

Andre Kleyner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

406
citations

1478505

6
h-index

1474206

9
g-index

25
all docs

25
docs citations

25
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimizing life cycle cost by managing product reliability via validation plan and warranty return cost. International Journal of Production Economics, 2008, 112, 796-807.	8.9	78
2	A warranty forecasting model based on piecewise statistical distributions and stochastic simulation. Reliability Engineering and System Safety, 2005, 88, 207-214.	8.9	48
3	Bayesian techniques to reduce the sample size in automotive electronics attribute testing. Microelectronics Reliability, 1997, 37, 879-883.	1.7	47
4	Application of Petri nets to reliability prediction of occupant safety systems with partial detection and repair. Reliability Engineering and System Safety, 2010, 95, 606-613.	8.9	40
5	A Bayesian Approach to Determine Test Sample Size Requirements for Reliability Demonstration Retesting after Product Design Change. Quality Engineering, 2015, 27, 289-295.	1.1	21
6	What is design for reliability and what is not?. , 2012, , .		9
7	Effect of Field Stress Variance on Test to Field Correlation in Accelerated Reliability Demonstration Testing. Quality and Reliability Engineering International, 2015, 31, 783-788.	2.3	8
8	Modelling automotive warranty claims with build-to-sale data uncertainty. International Journal of Reliability and Safety, 2008, 2, 179.	0.2	6
9	How Stress Variance in the Automotive Environment will Affect a $\hat{\tau}_{True}$ Value of the Reliability Demonstrated by Accelerated Testing. SAE International Journal of Passenger Cars - Electronic and Electrical Systems, 2014, 7, 552-559.	0.3	3
10	Calculating Probability Metric for Random Hardware Failures (PMHF) in the New Version of $\hat{\tau}_{ISO}$ 26262 Functional Safety - Methodology and $\hat{\tau}_{Case}$ Studies. , 0, , .		3
11	Calculating System Failure Rates Using Field Return Data. Application of SAE-J3083 for Functional Safety and Beyond. , 0, , .		2
12	Reliability Demonstration in Product Validation Testing. , 2008, , 533-542.		2
13	Using reliability and warranty data to determine the optimal number of parts for a lifetime buy. , 2016, , .		1
14	Applying automotive robustness validation to reduce the number of unplanned reliability testing cycles. , 2016, , .		1
15	Warranty data maturity $\hat{\tau}_{Effect}$ Effect of observation time on reliability prediction and the warranty management process. Quality and Reliability Engineering International, 2022, 38, 2388-2404.	2.3	1
16	Foreword 2. , 2017, , xv-xviii.		0
17	Foreword 2. , 2017, , xv-xviii.		0
18	Weibull Analysis and Zero-time Failures. What Are Your Data Analysis Options?. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Accelerated Testing: Effect of Variance in Field Environmental Conditions on the Demonstrated Reliability. , 0, , 403-408.		0