Rasa Remenyte-Prescott

List of Publications by Year
in descending order

27	286	1163117 8	940533 16
papers	citations	h-index	g-index

27	27	27	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Railway bridge structural health monitoring and fault detection: State-of-the-art methods and future challenges. Structural Health Monitoring, 2018, 17, 971-1007.	7.5	93
2	An efficient phased mission reliability analysis for autonomous vehicles. Reliability Engineering and System Safety, 2010, 95, 226-235.	8.9	46
3	An enhanced component connection method for conversion of fault trees to binary decision diagrams. Reliability Engineering and System Safety, 2008, 93, 1543-1550.	8.9	24
4	A modelling approach for railway overhead line equipment asset management. Reliability Engineering and System Safety, 2017, 168, 326-337.	8.9	15
5	An efficient real-time method of analysis for non-coherent fault trees. Quality and Reliability Engineering International, 2009, 25, 129-150.	2.3	13
6	Reliability and efficiency evaluation of a community pharmacy dispensing process using a coloured Petri-net approach. Reliability Engineering and System Safety, 2019, 182, 258-268.	8.9	11
7	A reliability analysis method using binary decision diagrams in phased mission planning. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2009, 223, 133-143.	0.7	10
8	Analysis of non-coherent fault trees using ternary decision diagrams. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2008, 222, 127-138.	0.7	8
9	A Petri Net Approach to Fault Verification in Phased Mission Systems using the Standard Deviation Technique. Quality and Reliability Engineering International, 2014, 30, 83-95.	2.3	8
10	Fault detection and diagnostics of a three-phase separator. Journal of Loss Prevention in the Process Industries, 2016, 41, 215-230.	3.3	8
11	Modeling fault propagation in phased mission systems using Petri nets. , 2011, , .		7
12	Effect of venepuncture process design on efficiency and failure rates: A simulation model study for secondary care. International Journal of Nursing Studies, 2017, 68, 73-82.	5.6	7
13	A network traffic flow model for motorway and urban highways. Journal of the Operational Research Society, 2014, 65, 1278-1291.	3.4	5
14	Road maintenance planning using network flow modelling. IMA Journal of Management Mathematics, 2017, 28, 387-402.	1.6	5
15	An ensemble-based change-point detection method for identifying unexpected behaviour of railway tunnel infrastructures. Tunnelling and Underground Space Technology, 2018, 81, 68-82.	6.2	5
16	An automatic bridge damage diagnostics method using empirical mode decomposition based health indicators and neuroâ€fuzzy classification. Structural Control and Health Monitoring, 2022, 29, .	4.0	4
17	A systems reliability approach to decision making in autonomous multi-platform systems operating a phased mission. , 2008, , .		3
18	Reliability analysis of missions with cooperating platforms. , 2010, , .		3

#	Article	IF	Citations
19	A sensor selection method using a performance metric for phased missions of aircraft fuel systems. Reliability Engineering and System Safety, 2018, 180, 416-424.	8.9	3
20	Application of network traffic flow model to road maintenance. Proceedings of the Institution of Civil Engineers: Transport, 2015, 168, 256-266.	0.6	2
21	Application of network-level traffic flow model to road maintenance in China. Infrastructure Asset Management, 2020, 7, 297-306.	1.6	2
22	A Petri Net-based life cycle cost analysis approach. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2019, 233, 90-102.	2.0	1
23	Sensor selection for fault diagnostics using performance metric. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 537-552.	0.7	1
24	A Bayesian Belief Network method for bridge deterioration detection. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2021, 235, 338-355.	0.7	1
25	A fuzzy-based Bayesian belief network approach for railway bridge condition monitoring and fault detection. , 2017, , .		1
26	Modelling Reliability and Efficiency of English Community Pharmacy Processes. , 2020, , .		0
27	A sensor selection method for fault diagnostics. , 2017, , .		0