

Zdenek Vintr

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8678496/publications.pdf>

Version: 2024-02-01

45
papers

110
citations

2258059

3
h-index

1720034

7
g-index

45
all docs

45
docs citations

45
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability assessment of water distribution network using specific forms of state space models. Urban Water Journal, 2022, 19, 109-118.	2.1	2
2	Drilling head knives degradation modelling based on stochastic diffusion processes backed up by state space models. Mechanical Systems and Signal Processing, 2022, 166, 108448.	8.0	3
3	Reliability modelling and analysis of water distribution network based on backpropagation recursive processes with real field data. Measurement: Journal of the International Measurement Confederation, 2020, 149, 107026.	5.0	20
4	Degradation process and failure estimation of drilling system based on real data and diffusion process supported by state space models. Measurement: Journal of the International Measurement Confederation, 2020, 164, 108076.	5.0	5
5	Forecasting study of mains reliability based on sparse field data and perspective state space models. Eksploatacja I Niezawodnosc, 2020, 22, 179-191.	2.0	2
6	Perspective on reliability assessment principles of platinum thermometer based on accelerated tests. Microelectronics Reliability, 2019, 100-101, 113469.	1.7	0
7	Using Accelerated Reliability Testing to Predict Reliability of Electronic Components in Combat Vehicles. , 2019, , .		0
8	Reliability Estimation of Electronic Components by Step-Stress Accelerated Reliability Testing. , 2019, , .		0
9	Application of fuzzy inference system for analysis of oil field data to optimize combustion engine maintenance. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 3736-3745.	1.9	3
10	Platinum thermometer failure estimation based on dynamic linear models. Engineering Failure Analysis, 2019, 101, 418-435.	4.0	6
11	System Condition Assessment Based on Mathematical Analysis. , 2018, , .		0
12	Applying regression diagnostics for identifying non-standard behaviour of a technical system. , 2017, , .		1
13	Mathematical modelling of soot particles in oil. , 2017, , .		1
14	Water network condition assessment using analytic hierarchy process. , 2017, , .		0
15	Non-parametric reliability assessment of composite items. , 2017, , .		0
16	Tools for components reliability prediction. , 2017, , .		0
17	Mathematical analysis of soot particles in oil used as system state indicator. , 2016, , .		5
18	Residential object vibrations induced by T-72 gunfire. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Series System Availability Prediction Using Information on Subsystems Availability. Applied Mechanics and Materials, 2014, 656, 597-605.	0.2	0
20	A Contribution to Assessment of Transportation Structures Vulnerability. Applied Mechanics and Materials, 2014, 656, 588-596.	0.2	2
21	TARGI — A novel tool and method for target identification. , 2014, , .		0
22	Threat characterization in vital area identification process. , 2013, , .		2
23	Warranty Data Evaluation. Applied Mechanics and Materials, 2012, 245, 283-288.	0.2	0
24	Attack tree-based evaluation of physical protection systems vulnerability. , 2012, , .		4
25	Evaluation of physical protection system effectiveness. , 2012, , .		8
26	Does appropriate software support for target identification exist?. , 2011, , .		5
27	An assessment of mean time between failures for a group of rolling bearings. , 2011, , .		2
28	Warranty costs monitoring. , 2011, , .		1
29	Accelerated test as a tool for reliability comparison of systems manufactured by different ways. , 2011, , .		0
30	Reliability Prediction for Components of Robotic Systems. Lecture Notes in Electrical Engineering, 2011, , 463-470.	0.4	2
31	Contribution to Rational Determination of Warranty Parameters for a New Product. , 2010, , 249-258.		0
32	Robustness against misuse - a new attribute of technical systems. , 2009, , .		0
33	Rational design of conditions for reliability test. , 2009, , .		1
34	An application of FMEA for warranty cost assesment. , 2009, , .		2
35	System robustness against misuse. , 2009, , .		0
36	Safety management for electromechanical systems of railway vehicles. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	RAMS program for electromechanical systems of railway applications. , 2007, , .		1
38	Estimate of Warranty Costs Based on Research of the Customer's Behavior. , 2007, , .		6
39	Modeling and Analysis of the Reliability of Systems with One-shot Items. , 2007, , .		12
40	A Tool for Decision Making in K-Out-of-N System Maintenance. Applied Mechanics and Materials, 0, 110-116, 5257-5264.	0.2	11
41	Contribution to Rolling Bearing Reliability Modeling. Applied Mechanics and Materials, 0, 110-116, 2497-2503.	0.2	1
42	Amphibious Vehicle Abilities Analysis. Applied Mechanics and Materials, 0, 245, 235-240.	0.2	0
43	Warranty Costs Assessment for Automotive Applications. Advanced Materials Research, 0, 433-440, 6108-6115.	0.3	0
44	Evaluation of Product Reliability during Warranty. Applied Mechanics and Materials, 0, 436, 557-562.	0.2	1
45	Reliability Allocation for a System with Complex Redundancy. Applied Mechanics and Materials, 0, 436, 505-510.	0.2	0