

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	Optimal interception strategy of air defence missile system considering multiple targets and phases. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 138-147.	0.6	5
2	Linear system design with application in wireless sensor networks. Journal of Industrial Information Integration, 2022, 27, 100279.	4.3	5
3	Reliability Evaluation of Multi-State Systems With Common Bus Performance Sharing Considering Performance Excess. IEEE Access, 2022, 10, 19174-19185.	2.6	5
4	A Model of Optimal Interval for Anti-Mosquito Campaign Based on Stochastic Process. Mathematics, 2022, 10, 440.	1.1	1
5	Risk assessment for the integrated energy system using a hesitant fuzzy multi-criteria decision-making framework. Energy Reports, 2022, 8, 7892-7907.	2.5	10
6	Economic Design of a Linear Consecutively Connected System Considering Cost and Signal Loss. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5116-5128.	5.9	25
7	Optimal allocation of multi-state elements in a sliding window system with phased missions. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2021, 235, 50-62.	0.6	11
8	A recursive model of residual life prediction for human beings with health information from activities of daily living and memory. Systems Science and Control Engineering, 2021, 9, 529-541.	1.8	2
9	Multi-State System Reliability Evaluation and Component Allocation Optimization Under Multi-Level Performance Sharing. IEEE Access, 2021, 9, 88820-88834.	2.6	9
10	Simulated Software Testing Process and Its Optimization Considering Heterogeneous Debuggers and Release Time. IEEE Access, 2021, 9, 38649-38659.	2.6	13
11	Recent Researches and Technologies on Software Reliability Evaluation. Recent Patents on Engineering, 2021, 15, 92-100.	0.3	0
12	Recent Advances in the Reliability Evaluation and Optimization of Linear Multistate Consecutively-connected Systems. Recent Patents on Engineering, 2021, 15, 314-325.	0.3	2
13	A Review of Optimization of Microgrid Operation. Energies, 2021, 14, 2842.	1.6	47
14	Development of Precision Medical Technology and its Current Clinical Applications. Recent Patents on Engineering, 2021, 15, .	0.3	0
15	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
16	Study on the Optimal Strategy of Missile Interception. IEEE Access, 2021, 9, 22239-22252.	2.6	10
17	Prediction of Software Fault Detection and Correction Processes With Time Series Analysis. , 2020, , .		0
18	Jointly optimizing lot sizing and maintenance policy for a production system with two failure modes. Reliability Engineering and System Safety, 2020, 202, 106996.	5.1	48

#	ARTICLE	IF	CITATIONS
19	Research on Lean Management Optimization of Intelligent Storage for Emergency Materials Based on Big Data. , 2020, , .		0
20	Optimal Abort Policy of a Distributed System of Computers with Weibull Failure Time. , 2020, , .		0
21	Software Reliability Growth Model Considering First-Step and Second-Step Fault Dependency. Journal of Shanghai Jiaotong University (Science), 2019, 24, 477-479.	0.5	4
22	Redundancy versus protection for a non-reparable phased-mission system subject to external impacts. Reliability Engineering and System Safety, 2019, 191, 106556.	5.1	31
23	Object defence of a single object with preventive strike of random effect. Reliability Engineering and System Safety, 2019, 186, 209-219.	5.1	22
24	Reliability of A Distributed Computing System Considering Task Abort. , 2019, , .		0
25	Cox Survival Model based Optimal Screening Strategy for Tuberculosis. , 2019, , .		0
26	Optimal preventive strike strategy vs. optimal attack strategy in a defense-attack game. , 2019, , .		0
27	The life-course impact of smoking on hypertension, myocardial infarction and respiratory diseases. Scientific Reports, 2017, 7, 4330.	1.6	69
28	The impact of smoking on human beings health in China. WIT Transactions on Engineering Sciences, 2014, , .	0.0	0
29	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