

# 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	Finite-time stability and optimal control of a stochastic reaction-diffusion model for Alzheimer's disease with impulse and time-varying delay. <i>Applied Mathematical Modelling</i> , 2022, 102, 511-539.	4.2	12
2	Regional soil salinity spatiotemporal dynamics and improved temporal stability analysis in arid agricultural areas. <i>Journal of Soils and Sediments</i> , 2022, 22, 272-292.	3.0	6
3	Development and application of a new package for MODFLOW-LGR-MT3D for simulating regional groundwater and salt dynamics with subsurface drainage systems. <i>Agricultural Water Management</i> , 2022, 260, 107330.	5.6	6
4	Evaluation of effects of limited irrigation on regional-scale water movement and salt accumulation in arid agricultural areas. <i>Agricultural Water Management</i> , 2022, 262, 107398.	5.6	12
5	Prescreening-Based Subset Selection for Improving Predictions of Earth System Models With Application to Regional Prediction of Red Tide. <i>Frontiers in Earth Science</i> , 2022, 10, 1-19.	1.8	3
6	A new approach for estimating spatial-temporal phreatic evapotranspiration at a regional scale using NDVI and water table depth measurements. <i>Agricultural Water Management</i> , 2022, 264, 107500.	5.6	3
7	Evaluation and optimization of the water diversion system of ecohydrological restoration megaproject of Tarim River, China, through wavelet analysis and a neural network. <i>Journal of Hydrology</i> , 2022, 608, 127586.	5.4	19
8	Visualization of Aqueous Geochemical Data Using Python and <code>WQChartPy</code> . <i>Ground Water</i> , 2022, 60, 555-564.	1.3	5
9	Process Interactions Can Change Process Ranking in a Coupled Complex System Under Process Model and Parametric Uncertainty. <i>Water Resources Research</i> , 2022, 58, .	4.2	3
10	Bifurcation Analysis and Finite-Time Contraction Stability of an Alzheimer Disease Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	1.7	1
11	Stability in distribution for a stochastic Alzheimer's disease model with reaction diffusion. <i>Nonlinear Dynamics</i> , 2022, 108, 4243-4260.	5.2	5
12	A new multi-model absolute difference-based sensitivity (MMADS) analysis method to screen non-influential processes under process model and parametric uncertainty. <i>Journal of Hydrology</i> , 2022, 608, 127609.	5.4	3
13	Earth system models for regional environmental management of red tide: Prospects and limitations of current generation models and next generation development. <i>Environmental Earth Sciences</i> , 2022, 81, .	2.7	3
14	An Interactively Corrected Smoothed Particle Hydrodynamics (ICSPH) for Simulating Solute Transport in a Nonuniform Velocity Field. <i>Water Resources Research</i> , 2022, 58, .	4.2	4
15	GW-PINN: A deep learning algorithm for solving groundwater flow equations. <i>Advances in Water Resources</i> , 2022, 165, 104243.	3.8	10
16	Experiment and numerical simulation for designing layout parameters of subsurface drainage pipes in arid agricultural areas. <i>Agricultural Water Management</i> , 2021, 243, 106455.	5.6	31
17	Multi-hypothesis comparison of Farquhar and Collatz photosynthesis models reveals the unexpected influence of empirical assumptions at leaf and global scales. <i>Global Change Biology</i> , 2021, 27, 804-822.	9.5	22
18	A nonparametric sequential data assimilation scheme for soil moisture flow. <i>Journal of Hydrology</i> , 2021, 593, 125865.	5.4	7

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19	Sustainability of Groundwater. , 2021, , .		1
20	Using $\delta^{18}O$ and $\delta^2H$ to Detect Hydraulic Connection Between a Sinkhole Lake and a First-Magnitude Spring. Ground Water, 2021, 59, 856-865.	1.3	4
21	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
22	Stability in distribution for age-structured HIV model with delay and driven by Ornstein-Uhlenbeck process. Studies in Applied Mathematics, 2021, 147, 792-815.	2.4	9
23	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
24	Global sensitivity analysis for a prediction model of soil solute transfer into surface runoff. Journal of Hydrology, 2021, 599, 126342.	5.4	8
25	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
26	Assessing parametric and nitrogen fertilizer input uncertainties in the ORYZA_V3 model predictions. Agronomy Journal, 2021, 113, 4965-4981.	1.8	3
27	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
28	Finite-time stability and optimal impulsive control for age-structured HIV model with time-varying delay and Lévy noise. Nonlinear Dynamics, 2021, 106, 3669-3696.	5.2	5
29	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
30	Machine Learning Methods for Water Table Depth Prediction in Seasonal Freezing-Thawing Areas. Ground Water, 2020, 58, 419-431.	1.3	9
31	Evaluating two multi-model simulation optimization approaches for managing groundwater contaminant plumes. Journal of Hydrology, 2020, 590, 125427.	5.4	8
32	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
33	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
34	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
35	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
36	Modeling and Analytics to Support Emerging International Innovation Partnerships. IEEE Engineering Management Review, 2020, 48, 54-64.	1.3	1

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37	Evaluation of upward flow of groundwater to freezing soils and rational per-freezing water table depth in agricultural areas. <i>Journal of Hydrology</i> , 2020, 585, 124825.	5.4	22
38	Traveling-Wave Convection with Periodic Source Defects in Binary Fluid Mixtures with Strong Soret Effect. <i>Entropy</i> , 2020, 22, 283.	2.2	1
39	Stationary distribution of a stochastic Alzheimer's disease model. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9706-9718.	2.3	10
40	Numerical approximation of a stochastic age-structured population model in a polluted environment with Markovian switching. <i>Numerical Methods for Partial Differential Equations</i> , 2020, 36, 1460-1491.	3.6	9
41	Using cluster analysis for understanding spatial and temporal patterns and controlling factors of groundwater geochemistry in a regional aquifer. <i>Journal of Hydrology</i> , 2020, 583, 124594.	5.4	47
42	Groundwater sustainability: a review of the interactions between science and policy. <i>Environmental Research Letters</i> , 2020, 15, 093004.	5.2	85
43	Taylor approximation of the solution of age-dependent stochastic delay population equations with Ornstein-Uhlenbeck process and Poisson jumps. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 2650-2675.	1.9	3
44	Convergence and asymptotic stability of an explicit numerical method for non-autonomous stochastic differential equations. <i>Journal of Difference Equations and Applications</i> , 2020, 26, 1538-1563.	1.1	0
45	Approximation of invariant measure for a stochastic population model with Markov chain and diffusion in a polluted environment. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 6702-6719.	1.9	3
46	Hierarchical sensitivity analysis for a large-scale process-based hydrological model applied to an Amazonian watershed. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4971-4996.	4.9	1
47	Making Steppingstones out of Stumbling Blocks: A Bayesian Model Evidence Estimator with Application to Groundwater Transport Model Selection. <i>Water (Switzerland)</i> , 2019, 11, 1579.	2.7	6
48	Strong convergence of the partially truncated Euler-Maruyama scheme for a stochastic age-structured SIR epidemic model. <i>Applied Mathematics and Computation</i> , 2019, 362, 124519.	2.2	6
49	Hierarchical sensitivity analysis for simulating barrier island geomorphologic responses to future storms and sea-level rise. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1495-1511.	2.8	3
50	Bayesian performance evaluation of evapotranspiration models based on eddy covariance systems in an arid region. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2877-2895.	4.9	18
51	A dynamic data-driven method for dealing with model structural error in soil moisture data assimilation. <i>Advances in Water Resources</i> , 2019, 132, 103407.	3.8	33
52	A comprehensive quasi-3-D model for regional-scale unsaturated-saturated water flow. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3481-3502.	4.9	10
53	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.	4.2	20
54	Bayesian inference and predictive performance of soil respiration models in the presence of model discrepancy. <i>Geoscientific Model Development</i> , 2019, 12, 2009-2032.	3.6	5

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55	Effects of Local Transverse Dispersion on Macro-scale Coefficients of Decaying Solute Transport in a Stratified Formation. <i>Transport in Porous Media</i> , 2019, 129, 53-74.	2.6	2
56	Delineating Facies Spatial Distribution by Integrating Ensemble Data Assimilation and Indicator Geostatistics With Level-Set Transformation. <i>Water Resources Research</i> , 2019, 55, 2652-2671.	4.2	22
57	Using Bayesian Networks for Sensitivity Analysis of Complex Biogeochemical Models. <i>Water Resources Research</i> , 2019, 55, 3541-3555.	4.2	23
58	A Simplified Solution Using Izbash's Equation for Non-Darcian Flow in a Constant Rate Pumping Test. <i>Ground Water</i> , 2019, 57, 962-968.	1.3	11
59	Amount of Escape Estimation Based on Bayesian and MCMC Approaches for RNA Interference. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 893-902.	5.1	3
60	Development and application of long-term root zone salt balance model for predicting soil salinity in arid shallow water table area. <i>Agricultural Water Management</i> , 2019, 213, 486-498.	5.6	31
61	Ground-based evaluation of MODIS snow cover product V6 across China: Implications for the selection of NDSI threshold. <i>Science of the Total Environment</i> , 2019, 651, 2712-2726.	8.0	85
62	A theta-scheme approximation of basic reproduction number for an age-structured epidemic system in a finite horizon. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 4107-4121.	1.9	6
63	A minimal model for predicting ventilation rates of subterranean caves. <i>Journal of Cave and Karst Studies</i> , 2019, , 264-275.	0.6	5
64	An efficient soil water balance model based on hybrid numerical and statistical methods. <i>Journal of Hydrology</i> , 2018, 559, 721-735.	5.4	22
65	Daily air temperature estimation on glacier surfaces in the Tibetan Plateau using MODIS LST data. <i>Journal of Glaciology</i> , 2018, 64, 132-147.	2.2	28
66	A New Solution for Confined-Unconfined Flow Toward a Fully Penetrating Well in a Confined Aquifer. <i>Ground Water</i> , 2018, 56, 959-968.	1.3	4
67	Multivariate statistical and trend analyses of surface water quality in the central Indian River Lagoon area, Florida. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	8
68	Improved Nested Sampling and Surrogate-Enabled Comparison With Other Marginal Likelihood Estimators. <i>Water Resources Research</i> , 2018, 54, 797-826.	4.2	29
69	Developing a Long Short-Term Memory (LSTM) based model for predicting water table depth in agricultural areas. <i>Journal of Hydrology</i> , 2018, 561, 918-929.	5.4	486
70	Global sensitivity analysis for identifying important parameters of nitrogen nitrification and denitrification under model uncertainty and scenario uncertainty. <i>Journal of Hydrology</i> , 2018, 561, 884-895.	5.4	6
71	Localized failure in unsaturated soils under non-isothermal conditions. <i>Acta Geotechnica</i> , 2018, 13, 73-85.	5.7	41
72	Groundwater Quality: Analysis of Its Temporal and Spatial Variability in a Karst Aquifer. <i>Ground Water</i> , 2018, 56, 62-72.	1.3	46

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73	Investigating the effect of complexity on groundwater flow modeling uncertainty. Stochastic Environmental Research and Risk Assessment, 2018, 32, 643-659.	4.0	10
74	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
75	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
76	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
77	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
78	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
79	Impacts of prior parameter distributions on Bayesian evaluation of groundwater model complexity. Water Science and Engineering, 2018, 11, 89-100.	3.2	11
80	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
81	Heat tracer test in a riparian zone: Laboratory experiments and numerical modelling. Journal of Hydrology, 2018, 563, 560-575.	5.4	14
82	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
83	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
84	Bayesian calibration of groundwater models with input data uncertainty. Water Resources Research, 2017, 53, 3224-3245.	4.2	22
85	Quantifying model structural error: Efficient Bayesian calibration of a regional groundwater flow model using surrogates and a data-driven error model. Water Resources Research, 2017, 53, 4084-4105.	4.2	60
86	A geostatistics-informed hierarchical sensitivity analysis method for complex groundwater flow and transport modeling. Water Resources Research, 2017, 53, 4327-4343.	4.2	30
87	Strain localization in a solid-water-air system with random heterogeneity via stabilized mixed finite elements. International Journal for Numerical Methods in Engineering, 2017, 112, 1926-1950.	2.8	31
88	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
89	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
90	Development and application of a fully integrated model for unsaturated-saturated nitrogen reactive transport. Agricultural Water Management, 2017, 180, 35-49.	5.6	12

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91	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
92	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
93	A Taylor Expansion-Based Adaptive Design Strategy for Global Surrogate Modeling With Applications in Groundwater Modeling. Water Resources Research, 2017, 53, 10802-10823.	4.2	40
94	Engineered Injection and Extraction for Remediation of Uranium-Contaminated Groundwater. , 2017, , .		1
95	Regional Quasi-Three-Dimensional Unsaturated-Saturated Water Flow Model Based on a Vertical-Horizontal Splitting Concept. Water (Switzerland), 2016, 8, 195.	2.7	4
96	Practical Use of Computationally Frugal Model Analysis Methods. Ground Water, 2016, 54, 159-170.	1.3	47
97	Exponential stability of impulsive stochastic genetic regulatory networks with time-varying delays and reaction-diffusion. Advances in Difference Equations, 2016, 2016, .	3.5	10
98	Exploring the Impacts of Interpolation Methods on Groundwater Monitoring Optimization. , 2016, , .		0
99	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
100	Evaluating marginal likelihood with thermodynamic integration method and comparison with several other numerical methods. Water Resources Research, 2016, 52, 734-758.	4.2	41
101	Evaluating Groundwater Interbasin Flow Using Multiple Models and Multiple Types of Data. Ground Water, 2016, 54, 805-817.	1.3	15
102	Stabilized reduced order models for the advection-diffusion-reaction equation using operator splitting. Computers and Mathematics With Applications, 2016, 71, 2407-2420.	2.7	13
103	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
104	Evaluating two sparse grid surrogates and two adaptation criteria for groundwater Bayesian uncertainty quantification. Journal of Hydrology, 2016, 535, 120-134.	5.4	29
105	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
106	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
107	Evaluating Two Sparse Grid Surrogates for Bayesian Uncertainty Quantification. , 2015, , .		0
108	Maximum likelihood Bayesian model averaging and its predictive analysis for groundwater reactive transport models. Journal of Hydrology, 2015, 529, 1859-1873.	5.4	22



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109	A Model for Simulating Barrier Island Geomorphologic Responses to Future Storm and Sea-Level Rise Impacts. <i>Journal of Coastal Research</i> , 2015, 315, 1091-1102.	0.3	4
110	Global sensitivity analysis in hydrological modeling: Review of concepts, methods, theoretical framework, and applications. <i>Journal of Hydrology</i> , 2015, 523, 739-757.	5.4	386
111	Snow cover and runoff modelling in a high mountain catchment with scarce data: effects of temperature and precipitation parameters. <i>Hydrological Processes</i> , 2015, 29, 52-65.	2.6	64
112	Parallel Inverse Modeling and Uncertainty Quantification for Computationally Demanding Groundwater-Flow Models Using Covariance Matrix Adaptation. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	1.9	28
113	Numerical Comparison of Iterative Ensemble Kalman Filters for Unsaturated Flow Inverse Modeling. <i>Vadose Zone Journal</i> , 2014, 13, 1-12.	2.2	47
114	A New ArcGIS-Based Software of Uncertainty Analysis for Nitrate Load Estimation. <i>Ground Water</i> , 2014, 52, 649-650.	1.3	3
115	A computer program for uncertainty analysis integrating regression and Bayesian methods. <i>Environmental Modelling and Software</i> , 2014, 60, 45-56.	4.5	31
116	Assessment of parametric uncertainty for groundwater reactive transport modeling. <i>Water Resources Research</i> , 2014, 50, 4416-4439.	4.2	55
117	Assessing five evolving microbial enzyme models against field measurements from a semiarid savannah-What are the mechanisms of soil respiration pulses?. <i>Geophysical Research Letters</i> , 2014, 41, 6428-6434.	4.0	42
118	Estimation of nitrate load from septic systems to surface water bodies using an ArcGIS-based software. <i>Environmental Earth Sciences</i> , 2013, 70, 1911-1926.	2.7	16
119	Upscaling retardation factor in hierarchical porous media with multimodal reactive mineral facies. <i>Chemosphere</i> , 2013, 91, 248-257.	8.2	36
120	A generalized Ross method for two- and three-dimensional variably saturated flow. <i>Advances in Water Resources</i> , 2013, 54, 67-77.	3.8	35
121	Support of sustainable management of nitrogen contamination due to septic systems using numerical modeling methods. <i>Environment Systems and Decisions</i> , 2013, 33, 237-250.	3.4	8
122	ArcNLET: A GIS-based software to simulate groundwater nitrate load from septic systems to surface water bodies. <i>Computers and Geosciences</i> , 2013, 52, 108-116.	4.2	29
123	An adaptive sparse-grid high-order stochastic collocation method for Bayesian inference in groundwater reactive transport modeling. <i>Water Resources Research</i> , 2013, 49, 6871-6892.	4.2	72
124	Effects of error covariance structure on estimation of model averaging weights and predictive performance. <i>Water Resources Research</i> , 2013, 49, 6029-6047.	4.2	40
125	An efficient surrogate modeling approach in Bayesian uncertainty analysis. , 2013, , .		0
126	Comparing Nonlinear Regression and Markov Chain Monte Carlo Methods for Assessment of Prediction Uncertainty in Vadose Zone Modeling. <i>Vadose Zone Journal</i> , 2012, 11, vzt2011.0147.	2.2	18



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127	Bayesian analysis of data-worth considering model and parameter uncertainties. <i>Advances in Water Resources</i> , 2012, 36, 75-85.	3.8	113
128	Multimodel Bayesian analysis of data-worth applied to unsaturated fractured tuffs. <i>Advances in Water Resources</i> , 2012, 35, 69-82.	3.8	31
129	Towards a comprehensive assessment of model structural adequacy. <i>Water Resources Research</i> , 2012, 48, .	4.2	317
130	Analysis of regression confidence intervals and Bayesian credible intervals for uncertainty quantification. <i>Water Resources Research</i> , 2012, 48, .	4.2	45
131	A fully coupled numerical modeling for regional unsaturated-saturated water flow. <i>Journal of Hydrology</i> , 2012, 475, 188-203.	5.4	52
132	Object-oriented design for parallel processing of massive remote sensing data. , 2012, , .		1
133	Identification of sorption processes and parameters for radionuclide transport in fractured rock. <i>Journal of Hydrology</i> , 2012, 414-415, 220-230.	5.4	46
134	Regularized Artificial Neural Network Training for Biased Data of Soil Hydraulic Parameters. <i>Soil Science</i> , 2011, 176, 567-575.	0.9	0
135	uWATER: Ubiquitous WebGIS Analysis Toolkit for Extensive Resources Pumping Assessment. <i>Ground Water</i> , 2011, 49, 776-780.	1.3	2
136	Sensitivity analysis of unsaturated flow and contaminant transport with correlated parameters. <i>Journal of Hydrology</i> , 2011, 397, 238-249.	5.4	40
137	Dependence of Bayesian Model Selection Criteria and Fisher Information Matrix on Sample Size. <i>Mathematical Geosciences</i> , 2011, 43, 971-993.	2.4	23
138	Quantification of model uncertainty in environmental modeling. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 807-808.	4.0	10
139	Incorporation of conceptual and parametric uncertainty into radionuclide flux estimates from a fractured granite rock mass. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 899-915.	4.0	21
140	Fracture-Flow-Enhanced Matrix Diffusion in Solute Transport Through Fractured Porous Media. <i>Transport in Porous Media</i> , 2010, 81, 21-34.	2.6	32
141	A Model Averaging Method for Assessing Groundwater Conceptual Model Uncertainty. <i>Ground Water</i> , 2010, 48, 716-728.	1.3	111
142	MMA: A Computer Code for Multimodel Analysis. <i>Ground Water</i> , 2010, 48, 9-12.	1.3	6
143	Upscaling of reactive mass transport in fractured rocks with multimodal reactive mineral facies. <i>Water Resources Research</i> , 2010, 46, .	4.2	40
144	Comment on "Inverse groundwater modeling for hydraulic conductivity estimation using Bayesian model averaging and variance window" by Frank T. Tsai and Xiaobao Li. <i>Water Resources Research</i> , 2010, 46, .	4.2	27

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145	Incorporating layer- and local-scale heterogeneities in numerical simulation of unsaturated flow and tracer transport. <i>Journal of Contaminant Hydrology</i> , 2009, 103, 194-205.	3.3	12
146	Using data assimilation method to calibrate a heterogeneous conductivity field and improve solute transport prediction with an unknown contamination source. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 1155-1167.	4.0	43
147	Quantification of uncertainty in pedotransfer function-based parameter estimation for unsaturated flow modeling. <i>Water Resources Research</i> , 2009, 45, .	4.2	37
148	A Geologically Based Markov Chain Model for Simulating Tritium Transport With Uncertain Conditions in a Nuclear-Stimulated Natural Gas Reservoir. <i>SPE Reservoir Evaluation and Engineering</i> , 2009, 12, 974-984.	1.8	5
149	Numerical Evaluation of Uncertainty in Water Retention Parameters and Effect on Predictive Uncertainty. <i>Vadose Zone Journal</i> , 2009, 8, 158-166.	2.2	20
150	Expert elicitation of recharge model probabilities for the Death Valley regional flow system. <i>Journal of Hydrology</i> , 2008, 354, 102-115.	5.4	55
151	On model selection criteria in multimodel analysis. <i>Water Resources Research</i> , 2008, 44, .	4.2	203
152	A Markov chain model for characterizing medium heterogeneity and sediment layering structure. <i>Water Resources Research</i> , 2008, 44, .	4.2	38
153	Simulation of field injection experiments in heterogeneous unsaturated media using cokriging and artificial neural network. <i>Water Resources Research</i> , 2007, 43, .	4.2	26
154	Assessment of radionuclide transport uncertainty in the unsaturated zone of Yucca Mountain. <i>Advances in Water Resources</i> , 2007, 30, 118-134.	3.8	19
155	Stochastic analysis of moisture plume dynamics of a field injection experiment. <i>Water Resources Research</i> , 2005, 41, .	4.2	45
156	Estimation of effective unsaturated hydraulic conductivity tensor using spatial moments of observed moisture plume. <i>Water Resources Research</i> , 2005, 41, .	4.2	55
157	Sensitivity analysis and assessment of prior model probabilities in MLBMA with application to unsaturated fractured tuff. <i>Water Resources Research</i> , 2005, 41, .	4.2	56
158	Nonlocal and localized analyses of conditional mean transient flow in bounded, randomly heterogeneous porous media. <i>Water Resources Research</i> , 2004, 40, .	4.2	43
159	Maximum likelihood Bayesian averaging of spatial variability models in unsaturated fractured tuff. <i>Water Resources Research</i> , 2004, 40, .	4.2	172
160	A periodic averaging method for impulsive stochastic age-structured population model in a polluted environment. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	0