

Laosheng Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/740562/publications.pdf>

Version: 2024-02-01

14
papers

602
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	SALEACH: A new web-based soil salinity leaching model for improved irrigation management. <i>Agricultural Water Management</i> , 2021, 252, 106905.	5.6	10
2	Surrogate-Based Bayesian Inverse Modeling of the Hydrological System: An Adaptive Approach Considering Surrogate Approximation Error. <i>Water Resources Research</i> , 2020, 56, e2019WR025721.	4.2	25
3	Using Deep Learning to Improve Ensemble Smoother: Applications to Subsurface Characterization. <i>Water Resources Research</i> , 2020, 56, e2020WR027399.	4.2	24
4	Adaptive multi-fidelity probabilistic collocation-based Kalman filter for subsurface flow data assimilation: numerical modeling and real-world experiment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 1135-1146.	4.0	5
5	Improving Simulation Efficiency of MCMC for Inverse Modeling of Hydrologic Systems With a Kalman-Inspired Proposal Distribution. <i>Water Resources Research</i> , 2020, 56, e2019WR025474.	4.2	33
6	Assessing salinity leaching efficiency in three soils by the HYDRUS-1D and -2D simulations. <i>Soil and Tillage Research</i> , 2019, 194, 104342.	5.6	50
7	Adaptive Multifidelity Data Assimilation for Nonlinear Subsurface Flow Problems. <i>Water Resources Research</i> , 2019, 55, 203-217.	4.2	23
8	An Iterative Local Updating Ensemble Smoother for Estimation and Uncertainty Assessment of Hydrologic Model Parameters With Multimodal Distributions. <i>Water Resources Research</i> , 2018, 54, 1716-1733.	4.2	50
9	An adaptive Gaussian process-based iterative ensemble smoother for data assimilation. <i>Advances in Water Resources</i> , 2018, 115, 125-135.	3.8	46
10	Inverse Modeling of Hydrologic Systems with Adaptive Multifidelity Markov Chain Monte Carlo Simulations. <i>Water Resources Research</i> , 2018, 54, 4867-4886.	4.2	43
11	Efficient evaluation of small failure probability in high-dimensional groundwater contaminant transport modeling via a two-stage Monte Carlo method. <i>Water Resources Research</i> , 2017, 53, 1948-1962.	4.2	24
12	An adaptive Gaussian process-based method for efficient Bayesian experimental design in groundwater contaminant source identification problems. <i>Water Resources Research</i> , 2016, 52, 5971-5984.	4.2	96
13	Efficient Bayesian experimental design for contaminant source identification. <i>Water Resources Research</i> , 2015, 51, 576-598.	4.2	92
14	A sparse grid based Bayesian method for contaminant source identification. <i>Advances in Water Resources</i> , 2012, 37, 1-9.	3.8	81