

Soumya Roy

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian accelerated life test plans for series systems with Weibull component lifetimes. Applied Mathematical Modelling, 2018, 62, 383-403.	4.2	24
2	Bayesian accelerated life testing under competing log-location-scale family of causes of failure. Computational Statistics, 2016, 31, 89-119.	1.5	12
3	Bayesian optimum life testing plans under progressive Type-I interval censoring scheme. Quality and Reliability Engineering International, 2017, 33, 2727-2737.	2.3	12
4	Bayesian Accelerated Life Testing under Competing Weibull Causes of Failure. Communications in Statistics - Theory and Methods, 2014, 43, 2429-2451.	1.0	10
5	Bayesian C-optimal life testing plans under progressive type-I interval censoring scheme. Applied Mathematical Modelling, 2019, 70, 299-314.	4.2	9
6	Bayesian D -optimal Accelerated Life Test plans for series systems with competing exponential causes of failure. Journal of Applied Statistics, 2016, 43, 1477-1493.	1.3	8
7	Optimum life test plan for Type-I hybrid censored Weibull distributed products sold under general rebate warranty. International Journal of Production Research, 2020, 58, 5693-5706.	7.5	8
8	Inference based on progressive Type I interval censored data from log-normal distribution. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 6495-6512.	1.2	7
9	Optimum reliability acceptance sampling plan using Type-I generalized hybrid censoring scheme for products under warranty. International Journal of Quality and Reliability Management, 2020, 38, 780-799.	2.0	6
10	Forecasting day-ahead price of electricity - a dynamic regression approach. International Journal of Business Excellence, 2013, 6, 584.	0.3	4
11	Maximum likelihood analysis of multi-stress accelerated life test data of series systems with competing log-normal causes of failure. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2015, 229, 119-130.	0.7	4
12	Estimation of $P(X < Y)$ for generalized half logistic distribution based on Type-II censored data. International Journal of Quality and Reliability Management, 2017, 34, 1111-1122.	2.0	4
13	On inference and design under progressive type-I interval censoring scheme for inverse Gaussian lifetime model. International Journal of Quality and Reliability Management, 2022, 39, 1937-1962.	2.0	2
14	Inference for the Component and System Lifetime Distribution of a k -unit Parallel System Based on System Data. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 45-61.	1.2	1