

Xing Pan

List of Publications by Year in descending order

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45
papers

352
citations

1040056

9
h-index

888059

17
g-index

45
all docs

45
docs citations

45
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Community centered public safety resilience under public emergencies: A case study of COVID-19. Risk Analysis, 2023, 43, 114-128.	2.7	7
2	Human Decision Time in Uncertain Binary Choice. Symmetry, 2022, 14, 201.	2.2	0
3	Resilience model and recovery strategy of transportation network based on travel OD-grid analysis. Reliability Engineering and System Safety, 2022, 223, 108483.	8.9	31
4	A Quantitative Input for Evaluating Human Error of Visual Neglection: Prediction of Operator's Detection Time Spent on Perceiving Critical Visual Signal. Reliability Engineering and System Safety, 2022, , 108582.	8.9	1
5	Short-Term Traffic Flow Prediction of the Smart City Using 5G Internet of Vehicles Based on Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	8.0	20
6	Probabilistic Risk Assessment in Space Launches Using Bayesian Network with Fuzzy Method. Aerospace, 2022, 9, 311.	2.2	5
7	Uncertainty Expression and Propagation in the Risk Assessment of Uncertain Random System. IEEE Systems Journal, 2021, 15, 1604-1615.	4.6	14
8	Auditory versus visual spatial stimulus-response mappings in tracking and discrete dual task performance: implications for human-machine interface design. Ergonomics, 2021, 64, 485-501.	2.1	4
9	Research on Human Error Risk Evaluation Using Extended Bayesian Networks with Hybrid Data. Reliability Engineering and System Safety, 2021, 209, 107336.	8.9	9
10	Performance shaping factors in the human error probability modification of human reliability analysis. International Journal of Occupational Safety and Ergonomics, 2020, 26, 538-550.	1.9	15
11	An Evidence Combination Rule Based on Transferable Belief Model and Application in Reliability Assessment With Multi-Source Data. IEEE Access, 2020, 8, 69096-69104.	4.2	9
12	Risk assessment of uncertain random system's Level-1 and level-2 joint propagation of uncertainty and probability in fault tree analysis. Reliability Engineering and System Safety, 2020, 198, 106874.	8.9	34
13	Remaining Useful Life Prediction with Similarity Fusion of Multi-Parameter and Multi-Sample Based on the Vibration Signals of Diesel Generator Gearbox. Entropy, 2019, 21, 861.	2.2	3
14	Modeling the Capacitated Multi-Level Lot-Sizing Problem under Time-Varying Environments and a Fix-and-Optimize Solution Approach. Entropy, 2019, 21, 377.	2.2	2
15	The task demands-resources method: A new approach to human reliability analysis from a psychological perspective. Quality and Reliability Engineering International, 2019, 35, 1200-1218.	2.3	5
16	New model of the storage location assignment problem considering demand correlation pattern. Computers and Industrial Engineering, 2019, 129, 210-219.	6.3	41
17	Quality and Reliability Improvement Based on the Quality Function Deployment Method. , 2018, , .		1
18	Risk Scenario Generation Based on Importance Measure Analysis. Sustainability, 2018, 10, 3207.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Shortest Path Algorithm Based on Community Detection. , 2018, , .		0
20	The Uncapacitated Dynamic Single-Level Lot-Sizing Problem under a Time-Varying Environment and an Exact Solution Approach. Sustainability, 2018, 10, 3867.	3.2	0
21	Resilience of and recovery strategies for weighted networks. PLoS ONE, 2018, 13, e0203894.	2.5	14
22	Method of Spare Parts Prediction Models Evaluation Based on Grey Comprehensive Correlation Degree and Association Rules Mining: A Case Study in Aviation. Mathematical Problems in Engineering, 2018, 2018, 1-10.	1.1	7
23	A Method of Quality Improvement Based on Big Quality Warranty Data Analysis. , 2018, , .		5
24	A Review of Cognitive Models in Human Reliability Analysis. Quality and Reliability Engineering International, 2017, 33, 1299-1316.	2.3	42
25	Influence of work motivation and task difficulty on human reliability. , 2017, , .		2
26	Resilience-based optimization of recovery strategies for network systems. , 2017, , .		0
27	Relation of motivation intensity, stress levels and human performance: A human reliability experiment. , 2017, , .		3
28	Relativity modeling of work motivation and human error probability based on neural network. , 2016, , .		1
29	Area method used in the evaluation of resilience implementation approaches in system of systems. , 2016, , .		1
30	Human Reliability Analysis in carrier-based aircraft recovery procedure based on CREAM. , 2015, , .		3
31	Rapid assessment of system-of-systems(SoS) mission reliability based on Markov chains. , 2015, , .		9
32	Organizational Reliability Capability Assessment: A Case Study in China R&D Enterprise for Aviation Products. IEEE Transactions on Reliability, 2015, 64, 550-561.	4.6	6
33	A SOS reliability evaluate approach based on GERT. , 2015, , .		0
34	A review of factor modification methods in human reliability analysis. , 2014, , .		2
35	Multi-parameters uncertainty analysis of logistic support process based on GERT. Journal of Systems Engineering and Electronics, 2014, 25, 1011-1019.	2.2	8
36	Research on the project critical activity uncertainty risk assessment. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Systems Thinking: A Comparison between Chinese and Western Approaches. <i>Procedia Computer Science</i> , 2013, 16, 1027-1035.	2.0	18
38	Simulation-based automatic generation of risk scenarios. <i>Journal of Systems Engineering and Electronics</i> , 2011, 22, 437-444.	2.2	8
39	Simulation and uniform design-based automatic generation of risk scenarios. <i>Journal of Systems Engineering and Electronics</i> , 2011, 22, 1015-1022.	2.2	1
40	Study on risk scenarios of project failure based on Monte-Carlo simulation. , 2011, , .		2
41	Modeling and simulation for SoS based on the DoDAF framework. , 2011, , .		13
42	The Object-Oriented Knowledge Representation Method for Project Failure Based on FCTA. , 2010, , .		0
43	The project failure knowledge representation method based on FCTA. , 2010, , .		0
44	A fuzzy synthetic evaluation method for failure risk of aviation product R&D project. , 2010, , .		2
45	Research of organizational RMS engineering capability assessment method. , 2010, , .		1