Chenzhao Li

List of Publications by Year
in descending order

18 papers	571 citations	1307594 7 h-index	1474206 9 g-index
18 all docs	18 docs citations	18 times ranked	458 citing authors

#	Article	IF	Citations
1	Dynamic Bayesian Network for Aircraft Wing Health Monitoring Digital Twin. AIAA Journal, 2017, 55, 930-941.	2.6	254
2	An efficient modularized sample-based method to estimate the first-order Sobol×³ index. Reliability Engineering and System Safety, 2016, 153, 110-121.	8.9	73
3	Role of calibration, validation, and relevance in multi-level uncertainty integration. Reliability Engineering and System Safety, 2016, 148, 32-43.	8.9	60
4	A non-parametric method to determine basic probability assignment for classification problems. Applied Intelligence, 2014, 41, 681-693.	5.3	37
5	Relative contributions of aleatory and epistemic uncertainty sources in time series prediction. International Journal of Fatigue, 2016, 82, 474-486.	5.7	36
6	A dynamic Bayesian network approach for digital twin. , 2017, , .		32
7	Efficient approximate inference in Bayesian networks with continuous variables. Reliability Engineering and System Safety, 2018, 169, 269-280.	8.9	21
8	Uncertainty Quantification Using Multi-Level Calibration and Validation Data. , 2013, , .		11
9	Uncertainty Quantification and Output Prediction in Multi-level Problems. , 2014, , .		11
10	Global Sensitivity Analysis for System Response Prediction Using Auxiliary Variable Method. , 2015, , .		11
11	Optimal Selection of Calibration and Validation Test Samples Under Uncertainty. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 391-401.	0.5	8
12	Robust Test Resource Allocation using Global Sensitivity Analysis. , 2016, , .		8
13	Sensitivity Analysis of a Bayesian Network. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, 2018, 4, .	1.1	6
14	Global Sensitivity Analysis for a Bayesian Network. , 2016, , .		2
15	Robust Resource Allocation for Calibration and Validation Tests. Journal of Verification, Validation and Uncertainty Quantification, 2017, 2, .	0.4	1
16	Multilevel Uncertainty Integration. , 2016, , 1-47.		0
17	Variance Reduction Estimation in Bayesian Inference. , 2017, , .		0
18	Multilevel Uncertainty Integration. , 2017, , 429-475.		0