Regulating Human-Water Relationships: A Case Study of Henan Province in China. <i>Water (Switzerland)</i> , 2021, 13, 32.	2.7	14
20	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. <i>Water (Switzerland)</i> , 2020, 12, 3064.	2.7	14
21	Spatiotemporal Evolution of Land-Use and Ecosystem Services Valuation in the Belt and Road Initiative. <i>Sustainability</i> , 2020, 12, 6583.	3.2	9
22	Comprehensive Evaluation of the Human-Water Harmony Relationship in Countries Along the "Belt and Road". <i>Water Resources Management</i> , 2020, 34, 4019-4035.	3.9	16
23	A novel chitosan-vanadium-titanium-magnetite composite as a superior adsorbent for organic dyes in wastewater. <i>Environment International</i> , 2020, 142, 105798.	10.0	61
24	Forms of Nitrogen and Phosphorus in Suspended Solids: A Case Study of Lihu Lake, China. <i>Sustainability</i> , 2020, 12, 5026.	3.2	8
25	Impact of land use and urbanization on river water quality and ecology in a dam dominated basin. <i>Journal of Hydrology</i> , 2020, 584, 124655.	5.4	71
26	Quantitative research on the water ecological environment of dam-controlled rivers: case study of the Shaying River, China. <i>Hydrological Sciences Journal</i> , 2019, 64, 2129-2140.	2.6	8
27	Toxicological Assessment of Ammonia Exposure on <i>Carassius auratus</i> red var. Living in Landscape Waters. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 814-821.	2.7	7
28	The impact of socioeconomic system on the river system in a heavily disturbed basin. <i>Science of the Total Environment</i> , 2019, 660, 851-864.	8.0	21
29	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. <i>Journal of Hydrology</i> , 2019, 574, 226-241.	5.4	47
30	A low-cost green approach for synthesis of lead oxide from waste lead ash for use in new lead-acid batteries. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1674-1679.	3.5	2
31	Effect of human activity intensity on stream structure and connectivity in Shaying River Basin, China. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 754-766.	2.1	7
32	A new framework for assessing river ecosystem health with consideration of human service demand. <i>Science of the Total Environment</i> , 2018, 640-641, 442-453.	8.0	59
33	Harmonious Development between Socio-Economy and River-Lake Water Systems in Xiangyang City, China. <i>Water (Switzerland)</i> , 2016, 8, 509.	2.7	15
34	Description and Application of a Mathematical Method for the Analysis of Harmony. <i>Scientific World Journal</i> , The, 2015, 2015, 1-9.	2.1	10
35	Effects of projected climate change on the glacier and runoff generation in the Naryn River Basin, Central Asia. <i>Journal of Hydrology</i> , 2015, 523, 240-251.	5.4	94
36	Experimental analysis of the impact of sluice regulation on water quality in the highly polluted Huai River Basin, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 450.	2.7	17

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37	China's river basin management needs more efforts. <i>Environmental Earth Sciences</i> , 2015, 74, 7855-7859.	2.7	12
38	Quantitative Analysis of Human-Water Relationships and Harmony-Based Regulation in the Tarim River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	1.9	27
39	China pursues a strict water resources management system. <i>Environmental Earth Sciences</i> , 2014, 72, 2219-2222.	2.7	47
40	Disposal of chemical contaminants into groundwater: viewing hidden environmental pollution in China. <i>Environmental Earth Sciences</i> , 2013, 70, 1933-1935.	2.7	7
41	International viewpoint and news. <i>Environmental Earth Sciences</i> , 2013, 69, 2801-2803.	2.7	4
42	A quantified study method and its application to sustainable management of water resources in arid basins. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 9-15.	0.9	7
43	Physically-based model for studying the salinization of Bosten Lake in China. <i>Hydrological Sciences Journal</i> , 2006, 51, 432-449.	2.6	21