Jichun Wu

List of Publications by Year in descending order

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225	5,476	81743	123241
papers	citations	39 h-index	61 g-index

226	226	226	4910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Convolutional Encoderâ€Decoder Networks for Uncertainty Quantification of Dynamic Multiphase Flow in Heterogeneous Media. Water Resources Research, 2019, 55, 703-728.	1.7	201
2	Transport, retention, and size perturbation of graphene oxide in saturated porous media: Effects of input concentration and grain size. Water Research, 2015, 68, 24-33.	5.3	176
3	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. Environmental Science & Technology, 2018, 52, 7220-7229.	4.6	171
4	Deep Autoregressive Neural Networks for Highâ€Dimensional Inverse Problems in Groundwater Contaminant Source Identification. Water Resources Research, 2019, 55, 3856-3881.	1.7	157
5	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. Environmental Science & Technology, 2018, 52, 11007-11016.	4.6	149
6	Transport of polystyrene nanoplastics in natural soils: Effect of soil properties, ionic strength and cation type. Science of the Total Environment, 2020, 707, 136065.	3.9	148
7	Removal of levofloxacin from aqueous solution using rice-husk and wood-chip biochars. Chemosphere, 2016, 150, 694-701.	4.2	119
8	A cloud model-based approach for water quality assessment. Environmental Research, 2016, 148, 24-35.	3.7	97
9	Permeability Estimation Based on the Geometry of Pore Space via Random Walk on Grids. Geofluids, 2019, 2019, 1-10.	0.3	97
10	Regional land subsidence simulation in Su-Xi-Chang area and Shanghai City, China. Engineering Geology, 2008, 100, 27-42.	2.9	88
11	Progression and mitigation of land subsidence in China. Hydrogeology Journal, 2016, 24, 685-693.	0.9	88
12	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids. Water Research, 2016, 104, 34-43.	5.3	78
13	Investigating the impacts of cascade hydropower development on the natural flow regime in the Yangtze River, China. Science of the Total Environment, 2018, 624, 1187-1194.	3.9	76
14	The effects of artificial recharge of groundwater on controlling land subsidence and its influence on groundwater quality and aquifer energy storage in Shanghai, China. Environmental Earth Sciences, 2016, 75, 1.	1.3	74
15	Graphene oxide as filter media to remove levofloxacin and lead from aqueous solution. Chemosphere, 2016, 150, 759-764.	4.2	74
16	Sustainable development and utilization of groundwater resources considering land subsidence in Suzhou, China. Engineering Geology, 2012, 124, 77-89.	2.9	69
17	Adaptive surrogate model based multiobjective optimization for coastal aquifer management. Journal of Hydrology, 2018, 561, 98-111.	2.3	67
18	Integration of Adversarial Autoencoders With Residual Dense Convolutional Networks for Estimation of Nonâ€Gaussian Hydraulic Conductivities. Water Resources Research, 2020, 56, e2019WR026082.	1.7	67

#	Article	IF	Citations
19	Review of the uncertainty analysis of groundwater numerical simulation. Science Bulletin, 2013, 58, 3044-3052.	1.7	63
20	A multidimension cloud model-based approach for water quality assessment. Environmental Research, 2016, 149, 113-121.	3.7	63
21	Characterization of regional land subsidence in Yangtze Delta, China: the example of Su-Xi-Chang area and the city of Shanghai. Hydrogeology Journal, 2008, 16, 593-607.	0.9	60
22	A framework to assess the cumulative impacts of dams on hydrological regime: A case study of the Yangtze River. Hydrological Processes, 2017, 31, 3045-3055.	1.1	60
23	Land subsidence and uplift due to long-term groundwater extraction and artificial recharge in Shanghai, China. Hydrogeology Journal, 2015, 23, 1851-1866.	0.9	59
24	Retention and transport of graphene oxide in water-saturated limestone media. Chemosphere, 2017, 180, 506-512.	4.2	58
25	Water temperature forecasting based on modified artificial neural network methods: Two cases of the Yangtze River. Science of the Total Environment, 2020, 737, 139729.	3.9	57
26	Assessment of parametric uncertainty for groundwater reactive transport modeling. Water Resources Research, 2014, 50, 4416-4439.	1.7	55
27	Effects of grain size and structural heterogeneity on the transport and retention of nano-TiO2 in saturated porous media. Science of the Total Environment, 2016, 563-564, 987-995.	3.9	53
28	Graphene oxide-facilitated transport of levofloxacin and ciprofloxacin in saturated and unsaturated porous media. Journal of Hazardous Materials, 2018, 348, 92-99.	6.5	52
29	Three-dimensional numerical modeling of land subsidence in Shanghai, China. Hydrogeology Journal, 2016, 24, 695-709.	0.9	50
30	Retention and Release of Graphene Oxide in Structured Heterogeneous Porous Media under Saturated and Unsaturated Conditions. Environmental Science & Technology, 2016, 50, 10397-10405.	4.6	49
31	Removal of tetrachloroethylene from homogeneous and heterogeneous porous media: Combined effects of surfactant solubilization and oxidant degradation. Chemical Engineering Journal, 2016, 283, 595-603.	6.6	48
32	Physicochemical factors controlling the retention and transport of perfluorooctanoic acid (PFOA) in saturated sand and limestone porous media. Water Research, 2018, 141, 251-258.	5.3	46
33	The development and control of the land subsidence in the Yangtze Delta, China. Environmental Geology, 2008, 55, 1725-1735.	1.2	45
34	Effects of Humic Acid and Solution Chemistry on the Retention and Transport of Cerium Dioxide Nanoparticles in Saturated Porous Media. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	45
35	Transport and retention of perfluorooctanoic acid (PFOA) in natural soils: Importance of soil organic matter and mineral contents, and solution ionic strength. Journal of Contaminant Hydrology, 2019, 225, 103477.	1.6	45
36	Effects of ionic strength and cation type on the transport of perï¬‚uorooctanoic acid (PFOA) in unsaturated sand porous media. Journal of Hazardous Materials, 2021, 403, 123688.	6.5	44

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37	Sea-Water Intrusion in the Coastal Area of Laizhou Bay, China: 1. Distribution of Sea-Water Intrusion and Its Hydrochemical Characteristics. Ground Water, 1993, 31, 532-537.	0.7	40
38	A Taylor Expansionâ€Based Adaptive Design Strategy for Global Surrogate Modeling With Applications in Groundwater Modeling. Water Resources Research, 2017, 53, 10802-10823.	1.7	40
39	A Proofâ€ofâ€Concept Study of Using a Less Permeable Slice Along the Shoreline to Increase Fresh Groundwater Storage of Oceanic Islands: Analytical and Experimental Validation. Water Resources Research, 2019, 55, 6450-6463.	1.7	40
40	A Three-Dimensional Miscible Transport Model For Seawater Intrusion in China. Water Resources Research, 1995, 31, 903-912.	1.7	39
41	Bayesian convolutional neural networks for predicting the terrestrial water storage anomalies during GRACE and GRACE-FO gap. Journal of Hydrology, 2022, 604, 127244.	2.3	39
42	Influence of flow velocity and spatial heterogeneity on DNAPL migration in porous media: insights from laboratory experiments and numerical modelling. Hydrogeology Journal, 2015, 23, 1703-1718.	0.9	38
43	Variable Fuzzy Set Theory to Assess Water Quality of the Meiliang Bay in Taihu Lake Basin. Water Resources Management, 2014, 28, 867-880.	1.9	37
44	Assessing the pollution risk of a groundwater source field at western Laizhou Bay under seawater intrusion. Environmental Research, 2016, 148, 586-594.	3.7	37
45	Effects of the conduit network on the spring hydrograph of the karst aquifer. Journal of Hydrology, 2015, 527, 517-530.	2.3	35
46	Replenishing an unconfined coastal aquifer to control seawater intrusion: Injection or infiltration?. Water Resources Research, 2017, 53, 4775-4786.	1.7	34
47	Importance of Al/Fe oxyhydroxide coating and ionic strength in perfluorooctanoic acid (PFOA) transport in saturated porous media. Water Research, 2020, 175, 115685.	5.3	34
48	Response of cucumber (Cucumis sativus) to perfluorooctanoic acid in photosynthesis and metabolomics. Science of the Total Environment, 2020, 724, 138257.	3.9	33
49	A risk assessment method based on RBF artificial neural network - cloud model for urban water hazard. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2409-2416.	0.8	32
50	Identification of the dominant hydrological process and appropriate model structure of a karst catchment through stepwise simplification of a complex conceptual model. Journal of Hydrology, 2017, 548, 75-87.	2.3	32
51	A hybrid wavelet de-noising and Rank-Set Pair Analysis approach for forecasting hydro-meteorological time series. Environmental Research, 2018, 160, 269-281.	3.7	32
52	Microbial Communities Associated with Sustained Anaerobic Reductive Dechlorination of Î±-, Î²-, Î³-, and Î´-Hexachlorocyclohexane Isomers to Monochlorobenzene and Benzene. Environmental Science & Technology, 2020, 54, 255-265.	4.6	32
53	Sensitivity analysis of the probability distribution of groundwater level series based on information entropy. Stochastic Environmental Research and Risk Assessment, 2012, 26, 345-356.	1.9	31
54	Modelling spring discharge and solute transport in conduits by coupling CFPv2 to an epikarst reservoir for a karst aquifer. Journal of Hydrology, 2019, 569, 587-599.	2.3	31

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55	A niched Pareto tabu search for multi-objective optimal design of groundwater remediation systems. Journal of Hydrology, 2013, 490, 56-73.	2.3	30
56	Mechanisms for earth fissure formation due to groundwater extraction in the Su-Xi-Chang area, China. Bulletin of Engineering Geology and the Environment, 2016, 75, 745-760.	1.6	30
57	Quantitative assessment of electrical resistivity tomography for monitoring DNAPLs migration â€“ Comparison with high-resolution light transmission visualization in laboratory sandbox. Journal of Hydrology, 2017, 544, 254-266.	2.3	30
58	A kriging and entropy-based approach to raingauge network design. Environmental Research, 2018, 161, 61-75.	3.7	30
59	An Improved Tandem Neural Network Architecture for Inverse Modeling of Multicomponent Reactive Transport in Porous Media. Water Resources Research, 2021, 57, .	1.7	30
60	Evaluating two sparse grid surrogates and two adaptation criteria for groundwater Bayesian uncertainty quantification. Journal of Hydrology, 2016, 535, 120-134.	2.3	29
61	Improved Nested Sampling and Surrogateâ€Enabled Comparison With Other Marginal Likelihood Estimators. Water Resources Research, 2018, 54, 797-826.	1.7	29
62	Assessment of the impact of sea-level rise on steady-state seawater intrusion in a layered coastal aquifer. Journal of Hydrology, 2018, 563, 851-862.	2.3	29
63	Porous nano-cerium oxide wood chip biochar composites for aqueous levofloxacin removal and sorption mechanism insights. Environmental Science and Pollution Research, 2018, 25, 25629-25637.	2.7	28
64	Identifying key factors of the seawater intrusion model of Dagu river basin, Jiaozhou Bay. Environmental Research, 2018, 165, 425-430.	3.7	28
65	Assessing Bayesian model averaging uncertainty of groundwater modeling based on information entropy method. Journal of Hydrology, 2016, 538, 689-704.	2.3	27
66	Coupled hydrogeophysical inversion to identify non-Gaussian hydraulic conductivity field by jointly assimilating geochemical and time-lapse geophysical data. Journal of Hydrology, 2019, 578, 124092.	2.3	27
67	Hydrogeophysical Characterization of Nonstationary DNAPL Source Zones by Integrating a Convolutional Variational Autoencoder and Ensemble Smoother. Water Resources Research, 2021, 57, e2020WR028538.	1.7	27
68	Variation of lake-river-aquifer interactions induced by human activity and climatic condition in Poyang Lake Basin, China. Journal of Hydrology, 2021, 595, 126058.	2.3	27
69	Mechanical modeling of aquifer sands under long-term groundwater withdrawal. Engineering Geology, 2012, 125, 74-80.	2.9	26
70	Modeling the hydrological behavior of a karst spring using a nonlinear reservoir-pipe model. Hydrogeology Journal, 2015, 23, 901-914.	0.9	26
71	A new method for wind speed forecasting based on copula theory. Environmental Research, 2018, 160, 365-371.	3.7	26
72	Coupled hydrogeophysical inversion of DNAPL source zone architecture and permeability field in a 3D heterogeneous sandbox by assimilation time-lapse cross-borehole electrical resistivity data via ensemble Kalman filtering. Journal of Hydrology, 2018, 567, 149-164.	2.3	26

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73	Sea-Water Intrusion in the Coastal Area of Laizhou Bay, China: 2. Sea-Water Intrusion Monitoring. Ground Water, 1993, 31, 740-745.	0.7	25
74	A modified global model for predicting the tritium distribution in precipitation, 1960â€“2005. Hydrological Processes, 2011, 25, 2379-2392.	1.1	25
75	Quantifying the change in streamflow complexity in the Yangtze River. Environmental Research, 2020, 180, 108833.	3.7	25
76	Transport of sulfacetamide and levofloxacin in granular porous media under various conditions: Experimental observations and model simulations. Science of the Total Environment, 2016, 573, 1630-1637.	3.9	24
77	Importance of surface roughness on perï¬‚uorooctanoic acid (PFOA) transport in unsaturated porous media. Environmental Pollution, 2020, 266, 115343.	3.7	24
78	A conjunctive management framework for the optimal design of pumping and injection strategies to mitigate seawater intrusion. Journal of Environmental Management, 2021, 282, 111964.	3.8	24
79	Numerical modeling of seawater intrusion in Zhoushuizi district of Dalian City in northern China. Environmental Earth Sciences, 2016, 75, 1.	1.3	23
80	Natural Attenuation and Anaerobic Benzene Detoxification Processes at a Chlorobenzene-Contaminated Industrial Site Inferred from Field Investigations and Microcosm Studies. Environmental Science & Technology, 2018, 52, 22-31.	4.6	23
81	A Dehalogenimonas Population Respires 1,2,4-Trichlorobenzene and Dichlorobenzenes. Environmental Science & Technology, 2018, 52, 13391-13398.	4.6	23
82	Surrogate assisted multi-objective robust optimization for groundwater monitoring network design. Journal of Hydrology, 2019, 577, 123994.	2.3	23
83	The development and control of the seawater intrusion in the eastern coastal of Laizhou Bay, China. Environmental Geology, 2008, 54, 1763-1770.	1.2	21
84	Optimal design of groundwater remediation systems using a multi-objective fast harmony search algorithm. Hydrogeology Journal, 2012, 20, 1497-1510.	0.9	21
85	Biodegradation of Pyrene by Free and Immobilized Cells of Herbaspirillum chlorophenolicum Strain FA1. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	21
86	Effects of surface active agents on DNAPL migration and distribution in saturated porous media. Science of the Total Environment, 2016, 571, 1147-1154.	3.9	21
87	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. Chemosphere, 2017, 168, 390-398.	4.2	20
88	An adaptive Kriging surrogate method for efficient uncertainty quantification with an application to geological carbon sequestration modeling. Computers and Geosciences, 2019, 125, 69-77.	2.0	20
89	Groundwater parameter estimation using the ensemble Kalman filter with localization. Hydrogeology Journal, 2011, 19, 547-561.	0.9	19
90	Sample entropyâ€based adaptive wavelet deâ€noising approach for meteorologic and hydrologic time series. Journal of Geophysical Research D: Atmospheres, 2014, 119, 8726-8740.	1.2	19

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91	Distribution and Enrichment Factors of High-Arsenic Groundwater in Inland Arid Area of P. R. China: A Case Study of the Shihezi Area, Xinjiang. Exposure and Health, 2018, 10, 1-13.	2.8	18
92	Visualization of graphene oxide transport in two-dimensional homogeneous and heterogeneous porous media. Journal of Hazardous Materials, 2019, 369, 334-341.	6.5	18
93	Improved Characterization of DNAPL Source Zones via Sequential Hydrogeophysical Inversion of Hydraulicâ€Head, Selfâ€Potential and Partitioning Tracer Data. Water Resources Research, 2020, 56, e2020WR027627.	1.7	18
94	Evaluation of the performance of multiple-well hydraulic barriers on enhancing groundwater extraction in a coastal aquifer. Advances in Water Resources, 2020, 144, 103704.	1.7	18
95	A novel treatment processes of struvite with pretreated magnesite as a source of low-cost magnesium. Environmental Science and Pollution Research, 2017, 24, 22204-22213.	2.7	17
96	Effect of groundwater quality on sustainability of groundwater resource: A case study in the North China Plain. Journal of Contaminant Hydrology, 2015, 179, 132-147.	1.6	16
97	Delineation of contaminant plume for an inorganic contaminated site using electrical resistivity tomography: comparison with direct-push technique. Environmental Monitoring and Assessment, 2018, 190, 187.	1.3	16
98	Retention and Transport of Bisphenol A and Bisphenol S in Saturated Limestone Porous Media. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	16
99	Global sensitivity analysis on a numerical model of seawater intrusion and its implications for coastal aquifer management: a case study in Dagu River Basin, Jiaozhou Bay, China. Hydrogeology Journal, 2020, 28, 2543-2557.	0.9	16
100	Integrating deep learning-based data assimilation and hydrogeophysical data for improved monitoring of DNAPL source zones during remediation. Journal of Hydrology, 2021, 601, 126655.	2.3	16
101	A hybrid wavelet analysisâ€“cloud model dataâ€extending approach for meteorologic and hydrologic time series. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4057-4071.	1.2	15
102	Laboratory investigation and simulation of breakthrough curves in karst conduits with pools. Hydrogeology Journal, 2017, 25, 2235-2250.	0.9	15
103	Complex conductivity of oil-contaminated clayey soils. Journal of Hydrology, 2018, 561, 930-942.	2.3	15
104	Impacts of groundwater depth on regional scale soil gleyization under changing climate in the Poyang Lake Basin, China. Journal of Hydrology, 2019, 568, 501-516.	2.3	15
105	Identifying More Realistic Model Structures by Electrical Conductivity Observations of the Karst Spring. Water Resources Research, 2021, 57, e2020WR028587.	1.7	15
106	Entropy of hydrological systems under small samples: Uncertainty and variability. Journal of Hydrology, 2016, 532, 163-176.	2.3	14
107	A three-dimensional model for quantification of the representative elementary volume of tortuosity in granular porous media. Journal of Hydrology, 2018, 557, 128-136.	2.3	14
108	Usefulness of Soil Moisture and Actual Evapotranspiration Data for Constraining Potential Groundwater Recharge in Semiarid Regions. Water Resources Research, 2018, 54, 4929-4945.	1.7	14

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109	Effects of Temperature, Solution pH, and Ball-Milling Modification on the Adsorption of Non-steroidal Anti-inflammatory Drugs onto Biochar. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 422-427.	1.3	14
110	Assessing human health risk of groundwater DNAPL contamination by quantifying the model structure uncertainty. Journal of Hydrology, 2020, 584, 124690.	2.3	14
111	A time-varying drought identification and frequency analyzation method: A case study of Jinsha River Basin. Journal of Hydrology, 2021, 603, 126864.	2.3	14
112	A modified inverse procedure for calibrating parameters in a land subsidence model and its field application in Shanghai, China. Hydrogeology Journal, 2016, 24, 711-725.	0.9	13
113	Quantifying representative elementary volume of connectivity for translucent granular materials by light transmission micro-tomography. Journal of Hydrology, 2017, 545, 12-27.	2.3	13
114	A Variable Fuzzy Set Assessment Model for Water Shortage Risk: Two Case Studies from China. Human and Ecological Risk Assessment (HERA), 2011, 17, 631-645.	1.7	12
115	Non-Carcinogenic Baseline Risk Assessment of Heavy Metals in the Taihu Lake Basin, China. Human and Ecological Risk Assessment (HERA), 2011, 17, 212-218.	1.7	12
116	Estimation of representative elementary volume for DNAPL saturation and DNAPL-water interfacial areas in 2D heterogeneous porous media. Journal of Hydrology, 2017, 549, 12-26.	2.3	12
117	A probabilistic modeling framework for assessing the impacts of large reservoirs on river thermal regimes â€“ A case of the Yangtze River. Environmental Research, 2020, 183, 109221.	3.7	12
118	Characterization of the regional groundwater quality evolution in the North Plain of Jiangsu Province, China. Environmental Earth Sciences, 2015, 74, 5587-5604.	1.3	11
119	Uncertainty Evaluation of a Groundwater Conceptual Model by Using a Multimodel Averaging Method. Human and Ecological Risk Assessment (HERA), 2015, 21, 1246-1258.	1.7	11
120	An Efficient Simulationâ€“Optimization Approach for Controlling Seawater Intrusion. Journal of Coastal Research, 2018, 84, 10-18.	0.1	11
121	Integrating MT-DREAMzs and nested sampling algorithms to estimate marginal likelihood and comparison with several other methods. Journal of Hydrology, 2018, 563, 750-765.	2.3	11
122	Quantitative assessment of the impact of an inter-basin surface-water transfer project on the groundwater flow and groundwater-dependent eco-environment in an oasis in arid northwestern China. Hydrogeology Journal, 2018, 26, 1475-1485.	0.9	11
123	Transport of a PAH-degrading bacterium in saturated limestone media under various physicochemical conditions: Common and unexpected retention and remobilization behaviors. Journal of Hazardous Materials, 2019, 380, 120858.	6.5	11
124	Effect of root exudates on the stability and transport of graphene oxide in saturated porous media. Journal of Hazardous Materials, 2021, 413, 125362.	6.5	11
125	Reliability Analysis of the Groundwater Conceptual Model. Human and Ecological Risk Assessment (HERA), 2013, 19, 515-525.	1.7	10
126	Importance of Organic Matter to the Retention and Transport of Bisphenol A and Bisphenol S in Saturated Soils. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	10

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127	Effects of flow rate variation on solute transport in a karst conduit with a pool. Environmental Earth Sciences, 2019, 78, 1.	1.3	10
128	Threeâ€Dimensional Numerical Investigation of Pore Water Pressure and Deformation of Pumped Aquifer Systems. Ground Water, 2020, 58, 278-290.	0.7	10
129	Effects of anionic hydrocarbon surfactant on the transport of perfluorooctanoic acid (PFOA) in natural soils. Environmental Science and Pollution Research, 2022, 29, 24672-24681.	2.7	10
130	A cubic-spline technique to calculate nodal Darcian velocities in aquifers. Water Resources Research, 1994, 30, 975-981.	1.7	9
131	Development and application of a master-slave parallel hybrid multi-objective evolutionary algorithm for groundwater remediation design. Environmental Earth Sciences, 2013, 70, 2481-2494.	1.3	9
132	Experimental and numerical modeling of chemical osmosis in the clay samples of the aquitard in the North China Plain. Environmental Earth Sciences, 2016, 75, 1.	1.3	9
133	Precise simulation of long-term DNAPL migration in heterogeneous porous media based on light transmission micro-tomography. Journal of Environmental Chemical Engineering, 2017, 5, 725-734.	3.3	9
134	Simulation of DNAPL migration in heterogeneous translucent porous media based on estimation of representative elementary volume. Journal of Hydrology, 2017, 553, 276-288.	2.3	9
135	Comprehensive evaluation of shallow groundwater quality in Central and Southern Jiangsu Province, China. Environmental Earth Sciences, 2017, 76, 1.	1.3	9
136	Retention and Transport of PAH-Degrading Bacterium Herbaspirillum chlorophenolicum FA1 in Saturated Porous Media Under Various Physicochemical Conditions. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	9
137	Surfactantâ€Enhanced Electroosmotic Flushing in a Trichlorobenzene Contaminated Clayey Soil. Ground Water, 2018, 56, 673-679.	0.7	9
138	Evaluating the interactions between surface water and groundwater in the arid mid-eastern Yanqi Basin, northwestern China. Hydrological Sciences Journal, 2018, 63, 1313-1331.	1.2	9
139	Cotransport of Herbaspirillum chlorophenolicum FA1 and heavy metals in saturated porous media: Effect of ion type and concentration. Environmental Pollution, 2019, 254, 112940.	3.7	9
140	Evaluation of information transfer and data transfer models of rain-gauge network design based on information entropy. Environmental Research, 2019, 178, 108686.	3.7	9
141	Application of spectral induced polarization for characterizing surfactant-enhanced DNAPL remediation in laboratory column experiments. Journal of Contaminant Hydrology, 2020, 230, 103603.	1.6	9
142	Continuous time random walk in homogeneous porous media. Journal of Contaminant Hydrology, 2013, 155, 82-86.	1.6	8
143	Efficient triple-grid multiscale finite element method for 3D groundwater flow simulation in heterogeneous porous media. Journal of Hydrology, 2017, 546, 503-514.	2.3	8
144	Effect of cation type in mixed Ca-Na systems on transport of sulfonamide antibiotics in saturated limestone porous media. Environmental Science and Pollution Research, 2019, 26, 11170-11178.	2.7	8

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145	Multivariate Hazard Assessment for Nonstationary Seasonal Flood Extremes Considering Climate Change. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032780.	1.2	8
146	Effects of diffuse groundwater discharge, internal metabolism and carbonate buffering on headwater stream CO2 evasion. Science of the Total Environment, 2021, 777, 146230.	3.9	8
147	Quantifying the impact of mineralogical heterogeneity on reactive transport modeling of CO2â€‰+â€‰O2 in-situ leaching of uranium. Acta Geochimica, 2022, 41, 50-63.	0.7	8
148	Multi-objective optimization of the coastal groundwater abstraction for striking the balance among conflicts of resource-environment-economy in Longkou City, China. Water Research, 2022, 211, 118045.	5.3	8
149	Deep learning based optimization under uncertainty for surfactant-enhanced DNAPL remediation in highly heterogeneous aquifers. Journal of Hydrology, 2022, 608, 127639.	2.3	8
150	Can the Pruned-Enriched Method be Used forÂtheÂSimulation of Fluids?. Journal of Statistical Physics, 2009, 136, 984-988.	0.5	7
151	Modified Multiscale Finite-Element Method for Solving Groundwater Flow Problem in Heterogeneous Porous Media. Journal of Hydrologic Engineering - ASCE, 2014, 19, 04014004.	0.8	7
152	Compaction of aquifer units under complex patterns of changing groundwater level. Environmental Earth Sciences, 2015, 73, 1537-1544.	1.3	7
153	Joint inversion of physical and geochemical parameters in groundwater models by sequential ensemble-based optimal design. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1919-1937.	1.9	7
154	Pumping-induced stress and strain in aquifer systems in Wuxi, China. Hydrogeology Journal, 2018, 26, 771-787.	0.9	7
155	Groundwater contaminant source identification via Bayesian model selection and uncertainty quantification. Hydrogeology Journal, 2019, 27, 2907-2918.	0.9	7
156	Experimental Study on the Vertical Deformation of Soils due to Groundwater Withdrawal. International Journal of Geomechanics, 2020, 20, .	1.3	7
157	Multi-objective optimization-based reactive nitrogen transport modeling for the water-environment-agriculture nexus in a basin-scale coastal aquifer. Water Research, 2022, 212, 118111.	5.3	7
158	Field application at a DNAPL-contaminated site in Nanjing and discussion of a source search algorithm based on stochastic modeling and Kalman filter. Environmental Earth Sciences, 2017, 76, 1.	1.3	6
159	Fully coupled three-dimensional nonlinear numerical simulation of pumping-induced land movement. Environmental Earth Sciences, 2017, 76, 1.	1.3	6
160	The change of representative elementary volume of DNAPL influenced by surface active agents during long-term remediation period in heterogeneous porous media. Science of the Total Environment, 2018, 625, 1175-1190.	3.9	6
161	Anomalous Solute Transport in Cemented Porous Media: Poreâ€scale Simulations. Soil Science Society of America Journal, 2018, 82, 10-19.	1.2	6
162	Bayesian evaluation of meteorological datasets for modeling snowmelt runoff in Tizinafu watershed in Western China. Theoretical and Applied Climatology, 2019, 138, 1991-2006.	1.3	6

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163	New finite volume multiscale finite element model for simultaneously solving groundwater flow and darcian velocity fields in porous media. Journal of Hydrology, 2019, 573, 592-606.	2.3	6
164	Elevated CO2 levels alleviated toxicity of ZnO nanoparticles to rice and soil bacteria. Science of the Total Environment, 2022, 804, 149822.	3.9	6
165	Improved comprehensive ecological risk assessment method and sensitivity analysis of polycyclic aromatic hydrocarbons (PAHs). Environmental Research, 2020, 187, 109500.	3.7	6
166	Characterization of the non-Gaussian hydraulic conductivity field via deep learning-based inversion of hydraulic-head and self-potential data. Journal of Hydrology, 2022, 610, 127830.	2.3	6
167	Effects of polyamide microplastic on the transport of graphene oxide in porous media. Science of the Total Environment, 2022, 843, 157042.	3.9	6
168	Identifying the characteristics and potential risk of seawater intrusion for southern China by the SBM-DEA model. Science of the Total Environment, 2022, 844, 157205.	3.9	6
169	Diffusion in Relatively Homogeneous Sand Columns: A Scale-Dependent or Scale-Independent Process?. Entropy, 2013, 15, 4376-4391.	1.1	5
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