Weixuan Li

List of Publications by Year
in descending order

11	355	1040056	1281871
papers	citations	9	11
		h-index	g-index

11	11	11	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Iterative Local Updating Ensemble Smoother for Estimation and Uncertainty Assessment of Hydrologic Model Parameters With Multimodal Distributions. Water Resources Research, 2018, 54, 1716-1733.	4.2	50
2	Ensemble-based uncertainty quantification for coordination and control of thermostatically controlled loads. Journal of Control and Decision, 2018, 5, 148-168.	1.6	1
3	Sliced-Inverse-Regression--Aided Rotated Compressive Sensing Method for Uncertainty Quantification. SIAM-ASA Journal on Uncertainty Quantification, 2018, 6, 1532-1554.	2.0	4
4	Efficient evaluation of small failure probability in highâ€dimensional groundwater contaminant transport modeling via a twoâ€stage <scp>M</scp>onte <scp>C</scp>arlo method. Water Resources Research, 2017, 53, 1948-1962.	4.2	24
5	Data assimilation for unsaturated flow models with restart adaptive probabilistic collocation based Kalman filter. Advances in Water Resources, 2016, 92, 258-270.	3.8	21
6	Sequential ensemble-based optimal design for parameter estimation. Water Resources Research, 2016, 52, 7577-7592.	4.2	14
7	An adaptive Gaussian processâ€based method for efficient Bayesian experimental design in groundwater contaminant source identification problems. Water Resources Research, 2016, 52, 5971-5984.	4.2	96
8	Inverse regression-based uncertainty quantification algorithms for high-dimensional models: Theory and practice. Journal of Computational Physics, 2016, 321, 259-278.	3.8	40
9	An adaptive importance sampling algorithm for Bayesian inversion with multimodal distributions. Journal of Computational Physics, 2015, 294, 173-190.	3.8	20
10	An adaptive ANOVA-based PCKF for high-dimensional nonlinear inverse modeling. Journal of Computational Physics, 2014, 258, 752-772.	3.8	25
11	Stochastic analysis of unsaturated flow with probabilistic collocation method. Water Resources Research, 2009, 45, .	4.2	60