

Jianguo Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

132
citations

1478505

6
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	A new structural reliability index based on uncertainty theory. Chinese Journal of Aeronautics, 2017, 30, 1451-1458.	5.3	28
2	Neural Networks Combined with Importance Sampling Techniques for Reliability Evaluation of Explosive Initiating Device. Chinese Journal of Aeronautics, 2012, 25, 208-215.	5.3	20
3	Reliability analysis of structures based on a probability-uncertainty hybrid model. Quality and Reliability Engineering International, 2019, 35, 263-279.	2.3	19
4	A Data-Driven Maintenance Framework Under Imperfect Inspections for Deteriorating Systems Using Multitask Learning-Based Status Prognostics. IEEE Access, 2021, 9, 3616-3629.	4.2	10
5	The hybrid uncertain neural network method for mechanical reliability analysis. International Journal of Aeronautical and Space Sciences, 2015, 16, 510-519.	2.0	10
6	A Bayesian- ϵ -based Reliability Estimation Approach for Corrosion Fatigue Crack Growth Utilizing the Random Walk. Quality and Reliability Engineering International, 2016, 32, 2519-2535.	2.3	8
7	Uncertain process-based reliability and maintenance modeling for systems under mutually dependent degradation and shock processes. Quality and Reliability Engineering International, 2021, 37, 3638.	2.3	6
8	Uncertainty Theory-Based Structural Reliability Analysis and Design Optimization under Epistemic Uncertainty. Applied Sciences (Switzerland), 2022, 12, 2846.	2.5	6
9	ABCLS method for high-reliability aerospace mechanism with truncated random uncertainties. Chinese Journal of Aeronautics, 2015, 28, 1066-1075.	5.3	5
10	Hybrid Reliability Analysis for Spacecraft Docking Lock with Random and Interval Uncertainty. International Journal of Aerospace Engineering, 2017, 2017, 1-9.	0.9	5
11	Safety analysis for complex system based on the finite state machine theory. , 2011, , .		3
12	A credibilistic failure indicator for modeling structural reliability design optimization. Soft Computing, 2020, 24, 2609-2615.	3.6	3
13	Research of PFMEA application based on computer aided process planning. , 2009, , .		2
14	A time-variant reliability approach for mechanical structures for non-linear behaviour. , 2012, , .		2
15	An analytic method based on plane decomposition for solving two-stage fuzzy EV programming problem. Journal of Intelligent and Fuzzy Systems, 2017, 33, 2235-2247.	1.4	2
16	Advanced reliability analysis method for mechanisms based on uncertain measure. Journal of Intelligent and Fuzzy Systems, 2020, 39, 1045-1059.	1.4	2
17	Design of mechatronic-hydraulic product dynamic and multi-state reliability simulation platform. , 2013, , .		1
18	The reliability simulation and optimization analysis for pusherchain transmission. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	The motion reliability simulation and analysis of main rotor head of helicopter rotor system. , 2009, , .		0
20	A non-probabilistic reliability analysis on uncertainties systems. , 2012, , .		0
21	Time-variant reliability analysis of mechatronic product based on PSO and Up-crossing rate approach. , 2013, , .		0
22	A time-variant reliability modeling and analysis method of multi-state complex electromechanical system. , 2015, , .		0
23	A Bayesian approach for a complex system utilizing imperfect information. , 2015, , .		0
24	Reliability modeling of complex mechanism system using GBN. , 2015, , .		0
25	Components Interaction Safety Analysis Method Based on STAMP and Formal Verification. , 2020, , .		0