

Samir Khan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,136
citations

840585

11
h-index

752573

20
g-index

27
all docs

27
docs citations

27
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the application of deep learning in system health management. <i>Mechanical Systems and Signal Processing</i> , 2018, 107, 241-265.	4.4	749
2	No Fault Found events in maintenance engineering Part 1: Current trends, implications and organizational practices. <i>Reliability Engineering and System Safety</i> , 2014, 123, 183-195.	5.1	59
3	On the requirements of digital twin-driven autonomous maintenance. <i>Annual Reviews in Control</i> , 2020, 50, 13-28.	4.4	52
4	No Fault Found events in maintenance engineering Part 2: Root causes, technical developments and future research. <i>Reliability Engineering and System Safety</i> , 2014, 123, 196-208.	5.1	41
5	Unsupervised anomaly detection in unmanned aerial vehicles. <i>Applied Soft Computing Journal</i> , 2019, 83, 105650.	4.1	39
6	Perspectives on trading cost and availability for corrective maintenance at the equipment type level. <i>Reliability Engineering and System Safety</i> , 2017, 168, 53-69.	5.1	38
7	An effective uncertainty based framework for sustainable industrial product-service system transformation. <i>Journal of Cleaner Production</i> , 2019, 208, 160-177.	4.6	22
8	A framework to estimate the cost of No-Fault Found events. <i>International Journal of Production Economics</i> , 2016, 173, 207-222.	5.1	21
9	Intermittent Fault Finding Strategies. <i>Procedia CIRP</i> , 2013, 11, 74-79.	1.0	20
10	Study on Intermittent Faults and Electrical Continuity. <i>Procedia CIRP</i> , 2014, 22, 71-75.	1.0	16
11	Non-uniform sampling strategies for digital control. <i>International Journal of Systems Science</i> , 2013, 44, 2234-2254.	3.7	15
12	Olfactory-Based Augmented Reality Support for Industrial Maintenance. <i>IEEE Access</i> , 2020, 8, 30306-30321.	2.6	12
13	Robustness of AI-based prognostic and systems health management. <i>Annual Reviews in Control</i> , 2021, 51, 130-152.	4.4	11
14	Zero-maintenance of electronic systems: Perspectives, challenges, and opportunities. <i>Microelectronics Reliability</i> , 2018, 85, 122-139.	0.9	10
15	Research study from industry-university collaboration on "No Fault Found" events. <i>Journal of Quality in Maintenance Engineering</i> , 2015, 21, 186-206.	1.0	7
16	Evaluating diagnostic failures during system design. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2018, 21, 97-109.	2.3	6
17	Maintenance Requirements in Aerospace Systems. <i>Procedia CIRP</i> , 2015, 38, 100-105.	1.0	4
18	Intermittent fault detection on an experimental aircraft fuel rig: Reduce the No Fault Found rate. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	The Performance of Observer-based Residuals for Detecting Intermittent Faults: The Limitations. <i>Procedia CIRP</i> , 2014, 22, 65-70.	1.0	2
20	A novel approach for No Fault Found decision-making. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2017, 17, 18-31.	2.3	2
21	Studying the impact of intermittent variations using sensitivity analysis. <i>International Journal of Condition Monitoring</i> , 2015, 5, 6-11.	0.1	1
22	Modelling the Positional and Orientation Sensitivity of Proximity Sensors for Industrial IoT. , 2016, , .		0
23	Stuck-at Fault Resilience using Redundant Transistor Logic Gates. , 2019, , .		0
24	Editorial: Machine learning for safety-critical applications in engineering. <i>Machine Learning</i> , 2020, 109, 1101-1102.	3.4	0
25	No Fault Found Problems in Asset Management. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017, , 448-467.	0.3	0
26	Diagnosing Intermittent Faults through Non-linear Analysis. <i>IFAC-PapersOnLine</i> , 2020, 53, 10304-10309.	0.5	0