

# Jichun Wu

## List of Publications by Year in descending order

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225  
papers

5,476  
citations

81743

39  
h-index

123241

61  
g-index

226  
all docs

226  
docs citations

226  
times ranked

4910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of heterogeneity in a sedimentary aquifer using Generalized sub-Gaussian model based on logging resistivity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 767-783.	1.9	3
2	Elevated CO <sub>2</sub> levels alleviated toxicity of ZnO nanoparticles to rice and soil bacteria. <i>Science of the Total Environment</i> , 2022, 804, 149822.	3.9	6
3	Effects of anionic hydrocarbon surfactant on the transport of perfluorooctanoic acid (PFOA) in natural soils. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24672-24681.	2.7	10
4	Bayesian convolutional neural networks for predicting the terrestrial water storage anomalies during GRACE and GRACE-FO gap. <i>Journal of Hydrology</i> , 2022, 604, 127244.	2.3	39
5	Quantifying the impact of mineralogical heterogeneity on reactive transport modeling of CO <sub>2</sub> -induced in-situ leaching of uranium. <i>Acta Geochimica</i> , 2022, 41, 50-63.	0.7	8
6	CuO nanoparticles modify bioaccumulation of perfluorooctanoic acid in radish ( <i>Raphanus</i> ). <i>Journal of Environmental Health and Pollution Research</i> , 2022, 10, 50-54.	1.3	5
7	Optimizing river damming and impounding strategies to mitigate seawater intrusion in the coastal aquifer of Dagu River Basin, China. <i>Hydrogeology Journal</i> , 2022, 30, 557-573.	0.9	3
8	Multi-objective optimization of the coastal groundwater abstraction for striking the balance among conflicts of resource-environment-economy in Longkou City, China. <i>Water Research</i> , 2022, 211, 118045.	5.3	8
9	Multi-objective optimization-based reactive nitrogen transport modeling for the water-environment-agriculture nexus in a basin-scale coastal aquifer. <i>Water Research</i> , 2022, 212, 118111.	5.3	7
10	Seawater Intrusion-Retreat Processes and Groundwater Evolution in Intruded Coastal Aquifers with Land Reclamation: A Case Study of Eastern Jiangsu, China. <i>Lithosphere</i> , 2022, 2021, .	0.6	5
11	Groundwater age persistence in topography-driven groundwater flow over paleohydrogeologic time scales. <i>Geology</i> , 2022, 50, 731-735.	2.0	4
12	Laboratory experimental study on pumping-induced earth fissures. <i>Hydrogeology Journal</i> , 2022, 30, 849-864.	0.9	3
13	Deep learning based optimization under uncertainty for surfactant-enhanced DNAPL remediation in highly heterogeneous aquifers. <i>Journal of Hydrology</i> , 2022, 608, 127639.	2.3	8
14	Combined Effects of Fe/Al Oxyhydroxide Coating and pH on Polystyrene Nanoplastic Transport in Saturated Sand Media. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	1.1	3
15	The coastal aquifer recovery subject to storm surge: Effects of connected heterogeneity, physical barrier and surge frequency. <i>Journal of Hydrology</i> , 2022, 610, 127835.	2.3	2
16	Characterization of the non-Gaussian hydraulic conductivity field via deep learning-based inversion of hydraulic-head and self-potential data. <i>Journal of Hydrology</i> , 2022, 610, 127830.	2.3	6
17	Effects of polyamide microplastic on the transport of graphene oxide in porous media. <i>Science of the Total Environment</i> , 2022, 843, 157042.	3.9	6
18	Identifying the characteristics and potential risk of seawater intrusion for southern China by the SBM-DEA model. <i>Science of the Total Environment</i> , 2022, 844, 157205.	3.9	6

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19	Identification of non-Gaussian parameters in heterogeneous aquifers by a modified probability conditioning method through hydraulic-head assimilation. <i>Hydrogeology Journal</i> , 2021, 29, 819-839.	0.9	2
20	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.	6.5	44
21	Hydrogeophysical Characterization of Nonstationary DNAPL Source Zones by Integrating a Convolutional Variational Autoencoder and Ensemble Smoother. <i>Water Resources Research</i> , 2021, 57, e2020WR028538.	1.7	27
22	Modeling of crack propagation with the quasi-static material point method. <i>Engineering Fracture Mechanics</i> , 2021, 245, 107602.	2.0	3
23	Reactive transport numerical modeling of CO <sub>2</sub> +O <sub>2</sub> & in-situ leaching in sandstone-type uranium ore. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2021, , .	0.3	2
24	New Finite Volume Multiscale Finite-Element Model for Solving Solute Transport Problems in Porous Media. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, 04021002.	0.8	1
25	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.	3.8	24
26	Identifying More Realistic Model Structures by Electrical Conductivity Observations of the Karst Spring. <i>Water Resources Research</i> , 2021, 57, e2020WR028587.	1.7	15
27	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.	2.3	27
28	Interpolation for the lattice-Boltzmann method to simulate colloid transport in porous media. <i>Physical Review E</i> , 2021, 103, 053309.	0.8	0
29	Quantification of the fluid saturation of three phases of NAPL/Water/Gas in 2D porous media systems using a light transmission technique. <i>Journal of Hydrology</i> , 2021, 597, 125718.	2.3	4
30	Effects of diffuse groundwater discharge, internal metabolism and carbonate buffering on headwater stream CO <sub>2</sub> evasion. <i>Science of the Total Environment</i> , 2021, 777, 146230.	3.9	8
31	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.	6.5	11
32	Impact of climate change on multi-objective management of seawater intrusion in coastal karst aquifers in Zhoushuizi district of Dalian City, China. <i>Hydrogeology Journal</i> , 2021, 29, 2329-2346.	0.9	2
33	Integrating hydraulic tomography, electrical resistivity tomography, and partitioning interwell tracer test datasets to improve identification of pool-dominated DNAPL source zone architecture. <i>Journal of Contaminant Hydrology</i> , 2021, 241, 103809.	1.6	3
34	Integrating deep learning-based data assimilation and hydrogeophysical data for improved monitoring of DNAPL source zones during remediation. <i>Journal of Hydrology</i> , 2021, 601, 126655.	2.3	16
35	Evaluation of the benefits of improved permeability estimation on high-resolution characterization of DNAPL distribution in aquifers with low-permeability lenses. <i>Journal of Hydrology</i> , 2021, 603, 126955.	2.3	2
36	A time-varying drought identification and frequency analyzation method: A case study of Jinsha River Basin. <i>Journal of Hydrology</i> , 2021, 603, 126864.	2.3	14

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37	An Improved Tandem Neural Network Architecture for Inverse Modeling of Multicomponent Reactive Transport in Porous Media. <i>Water Resources Research</i> , 2021, 57, .	1.7	30
38	Effects of nanometer alumina and humic acid on the retention and transport of hexavalent chromium in porous media. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113005.	2.9	4
39	A Two-stage Bayesian Data-driven Method to Improve Model Prediction. <i>Water Resources Research</i> , 2021, 57, e2021WR030436.	1.7	2
40	Microbial Communities Associated with Sustained Anaerobic Reductive Dechlorination of $\hat{1}\pm$ , $\hat{1}^2$ , $\hat{1}^3$ , and $\hat{1}$ -Hexachlorocyclohexane Isomers to Monochlorobenzene and Benzene. <i>Environmental Science &amp; Technology</i> , 2020, 54, 255-265.	4.6	32
41	Three-dimensional Numerical Investigation of Pore Water Pressure and Deformation of Pumped Aquifer Systems. <i>Ground Water</i> , 2020, 58, 278-290.	0.7	10
42	Developing a dual entropy-transformation criterion for hydrometric network optimization based on information theory and copulas. <i>Environmental Research</i> , 2020, 180, 108813.	3.7	5
43	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.	3.9	148
44	Quantifying the change in streamflow complexity in the Yangtze River. <i>Environmental Research</i> , 2020, 180, 108833.	3.7	25
45	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.	1.7	18
46	Importance of surface roughness on perfluorooctanoic acid (PFOA) transport in unsaturated porous media. <i>Environmental Pollution</i> , 2020, 266, 115343.	3.7	24
47	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.	1.7	18
48	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.	0.9	16
49	Effects of Temperature, Solution pH, and Ball-Milling Modification on the Adsorption of Non-steroidal Anti-inflammatory Drugs onto Biochar. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 422-427.	1.3	14
50	Multivariate Hazard Assessment for Nonstationary Seasonal Flood Extremes Considering Climate Change. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032780.	1.2	8
51	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.	3.9	57
52	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.	5.3	34
53	Estimation of the Critical Infiltration Rate for Air Compression During Infiltration. <i>Water Resources Research</i> , 2020, 56, e2019WR026410.	1.7	3
54	Random walk evaluation of Green's functions for groundwater flow in heterogeneous aquifers. <i>Journal of Hydrology</i> , 2020, 588, 125029.	2.3	3

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55	Assessing human health risk of groundwater DNAPL contamination by quantifying the model structure uncertainty. <i>Journal of Hydrology</i> , 2020, 584, 124690.	2.3	14
56	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.	3.7	12
57	Integration of Adversarial Autoencoders With Residual Dense Convolutional Networks for Estimation of Non-Gaussian Hydraulic Conductivities. <i>Water Resources Research</i> , 2020, 56, e2019WR026082.	1.7	67
58	Application of spectral induced polarization for characterizing surfactant-enhanced DNAPL remediation in laboratory column experiments. <i>Journal of Contaminant Hydrology</i> , 2020, 230, 103603.	1.6	9
59	The co-effect of heterogeneity and solute concentration on representative elementary volume of DNAPL in groundwater. <i>Journal of Hydrology</i> , 2020, 585, 124795.	2.3	3
60	Response of cucumber ( <i>Cucumis sativus</i> ) to perfluorooctanoic acid in photosynthesis and metabolomics. <i>Science of the Total Environment</i> , 2020, 724, 138257.	3.9	33
61	Experimental Study on the Vertical Deformation of Soils due to Groundwater Withdrawal. <i>International Journal of Geomechanics</i> , 2020, 20, .	1.3	7
62	On the nanoparticle transport and release in layered heterogeneous porous media under transient chemical conditions. <i>Journal of Hydrology</i> , 2020, 586, 124889.	2.3	1
63	Improved comprehensive ecological risk assessment method and sensitivity analysis of polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Research</i> , 2020, 187, 109500.	3.7	6
64	Predictive Assessment of Groundwater Flow Uncertainty in Multiscale Porous Media by Using Truncated Power Variogram Model. <i>Transport in Porous Media</i> , 2019, 126, 97-114.	1.2	3
65	Effect of Different Conduit-Network Recharge Ways on Karst Spring Simulation. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	2
66	Bayesian evaluation of meteorological datasets for modeling snowmelt runoff in Tizinafu watershed in Western China. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1991-2006.	1.3	6
67	Cotransport of <i>Herbaspirillum chlorophenicum</i> FA1 and heavy metals in saturated porous media: Effect of ion type and concentration. <i>Environmental Pollution</i> , 2019, 254, 112940.	3.7	9
68	Surrogate assisted multi-objective robust optimization for groundwater monitoring network design. <i>Journal of Hydrology</i> , 2019, 577, 123994.	2.3	23
69	Effect of Residual NAPLs on the Transport of Bisphenol A and Bisphenol S in Saturated Porous Media. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	2
70	Transport of a PAH-degrading bacterium in saturated limestone media under various physicochemical conditions: Common and unexpected retention and remobilization behaviors. <i>Journal of Hazardous Materials</i> , 2019, 380, 120858.	6.5	11
71	Groundwater contaminant source identification via Bayesian model selection and uncertainty quantification. <i>Hydrogeology Journal</i> , 2019, 27, 2907-2918.	0.9	7
72	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.	2.3	27

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73	Evaluation of information transfer and data transfer models of rain-gauge network design based on information entropy. <i>Environmental Research</i> , 2019, 178, 108686.	3.7	9
74	Depth-dependent relation between hydraulic conductivity and electrical resistivity in geologic formations. <i>Journal of Hydrology</i> , 2019, 578, 124081.	2.3	2
75	Time Behavior of Anomalous Solute Transport in Three-dimensional Cemented Porous Media. <i>Soil Science Society of America Journal</i> , 2019, 83, 1012-1023.	1.2	5
76	Efficient identification of preferential flow path in heterogeneous media based on stream function. <i>Journal of Hydrology</i> , 2019, 577, 123961.	2.3	5
77	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.	1.1	10
78	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.	2.0	20
79	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.	1.7	40
80	The influences of ionic strength and permeability on DNAPLs representative elementary volume in porous media. <i>Journal of Hydrology</i> , 2019, 575, 94-104.	2.3	5
81	The effect of infiltration flux on air counterflow in a 2-D confined sand chamber. <i>Journal of Hydrology</i> , 2019, 571, 619-626.	2.3	5
82	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.	2.3	6
83	Deep Autoregressive Neural Networks for High-dimensional Inverse Problems in Groundwater Contaminant Source Identification. <i>Water Resources Research</i> , 2019, 55, 3856-3881.	1.7	157
84	Deep Convolutional Encoder-Decoder Networks for Uncertainty Quantification of Dynamic Multiphase Flow in Heterogeneous Media. <i>Water Resources Research</i> , 2019, 55, 703-728.	1.7	201
85	Effects of flow rate variation on solute transport in a karst conduit with a pool. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	10
86	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.	1.6	45
87	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.	2.7	8
88	Visualization of graphene oxide transport in two-dimensional homogeneous and heterogeneous porous media. <i>Journal of Hazardous Materials</i> , 2019, 369, 334-341.	6.5	18
89	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.	2.3	31
90	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.	2.3	15

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91	Permeability Estimation Based on the Geometry of Pore Space via Random Walk on Grids. <i>Geofluids</i> , 2019, 2019, 1-10.	0.3	97
92	Investigating the appropriate model structure for simulation of a karst catchment from the aspect of spatial complexity. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	4
93	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.	1.3	16
94	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.	1.9	7
95	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.	0.9	4
96	Graphene oxide-facilitated transport of levofloxacin and ciprofloxacin in saturated and unsaturated porous media. <i>Journal of Hazardous Materials</i> , 2018, 348, 92-99.	6.5	52
97	Improved Nested Sampling and Surrogate-Enabled Comparison With Other Marginal Likelihood Estimators. <i>Water Resources Research</i> , 2018, 54, 797-826.	1.7	29
98	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.	3.9	76
99	Surfactant-Enhanced Electroosmotic Flushing in a Trichlorobenzene Contaminated Clayey Soil. <i>Ground Water</i> , 2018, 56, 673-679.	0.7	9
100	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.	3.9	6
101	Complex conductivity of oil-contaminated clayey soils. <i>Journal of Hydrology</i> , 2018, 561, 930-942.	2.3	15
102	Adaptive surrogate model based multiobjective optimization for coastal aquifer management. <i>Journal of Hydrology</i> , 2018, 561, 98-111.	2.3	67
103	Experimental study of the moisture distribution on the wetting front during drainage and imbibition in a 2D sand chamber. <i>Journal of Hydrology</i> , 2018, 561, 112-122.	2.3	2
104	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.	2.7	28
105	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.	2.8	18
106	Formation of magnesium hydrosilicate nanomaterials and its applications for phosphate/ammonium removal. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2162-2167.	1.2	5
107	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.	3.7	32
108	Natural Attenuation and Anaerobic Benzene Detoxification Processes at a Chlorobenzene-Contaminated Industrial Site Inferred from Field Investigations and Microcosm Studies. <i>Environmental Science &amp; Technology</i> , 2018, 52, 22-31.	4.6	23

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109	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.	2.3	14
110	Pumping-induced stress and strain in aquifer systems in Wuxi, China. <i>Hydrogeology Journal</i> , 2018, 26, 771-787.	0.9	7
111	A new method for wind speed forecasting based on copula theory. <i>Environmental Research</i> , 2018, 160, 365-371.	3.7	26
112	A kriging and entropy-based approach to raingauge network design. <i>Environmental Research</i> , 2018, 161, 61-75.	3.7	30
113	Identifying key factors of the seawater intrusion model of Dagu river basin, Jiaozhou Bay. <i>Environmental Research</i> , 2018, 165, 425-430.	3.7	28
114	Characteristic volume fractions of different grains in porous media for anomalous dispersion. <i>Environmental Fluid Mechanics</i> , 2018, 18, 1559-1569.	0.7	0
115	Assessing titanium dioxide nanoparticles transport models by Bayesian uncertainty analysis. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 3365-3379.	1.9	4
116	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.	2.3	26
117	An Efficient Simulation“Optimization Approach for Controlling Seawater Intrusion. <i>Journal of Coastal Research</i> , 2018, 84, 10-18.	0.1	11
118	A <i>Dehalogenimonas</i> Population Respires 1,2,4-Trichlorobenzene and Dichlorobenzenes. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13391-13398.	4.6	23
119	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11007-11016.	4.6	149
120	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.	5.3	46
121	Effects of microarrangement of solid particles on PCE migration and its remediation in porous media. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1001-1015.	1.9	2
122	Random walk path solution to groundwater flow dynamics in highly heterogeneous aquifers. <i>Journal of Hydrology</i> , 2018, 563, 543-559.	2.3	4
123	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.	2.3	11
124	Retention and Transport of Bisphenol A and Bisphenol S in Saturated Limestone Porous Media. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	16
125	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.	1.2	9
126	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.	1.7	14



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127	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.	2.3	29
128	Anomalous Solute Transport in Cemented Porous Media: Pore-scale Simulations. <i>Soil Science Society of America Journal</i> , 2018, 82, 10-19.	1.2	6
129	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.	0.9	11
130	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7220-7229.	4.6	171
131	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. <i>Chemosphere</i> , 2017, 168, 390-398.	4.2	20
132	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.	1.3	6
133	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.	2.3	8
134	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.	2.3	32
135	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.	2.3	12
136	Retention and transport of graphene oxide in water-saturated limestone media. <i>Chemosphere</i> , 2017, 180, 506-512.	4.2	58
137	Replenishing an unconfined coastal aquifer to control seawater intrusion: Injection or infiltration?. <i>Water Resources Research</i> , 2017, 53, 4775-4786.	1.7	34
138	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.	1.1	60
139	Quantifying representative elementary volume of connectivity for translucent granular materials by light transmission micro-tomography. <i>Journal of Hydrology</i> , 2017, 545, 12-27.	2.3	13
140	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.	3.3	9
141	A domain decomposed finite element method for solving Darcian velocity in heterogeneous porous media. <i>Journal of Hydrology</i> , 2017, 554, 32-49.	2.3	5
142	Solving Time-Fractional Advection-Dispersion Equation by Variable Weights Particle Tracking Method. <i>Journal of Statistical Physics</i> , 2017, 168, 1248-1258.	0.5	1
143	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.	2.7	17
144	Fully coupled three-dimensional nonlinear numerical simulation of pumping-induced land movement. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	6

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