Wang Jian

List of Publications by Year
in descending order

14 papers	**647** citations	1163117 **8** h-index	1058476 **14** g-index
14 all docs	**14** docs citations	**14** times ranked	**378** citing authors

#	Article	IF	Citations
1	A Multilevel Simulation Method for Time-Variant Reliability Analysis. Sustainability, 2021, 13, 3646.	3.2	2
2	An Importance Sampling Framework for Time-Variant Reliability Analysis Involving Stochastic Processes. Sustainability, 2021, 13, 7776.	3.2	1
3	An efficient and robust Kriging-based method for system reliability analysis. Reliability Engineering and System Safety, 2021, 216, 107953.	8.9	29
4	A Multilevel Monte Carlo Method for Performing Time-Variant Reliability Analysis. IEEE Access, 2021, 9, 31773-31781.	4.2	9
5	An efficient and robust adaptive Kriging for structural reliability analysis. Structural and Multidisciplinary Optimization, 2020, 62, 3189-3204.	3.5	13
6	Kriging Model for Time-Dependent Reliability: Accuracy Measure and Efficient Time-Dependent Reliability Analysis Method. IEEE Access, 2020, 8, 172362-172378.	4.2	9
7	An Efficient and Time-Saving Reliability Analysis Strategy for Complex Mechanical Structure. IEEE Access, 2020, 8, 171281-171291.	4.2	1
8	An Efficient Adaptive Reliability Analysis Method Based on Kriging and Weighted Average Misclassification Rate Improvement. IEEE Access, 2019, 7, 94954-94965.	4.2	7
9	An innovative DoE strategy of the kriging model for structural reliability analysis. Structural and Multidisciplinary Optimization, 2019, 60, 2493-2509.	3.5	6
10	A Kriging-Based Active Learning Algorithm for Mechanical Reliability Analysis with Time-Consuming and Nonlinear Response. Mathematical Problems in Engineering, 2019, 2019, 1-14.	1.1	5
11	The stepwise accuracy-improvement strategy based on the Kriging model for structural reliability analysis. Structural and Multidisciplinary Optimization, 2018, 58, 595-612.	3.5	21
12	Two accuracy measures of the Kriging model for structural reliability analysis. Reliability Engineering and System Safety, 2017, 167, 494-505.	8.9	88
13	LIF: A new Kriging based learning function and its application to structural reliability analysis. Reliability Engineering and System Safety, 2017, 157, 152-165.	8.9	293
14	Reliability sensitivity method by line sampling. Structural Safety, 2008, 30, 517-532.	5.3	163