Mazen Nassar

List of Publications by Year in descending order

58 papers	857 citations	17 h-index
58 all docs	58 docs citations	58 times ranked

471509

580821

25 g-index

298 citing authors

#	Article	IF	Citations
1	Alpha power Weibull distribution: Properties and applications. Communications in Statistics - Theory and Methods, 2017, 46, 10236-10252.	1.0	81
2	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
3	Estimation of the inverse Weibull parameters under adaptive type-II progressive hybrid censoring scheme. Journal of Computational and Applied Mathematics, 2017, 315, 228-239.	2.0	53
4	The Marshall–Olkin alpha power family of distributions with applications. Journal of Computational and Applied Mathematics, 2019, 351, 41-53.	2.0	51
5	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
6	Alpha power transformed inverse Lindley distribution: A distribution with an upside-down bathtub-shaped hazard function. Journal of Computational and Applied Mathematics, 2019, 348, 130-145.	2.0	44
7	Bayesian survival analysis for adaptive Type-II progressive hybrid censored Hjorth data. Computational Statistics, 2021, 36, 1965-1990.	1.5	29
8	Inference for Weibull distribution under adaptive Type-I progressive hybrid censored competing risks data. Communications in Statistics - Theory and Methods, 2017, 46, 4756-4773.	1.0	27
9	A New Modified Kies Family: Properties, Estimation Under Complete and Type-II Censored Samples, and Engineering Applications. Mathematics, 2020, 8, 1345.	2.2	27
10	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
11	The Weibull Marshall–Olkin Lindley distribution: properties and estimation. Journal of Taibah University for Science, 2020, 14, 192-204.	2.5	26
12	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
13	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
14	Estimation Methods of Alpha Power Exponential Distribution with Applications to Engineering and Medical Data. Pakistan Journal of Statistics and Operation Research, 0, , 149-166.	1.1	19
15	E–Bayesian estimation and associated properties of simple step–stress model for exponential distribution based on type–I censoring. Quality and Reliability Engineering International, 2021, 37, 997-1016.	2.3	18
16	Analysis of Generalized Exponential Distribution Under Adaptive Type-II Progressive Hybrid Censored Competing Risks Data. International Journal of Advanced Statistics and Probability, 2014, 2, 108-113.	0.1	18
17	Inferences for Alpha Power Exponential Distribution Using Adaptive Progressively Type-II Hybrid Censored Data with Applications. Symmetry, 2022, 14, 651.	2.2	18
18	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

#	Article	IF	Citations
19	Estimation and prediction of Marshallâ€"Olkin extended exponential distribution under progressively type-II censoredÂdata. Journal of Statistical Computation and Simulation, 2018, 88, 2287-2308.	1.2	16
20	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
21	Analysis of Burr Type-XII Distribution Under Step Stress Partially Accelerated Life Tests with Type-I and Adaptive Type-II Progressively Hybrid Censoring Schemes. Annals of Data Science, 2017, 4, 227-248.	3.2	15
22	$$alpha $$ Î± Logarithmic Transformed Family of Distributions with Application. Annals of Data Science, 2017, 4, 457-482.	3.2	13
23	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
24	Analysis of Reliability Characteristics of Bathtub-Shaped Distribution Under Adaptive Type-I Progressive Hybrid Censoring. IEEE Access, 2020, 8, 181796-181806.	4.2	11
25	E-Bayesian estimation of Burr Type XII model based on adaptive Type-â…¡ progressive hybrid censored data. AIMS Mathematics, 2021, 6, 4173-4196.	1.6	11
26	Classical and Bayesian Estimation for Two Exponential Populations based on Joint Type-I Progressive Hybrid Censoring Scheme. American Journal of Mathematical and Management Sciences, 2019, 38, 373-385.	0.9	10
27	On estimation procedures of stress-strength reliability for Weibull distribution with application. PLoS ONE, 2020, 15, e0237997.	2.5	10
28	Analysis of progressive type-II censored gamma distribution. Computational Statistics, 2023, 38, 481-508.	1.5	10
29	A New Family of Generalized Distributions Based on Alpha Power Transformation with Application to Cancer Data. Annals of Data Science, 2018, 5, 421-436.	3.2	9
30	Analysis of Exponential Distribution Under Adaptive Type-I Progressive Hybrid Censored Competing Risks Data. Pakistan Journal of Statistics and Operation Research, 2014, 10, 229.	1.1	8
31	On reliability estimation of Nadarajahâ€"Haghighi distribution under adaptive typeâ€‰ progressive hybrid censoring scheme. Quality and Reliability Engineering International, 2022, 38, 817-833.	2.3	8
32	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
33	The Exponentiated Burrâ€"Hatke Distribution and Its Discrete Version: Reliability Properties with CSALT Model, Inference and Applications. Mathematics, 2021, 9, 2277.	2.2	7
34	Moments and estimation of reduced Kies distribution based on progressive type-II right censored order statistics. Hacettepe Journal of Mathematics and Statistics, 2018, 48, .	0.3	7
35	Analysis of Modified Kies Exponential Distribution with Constant Stress Partially Accelerated Life Tests under Type-II Censoring. Mathematics, 2022, 10, 819.	2.2	7
36	Estimation Based on Adaptive Progressively Censored under Competing Risks Model with Engineering Applications. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	7

#	Article	IF	Citations
37	A New Generalization of the Exponentiated Pareto Distribution With an Application. American Journal of Mathematical and Management Sciences, 2018, 37, 217-242.	0.9	6
38	On three-parameter exponential distribution: properties, Bayesian and non-Bayesian estimation based on complete and censored samples. Communications in Statistics Part B: Simulation and Computation, 2019, , 1-21.	1.2	6
39	Estimation of the Location and Scale Parameters of Generalized Pareto Distribution Based on Progressively Type-II Censored Order Statistics. Annals of Data Science, 2023, 10, 349-383.	3.2	6
40	A new weighted version of alpha power transformation method: properties and applications to COVID-19 and software reliability data. Physica Scripta, 2021, 96, 125221.	2.5	6
41	A Generalization of Generalized Gamma Distributions. Pakistan Journal of Statistics and Operation Research, 2018, 14, 121.	1.1	6
42	Product of spacing estimation of entropy for inverse Weibull distribution under progressive type-II censored data with applications. Journal of Taibah University for Science, 2022, 16, 259-269.	2.5	6
43	Inference for generalized inverse Lindley distribution based on generalized order statistics. Afrika Matematika, 2020, 31, 1207-1235.	0.8	5
44	On Modeling Concrete Compressive Strength Data Using Laplace Birnbaum-Saunders Distribution Assuming Contaminated Information. Crystals, 2021, 11, 830.	2.2	4
45	Logarithm Transformed FrÂ´echet Distribution : Properties and Estimation. Austrian Journal of Statistics, 2019, 48, 70-93.	0.6	4
46	Complexity Analysis of E-Bayesian Estimation under Type-II Censoring with Application to Organ Transplant Blood Data. Symmetry, 2022, 14, 1308.	2.2	4
47	Logarithm Transformed Lomax Distribution with Applications. Calcutta Statistical Association Bulletin, 2018, 70, 122-135.	0.3	3
48	On a new flexible Lomax distribution: statistical properties and estimation procedures with applications to engineering and medical data. AIMS Mathematics, 2021, 6, 13976-13999.	1.6	3
49	Bayesian Estimation Using Expected LINEX Loss Function: A Novel Approach with Applications. Mathematics, 2022, 10, 436.	2.2	3
50	Estimation of Reliability Indices for Alpha Power Exponential Distribution Based on Progressively Censored Competing Risks Data. Mathematics, 2022, 10, 2258.	2.2	3
51	Estimation of the Inverse Weibull Parameters Under Ranked Set Sampling. Journal of Data Science, 2019, 17, 696-711.	0.9	2
52	Reliability analysis of exponentiated Poissonâ€exponential constant stress accelerated life test model. Quality and Reliability Engineering International, 2021, 37, 2853-2874.	2.3	2
53	Modeling Liver Cancer and Leukemia Data Using Arcsine-Gaussian Distribution. Computers, Materials and Continua, 2021, 67, 2185-2202.	1.9	1
54	The recurrence relations of order statistics moments for power Lomax distribution. , 2018, 52, 75-90.		1

#	Article	IF	Citations
55	A New Exponential Distribution to Model Concrete Compressive Strength Data. Crystals, 2022, 12, 431.	2.2	1
56	Parameter Estimation for the Exponentiated Kumaraswamy-Power Function Distribution Based on Order Statistics with Application. Annals of Data Science, 2021, 8, 785-811.	3.2	0
57	Inferences for generalized Topp-Leone distribution under dual generalized order statistics with applications to Engineering and COVID-19 data. Model Assisted Statistics and Applications, 2021, 16, 125-141.	0.3	0
58	Correction: On a new flexible Lomax distribution: statistical properties and estimation procedures with applications to engineering and medical data. AIMS Mathematics, 2022, 7, 7419-7420.	1.6	0