

Kaiye Gao

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

320
citations

1039880

9
h-index

839398

18
g-index

29
all docs

29
docs citations

29
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	The life-course impact of smoking on hypertension, myocardial infarction and respiratory diseases. <i>Scientific Reports</i> , 2017, 7, 4330.	1.6	69
2	Jointly optimizing lot sizing and maintenance policy for a production system with two failure modes. <i>Reliability Engineering and System Safety</i> , 2020, 202, 106996.	5.1	48
3	A Review of Optimization of Microgrid Operation. <i>Energies</i> , 2021, 14, 2842.	1.6	47
4	Redundancy versus protection for a non-reparable phased-mission system subject to external impacts. <i>Reliability Engineering and System Safety</i> , 2019, 191, 106556.	5.1	31
5	Economic Design of a Linear Consecutively Connected System Considering Cost and Signal Loss. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5116-5128.	5.9	25
6	Object defence of a single object with preventive strike of random effect. <i>Reliability Engineering and System Safety</i> , 2019, 186, 209-219.	5.1	22
7	Simulated Software Testing Process and Its Optimization Considering Heterogeneous Debuggers and Release Time. <i>IEEE Access</i> , 2021, 9, 38649-38659.	2.6	13
8	Optimal allocation of multi-state elements in a sliding window system with phased missions. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2021, 235, 50-62.	0.6	11
9	Study on the Optimal Strategy of Missile Interception. <i>IEEE Access</i> , 2021, 9, 22239-22252.	2.6	10
10	Risk assessment for the integrated energy system using a hesitant fuzzy multi-criteria decision-making framework. <i>Energy Reports</i> , 2022, 8, 7892-7907.	2.5	10
11	Multi-State System Reliability Evaluation and Component Allocation Optimization Under Multi-Level Performance Sharing. <i>IEEE Access</i> , 2021, 9, 88820-88834.	2.6	9
12	Optimal interception strategy of air defence missile system considering multiple targets and phases. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2022, 236, 138-147.	0.6	5
13	Linear system design with application in wireless sensor networks. <i>Journal of Industrial Information Integration</i> , 2022, 27, 100279.	4.3	5
14	Reliability Evaluation of Multi-State Systems With Common Bus Performance Sharing Considering Performance Excess. <i>IEEE Access</i> , 2022, 10, 19174-19185.	2.6	5
15	Software Reliability Growth Model Considering First-Step and Second-Step Fault Dependency. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2019, 24, 477-479.	0.5	4
16	A recursive model of residual life prediction for human beings with health information from activities of daily living and memory. <i>Systems Science and Control Engineering</i> , 2021, 9, 529-541.	1.8	2
17	Recent Advances in the Reliability Evaluation and Optimization of Linear Multistate Consecutively-connected Systems. <i>Recent Patents on Engineering</i> , 2021, 15, 314-325.	0.3	2
18	A Model of Optimal Interval for Anti-Mosquito Campaign Based on Stochastic Process. <i>Mathematics</i> , 2022, 10, 440.	1.1	1

#	ARTICLE	IF	CITATIONS
19	A two-stage UAV routing problem with time window considering rescheduling with random delivery reliability. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 0, , 1748006X2211053.	0.6	1
20	Reliability of A Distributed Computing System Considering Task Abort. , 2019, , .		0
21	Cox Survival Model based Optimal Screening Strategy for Tuberculosis. , 2019, , .		0
22	Optimal preventive strike strategy vs. optimal attack strategy in a defense-attack game. , 2019, , .		0
23	Prediction of Software Fault Detection and Correction Processes With Time Series Analysis. , 2020, , .		0
24	Recent Researches and Technologies on Software Reliability Evaluation. Recent Patents on Engineering, 2021, 15, 92-100.	0.3	0
25	Development of Precision Medical Technology and its Current Clinical Applications. Recent Patents on Engineering, 2021, 15, .	0.3	0
26	A Model of Resource Allocation for Intercepting the Missile of Mass Destruction Considering Detection Contest. IOP Conference Series: Materials Science and Engineering, 2021, 1043, 022027.	0.3	0
27	The impact of smoking on human beings health in China. WIT Transactions on Engineering Sciences, 2014, , .	0.0	0
28	Research on Lean Management Optimization of Intelligent Storage for Emergency Materials Based on Big Data. , 2020, , .		0
29	Optimal Abort Policy of a Distributed System of Computers with Weibull Failure Time. , 2020, , .		0