Ming Ye

List of Publications by Year
in descending order

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160 papers	5,040 citations	87888 38 h-index	110387 64 g-index
167 all docs	167 docs citations	167 times ranked	4949 citing authors

#	Article	IF	Citations
1	Developing a Long Short-Term Memory (LSTM) based model for predicting water table depth in agricultural areas. Journal of Hydrology, 2018, 561, 918-929.	5.4	486
2	Global sensitivity analysis in hydrological modeling: Review of concepts, methods, theoretical framework, and applications. Journal of Hydrology, 2015, 523, 739-757.	5.4	386
3	Towards a comprehensive assessment of model structural adequacy. Water Resources Research, 2012, 48, .	4.2	317
4	On model selection criteria in multimodel analysis. Water Resources Research, 2008, 44, .	4.2	203
5	Maximum likelihood Bayesian averaging of spatial variability models in unsaturated fractured tuff. Water Resources Research, 2004, 40, .	4.2	172
6	Spatiotemporal variations of hydrogeochemistry and its controlling factors in the Gandaki River Basin, Central Himalaya Nepal. Science of the Total Environment, 2018, 622-623, 770-782.	8.0	156
7	Bayesian analysis of data-worth considering model and parameter uncertainties. Advances in Water Resources, 2012, 36, 75-85.	3.8	113
8	A Modelâ€Averaging Method for Assessing Groundwater Conceptual Model Uncertainty. Ground Water, 2010, 48, 716-728.	1.3	111
9	Ground-based evaluation of MODIS snow cover product V6 across China: Implications for the selection of NDSI threshold. Science of the Total Environment, 2019, 651, 2712-2726.	8.0	85
10	Groundwater sustainability: a review of the interactions between science and policy. Environmental Research Letters, 2020, 15, 093004.	5.2	85
11	Estimating daily air temperatures over the Tibetan Plateau by dynamically integrating MODIS LST data. Journal of Geophysical Research D: Atmospheres, 2016, 121, 11,425.	3.3	79
12	An adaptive sparse-grid high-order stochastic collocation method for Bayesian inference in groundwater reactive transport modeling. Water Resources Research, 2013, 49, 6871-6892.	4.2	72
13	Snow cover and runoff modelling in a high mountain catchment with scarce data: effects of temperature and precipitation parameters. Hydrological Processes, 2015, 29, 52-65.	2.6	64
14	Quantifying model structural error: Efficient <scp>B</scp>ayesian calibration of a regional groundwater flow model using surrogates and a dataâ€driven error model. Water Resources Research, 2017, 53, 4084-4105.	4.2	60
15	Sensitivity analysis and assessment of prior model probabilities in MLBMA with application to unsaturated fractured tuff. Water Resources Research, 2005, 41, .	4.2	56
16	Estimation of effective unsaturated hydraulic conductivity tensor using spatial moments of observed moisture plume. Water Resources Research, 2005, 41, .	4.2	55
17	Expert elicitation of recharge model probabilities for the Death Valley regional flow system. Journal of Hydrology, 2008, 354, 102-115.	5.4	55
18	Assessment of parametric uncertainty for groundwater reactive transport modeling. Water Resources Research, 2014, 50, 4416-4439.	4.2	55

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19	A fully coupled numerical modeling for regional unsaturatedâ€“saturated water flow. Journal of Hydrology, 2012, 475, 188-203.	5.4	52
20	Variance-based global sensitivity analysis for multiple scenarios and models with implementation using sparse grid collocation. Journal of Hydrology, 2015, 528, 286-300.	5.4	48
21	Numerical Comparison of Iterative Ensemble Kalman Filters for Unsaturated Flow Inverse Modeling. Vadose Zone Journal, 2014, 13, 1-12.	2.2	47
22	Practical Use of Computationally Frugal Model Analysis Methods. Ground Water, 2016, 54, 159-170.	1.3	47
23	Using cluster analysis for understanding spatial and temporal patterns and controlling factors of groundwater geochemistry in a regional aquifer. Journal of Hydrology, 2020, 583, 124594.	5.4	47
24	Identification of sorption processes and parameters for radionuclide transport in fractured rock. Journal of Hydrology, 2012, 414-415, 220-230.	5.4	46
25	Groundwater Quality: Analysis of Its Temporal and Spatial Variability in a Karst Aquifer. Ground Water, 2018, 56, 62-72.	1.3	46
26	Stochastic analysis of moisture plume dynamics of a field injection experiment. Water Resources Research, 2005, 41, .	4.2	45
27	Analysis of regression confidence intervals and Bayesian credible intervals for uncertainty quantification. Water Resources Research, 2012, 48, .	4.2	45
28	Using t-distributed Stochastic Neighbor Embedding (t-SNE) for cluster analysis and spatial zone delineation of groundwater geochemistry data. Journal of Hydrology, 2021, 597, 126146.	5.4	45
29	Loosely coupled SaltMod for simulating groundwater and salt dynamics under well-canal conjunctive irrigation in semi-arid areas. Agricultural Water Management, 2017, 192, 209-220.	5.6	44
30	Nonlocal and localized analyses of conditional mean transient flow in bounded, randomly heterogeneous porous media. Water Resources Research, 2004, 40, .	4.2	43
31	Using data assimilation method to calibrate a heterogeneous conductivity field and improve solute transport prediction with an unknown contamination source. Stochastic Environmental Research and Risk Assessment, 2009, 23, 1155-1167.	4.0	43
32	Assessing five evolving microbial enzyme models against field measurements from a semiarid savannah-What are the mechanisms of soil respiration pulses?. Geophysical Research Letters, 2014, 41, 6428-6434.	4.0	42
33	Evaluating marginal likelihood with thermodynamic integration method and comparison with several other numerical methods. Water Resources Research, 2016, 52, 734-758.	4.2	41
34	A new process sensitivity index to identify important system processes under process model and parametric uncertainty. Water Resources Research, 2017, 53, 3476-3490.	4.2	41
35	Localized failure in unsaturated soils under non-isothermal conditions. Acta Geotechnica, 2018, 13, 73-85.	5.7	41
36	Upscaling of reactive mass transport in fractured rocks with multimodal reactive mineral facies. Water Resources Research, 2010, 46, .	4.2	40

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37	Sensitivity analysis of unsaturated flow and contaminant transport with correlated parameters. Journal of Hydrology, 2011, 397, 238-249.	5.4	40
38	Effects of error covariance structure on estimation of model averaging weights and predictive performance. Water Resources Research, 2013, 49, 6029-6047.	4.2	40
39	A Taylor Expansionâ€Based Adaptive Design Strategy for Global Surrogate Modeling With Applications in Groundwater Modeling. Water Resources Research, 2017, 53, 10802-10823.	4.2	40
40	A Markov chain model for characterizing medium heterogeneity and sediment layering structure. Water Resources Research, 2008, 44, .	4.2	38
41	Numerical modeling and sensitivity analysis of seawater intrusion in a dual-permeability coastal karst aquifer with conduit networks. Hydrology and Earth System Sciences, 2018, 22, 221-239.	4.9	38
42	Quantification of uncertainty in pedotransfer functionâ€based parameter estimation for unsaturated flow modeling. Water Resources Research, 2009, 45, .	4.2	37
43	Upscaling retardation factor in hierarchical porous media with multimodal reactive mineral facies. Chemosphere, 2013, 91, 248-257.	8.2	36
44	A generalized Ross method for two- and three-dimensional variably saturated flow. Advances in Water Resources, 2013, 54, 67-77.	3.8	35
45	A dynamic data-driven method for dealing with model structural error in soil moisture data assimilation. Advances in Water Resources, 2019, 132, 103407.	3.8	33
46	Fracture-Flow-Enhanced Matrix Diffusion in Solute Transport Through Fractured Porous Media. Transport in Porous Media, 2010, 81, 21-34.	2.6	32
47	Multimodel Bayesian analysis of data-worth applied to unsaturated fractured tuffs. Advances in Water Resources, 2012, 35, 69-82.	3.8	31
48	A computer program for uncertainty analysis integrating regression and Bayesian methods. Environmental Modelling and Software, 2014, 60, 45-56.	4.5	31
49	Strain localization in a solidâ€waterâ€air system with random heterogeneity via stabilized mixed finite elements. International Journal for Numerical Methods in Engineering, 2017, 112, 1926-1950.	2.8	31
50	Development and application of long-term root zone salt balance model for predicting soil salinity in arid shallow water table area. Agricultural Water Management, 2019, 213, 486-498.	5.6	31
51	Experiment and numerical simulation for designing layout parameters of subsurface drainage pipes in arid agricultural areas. Agricultural Water Management, 2021, 243, 106455.	5.6	31
52	A geostatisticsâ€informed hierarchical sensitivity analysis method for complex groundwater flow and transport modeling. Water Resources Research, 2017, 53, 4327-4343.	4.2	30
53	ArcNLET: A GIS-based software to simulate groundwater nitrate load from septic systems to surface water bodies. Computers and Geosciences, 2013, 52, 108-116.	4.2	29
54	Evaluating two sparse grid surrogates and two adaptation criteria for groundwater Bayesian uncertainty quantification. Journal of Hydrology, 2016, 535, 120-134.	5.4	29

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55	Improved Nested Sampling and Surrogateâ€Enabled Comparison With Other Marginal Likelihood Estimators. Water Resources Research, 2018, 54, 797-826.	4.2	29
56	Parallel Inverse Modeling and Uncertainty Quantification for Computationally Demanding Groundwater-Flow Models Using Covariance Matrix Adaptation. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	28
57	Daily air temperature estimation on glacier surfaces in the Tibetan Plateau using MODIS LST data. Journal of Glaciology, 2018, 64, 132-147.	2.2	28
58	Comment on â€œInverse groundwater modeling for hydraulic conductivity estimation using Bayesian model averaging and variance windowâ€•by Frank T.â€€. Tsai and Xiaobao Li. Water Resources Research, 2010, 46, .	4.2	27
59	Simulation of field injection experiments in heterogeneous unsaturated media using cokriging and artificial neural network. Water Resources Research, 2007, 43, .	4.2	26
60	Dependence of Bayesian Model Selection Criteria and Fisher Information Matrix on Sample Size. Mathematical Geosciences, 2011, 43, 971-993.	2.4	23
61	Using Bayesian Networks for Sensitivity Analysis of Complex Biogeochemical Models. Water Resources Research, 2019, 55, 3541-3555.	4.2	23
62	Maximum likelihood Bayesian model averaging and its predictive analysis for groundwater reactive transport models. Journal of Hydrology, 2015, 529, 1859-1873.	5.4	22
63	Bayesian calibration of groundwater models with input data uncertainty. Water Resources Research, 2017, 53, 3224-3245.	4.2	22
64	An efficient soil water balance model based on hybrid numerical and statistical methods. Journal of Hydrology, 2018, 559, 721-735.	5.4	22
65	Delineating Facies Spatial Distribution by Integrating Ensemble Data Assimilationand Indicator Geostatistics With Levelâ€Set Transformation. Water Resources Research, 2019, 55, 2652-2671.	4.2	22
66	Evaluation of upward flow of groundwater to freezing soils and rational per-freezing water table depth in agricultural areas. Journal of Hydrology, 2020, 585, 124825.	5.4	22
67	Multiâ€hypothesis comparison of Farquhar and Collatz photosynthesis models reveals the unexpected influence of empirical assumptions at leaf and global scales. Global Change Biology, 2021, 27, 804-822.	9.5	22
68	Incorporation of conceptual and parametric uncertainty into radionuclide flux estimates from a fractured granite rock mass. Stochastic Environmental Research and Risk Assessment, 2010, 24, 899-915.	4.0	21
69	Numerical Evaluation of Uncertainty in Water Retention Parameters and Effect on Predictive Uncertainty. Vadose Zone Journal, 2009, 8, 158-166.	2.2	20
70	An adaptive Kriging surrogate method for efficient uncertainty quantification with an application to geological carbon sequestration modeling. Computers and Geosciences, 2019, 125, 69-77.	4.2	20
71	Modelling the salt accumulation and leaching processes in arid agricultural areas with a new mass balance model. Journal of Hydrology, 2020, 591, 125329.	5.4	20
72	Assessment of radionuclide transport uncertainty in the unsaturated zone of Yucca Mountain. Advances in Water Resources, 2007, 30, 118-134.	3.8	19

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73	Using machine learning to identify karst sinkholes from LiDAR-derived topographic depressions in the Bluegrass Region of Kentucky. Journal of Hydrology, 2020, 588, 125049.	5.4	19
74	Evaluation and optimization of the water diversion system of ecohydrological restoration megaproject of Tarim River, China, through wavelet analysis and a neural network. Journal of Hydrology, 2022, 608, 127586.	5.4	19
75	Comparing Nonlinear Regression and Markov Chain Monte Carlo Methods for Assessment of Prediction Uncertainty in Vadose Zone Modeling. Vadose Zone Journal, 2012, 11, vzj2011.0147.	2.2	18
76	Bayesian performance evaluation of evapotranspiration models based on eddy covariance systems in an arid region. Hydrology and Earth System Sciences, 2019, 23, 2877-2895.	4.9	18
77	Estimation of nitrate load from septic systems to surface water bodies using an ArcGIS-based software. Environmental Earth Sciences, 2013, 70, 1911-1926.	2.7	16
78	Evaluating Groundwater Interbasin Flow Using Multiple Models and Multiple Types of Data. Ground Water, 2016, 54, 805-817.	1.3	15
79	Heat tracer test in a riparian zone: Laboratory experiments and numerical modelling. Journal of Hydrology, 2018, 563, 560-575.	5.4	14
80	Stabilized reduced order models for the advectionâ€“diffusionâ€“reaction equation using operator splitting. Computers and Mathematics With Applications, 2016, 71, 2407-2420.	2.7	13
81	The multi-assumption architecture and testbed (MAAT v1.0): R code for generating ensembles with dynamic model structure and analysis of epistemic uncertainty from multiple sources. Geoscientific Model Development, 2018, 11, 3159-3185.	3.6	13
82	Incorporating layer- and local-scale heterogeneities in numerical simulation of unsaturated flow and tracer transport. Journal of Contaminant Hydrology, 2009, 103, 194-205.	3.3	12
83	Development and application of a fully integrated model for unsaturated-saturated nitrogen reactive transport. Agricultural Water Management, 2017, 180, 35-49.	5.6	12
84	Finite-time stability and optimal control of a stochastic reaction-diffusion model for Alzheimerâ€™s disease with impulse and time-varying delay. Applied Mathematical Modelling, 2022, 102, 511-539.	4.2	12
85	Evaluation of effects of limited irrigation on regional-scale water movement and salt accumulation in arid agricultural areas. Agricultural Water Management, 2022, 262, 107398.	5.6	12
86	Impacts of prior parameter distributions on Bayesian evaluation of groundwater model complexity. Water Science and Engineering, 2018, 11, 89-100.	3.2	11
87	Sequential data-worth analysis coupled with ensemble Kalman filter for soil water flow: A real-world case study. Journal of Hydrology, 2018, 564, 76-88.	5.4	11
88	A Simplified Solution Using Izbash's Equation for Nonâ€Darcian Flow in a Constant Rate Pumping Test. Ground Water, 2019, 57, 962-968.	1.3	11
89	A new soil mixing layer model for simulating conservative solute loss from initially saturated soil to surface runoff. Journal of Hydrology, 2020, 590, 125514.	5.4	11
90	Quantification of model uncertainty in environmental modeling. Stochastic Environmental Research and Risk Assessment, 2010, 24, 807-808.	4.0	10

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91	Exponential stability of impulsive stochastic genetic regulatory networks with time-varying delays and reaction-diffusion. Advances in Difference Equations, 2016, 2016, .	3.5	10
92	Estimating ammonium and nitrate load from septic systems to surface water bodies within ArcGIS environments. Journal of Hydrology, 2016, 532, 177-192.	5.4	10
93	Investigating the effect of complexity on groundwater flow modeling uncertainty. Stochastic Environmental Research and Risk Assessment, 2018, 32, 643-659.	4.0	10
94	A new model for simulating spring discharge recession and estimating effective porosity of karst aquifers. Journal of Hydrology, 2018, 562, 609-622.	5.4	10
95	A comprehensive quasi-3-D model for regional-scale unsaturatedâ€“saturated water flow. Hydrology and Earth System Sciences, 2019, 23, 3481-3502.	4.9	10
96	Stationary distribution of a stochastic Alzheimer's diseaseÂmodel. Mathematical Methods in the Applied Sciences, 2020, 43, 9706-9718.	2.3	10
97	GW-PINN: A deep learning algorithm for solving groundwater flow equations. Advances in Water Resources, 2022, 165, 104243.	3.8	10
98	Numerical estimation of nitrogen load from septic systems to surface water bodies in St. Lucie River and Estuary Basin, Florida. Environmental Earth Sciences, 2017, 76, 1.	2.7	9
99	Machineâ€Learning Methods for Water Table Depth Prediction in Seasonal Freezingâ€Thawing Areas. Ground Water, 2020, 58, 419-431.	1.3	9
100	Numerical approximation of a stochastic ageâ€structured population model in a polluted environment with Markovian switching. Numerical Methods for Partial Differential Equations, 2020, 36, 1460-1491.	3.6	9
101	Stability in distribution for ageâ€structured HIV model with delay and driven by Ornsteinâ€“Uhlenbeck process. Studies in Applied Mathematics, 2021, 147, 792-815.	2.4	9
102	Support of sustainable management of nitrogen contamination due to septic systems using numerical modeling methods. Environment Systems and Decisions, 2013, 33, 237-250.	3.4	8
103	Multivariate statistical and trend analyses of surface water quality in the central Indian River Lagoon area, Florida. Environmental Earth Sciences, 2018, 77, 1.	2.7	8
104	Evaluating two multi-model simulationâ€“optimization approaches for managing groundwater contaminant plumes. Journal of Hydrology, 2020, 590, 125427.	5.4	8
105	Global sensitivity analysis for a prediction model of soil solute transfer into surface runoff. Journal of Hydrology, 2021, 599, 126342.	5.4	8
106	Using one-way clustering and co-clustering methods to reveal spatio-temporal patterns and controlling factors of groundwater geochemistry. Journal of Hydrology, 2021, 603, 127085.	5.4	8
107	A nonparametric sequential data assimilation scheme for soil moisture flow. Journal of Hydrology, 2021, 593, 125865.	5.4	7
108	MMA: A Computer Code for Multimodel Analysis. Ground Water, 2010, 48, 9-12.	1.3	6

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109	Global sensitivity analysis for identifying important parameters of nitrogen nitrification and denitrification under model uncertainty and scenario uncertainty. Journal of Hydrology, 2018, 561, 884-895.	5.4	6
110	Relative model score: a scoring rule for evaluating ensemble simulations with application to microbial soil respiration modeling. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2809-2819.	4.0	6
111	Making Steppingstones out of Stumbling Blocks: A Bayesian Model Evidence Estimator with Application to Groundwater Transport Model Selection. Water (Switzerland), 2019, 11, 1579.	2.7	6
112	Strong convergence of the partially truncated Eulerâ€“Maruyama scheme for a stochastic age-structured SIR epidemic model. Applied Mathematics and Computation, 2019, 362, 124519.	2.2	6
113	A new quasi-3-D model with a dual iterative coupling scheme for simulating unsaturated-saturated water flow and solute transport at a regional scale. Journal of Hydrology, 2021, 602, 126780.	5.4	6
114	A theta-scheme approximation of basic reproduction number for an age-structured epidemic system in a finite horizon. Mathematical Biosciences and Engineering, 2019, 16, 4107-4121.	1.9	6
115	Investigating the ability of multiple reanalysis datasets to simulate snow depth variability over mainland China from 1981 to 2018. Journal of Climate, 2021, , 1-48.	3.2	6
116	Regional soil salinity spatiotemporal dynamics and improved temporal stability analysis in arid agricultural areas. Journal of Soils and Sediments, 2022, 22, 272-292.	3.0	6
117	Development and application of a new package for MODFLOW-LGR-MT3D for simulating regional groundwater and salt dynamics with subsurface drainage systems. Agricultural Water Management, 2022, 260, 107330.	5.6	6
118	A Geologically Based Markov Chain Model for Simulating Tritium Transport With Uncertain Conditions in a Nuclear-Stimulated Natural Gas Reservoir. SPE Reservoir Evaluation and Engineering, 2009, 12, 974-984.	1.8	5
119	Bayesian inference and predictive performance of soil respiration models in the presence of model discrepancy. Geoscientific Model Development, 2019, 12, 2009-2032.	3.6	5
120	A minimal model for predicting ventilation rates of subterranean caves. Journal of Cave and Karst Studies, 2019, , 264-275.	0.6	5
121	Finite-time stability and optimal impulsive control for age-structured HIV model with time-varying delay and LÃ©vy noise. Nonlinear Dynamics, 2021, 106, 3669-3696.	5.2	5
122	Visualization of Aqueous Geochemical Data Using Python and <scp>WQChartPy</scp>. Ground Water, 2022, 60, 555-564.	1.3	5
123	Stability in distribution for a stochastic Alzheimerâ€™s disease model with reaction diffusion. Nonlinear Dynamics, 2022, 108, 4243-4260.	5.2	5
124	A Model for Simulating Barrier Island Geomorphologic Responses to Future Storm and Sea-Level Rise Impacts. Journal of Coastal Research, 2015, 315, 1091-1102.	0.3	4
125	Regional Quasi-Three-Dimensional Unsaturated-Saturated Water Flow Model Based on a Vertical-Horizontal Splitting Concept. Water (Switzerland), 2016, 8, 195.	2.7	4
126	A New Solution for Confinedâ€“Unconfined Flow Toward a Fully Penetrating Well in a Confined Aquifer. Ground Water, 2018, 56, 959-968.	1.3	4

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127	Quantitative Estimation of Soil-Ground Water Storage Utilization during the Crop Growing Season in Arid Regions with Shallow Water Table Depth. Water (Switzerland), 2020, 12, 3351.	2.7	4
128	Using Î´18 O and Î´2 H to Detect Hydraulic Connection Between a Sinkhole Lake and a Firstâ€Magnitude Spring. Ground Water, 2021, 59, 856-865.	1.3	4
129	Study on the Exploitation Scheme of Groundwater under Well-Canal Conjunctive Irrigation in Seasonally Freezing-Thawing Agricultural Areas. Water (Switzerland), 2021, 13, 1384.	2.7	4
130	An Interactively Corrected Smoothed Particle Hydrodynamics (ICâ€SPH) for Simulating Solute Transport in a Nonuniform Velocity Field. Water Resources Research, 2022, 58, .	4.2	4
131	A New ArcGIS-Based Software of Uncertainty Analysis for Nitrate Load Estimation. Ground Water, 2014, 52, 649-650.	1.3	3
132	Numerical Simulation and Sensitivity Analysis for Nitrogen Dynamics Under Sewage Water Irrigation with Organic Carbon. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	3
133	Hierarchical sensitivity analysis for simulating barrier island geomorphologic responses to future storms and sea-level rise. Theoretical and Applied Climatology, 2019, 136, 1495-1511.	2.8	3
134	Amount of Escape Estimation Based on Bayesian and MCMC Approaches for RNA Interference. Molecular Therapy - Nucleic Acids, 2019, 18, 893-902.	5.1	3
135	Assessing parametric and nitrogen fertilizer input uncertainties in the ORYZA_V3 model predictions. Agronomy Journal, 2021, 113, 4965-4981.	1.8	3
136	Taylor approximation of the solution of age-dependent stochastic delay population equations with Ornstein-Uhlenbeck process and Poisson jumps. Mathematical Biosciences and Engineering, 2020, 17, 2650-2675.	1.9	3
137	Approximation of invariant measure for a stochastic population model with Markov chain and diffusion in a polluted environment. Mathematical Biosciences and Engineering, 2020, 17, 6702-6719.	1.9	3
138	Prescreening-Based Subset Selection for Improving Predictions of Earth System Models With Application to Regional Prediction of Red Tide. Frontiers in Earth Science, 2022, 10, 1-19.	1.8	3
139	A new approach for estimating spatial-temporal phreatic evapotranspiration at a regional scale using NDVI and water table depth measurements. Agricultural Water Management, 2022, 264, 107500.	5.6	3
140	Process Interactions Can Change Process Ranking in a Coupled Complex System Under Process Model and Parametric Uncertainty. Water Resources Research, 2022, 58, .	4.2	3
141	A new multi-model absolute difference-based sensitivity (MMADS) analysis method to screen non-influential processes under process model and parametric uncertainty. Journal of Hydrology, 2022, 608, 127609.	5.4	3
142	Earth system models for regional environmental management of red tide: Prospects and limitations of current generation models and next generation development. Environmental Earth Sciences, 2022, 81, .	2.7	3
143	uWATERâ€PA: Ubiquitous WebGIS Analysis Toolkit for Extensive Resourcesâ€"Pumping Assessment. Ground Water, 2011, 49, 776-780.	1.3	2
144	ASYMPTOTIC BEHAVIOUR OF A CLASS OF RESOURCE COMPETITION BIOLOGY SPECIES SYSTEM BY THE FRACTIONAL BROWNIAN MOTION. ANZIAM Journal, 2017, 58, 491-499.	0.2	2

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145	Effects of Local Transverse Dispersion on Macro-scale Coefficients of Decaying Solute Transport in a Stratified Formation. Transport in Porous Media, 2019, 129, 53-74.	2.6	2
146	Object-oriented design for parallel processing of massive remote sensing data. , 2012, , .		1
147	Engineered Injection and Extraction for Remediation of Uranium-Contaminated Groundwater. , 2017, , .		1
148	Modeling and Analytics to Support Emerging International Innovation Partnerships. IEEE Engineering Management Review, 2020, 48, 54-64.	1.3	1
149	Traveling-Wave Convection with Periodic Source Defects in Binary Fluid Mixtures with Strong Soret Effect. Entropy, 2020, 22, 283.	2.2	1
150	Sustainability of Groundwater. , 2021, , .		1
151	Hierarchical sensitivity analysis for a large-scale process-based hydrological model applied to an Amazonian watershed. Hydrology and Earth System Sciences, 2020, 24, 4971-4996.	4.9	1
152	Bifurcation Analysis and Finite-Time Contraction Stability of an Alzheimer Disease Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	1.7	1
153	Regularized Artificial Neural Network Training for Biased Data of Soil Hydraulic Parameters. Soil Science, 2011, 176, 567-575.	0.9	0
154	An efficient surrogate modeling approach in Bayesian uncertainty analysis. , 2013, , .		0
155	Simulation of Nitrogen Transport in a Surficial Aquifer and Estimation of Nitrogen Load from Septic Systems in the Indian River Lagoon Area, Florida. , 2015, , .		0
156	Evaluating Two Sparse Grid Surrogates for Bayesian Uncertainty Quantification. , 2015, , .		0
157	Exploring the Impacts of Interpolation Methods on Groundwater Monitoring Optimization. , 2016, , .		0
158	Mean-square dissipativity of numerical methods for a class of resource-competition models with fractional Brownian motion. Systems Science and Control Engineering, 2017, 5, 268-277.	3.1	0
159	Convergence and asymptotic stability of an explicit numerical method for non-autonomous stochastic differential equations. Journal of Difference Equations and Applications, 2020, 26, 1538-1563.	1.1	0
160	A periodic averaging method for impulsive stochastic ageâ€structured population model in a polluted environment. Mathematical Methods in the Applied Sciences, 0, , .	2.3	0