

Jichun Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218
papers

3,457
citations

32
h-index

47
g-index

226
ext. papers

4,450
ext. citations

5.4
avg, IF

5.88
L-index

#	Paper	IF	Citations
218	Transport, retention, and size perturbation of graphene oxide in saturated porous media: effects of input concentration and grain size. <i>Water Research</i> , 2015 , 68, 24-33	12.5	144
217	Deep Convolutional Encoder-Decoder Networks for Uncertainty Quantification of Dynamic Multiphase Flow in Heterogeneous Media. <i>Water Resources Research</i> , 2019 , 55, 703-728	5.4	99
216	Permeability Estimation Based on the Geometry of Pore Space via Random Walk on Grids. <i>Geofluids</i> , 2019 , 2019, 1-10	1.5	95
215	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. <i>Environmental Science & Technology</i> , 2018 , 52, 7220-7229	10.3	92
214	Deep Autoregressive Neural Networks for High-Dimensional Inverse Problems in Groundwater Contaminant Source Identification. <i>Water Resources Research</i> , 2019 , 55, 3856-3881	5.4	79
213	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. <i>Environmental Science & Technology</i> , 2018 , 52, 11007-11016	10.3	79
212	Removal of levofloxacin from aqueous solution using rice-husk and wood-chip biochars. <i>Chemosphere</i> , 2016 , 150, 694-701	8.4	75
211	Regional land subsidence simulation in Su-Xi-Chang area and Shanghai City, China. <i>Engineering Geology</i> , 2008 , 100, 27-42	6	73
210	A cloud model-based approach for water quality assessment. <i>Environmental Research</i> , 2016 , 148, 24-35	7.9	70
209	Graphene oxide as filter media to remove levofloxacin and lead from aqueous solution. <i>Chemosphere</i> , 2016 , 150, 759-764	8.4	62
208	Transport of polystyrene nanoplastics in natural soils: Effect of soil properties, ionic strength and cation type. <i>Science of the Total Environment</i> , 2020 , 707, 136065	10.2	60
207	Sustainable development and utilization of groundwater resources considering land subsidence in Suzhou, China. <i>Engineering Geology</i> , 2012 , 124, 77-89	6	56
206	Progression and mitigation of land subsidence in China. <i>Hydrogeology Journal</i> , 2016 , 24, 685-693	3.1	54
205	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids. <i>Water Research</i> , 2016 , 104, 34-43	12.5	53
204	Characterization of regional land subsidence in Yangtze Delta, China: the example of Su-Xi-Chang area and the city of Shanghai. <i>Hydrogeology Journal</i> , 2008 , 16, 593-607	3.1	52
203	The effects of artificial recharge of groundwater on controlling land subsidence and its influence on groundwater quality and aquifer energy storage in Shanghai, China. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	48
202	Assessment of parametric uncertainty for groundwater reactive transport modeling. <i>Water Resources Research</i> , 2014 , 50, 4416-4439	5.4	47

201	Retention and transport of graphene oxide in water-saturated limestone media. <i>Chemosphere</i> , 2017 , 180, 506-512	8.4	45
200	Review of the uncertainty analysis of groundwater numerical simulation. <i>Science Bulletin</i> , 2013 , 58, 3044-3052		45
199	Adaptive surrogate model based multiobjective optimization for coastal aquifer management. <i>Journal of Hydrology</i> , 2018 , 561, 98-111	6	44
198	A multidimension cloud model-based approach for water quality assessment. <i>Environmental Research</i> , 2016 , 149, 113-121	7.9	43
197	Effects of grain size and structural heterogeneity on the transport and retention of nano-TiO ₂ in saturated porous media. <i>Science of the Total Environment</i> , 2016 , 563-564, 987-95	10.2	43
196	Investigating the impacts of cascade hydropower development on the natural flow regime in the Yangtze River, China. <i>Science of the Total Environment</i> , 2018 , 624, 1187-1194	10.2	42
195	Land subsidence and uplift due to long-term groundwater extraction and artificial recharge in Shanghai, China. <i>Hydrogeology Journal</i> , 2015 , 23, 1851-1866	3.1	39
194	A framework to assess the cumulative impacts of dams on hydrological regime: A case study of the Yangtze River. <i>Hydrological Processes</i> , 2017 , 31, 3045-3055	3.3	38
193	Integration of Adversarial Autoencoders With Residual Dense Convolutional Networks for Estimation of Non-Gaussian Hydraulic Conductivities. <i>Water Resources Research</i> , 2020 , 56, e2019WR026082	5.4	38
192	The development and control of the land subsidence in the Yangtze Delta, China. <i>Environmental Geology</i> , 2008 , 55, 1725-1735		35
191	A Three-Dimensional Miscible Transport Model For Seawater Intrusion in China. <i>Water Resources Research</i> , 1995 , 31, 903-912	5.4	35
190	Sea-Water Intrusion in the Coastal Area of Laizhou Bay, China: 1. Distribution of Sea-Water Intrusion and Its Hydrochemical Characteristics. <i>Ground Water</i> , 1993 , 31, 532-537	2.4	35
189	Graphene oxide-facilitated transport of levofloxacin and ciprofloxacin in saturated and unsaturated porous media. <i>Journal of Hazardous Materials</i> , 2018 , 348, 92-99	12.8	34
188	Effects of Humic Acid and Solution Chemistry on the Retention and Transport of Cerium Dioxide Nanoparticles in Saturated Porous Media. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	33
187	Retention and Release of Graphene Oxide in Structured Heterogeneous Porous Media under Saturated and Unsaturated Conditions. <i>Environmental Science & Technology</i> , 2016 , 50, 10397-10405	10.3	32
186	Removal of tetrachloroethylene from homogeneous and heterogeneous porous media: Combined effects of surfactant solubilization and oxidant degradation. <i>Chemical Engineering Journal</i> , 2016 , 283, 595-603	14.7	32
185	Three-dimensional numerical modeling of land subsidence in Shanghai, China. <i>Hydrogeology Journal</i> , 2016 , 24, 695-709	3.1	31
184	Assessing the pollution risk of a groundwater source field at western Laizhou Bay under seawater intrusion. <i>Environmental Research</i> , 2016 , 148, 586-594	7.9	28

183	Evaluating two sparse grid surrogates and two adaptation criteria for groundwater Bayesian uncertainty quantification. <i>Journal of Hydrology</i> , 2016 , 535, 120-134	6	28
182	Water temperature forecasting based on modified artificial neural network methods: Two cases of the Yangtze River. <i>Science of the Total Environment</i> , 2020 , 737, 139729	10.2	27
181	Transport and retention of perfluorooctanoic acid (PFOA) in natural soils: Importance of soil organic matter and mineral contents, and solution ionic strength. <i>Journal of Contaminant Hydrology</i> , 2019 , 225, 103477	3.9	26
180	Influence of flow velocity and spatial heterogeneity on DNAPL migration in porous media: insights from laboratory experiments and numerical modelling. <i>Hydrogeology Journal</i> , 2015 , 23, 1703-1718	3.1	26
179	Variable Fuzzy Set Theory to Assess Water Quality of the Meiliang Bay in Taihu Lake Basin. <i>Water Resources Management</i> , 2014 , 28, 867-880	3.7	26
178	Improved Nested Sampling and Surrogate-Enabled Comparison With Other Marginal Likelihood Estimators. <i>Water Resources Research</i> , 2018 , 54, 797-826	5.4	25
177	Mechanical modeling of aquifer sands under long-term groundwater withdrawal. <i>Engineering Geology</i> , 2012 , 125, 74-80	6	25
176	Modeling the hydrological behavior of a karst spring using a nonlinear reservoir-pipe model. <i>Hydrogeology Journal</i> , 2015 , 23, 901-914	3.1	24
175	A hybrid wavelet de-noising and Rank-Set Pair Analysis approach for forecasting hydro-meteorological time series. <i>Environmental Research</i> , 2018 , 160, 269-281	7.9	24
174	Sensitivity analysis of the probability distribution of groundwater level series based on information entropy. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 345-356	3.5	24
173	Effects of the conduit network on the spring hydrograph of the karst aquifer. <i>Journal of Hydrology</i> , 2015 , 527, 517-530	6	24
172	Physicochemical factors controlling the retention and transport of perfluorooctanoic acid (PFOA) in saturated sand and limestone porous media. <i>Water Research</i> , 2018 , 141, 251-258	12.5	24
171	Identification of the dominant hydrological process and appropriate model structure of a karst catchment through stepwise simplification of a complex conceptual model. <i>Journal of Hydrology</i> , 2017 , 548, 75-87	6	23
170	Replenishing an unconfined coastal aquifer to control seawater intrusion: Injection or infiltration?. <i>Water Resources Research</i> , 2017 , 53, 4775-4786	5.4	23
169	A Taylor Expansion-Based Adaptive Design Strategy for Global Surrogate Modeling With Applications in Groundwater Modeling. <i>Water Resources Research</i> , 2017 , 53, 10802-10823	5.4	23
168	Mechanisms for earth fissure formation due to groundwater extraction in the Su-Xi-Chang area, China. <i>Bulletin of Engineering Geology and the Environment</i> , 2016 , 75, 745-760	4	22
167	A niched Pareto tabu search for multi-objective optimal design of groundwater remediation systems. <i>Journal of Hydrology</i> , 2013 , 490, 56-73	6	22
166	A risk assessment method based on RBF artificial neural network - cloud model for urban water hazard. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 2409-2416	1.6	22

165	A modified global model for predicting the tritium distribution in precipitation, 1960-2005. <i>Hydrological Processes</i> , 2011 , 25, 2379-2392	3.3	22
164	Sea-Water Intrusion in the Coastal Area of Laizhou Bay, China: 2. Sea-Water Intrusion Monitoring. <i>Ground Water</i> , 1993 , 31, 740-745	2.4	22
163	Effects of ionic strength and cation type on the transport of perfluorooctanoic acid (PFOA) in unsaturated sand porous media. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123688	12.8	22
162	A Proof-of-Concept Study of Using a Less Permeable Slice Along the Shoreline to Increase Fresh Groundwater Storage of Oceanic Islands: Analytical and Experimental Validation. <i>Water Resources Research</i> , 2019 , 55, 6450-6463	5.4	21
161	Quantitative assessment of electrical resistivity tomography for monitoring DNAPLs migration □ Comparison with high-resolution light transmission visualization in laboratory sandbox. <i>Journal of Hydrology</i> , 2017 , 544, 254-266	6	20
160	A kriging and entropy-based approach to raingauge network design. <i>Environmental Research</i> , 2018 , 161, 61-75	7.9	20
159	Identifying key factors of the seawater intrusion model of Dagu river basin, Jiaozhou Bay. <i>Environmental Research</i> , 2018 , 165, 425-430	7.9	20
158	Porous nano-cerium oxide wood chip biochar composites for aqueous levofloxacin removal and sorption mechanism insights. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 25629-25637	5.1	19
157	Assessing Bayesian model averaging uncertainty of groundwater modeling based on information entropy method. <i>Journal of Hydrology</i> , 2016 , 538, 689-704	6	19
156	Assessment of the impact of sea-level rise on steady-state seawater intrusion in a layered coastal aquifer. <i>Journal of Hydrology</i> , 2018 , 563, 851-862	6	19
155	Optimal design of groundwater remediation systems using a multi-objective fast harmony search algorithm. <i>Hydrogeology Journal</i> , 2012 , 20, 1497-1510	3.1	19
154	Sample entropy-based adaptive wavelet de-noising approach for meteorologic and hydrologic time series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 8726-8740	4.4	18
153	Groundwater parameter estimation using the ensemble Kalman filter with localization. <i>Hydrogeology Journal</i> , 2011 , 19, 547-561	3.1	18
152	Numerical modeling of seawater intrusion in Zhoushuizi district of Dalian City in northern China. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	18
151	A new method for wind speed forecasting based on copula theory. <i>Environmental Research</i> , 2018 , 160, 365-371	7.9	18
150	The development and control of the seawater intrusion in the eastern coastal of Laizhou Bay, China. <i>Environmental Geology</i> , 2008 , 54, 1763-1770		17
149	Biodegradation of Pyrene by Free and Immobilized Cells of <i>Herbaspirillum chlorophenolicum</i> Strain FA1. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	17
148	Transport of sulfacetamide and levofloxacin in granular porous media under various conditions: Experimental observations and model simulations. <i>Science of the Total Environment</i> , 2016 , 573, 1630-1637	10.2	17

147	Modelling spring discharge and solute transport in conduits by coupling CFPv2 to an epikarst reservoir for a karst aquifer. <i>Journal of Hydrology</i> , 2019 , 569, 587-599	6	17
146	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. <i>Journal of Hydrology</i> , 2018 , 567, 149-164	6	17
145	Coupled hydrogeophysical inversion to identify non-Gaussian hydraulic conductivity field by jointly assimilating geochemical and time-lapse geophysical data. <i>Journal of Hydrology</i> , 2019 , 578, 124092	6	16
144	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. <i>Chemosphere</i> , 2017 , 168, 390-398	8.4	14
143	Effects of surface active agents on DNAPL migration and distribution in saturated porous media. <i>Science of the Total Environment</i> , 2016 , 571, 1147-54	10.2	14
142	A novel treatment processes of struvite with pretreated magnesite as a source of low-cost magnesium. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22204-22213	5.1	14
141	A hybrid wavelet analysis-cloud model data-extending approach for meteorologic and hydrologic time series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 4057-4071	4.4	14
140	Microbial Communities Associated with Sustained Anaerobic Reductive Dechlorination of 1,1,1-trichloro-2,2,2-trifluoroethane and 1,1,1,2,2,2-hexachlorocyclohexane Isomers to Monochlorobenzene and Benzene. <i>Environmental Science & Technology</i> , 2020 , 54, 255-265	10.3	14
139	Effect of groundwater quality on sustainability of groundwater resource: A case study in the North China Plain. <i>Journal of Contaminant Hydrology</i> , 2015 , 179, 132-47	3.9	12
138	Distribution and Enrichment Factors of High-Arsenic Groundwater in Inland Arid Area of P. R. China: A Case Study of the Shihezi Area, Xinjiang. <i>Exposure and Health</i> , 2018 , 10, 1-13	8.8	12
137	A modified inverse procedure for calibrating parameters in a land subsidence model and its field application in Shanghai, China. <i>Hydrogeology Journal</i> , 2016 , 24, 711-725	3.1	12
136	Entropy of hydrological systems under small samples: Uncertainty and variability. <i>Journal of Hydrology</i> , 2016 , 532, 163-176	6	12
135	Usefulness of Soil Moisture and Actual Evapotranspiration Data for Constraining Potential Groundwater Recharge in Semiarid Regions. <i>Water Resources Research</i> , 2018 , 54, 4929-4945	5.4	12
134	Surrogate assisted multi-objective robust optimization for groundwater monitoring network design. <i>Journal of Hydrology</i> , 2019 , 577, 123994	6	12
133	Estimation of representative elementary volume for DNAPL saturation and DNAPL-water interfacial areas in 2D heterogeneous porous media. <i>Journal of Hydrology</i> , 2017 , 549, 12-26	6	11
132	Uncertainty Evaluation of a Groundwater Conceptual Model by Using a Multimodel Averaging Method. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015 , 21, 1246-1258	4.9	11
131	Retention and Transport of Bisphenol A and Bisphenol S in Saturated Limestone Porous Media. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	11
130	Non-Carcinogenic Baseline Risk Assessment of Heavy Metals in the Taihu Lake Basin, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011 , 17, 212-218	4.9	11

129	Quantifying the change in streamflow complexity in the Yangtze River. <i>Environmental Research</i> , 2020 , 180, 108833	7.9	11
128	Improved Characterization of DNAPL Source Zones via Sequential Hydrogeophysical Inversion of Hydraulic-Head, Self-Potential and Partitioning Tracer Data. <i>Water Resources Research</i> , 2020 , 56, e2020WR027627	5.4	11
127	A conjunctive management framework for the optimal design of pumping and injection strategies to mitigate seawater intrusion. <i>Journal of Environmental Management</i> , 2021 , 282, 111964	7.9	11
126	Natural Attenuation and Anaerobic Benzene Detoxification Processes at a Chlorobenzene-Contaminated Industrial Site Inferred from Field Investigations and Microcosm Studies. <i>Environmental Science & Technology</i> , 2018 , 52, 22-31	10.3	11
125	Visualization of graphene oxide transport in two-dimensional homogeneous and heterogeneous porous media. <i>Journal of Hazardous Materials</i> , 2019 , 369, 334-341	12.8	10
124	Characterization of the regional groundwater quality evolution in the North Plain of Jiangsu Province, China. <i>Environmental Earth Sciences</i> , 2015 , 74, 5587-5604	2.9	10
123	Importance of Al/Fe oxyhydroxide coating and ionic strength in perfluorooctanoic acid (PFOA) transport in saturated porous media. <i>Water Research</i> , 2020 , 175, 115685	12.5	10
122	Integrating MT-DREAMzs and nested sampling algorithms to estimate marginal likelihood and comparison with several other methods. <i>Journal of Hydrology</i> , 2018 , 563, 750-765	6	10
121	Importance of surface roughness on perfluorooctanoic acid (PFOA) transport in unsaturated porous media. <i>Environmental Pollution</i> , 2020 , 266, 115343	9.3	10
120	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. <i>Hydrogeology Journal</i> , 2020 , 28, 2543-2557	3.1	10
119	A Dehalogenimonas Population Respires 1,2,4-Trichlorobenzene and Dichlorobenzenes. <i>Environmental Science & Technology</i> , 2018 , 52, 13391-13398	10.3	10
118	Quantifying representative elementary volume of connectivity for translucent granular materials by light transmission micro-tomography. <i>Journal of Hydrology</i> , 2017 , 545, 12-27	6	9
117	An adaptive Kriging surrogate method for efficient uncertainty quantification with an application to geological carbon sequestration modeling. <i>Computers and Geosciences</i> , 2019 , 125, 69-77	4.5	9
116	Delineation of contaminant plume for an inorganic contaminated site using electrical resistivity tomography: comparison with direct-push technique. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 187	3.1	9
115	Complex conductivity of oil-contaminated clayey soils. <i>Journal of Hydrology</i> , 2018 , 561, 930-942	6	9
114	A Variable Fuzzy Set Assessment Model for Water Shortage Risk: Two Case Studies from China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011 , 17, 631-645	4.9	9
113	Hydrogeophysical Characterization of Nonstationary DNAPL Source Zones by Integrating a Convolutional Variational Autoencoder and Ensemble Smoother. <i>Water Resources Research</i> , 2021 , 57, e2020WR028538	5.4	9
112	A three-dimensional model for quantification of the representative elementary volume of tortuosity in granular porous media. <i>Journal of Hydrology</i> , 2018 , 557, 128-136	6	9

111	Response of cucumber (<i>Cucumis sativus</i>) to perfluorooctanoic acid in photosynthesis and metabolomics. <i>Science of the Total Environment</i> , 2020 , 724, 138257	10.2	8
110	Laboratory investigation and simulation of breakthrough curves in karst conduits with pools. <i>Hydrogeology Journal</i> , 2017 , 25, 2235-2250	3.1	8
109	A cubic-spline technique to calculate nodal Darcian velocities in aquifers. <i>Water Resources Research</i> , 1994 , 30, 975-981	5.4	8
108	Variation of lake-river-aquifer interactions induced by human activity and climatic condition in Poyang Lake Basin, China. <i>Journal of Hydrology</i> , 2021 , 595, 126058	6	8
107	Impacts of groundwater depth on regional scale soil gleyization under changing climate in the Poyang Lake Basin, China. <i>Journal of Hydrology</i> , 2019 , 568, 501-516	6	8
106	An Efficient Simulation Optimization Approach for Controlling Seawater Intrusion. <i>Journal of Coastal Research</i> , 2018 , 84, 10-18	0.6	8
105	Precise simulation of long-term DNAPL migration in heterogeneous porous media based on light transmission micro-tomography. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 725-734	6.8	7
104	Experimental and numerical modeling of chemical osmosis in the clay samples of the aquitard in the North China Plain. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	7
103	Development and application of a master-slave parallel hybrid multi-objective evolutionary algorithm for groundwater remediation design. <i>Environmental Earth Sciences</i> , 2013 , 70, 2481-2494	2.9	7
102	Continuous time random walk in homogeneous porous media. <i>Journal of Contaminant Hydrology</i> , 2013 , 155, 82-6	3.9	7
101	Simulation of DNAPL migration in heterogeneous translucent porous media based on estimation of representative elementary volume. <i>Journal of Hydrology</i> , 2017 , 553, 276-288	6	7
100	Can the Pruned-Enriched Method be Used for the Simulation of Fluids?. <i>Journal of Statistical Physics</i> , 2009 , 136, 984-988	1.5	7
99	Efficient triple-grid multiscale finite element method for 3D groundwater flow simulation in heterogeneous porous media. <i>Journal of Hydrology</i> , 2017 , 546, 503-514	6	6
98	Assessing human health risk of groundwater DNAPL contamination by quantifying the model structure uncertainty. <i>Journal of Hydrology</i> , 2020 , 584, 124690	6	6
97	Surfactant-Enhanced Electroosmotic Flushing in a Trichlorobenzene Contaminated Clayey Soil. <i>Ground Water</i> , 2018 , 56, 673-679	2.4	6
96	Evaluating the interactions between surface water and groundwater in the arid mid-eastern Yanqi Basin, northwestern China. <i>Hydrological Sciences Journal</i> , 2018 , 63, 1313-1331	3.5	6
95	Fully coupled three-dimensional nonlinear numerical simulation of pumping-induced land movement. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	6
94	Comprehensive evaluation of shallow groundwater quality in Central and Southern Jiangsu Province, China. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	6

93	Compaction of aquifer units under complex patterns of changing groundwater level. <i>Environmental Earth Sciences</i> , 2015 , 73, 1537-1544	2.9	6
92	Modified Multiscale Finite-Element Method for Solving Groundwater Flow Problem in Heterogeneous Porous Media. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014 , 19, 04014004	1.8	6
91	Reliability Analysis of the Groundwater Conceptual Model. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013 , 19, 515-525	4.9	6
90	Pumping-induced stress and strain in aquifer systems in Wuxi, China. <i>Hydrogeology Journal</i> , 2018 , 26, 771-787	3.1	6
89	Field application at a DNAPL-contaminated site in Nanjing and discussion of a source search algorithm based on stochastic modeling and Kalman filter. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	5
88	Evaluation of information transfer and data transfer models of rain-gauge network design based on information entropy. <i>Environmental Research</i> , 2019 , 178, 108686	7.9	5
87	Effects of flow rate variation on solute transport in a karst conduit with a pool. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	5
86	Application of spectral induced polarization for characterizing surfactant-enhanced DNAPL remediation in laboratory column experiments. <i>Journal of Contaminant Hydrology</i> , 2020 , 230, 103603	3.9	5
85	The change of representative elementary volume of DNAPL influenced by surface active agents during long-term remediation period in heterogeneous porous media. <i>Science of the Total Environment</i> , 2018 , 625, 1175-1190	10.2	5
84	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. <i>Hydrogeology Journal</i> , 2018 , 26, 1475-1485	3.1	5
83	Retention and Transport of PAH-Degrading Bacterium <i>Herbaspirillum chlorophenicum</i> FA1 in Saturated Porous Media Under Various Physicochemical Conditions. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	5
82	Diffusion in Relatively Homogeneous Sand Columns: A Scale-Dependent or Scale-Independent Process?. <i>Entropy</i> , 2013 , 15, 4376-4391	2.8	5
81	An Improved Tandem Neural Network Architecture for Inverse Modeling of Multicomponent Reactive Transport in Porous Media. <i>Water Resources Research</i> , 2021 , 57,	5.4	5
80	Evaluation of the performance of multiple-well hydraulic barriers on enhancing groundwater extraction in a coastal aquifer. <i>Advances in Water Resources</i> , 2020 , 144, 103704	4.7	5
79	Importance of Organic Matter to the Retention and Transport of Bisphenol A and Bisphenol S in Saturated Soils. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	4
78	The influences of ionic strength and permeability on DNAPLs representative elementary volume in porous media. <i>Journal of Hydrology</i> , 2019 , 575, 94-104	6	4
77	The effect of infiltration flux on air counterflow in a 2-D confined sand chamber. <i>Journal of Hydrology</i> , 2019 , 571, 619-626	6	4
76	New finite volume multiscale finite element model for simultaneously solving groundwater flow and darcian velocity fields in porous media. <i>Journal of Hydrology</i> , 2019 , 573, 592-606	6	4

75	Effect of cation type in mixed Ca-Na systems on transport of sulfonamide antibiotics in saturated limestone porous media. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 11170-11178	5.1	4
74	Visco-elasto-plastic compaction of aquitards due to groundwater withdrawal in Shanghai, China. <i>Environmental Earth Sciences</i> , 2015 , 74, 1611-1624	2.9	4
73	A probabilistic modeling framework for assessing the impacts of large reservoirs on river thermal regimes - A case of the Yangtze River. <i>Environmental Research</i> , 2020 , 183, 109221	7.9	4
72	Joint inversion of physical and geochemical parameters in groundwater models by sequential ensemble-based optimal design. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1919-1937	3.5	4
71	Assessment of groundwater exploitation in an aquifer using the random walk on grid method: a case study at Ordos, China. <i>Hydrogeology Journal</i> , 2018 , 26, 1669-1681	3.1	4
70	Formation of magnesium hydrosilicate nanomaterials and its applications for phosphate/ammonium removal. <i>Environmental Technology (United Kingdom)</i> , 2018 , 39, 2162-2167	2.6	4
69	Anomalous Solute Transport in Cemented Porous Media: Pore-scale Simulations. <i>Soil Science Society of America Journal</i> , 2018 , 82, 10-19	2.5	4
68	Groundwater contaminant source identification via Bayesian model selection and uncertainty quantification. <i>Hydrogeology Journal</i> , 2019 , 27, 2907-2918	3.1	4
67	Bayesian convolutional neural networks for predicting the terrestrial water storage anomalies during GRACE and GRACE-FO gap. <i>Journal of Hydrology</i> , 2021 , 604, 127244	6	4
66	Improved comprehensive ecological risk assessment method and sensitivity analysis of polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Research</i> , 2020 , 187, 109500	7.9	4
65	Effect of root exudates on the stability and transport of graphene oxide in saturated porous media. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125362	12.8	4
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