

# Chunmiao Zheng

## List of Publications by Year in descending order

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373  
papers

14,705  
citations

16451

64  
h-index

33894

99  
g-index

392  
all docs

392  
docs citations

392  
times ranked

12783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution characteristics, mechanism of toxicity and health effects of the ultrafine particles in the indoor environment: Current status and future perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 436-473.	12.8	34
2	Pollution assessment and sources of dissolved heavy metals in coastal water of a highly urbanized coastal area: The role of groundwater discharge. <i>Science of the Total Environment</i> , 2022, 807, 151070.	8.0	42
3	Occurrence and distribution of antibiotics in groundwater, surface water, and sediment in Xiong'an New Area, China, and their relationship with antibiotic resistance genes. <i>Science of the Total Environment</i> , 2022, 807, 151011.	8.0	47
4	Toxic chemicals from uncontrolled e-waste recycling: Exposure, body burden, health impact. <i>Journal of Hazardous Materials</i> , 2022, 426, 127792.	12.4	37
5	Bowknot-like Zr/La bimetallic organic frameworks for enhanced arsenate and phosphate removal: Combined experimental and DFT studies. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 47-57.	9.4	20
6	Photocatalysis of aqueous PFOA by common catalysts of In <sub>2</sub> O <sub>3</sub> , Ga <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CeO <sub>2</sub> and CdS: influence factors and mechanistic insights. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2943-2953.	3.4	12
7	Evaluating Distributed Policies for Conjunctive Surface Water-Groundwater Management in Large River Basins: Water Uses Versus Hydrological Impacts. <i>Water Resources Research</i> , 2022, 58, .	4.2	18
8	Remediation of surface water contaminated by pathogenic microorganisms using calcium peroxide: Matrix effect, micro-mechanisms and morphological-physiological changes. <i>Water Research</i> , 2022, 211, 118074.	11.3	13
9	An improved numerical model for groundwater flow simulation with MPFA method on arbitrary polygon grids. <i>Journal of Hydrology</i> , 2022, 606, 127399.	5.4	4
10	One-step construction of hierarchical porous channels on electrospun MOF/polymer/graphene oxide composite nanofibers for effective arsenate removal from water. <i>Chemical Engineering Journal</i> , 2022, 435, 134830.	12.7	44
11	Global mapping reveals increase in lacustrine algal blooms over the past decade. <i>Nature Geoscience</i> , 2022, 15, 130-134.	12.9	158
12	Plans to protect China's depleted groundwater. <i>Science</i> , 2022, 375, 827-827.	12.6	16
13	The Role of Aquifers in Sustaining the Sponge City Concept in Chinese High-Density Housing. <i>Water (Switzerland)</i> , 2022, 14, 929.	2.7	3
14	Subglacial Meltwater Recharge in the Dongkemadi River Basin, Yangtze River Source Region. <i>Ground Water</i> , 2022, 60, 434-450.	1.3	3
15	Antibiotic Chlortetracycline Causes Transgenerational Immunosuppression via NF- $\kappa$ B. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4251-4261.	10.0	23
16	Translocation, bioaccumulation, and distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in plants. <i>IScience</i> , 2022, 25, 104061.	4.1	27
17	Divergent and Changing Importance of Glaciers and Snow as Natural Water Reservoirs in the Eastern and Southern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	11
18	Assessing progress towards sustainable development in Shenzhen 2005-2019. <i>Journal of Cleaner Production</i> , 2022, 349, 131496.	9.3	12

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19	Efficient, parallelized global optimization of groundwater pumping in a regional aquifer with land subsidence constraints. <i>Journal of Environmental Management</i> , 2022, 310, 114753.	7.8	7
20	Doubling of annual forest carbon loss over the tropics during the early twenty-first century. <i>Nature Sustainability</i> , 2022, 5, 444-451.	23.7	47
21	A Dual Heterogeneous Domain Model for Upscaling Anomalous Transport With Multi-Peaks in Heterogeneous Aquifers. <i>Water Resources Research</i> , 2022, 58, .	4.2	9
22	High-resolution mapping of wildfire drivers in California based on machine learning. <i>Science of the Total Environment</i> , 2022, 833, 155155.	8.0	10
23	Enrofloxacin Induces Intestinal Microbiota-Mediated Immunosuppression in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8428-8437.	10.0	18
24	Human daily dietary intakes of antibiotic residues: Dominant sources and health risks. <i>Environmental Research</i> , 2022, 212, 113387.	7.5	30
25	Perfluorooctane Sulfonamide (PFOSA) Induces Cardiotoxicity via Aryl Hydrocarbon Receptor Activation in Zebrafish. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8438-8448.	10.0	21
26	Continuous Loss of Global Lake Ice Across Two Centuries Revealed by Satellite Observations and Numerical Modeling. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
27	Crab bioturbation drives coupled iron-phosphate-sulfide cycling in mangrove and salt marsh soils. <i>Geoderma</i> , 2022, 424, 115990.	5.1	20
28	Water-Saving Potential of Different Agricultural Management Practices in an Arid River Basin. <i>Water (Switzerland)</i> , 2022, 14, 2072.	2.7	3
29	Emission sources and full spectrum of health impacts of black carbon associated polycyclic aromatic hydrocarbons (PAHs) in urban environment: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 857-896.	12.8	51
30	Enhanced Cr(VI) removal from water using a green synthesized nanocrystalline chlorapatite: Physicochemical interpretations and fixed-bed column mathematical model study. <i>Chemosphere</i> , 2021, 264, 128421.	8.2	45
31	An empirical specific storage-depth model for the Earth's crust. <i>Journal of Hydrology</i> , 2021, 592, 125784.	5.4	12
32	Engineering antifouling reverse osmosis membranes: A review. <i>Desalination</i> , 2021, 499, 114857.	8.2	192
33	How do social media and individual behaviors affect epidemic transmission and control?. <i>Science of the Total Environment</i> , 2021, 761, 144114.	8.0	29
34	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	12.9	73
35	The comparative toxicities of BPA, BPB, BPS, BPF, and BPAF on the reproductive neuroendocrine system of zebrafish embryos and its mechanisms. <i>Journal of Hazardous Materials</i> , 2021, 406, 124303.	12.4	67
36	Large CO <sub>2</sub> release and tidal flushing in salt marsh crab burrows reduce the potential for blue carbon sequestration. <i>Limnology and Oceanography</i> , 2021, 66, 14-29.	3.1	37

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37	Applying a Regional Transport Modeling Framework to Manage Nitrate Contamination of Groundwater. <i>Ground Water</i> , 2021, 59, 292-307.	1.3	10
38	Foraging trip duration of honeybee increases during a poor air quality episode and the increase persists thereafter. <i>Ecology and Evolution</i> , 2021, 11, 1492-1500.	1.9	10
39	Concerns about phytoplankton bloom trends in global lakes. <i>Nature</i> , 2021, 590, E35-E47.	27.8	36
40	Effects of extreme temperature on China's tea production. <i>Environmental Research Letters</i> , 2021, 16, 044040.	5.2	23
41	Satellite-Observed Decreases in Water Turbidity in the Pearl River Estuary: Potential Linkage With Sea-Level Rise. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016842.	2.6	12
42	Radium and nitrogen isotopes tracing fluxes and sources of submarine groundwater discharge driven nitrate in an urbanized coastal area. <i>Science of the Total Environment</i> , 2021, 763, 144616.	8.0	49
43	Open Science: Open Data, Open Models, and Open Publications?. <i>Water Resources Research</i> , 2021, 57, e2020WR029480.	4.2	7
44	Accounting for field-scale heterogeneity in the ecohydrological modeling of large arid river basins: Strategies and relevance. <i>Journal of Hydrology</i> , 2021, 595, 126045.	5.4	11
45	Role of Groundwater in Sustaining Northern Himalayan Rivers. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092354.	4.0	32
46	Irrigation alters source-composition characteristics of groundwater dissolved organic matter in a large arid river basin, Northwestern China. <i>Science of the Total Environment</i> , 2021, 767, 144372.	8.0	14
47	Hillslopes in Headwaters of Qinghai-Tibetan Plateau as Hotspots for Subsurface Dissolved Organic Carbon Processing During Permafrost Thaw. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006222.	3.0	8
48	U.S.-China Collaboration is Vital to Global Plans for a Healthy Environment and Sustainable Development. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9622-9626.	10.0	10
49	Simulating PFAS adsorption kinetics, adsorption isotherms, and nonideal transport in saturated soil with tempered one-sided stable density (TOSD) based models. <i>Journal of Hazardous Materials</i> , 2021, 411, 125169.	12.4	30
50	Environmental emission, fate and transformation of microplastics in biotic and abiotic compartments: Global status, recent advances and future perspectives. <i>Science of the Total Environment</i> , 2021, 791, 148422.	8.0	37
51	PFAS and their substitutes in groundwater: Occurrence, transformation and remediation. <i>Journal of Hazardous Materials</i> , 2021, 412, 125159.	12.4	137
52	Upward expansion and acceleration of forest clearance in the mountains of Southeast Asia. <i>Nature Sustainability</i> , 2021, 4, 892-899.	23.7	56
53	Novel hybrid coupling of ecohydrology and socioeconomy at river basin scale: A watershed system model for the Heihe River basin. <i>Environmental Modelling and Software</i> , 2021, 141, 105058.	4.5	36
54	Hydrogeological Criteria to Improve the Sponge City Strategy of China. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	8

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55	Contaminant transport in heterogeneous aquifers: A critical review of mechanisms and numerical methods of non-Fickian dispersion. <i>Science China Earth Sciences</i> , 2021, 64, 1224-1241.	5.2	19
56	Insights into the adsorption mechanism of tannic acid by a green synthesized nano-hydroxyapatite and its effect on aqueous Cu(II) removal. <i>Science of the Total Environment</i> , 2021, 778, 146189.	8.0	56
57	Co-transport of biogenic nano-hydroxyapatite and Pb(II) in saturated sand columns: Controlling factors and stochastic modeling. <i>Chemosphere</i> , 2021, 275, 130078.	8.2	5
58	Upscaling Heat Flow in Porous Media With Periodic Surface Temperature Fluctuation Using a One-dimensional Subordinated Heat Transfer Equation. <i>Water Resources Research</i> , 2021, 57, e2020WR027266.	4.2	3
59	The urgency to address the occupational health of chinese seafarers for sustainable development. <i>Marine Policy</i> , 2021, 129, 104518.	3.2	15
60	Health impacts of indoor air pollution from household solid fuel on children and women. <i>Journal of Hazardous Materials</i> , 2021, 416, 126127.	12.4	78
61	Exploring the impacts of the inequality of water permit allocation and farmers' behaviors on the performance of an agricultural water market. <i>Journal of Hydrology</i> , 2021, 599, 126303.	5.4	15
62	Analysis of hydraulic conductivity characteristics of alluvial sequence in North China Plain. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	3
63	Analysis of the groundwater flow system in a high-altitude headwater region under rapid climate warming: Lhasa River Basin, Tibetan Plateau. <i>Journal of Hydrology: Regional Studies</i> , 2021, 36, 100871.	2.4	6
64	Analysis of physicochemical factors regulating transport behaviors of sulfonamide antibiotics in saturated porous media. <i>Journal of Hydrology</i> , 2021, 599, 126381.	5.4	10
65	Polyaniline-based adsorbents for aqueous pollutants removal: A review. <i>Chemical Engineering Journal</i> , 2021, 418, 129425.	12.7	108
66	Submarine groundwater discharge and associated nutrient fluxes in the Greater Bay Area, China revealed by radium and stable isotopes. <i>Geoscience Frontiers</i> , 2021, 12, 101223.	8.4	21
67	High-resolution Mapping of Ice Cover Changes in Over 33,000 Lakes Across the North Temperate Zone. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095614.	4.0	9
68	Global environmental changes slow down the pace of globalization highlighted by a new composite indicator. <i>Journal of Cleaner Production</i> , 2021, 318, 128538.	9.3	3
69	Efficient simulation of groundwater solute transport using the multipoint flux approximation method with arbitrary polygon grids. <i>Journal of Hydrology</i> , 2021, 601, 126637.	5.4	3
70	Using machine learning to reveal spatiotemporal complexity and driving forces of water quality changes in Hong Kong marine water. <i>Journal of Hydrology</i> , 2021, 603, 126841.	5.4	10
71	Comparing the effects of humic acid and oxalic acid on Pb(II) immobilization by a green synthesized nanocrystalline hydroxyapatite. <i>Chemosphere</i> , 2021, 285, 131411.	8.2	21
72	Trace Analysis of Multiclass Antibiotics in Food Products by Liquid Chromatography-Tandem Mass Spectrometry: Method Development. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1656-1666.	5.2	35

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73	A preliminary investigation on the climate-discharge relationship in the upper region of the Yarlung Zangbo River basin. <i>Journal of Hydrology</i> , 2021, 603, 127066.	5.4	11
74	Charting the complexity of the activated sludge microbiome through a hybrid sequencing strategy. <i>Microbiome</i> , 2021, 9, 205.	11.1	29
75	A Simple and Efficient Method for Correction of Basin-Scale Evapotranspiration on the Tibetan Plateau. <i>Remote Sensing</i> , 2021, 13, 3958.	4.0	5
76	How does plastic film mulching affect crop water productivity in an arid river basin?. <i>Agricultural Water Management</i> , 2021, 258, 107218.	5.6	12
77	Submarine Groundwater and River Discharges Affect Carbon Cycle in a Highly Urbanized and River-Dominated Coastal Area. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
78	Hydrochemistry of the Lhasa River, Tibetan Plateau: Spatiotemporal Variations of Major Ions Compositions and Controlling Factors Using Multivariate Statistical Approaches. <i>Water (Switzerland)</i> , 2021, 13, 3660.	2.7	6
79	The Lasting Signatures of Past Landslides on Soil Stripping From Landscapes. <i>Water Resources Research</i> , 2021, 57, .	4.2	6
80	Impacts of the influx of e-waste into Hong Kong after China has tightened up entry regulations. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 105-134.	12.8	25
81	Assessing the interlinkage of green and blue water in an arid catchment in Northwest China. <i>Environmental Geochemistry and Health</i> , 2020, 42, 933-953.	3.4	15
82	Global trends in water and sediment fluxes of the world's large rivers. <i>Science Bulletin</i> , 2020, 65, 62-69.	9.0	156
83	Numerical Simulations of Seasonally Oscillated Groundwater Dynamics in Coastal Confined Aquifers. <i>Ground Water</i> , 2020, 58, 550-559.	1.3	7
84	Groundwater Complexity in Urban Catchments: Shenzhen, Southern China. <i>Ground Water</i> , 2020, 58, 470-481.	1.3	11
85	Antibiotic enhanced dopamine polymerization for engineering antifouling and antimicrobial membranes. <i>Chinese Chemical Letters</i> , 2020, 31, 851-854.	9.0	46
86	Optimization of management strategies for reducing nitrogen loading in China. <i>Science of the Total Environment</i> , 2020, 703, 134620.	8.0	1
87	Super-diffusion affected by hydrofacies mean length and source geometry in alluvial settings. <i>Journal of Hydrology</i> , 2020, 582, 124515.	5.4	21
88	Transcriptomic Responses of Bisphenol S Predict Involvement of Immune Function in the Cardiotoxicity of Early Life-Stage Zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , 2020, 54, 2869-2877.	10.0	46
89	Raman's deuterium isotope probing to study metabolic activities of single bacterial cells in human intestinal microbiota. <i>Microbial Biotechnology</i> , 2020, 13, 572-583.	4.2	48
90	A review of specific storage in aquifers. <i>Journal of Hydrology</i> , 2020, 581, 124383.	5.4	48

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91	Rainfall Intensity Temporal Patterns Affect Shallow Landslide Triggering and Hazard Evolution. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085994.	4.0	20
92	Quantifying fate and transport of nitrate in saturated soil systems using fractional derivative model. <i>Applied Mathematical Modelling</i> , 2020, 81, 279-295.	4.2	9
93	Spatial-temporal distribution of microplastics in surface water and sediments of Maozhou River within Guangdong-Hong Kong-Macao Greater Bay Area. <i>Science of the Total Environment</i> , 2020, 717, 135187.	8.0	145
94	Event-Driven Hyporheic Exchange during Single and Seasonal Rainfall in a Gaining Stream. <i>Water Resources Management</i> , 2020, 34, 4617-4631.	3.9	8
95	Mathematical modeling of organic liquid dissolution in heterogeneous source zones. <i>Journal of Contaminant Hydrology</i> , 2020, 235, 103716.	3.3	4
96	Nonlocal transport models for capturing solute transport in one-dimensional sand columns: Model review, applicability, limitations and improvement. <i>Hydrological Processes</i> , 2020, 34, 5104-5122.	2.6	20
97	Transcriptomic analysis of bisphenol AF on early growth and development of zebrafish ( <i>Danio rerio</i> ) larvae. <i>Environmental Science and Ecotechnology</i> , 2020, 4, 100054.	13.5	9
98	Experiment and multicomponent model based analysis on the effect of flow rate and nitrate concentration on denitrification in low-permeability media. <i>Journal of Contaminant Hydrology</i> , 2020, 235, 103727.	3.3	12
99	A distributed-order time fractional derivative model for simulating bimodal sub-diffusion in heterogeneous media. <i>Journal of Hydrology</i> , 2020, 591, 125504.	5.4	23
100	Exploring spatial heterogeneity and temporal dynamics of human-hydrological interactions in large river basins with intensive agriculture: A tightly coupled, fully integrated modeling approach. <i>Journal of Hydrology</i> , 2020, 591, 125313.	5.4	28
101	An empirical porosity-depth model for Earth's crust. <i>Hydrogeology Journal</i> , 2020, 28, 2331-2339.	2.1	18
102	COVID-19 waste management: Effective and successful measures in Wuhan, China. <i>Resources, Conservation and Recycling</i> , 2020, 163, 105071.	10.8	132
103	Anthropogenic transformation of Yangtze Plain freshwater lakes: patterns, drivers and impacts. <i>Remote Sensing of Environment</i> , 2020, 248, 111998.	11.0	63
104	Fractional-derivative models for non-Fickian transport in a single fracture and its extension. <i>Journal of Hydrology</i> , 2020, 590, 125396.	5.4	4
105	Hydrogeological insights and modelling for sustainable use of a stressed carbonate aquifer in the Mediterranean area: From passive withdrawals to active management. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100749.	2.4	7
106	Determination of Environmental Micro(Nano)Plastics by Matrix-Assisted Laser Desorption/Ionization-Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 14346-14356.	6.5	57
107	High-quality bacterial genomes of a partial-nitrification/anammox system by an iterative hybrid assembly method. <i>Microbiome</i> , 2020, 8, 155.	11.1	29
108	Addressing the water conflict between agriculture and ecosystems under environmental flow regulation: An integrated modeling study. <i>Environmental Modelling and Software</i> , 2020, 134, 104874.	4.5	15

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109	Maternal exposure to environmental antibiotic mixture during gravid period predicts gastrointestinal effects in zebrafish offspring. <i>Journal of Hazardous Materials</i> , 2020, 399, 123009.	12.4	32
110	Hydrogeology of the Pearl River Delta, southern China. <i>Journal of Maps</i> , 2020, 16, 388-395.	2.0	30
111	Distributions, quality assessments and fluxes of heavy metals carried by submarine groundwater discharge in different types of wetlands in Jiaozhou Bay, China. <i>Marine Pollution Bulletin</i> , 2020, 157, 111310.	5.0	12
112	<i>Groundwater Modeling and Beyond</i> : <i>MODFLOW</i> and <i>More</i> —2019 Special Issue. <i>Ground Water</i> , 2020, 58, 325-326.	1.3	2
113	Improvement of evaluation of water age and submarine groundwater discharge: A case study in Daya Bay, China. <i>Journal of Hydrology</i> , 2020, 586, 124775.	5.4	20
114	Evidence linking exposure of fish primary macrophages to antibiotics activates the NF- $\kappa$ B pathway. <i>Environment International</i> , 2020, 138, 105624.	10.0	42
115	Hydrogeological constraints and opportunities for "Sponge City" development: Shenzhen, southern China. <i>Journal of Hydrology: Regional Studies</i> , 2020, 28, 100679.	2.4	20
116	Deceleration of China's human water use and its key drivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7702-7711.	7.1	155
117	Sustainability of global Golden Inland Waterways. <i>Nature Communications</i> , 2020, 11, 1553.	12.8	22
118	Efficient detection and assessment of human exposure to trace antibiotic residues in drinking water. <i>Water Research</i> , 2020, 175, 115699.	11.3	112
119	Raman-activated sorting of antibiotic-resistant bacteria in human gut microbiota. <i>Environmental Microbiology</i> , 2020, 22, 2613-2624.	3.8	32
120	Alleviating water scarcity and poverty in drylands through telecouplings: Vegetable trade and tourism in northwest China. <i>Science of the Total Environment</i> , 2020, 741, 140387.	8.0	23
121	Evaluation of Different Roof Materials for the Mitigation of Urban Warming in a Subtropical Monsoon Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031972.	3.3	0
122	Investigation of submarine groundwater discharge and associated nutrient inputs into Laizhou Bay (China) using radium quartet. <i>Marine Pollution Bulletin</i> , 2020, 157, 111359.	5.0	20
123	Can groundwater be protected from the pressure of china's urban growth?. <i>Environment International</i> , 2020, 143, 105911.	10.0	14
124	Macromolecular humic acid modified nano-hydroxyapatite for simultaneous removal of Cu(II) and methylene blue from aqueous solution: Experimental design and adsorption study. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 849-860.	7.5	51
125	Heavy metal contamination in surface sediments: A comprehensive, large-scale evaluation for the Bohai Sea, China. <i>Environmental Pollution</i> , 2020, 260, 113986.	7.5	76
126	Carboxylated Nanodiamond-Enhanced Photocatalytic Membranes with Improved Antifouling and Self-Cleaning Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 3538-3549.	3.7	34



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127	Adaptive Multirate Mass Transfer (aMMT) Model: A New Approach to Upscale Regional-Scale Transport Under Transient Flow Conditions. <i>Water Resources Research</i> , 2020, 56, e2019WR026000.	4.2	20
128	Single and joint toxic effects of four antibiotics on some metabolic pathways of zebrafish ( <i>Danio rerio</i> ). <i>Overlook</i> , 2020, 10, 54.	8.0	54
129	Effect of low-level H <sub>2</sub> O <sub>2</sub> and Fe(II) on the UV treatment of tetracycline antibiotics and the toxicity of reaction solutions to zebrafish embryos. <i>Chemical Engineering Journal</i> , 2020, 394, 125021.	12.7	43
130	On the nanoparticle transport and release in layered heterogeneous porous media under transient chemical conditions. <i>Journal of Hydrology</i> , 2020, 586, 124889.	5.4	1
131	Effects of Groundwater Pumping on Ground Surface Temperature: A Regional Modeling Study in the North China Plain. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031764.	3.3	12
132	Climate change, environmental impact, and human health. <i>Environmental Geochemistry and Health</i> , 2020, 42, 715-717.	3.4	7
133	Dynamics of seasonally frozen ground in the Yarlung Zangbo River Basin on the Qinghai-Tibet Plateau: historical trend and future projection. <i>Environmental Research Letters</i> , 2020, 15, 104081.	5.2	11
134	Emergence of significant soil moisture depletion in the near future. <i>Environmental Research Letters</i> , 2020, 15, 124048.	5.2	9
135	Population ageing determines changes in heat vulnerability to future warming. <i>Environmental Research Letters</i> , 2020, 15, 114043.	5.2	14
136	Application of fractional differential equation to interpret the dynamics of dissolved heavy-metal uptake in streams at a wide range of scales. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	6
137	Effects of agricultural activities on the temporal variations of streamflow: trends and long memory. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 1553-1564.	4.0	7
138	The Impacts of Water Demand and Its Implications for Future Surface Water Resource Management: The Case of Tanzania's Wami Ruvu Basin (WRB). <i>Water (Switzerland)</i> , 2019, 11, 1280.	2.7	15
139	Sulfadiazine biodegradation by <i>Phanerochaete chrysosporium</i> : Mechanism and degradation product identification. <i>Chemosphere</i> , 2019, 237, 124418.	8.2	27
140	An improved method for the calculation of unsaturated-saturated water flow by coupling the FEM and FDM. <i>Scientific Reports</i> , 2019, 9, 14995.	3.3	16
141	Simulating multi-dimensional anomalous diffusion in nonstationary media using variable-order vector fractional-derivative models with Kansa solver. <i>Advances in Water Resources</i> , 2019, 133, 103423.	3.8	7
142	Evaluation of Water and Energy Nexus in Wami Ruvu River Basin, Tanzania. <i>Sustainability</i> , 2019, 11, 3109.	3.2	1
143	Analysis of groundwater resources in densely populated urban watersheds with a complex tectonic setting: Shenzhen, southern China. <i>Hydrogeology Journal</i> , 2019, 27, 183-194.	2.1	16
144	Analytical Solution of Tidal Loading Effect in a Submarine Leaky Confined Aquifer System. <i>Geofluids</i> , 2019, 2019, 1-15.	0.7	0

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145	MIL-53(Fe) incorporated in the lamellar BiOBr: Promoting the visible-light catalytic capability on the degradation of rhodamine B and carbamazepine. <i>Chemical Engineering Journal</i> , 2019, 374, 975-982.	12.7	130
146	Solute Transport With Linear Reactions in Porous Media With Layered Structure: A Semianalytical Model. <i>Water Resources Research</i> , 2019, 55, 5102-5118.	4.2	23
147	Persulfate activation by natural zeolite supported nanoscale zero-valent iron for trichloroethylene degradation in groundwater. <i>Science of the Total Environment</i> , 2019, 684, 351-359.	8.0	63
148	The Waterâ€“Energy Nexus of Megacities Extends Beyond Geographic Boundaries: A Case of Beijing. <i>Environmental Engineering Science</i> , 2019, 36, 778-788.	1.6	18
149	Statistical Analysis of Extreme Events in Precipitation, Stream Discharge, and Groundwater Head Fluctuation: Distribution, Memory, and Correlation. <i>Water (Switzerland)</i> , 2019, 11, 707.	2.7	10
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