Sanku Dey

List of Publications by Year
in descending order

76 papers	1,422 citations	331670 21 h-index	414414 32 g-index
76 all docs	76 docs citations	76 times ranked	476 citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Lindley constant-stress model via product of spacing with Type-II censored accelerated life data. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 288-314.	1.2	13
2	Analysis of progressive type-II censored gamma distribution. Computational Statistics, 2023, 38, 481-508.	1.5	10
3	Inference on Nadarajah–Haghighi distribution with constant stress partially accelerated life tests under progressive type-II censoring. Journal of Applied Statistics, 2022, 49, 2891-2912.	1.3	24
4	Parametric Confidence Intervals of S_{pmk} for Generalized Exponential Distribution. American Journal of Mathematical and Management Sciences, 2022, 41, 201-222.	0.9	1
5	On estimation procedures of constant stress accelerated life test for generalized inverse lindley distribution. Quality and Reliability Engineering International, 2022, 38, 211-228.	2.3	7
6	Methods of Estimation and Bias Corrected Maximum Likelihood Estimators of Unit Burr III Distribution. American Journal of Mathematical and Management Sciences, 2022, 41, 316-333.	0.9	1
7	Inverse Lindley power series distributions: a new compounding family and regression model with censored data. Journal of Applied Statistics, 2022, 49, 3451-3476.	1.3	2
8	Parametric inference of the process capability index for exponentiated exponential distribution. Journal of Applied Statistics, 2022, 49, 4097-4121.	1.3	7
9	Parametric inference of the loss based index Cpm for normal distribution. Quality and Reliability Engineering International, 2022, 38, 405-431.	2.3	7
10	A new approach of time truncated chain sampling inspection plan and its applications. International Journal of Systems Assurance Engineering and Management, 2022, 13, 2307-2326.	2.4	3
11	Inference of dependent left-truncated and right-censored competing risks data from a general bivariate class of inverse exponentiated distributions. Statistics, 2022, 56, 347-374.	0.6	3
12	Estimation Based on Adaptive Progressively Censored under Competing Risks Model with Engineering Applications. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	7
13	Parametric inference of generalized process capability index C_{pyk} for the power Lindley distribution. Quality Technology and Quantitative Management, 2022, 19, 153-186.	1.9	7
14	Classical and Bayesian Inference of the Inverse Nakagami Distribution Based on Progressive Type-II Censored Samples. Mathematics, 2022, 10, 2137.	2.2	1
15	Inference on generalized inverted exponential distribution based on record values and inter-record times. Afrika Matematika, 2022, 33, .	0.8	0
16	Double and group acceptance sampling plan for truncated life test based on inverse log-logistic distribution. Journal of Applied Statistics, 2021, 48, 1227-1242.	1.3	17
17	Inference for dependence competing risks with partially observed failure causes from bivariate Gompertz distribution under generalized progressive hybrid censoring. Quality and Reliability Engineering International, 2021, 37, 1150-1172.	2.3	6
18	Bounded Weighted Exponential Distribution with Applications. American Journal of Mathematical and Management Sciences, 2021, 40, 68-87.	0.9	4

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19	Topp–Leone odd log-logistic exponential distribution: Its improved estimators and applications. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190586.	0.8	3
20	Confidence intervals of the index C_{pk} for normally distributed quality characteristics using classical and Bayesian methods of estimation. Brazilian Journal of Probability and Statistics, 2021, 35, .	0.4	17
21	Classical and Bayesian estimation of the index C_{pmk} and its confidence intervals for normally distributed quality characteristic. Journal of Statistical Computation and Simulation, 2021, 91, 1911-1934.	1.2	4
22	Inference based on partly interval censored data from a two-parameter Rayleigh distribution. Journal of Statistical Computation and Simulation, 2021, 91, 2527-2550.	1.2	1
23	Multicomponent stress-strength reliability estimation based on unit generalized Rayleigh distribution. International Journal of Quality and Reliability Management, 2021, 38, 2048-2079.	2.0	6
24	Reliability analysis of exponentiated Poisson–exponential constant stress accelerated life test model. Quality and Reliability Engineering International, 2021, 37, 2853-2874.	2.3	2
25	Estimation of Multicomponent Reliability Based on Progressively Type II Censored Data from Unit Weibull Distribution. WSEAS Transactions on Mathematics, 2021, 20, 288-299.	0.5	2
26	Single and double acceptance sampling plans for truncated life tests based on transmuted Rayleigh distribution. Journal of Industrial and Production Engineering, 2021, 38, 356-368.	3.1	12
27	MCMC Method for Exponentiated Lomax Distribution based on Accelerated Life Testing with Type I Censoring. WSEAS Transactions on Mathematics, 2021, 20, 319-334.	0.5	0
28	The Complementary Exponentiated Lomax-Poisson Distribution with Applications to Bladder Cancer and Failure Data. Austrian Journal of Statistics, 2021, 50, 77-105.	0.6	1
29	Acceptance sampling inspection plan for the Lindley and power Lindley distributed quality characteristics. International Journal of Systems Assurance Engineering and Management, 2021, 12, 1410-1419.	2.4	5
30	Estimation for Weibull Parameters with Generalized Progressive Hybrid Censored Data. Journal of Mathematics, 2021, 2021, 1-13.	1.0	1
31	Improved bootstrap confidence intervals for the process capability index Cpk. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 2583-2603.	1.2	17
32	On estimating the reliability in a multicomponent stress-strength model based on Chen distribution. Communications in Statistics - Theory and Methods, 2020, 49, 2429-2447.	1.0	38
33	Asymptotic and Bootstrap Confidence Intervals for the Process Capability Index c_{py} Based on Lindley Distributed Quality Characteristic. American Journal of Mathematical and Management Sciences, 2020, 39, 75-89.	0.9	9
34	Bootstrap confidence intervals of process capability index S_{pmk} using different methods of estimation. Journal of Statistical Computation and Simulation, 2020, 90, 28-50.	1.2	17
35	Classical methods of estimation on constant stress accelerated life tests under exponentiated Lindley distribution. Journal of Applied Statistics, 2020, 47, 975-996.	1.3	21
36	Statistical inference based on generalized Lindley record values. Journal of Applied Statistics, 2020, 47, 1543-1561.	1.3	5

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37	Bayesian and non-Bayesian reliability estimation of multicomponent stress–strength model for unit Weibull distribution. Journal of Taibah University for Science, 2020, 14, 1164-1181.	2.5	11
38	Bivariate exponentiated half logistic distribution: Properties and application. Communications in Statistics - Theory and Methods, 2020, , 1-23.	1.0	9
39	Weighted inverted Weibull distribution: Properties and estimation. Journal of Statistics and Management Systems, 2020, 23, 843-885.	0.6	5
40	On a new extension of Weibull distribution: Properties, estimation, and applications to one and two causes of failures. Quality and Reliability Engineering International, 2020, 36, 2019-2043.	2.3	17
41	Generalized inverted exponential distribution under constant stress accelerated life test: Different estimation methods with application. Quality and Reliability Engineering International, 2020, 36, 1296-1312.	2.3	16
42	Classical Estimation of the Index $\mathcal{S}_{pmk}$ and Its Confidence Intervals for Power Lindley Distributed Quality Characteristics. Mathematical Problems in Engineering, 2020, 2020, 1-17.	1.1	7
43	Statistical Inference for the power Lindley model based on record values and inter-record times. Journal of Computational and Applied Mathematics, 2019, 347, 156-172.	2.0	17
44	Classical and Bayesian inference of C_{py} for generalized Lindley distributed quality characteristic. Quality and Reliability Engineering International, 2019, 35, 2593-2611.	2.3	18
45	Comparison between two generalized process capability indices for Burr XII distribution using bootstrap confidence intervals. Life Cycle Reliability and Safety Engineering, 2019, 8, 347-355.	1.0	4
46	Bootstrap confidence intervals of CpTk for two parameter logistic exponential distribution with applications. International Journal of Systems Assurance Engineering and Management, 2019, 10, 623-631.	2.4	19
47	Bootstrap confidence intervals of generalized process capability index C_{pyk} using different methods of estimation. Journal of Applied Statistics, 2019, 46, 1843-1869.	1.3	24
48	Estimation of reliability of multicomponent stress-strength of a bathtub shape or increasing failure rate function. International Journal of Quality and Reliability Management, 2019, 36, 122-136.	2.0	14
49	Parametric and non-parametric bootstrap confidence intervals of C_{Npk} for exponential power distribution. Journal of Industrial and Production Engineering, 2018, 35, 160-169.	3.1	27
50	Bootstrap confidence intervals of the difference between two generalized process capability indices for inverse Lindley distribution. Life Cycle Reliability and Safety Engineering, 2018, 7, 89-96.	1.0	12
51	Analysis of Weibull Distribution Under Adaptive Type-II Progressive Hybrid Censoring Scheme. Journal of the Indian Society for Probability and Statistics, 2018, 19, 25-65.	0.8	46
52	On length and area-biased Maxwell distributions. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 1506-1528.	1.2	8
53	Bootstrap confidence intervals of generalized process capability index C_{pyk} for Lindley and power Lindley distributions. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 249-262.	1.2	36
54	Kumaraswamy distribution: different methods of estimation. Computational and Applied Mathematics, 2018, 37, 2094-2111.	1.3	49

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55	A new extension of Weibull distribution: Properties and different methods of estimation. Journal of Computational and Applied Mathematics, 2018, 336, 439-457.	2.0	55
56	Improved maximum-likelihood estimators for the parameters of the unit-gamma distribution. Communications in Statistics - Theory and Methods, 2018, 47, 3767-3778.	1.0	32
57	Statistical properties and different methods of estimation of Gompertz distribution with application. Journal of Statistics and Management Systems, 2018, 21, 839-876.	0.6	34
58	Different estimation methods for exponentiated Rayleigh distribution under constant–stress accelerated life test. Quality and Reliability Engineering International, 2018, 34, 1633-1645.	2.3	26
59	Estimation of reliability of multicomponent stress–strength for a Kumaraswamy distribution. Communications in Statistics - Theory and Methods, 2017, 46, 1560-1572.	1.0	65
60	A New Extension of Weibull Distribution with Application to Lifetime Data. Annals of Data Science, 2017, 4, 31-61.	3.2	38
61	A New Extension of Generalized Exponential Distribution with Application to Ozone Data. Ozone: Science and Engineering, 2017, 39, 273-285.	2.5	58
62	Exponentiated Chen distribution: Properties and estimation. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 8118-8139.	1.2	59
63	Comparisons of Methods of Estimation for the NH Distribution. Annals of Data Science, 2017, 4, 441-455.	3.2	28
64	Statistical Inference of Exponentiated Moment Exponential Distribution Based on Lower Record Values. Communications in Mathematics and Statistics, 2017, 5, 231-260.	1.5	6
65	Rayleigh distribution revisited via ranked set sampling. Metron, 2017, 75, 69-85.	1.2	18
66	Statistical properties and different methods of estimation of transmuted Rayleigh distribution. Revista Colombiana De Estadistica, 2017, 40, 165-203.	0.4	16
67	Estimation and prediction for a progressively censored generalized inverted exponential distribution. Statistical Methodology, 2016, 32, 185-202.	0.5	69
68	On Progressively Type-II Censored Two-parameter Rayleigh Distribution. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 438-455.	1.2	38
69	Two-parameter Maxwell distribution: Properties and different methods of estimation. Journal of Statistical Theory and Practice, 2016, 10, 291-310.	0.5	30
70	Statistical inference for the generalized inverted exponential distribution based on upper record values. Mathematics and Computers in Simulation, 2016, 120, 64-78.	4.4	34
71	Weighted exponential distribution: properties and different methods of estimation. Journal of Statistical Computation and Simulation, 2015, 85, 3641-3661.	1.2	67
72	Two-Parameter Rayleigh Distribution: Different Methods of Estimation. American Journal of Mathematical and Management Sciences, 2014, 33, 55-74.	0.9	65

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73	Statistical Inference for the Rayleigh distribution under progressively Type-II censoring with binomial removal. Applied Mathematical Modelling, 2014, 38, 974-982.	4.2	40
74	Bayesian Inference on the Shape Parameter and Future Observation of Exponentiated Family of Distributions. Journal of Probability and Statistics, 2011, 2011, 1-17.	0.7	1
75	BAYESIAN ESTIMATION OF THE SHAPE PARAMETER OF THE GENERALISED EXPONENTIAL DISTRIBUTION UNDER DIFFERENT LOSS FUNCTIONS. Pakistan Journal of Statistics and Operation Research, 2010, 6, 163.	1.1	11
76	A Note on Prediction Interval for a Rayleigh Distribution: Bayesian Approach. American Journal of Mathematical and Management Sciences, 2007, 27, 43-48.	0.9	12