

Tarannom Parhizkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8875887/publications.pdf>

Version: 2024-02-01

23
papers

354
citations

840776

11
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Guided simulation for dynamic probabilistic risk assessment of complex systems: Concept, method, and application. Reliability Engineering and System Safety, 2022, 217, 108047.	8.9	27
2	Data Sources and Development for Online Risk Quantification. Springer Series in Reliability Engineering, 2022, , 41-54.	0.5	0
3	Challenges of Online Dynamic Probabilistic Risk Assessment and Possible Solutions. Springer Series in Reliability Engineering, 2022, , 133-141.	0.5	0
4	Human Factor Analysis and Quantification. Springer Series in Reliability Engineering, 2022, , 75-102.	0.5	0
5	Human, Hardware, and Software Interactions in Risk Assessment. Springer Series in Reliability Engineering, 2022, , 55-74.	0.5	1
6	Dynamic Probabilistic Risk Assessment. Springer Series in Reliability Engineering, 2022, , 17-39.	0.5	1
7	Automatic generation of event sequence diagrams for guiding simulation based dynamic probabilistic risk assessment (SIMPRA) of complex systems. Reliability Engineering and System Safety, 2022, 222, 108416.	8.9	7
8	Supervised dynamic probabilistic risk assessment of complex systems, part 2: Application to risk-informed decision making, practice and results. Reliability Engineering and System Safety, 2021, 208, 107392.	8.9	8
9	Evaluation and improvement of energy consumption prediction models using principal component analysis based feature reduction. Journal of Cleaner Production, 2021, 279, 123866.	9.3	34
10	Temporal decision-making factors in risk analyses of dynamic positioning operations. Reliability Engineering and System Safety, 2021, 207, 107347.	8.9	16
11	Supervised Dynamic Probabilistic Risk Assessment of Complex Systems, Part 1: General Overview. Reliability Engineering and System Safety, 2021, 208, 107406.	8.9	8
12	Dynamic probabilistic risk assessment of decision-making in emergencies for complex systems, case study: Dynamic positioning drilling unit. Ocean Engineering, 2021, 237, 109653.	4.3	22
13	Efficient health monitoring of buildings using failure modes and effects analysis case study: Air handling unit system. Journal of Building Engineering, 2020, 29, 101113.	3.4	5
14	Data driven approach to risk management and decision support for dynamic positioning systems. Reliability Engineering and System Safety, 2020, 201, 106964.	8.9	30
15	Aging based design and operation optimization of organic rankine cycle systems. Energy Conversion and Management, 2019, 199, 111892.	9.2	8
16	Efficient performance monitoring of building central heating system using Bayesian Network method. Journal of Building Engineering, 2019, 26, 100835.	3.4	9
17	Degradation based operational optimization model to improve the productivity of energy systems, case study: Solid oxide fuel cell stacks. Energy Conversion and Management, 2018, 158, 81-91.	9.2	30
18	An Entropy Based Bayesian Network Framework for System Health Monitoring. Entropy, 2018, 20, 416.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Long-Term Degradation-Based Modeling and Optimization Framework. Advances in Computational Intelligence and Robotics Book Series, 2018, , 192-220.	0.4	5
20	Remediation of groundwater contaminated with arsenic through enhanced natural attenuation: Batch and column studies. Water Research, 2017, 122, 545-556.	11.3	20
21	Long term performance degradation analysis and optimization of anode supported solid oxide fuel cell stacks. Energy Conversion and Management, 2017, 133, 20-30.	9.2	57
22	Aging based optimal scheduling framework for power plants using equivalent operating hour approach. Applied Energy, 2017, 205, 1345-1363.	10.1	28
23	Degradation based optimization framework for long term applications of energy systems, case study: Solid oxide fuel cell stacks. Energy, 2016, 107, 172-181.	8.8	23