Farrukh Jamal

List of Publications by Year
in descending order

86 papers	1,123 citations	471061 17 h-index	525886 27 g-index
87 all docs	87 docs citations	87 times ranked	406 citing authors

#	Article	IF	Citations
1	Some useful classes of minimal weakly balanced neighbor designs in circular blocks of two different sizes. Communications in Statistics - Theory and Methods, 2022, 51, 8822-8839.	0.6	2
2	An Extension of Karrupâ€“Kingâ€“Newton Index. Mathematical Problems in Engineering, 2022, 2022, 1-6.	0.6	0
3	The Minimum Lindley Lomax Distribution: Properties and Applications. Mathematical and Computational Applications, 2022, 27, 16.	0.7	2
4	The U Family of Distributions: Properties and Applications. Mathematica Slovaca, 2022, 72, 217-240.	0.3	5
5	Forecasting Tennis Match Results Using the Bradley-Terry Model. International Journal of Photoenergy, 2022, 2022, 1-12.	1.4	2
6	A new extended gumbel distribution: Properties and application. PLoS ONE, 2022, 17, e0267142.	1.1	5
7	Some New Dimensions to Construct Economical Circular Weakly Balanced Neighbor Robust Designs. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	0
8	A New Useful Exponential Model with Applications to Quality Control and Actuarial Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-27.	1.1	7
9	The Generalized Odd Linear Exponential Family of Distributions with Applications to Reliability Theory. Mathematical and Computational Applications, 2022, 27, 55.	0.7	5
10	Statistical Analysis of COVID-19 Data: Using A New Univariate and Bivariate Statistical Model. Journal of Function Spaces, 2022, 2022, 1-26.	0.4	5
11	Statistical features analysis and discrimination of maize seeds utilizing machine vision approach. Journal of Intelligent and Fuzzy Systems, 2021, 40, 703-714.	0.8	8
12	The Marshall-Olkin Odd Burr III-G Family: Theory, Estimation, and Engineering Applications. IEEE Access, 2021, 9, 4376-4387.	2.6	14
13	Bayesian Analysis in Partially Accelerated Life Tests for Weighted Lomax Distribution. Computers, Materials and Continua, 2021, 68, 2859-2875.	1.5	17
14	Machine Learning-based USD/PKR Exchange Rate Forecasting Using Sentiment Analysis of Twitter Data. Computers, Materials and Continua, 2021, 67, 3451-3461.	1.5	12
15	COVID-19 Infected Lung Computed Tomography Segmentation and Supervised Classification Approach. Computers, Materials and Continua, 2021, 68, 391-407.	1.5	5
16	The extended Burr-R class: properties, applications and modified test for censored data. AIMS Mathematics, 2021, 6, 2912-2931.	0.7	7
17	Half Logistic Inverse Lomax Distribution with Applications. Symmetry, 2021, 13, 309.	1.1	1
18	Insights Into the Role of CircRNAs: Biogenesis, Characterization, Functional, and Clinical Impact in Human Malignancies. Frontiers in Cell and Developmental Biology, 2021, 9, 617281.	1.8	53

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19	Computing Expectiles Using k-Nearest Neighbours Approach. Symmetry, 2021, 13, 645.	1.1	4
20	Beyond the Sin-G family: The transformed Sin-G family. PLoS ONE, 2021, 16, e0250790.	1.1	15
21	Estimation of Constant Stress Partially Accelerated Life Test for FrÃ©chet Distribution with Type-I Censoring. Mathematical Problems in Engineering, 2021, 2021, 1-8.	0.6	7
22	A Two-Parameter Model: Properties and Estimation under Ranked Sampling. Mathematics, 2021, 9, 1214.	1.1	16
23	Group Acceptance Sampling Plan Using Marshallâ€“Olkin Kumaraswamy Exponential (MOKw-E) Distribution. Processes, 2021, 9, 1066.	1.3	13
24	The sine extended odd FrÃ©chet-G family of distribution with applications to complete and censored data. Mathematica Slovaca, 2021, 71, 961-982.	0.3	11
25	The Truncated Burr X-G Family of Distributions: Properties and Applications to Actuarial and Financial Data. Entropy, 2021, 23, 1088.	1.1	24
26	Theory and Applications of the Unit Gamma/Gompertz Distribution. Mathematics, 2021, 9, 1850.	1.1	17
27	A New Truncated Muth Generated Family of Distributions with Applications. Complexity, 2021, 2021, 1-14.	0.9	12
28	The Classification of Medicinal Plant Leaves Based on Multispectral and Texture Feature Using Machine Learning Approach. Agronomy, 2021, 11, 263.	1.3	35
29	Generalized Truncated Fré–het Generated Family Distributions and Their Applications. CMES - Computer Modeling in Engineering and Sciences, 2021, 126, 791-819.	0.8	12
30	A New Generator of Probability Models: The Exponentiated Sine-G Family for Lifetime Studies. Entropy, 2021, 23, 1394.	1.1	10
31	Robust Assessing the Lifetime Performance of Products with Inverse Gaussian Distribution in Bayesian and Classical Setup. Mathematical Problems in Engineering, 2021, 2021, 1-9.	0.6	1
32	A New Estimation Study of the Stress-Strength Reliability for the Toppâ€“Leone Distribution Using Advanced Sampling Methods. Scientific Programming, 2021, 2021, 1-13.	0.5	3
33	On the Discrete Weibull Marshallâ€“Olkin Family of Distributions: Properties, Characterizations, and Applications. Axioms, 2021, 10, 287.	0.9	9
34	A New Extended Cosineâ€”G Distributions for Lifetime Studies. Mathematics, 2021, 9, 2758.	1.1	17
35	Study of a Modified Kumaraswamy Distribution. Mathematics, 2021, 9, 2836.	1.1	4
36	The Moment Properties of Order, Reversed Order and Upper Record Statistics for the Power Ailamujia Distribution. WSEAS Transactions on Mathematics, 2021, 20, 607-614.	0.2	3

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37	New Modified Burr III Distribution, Properties and Applications. Mathematical and Computational Applications, 2021, 26, 82.	0.7	3
38	Type II general inverse exponential family of distributions. Journal of Statistics and Management Systems, 2020, 23, 617-641.	0.3	11
39	Application of Mixed Sampling to Real Life Data: A Case Study on Socio-Economic Determinants by Using SEM and CFA Techniques. Mathematics, 2020, 8, 337.	1.1	2
40	Discrimination of sunflower seeds using multispectral and texture dataset in combination with region selection and supervised classification methods. Chaos, 2020, 30, 113142.	1.0	11
41	Box-Cox Gamma-G Family of Distributions: Theory and Applications. Mathematics, 2020, 8, 1801.	1.1	5
42	Some New Facts about the Unit-Rayleigh Distribution with Applications. Mathematics, 2020, 8, 1954.	1.1	27
43	The Transmuted Muth Generated Class of Distributions with Applications. Symmetry, 2020, 12, 1677.	1.1	10
44	On a New Result on the Ratio Exponentiated General Family of Distributions with Applications. Mathematics, 2020, 8, 598.	1.1	6
45	The Poisson exponential-G family of distributions with properties and applications. Journal of Statistics and Management Systems, 2020, 23, 1391-1414.	0.3	0
46	The Transmuted Odd FrÃ©chet-G Family of Distributions: Theory and Applications. Mathematics, 2020, 8, 958.	1.1	32
47	On the Analysis of New COVID-19 Cases in Pakistan Using an Exponentiated Version of the M Family of Distributions. Mathematics, 2020, 8, 953.	1.1	27
48	The Inverted Modified Lindley Distribution. Journal of Statistical Theory and Practice, 2020, 14, 1.	0.3	13
49	Determination of the Factors Affecting King Abdul Aziz University Published Articles in ISI by Multilayer Perceptron Artificial Neural Network. Mathematics, 2020, 8, 766.	1.1	1
50	Machine-Learning Based Hybrid-Feature Analysis for Liver Cancer Classification Using Fused (MR and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	42
51	Exponentiated power generalized Weibull power series family of distributions: Properties, estimation and applications. PLoS ONE, 2020, 15, e0230004.	1.1	28
52	Machine learning approach for the classification of corn seed using hybrid features. International Journal of Food Properties, 2020, 23, 1110-1124.	1.3	39
53	Estimation of Entropy for Inverse Lomax Distribution under Multiple Censored Data. Entropy, 2020, 22, 601.	1.1	16
54	Machine Learning Based Automated Segmentation and Hybrid Feature Analysis for Diabetic Retinopathy Classification Using Fundus Image. Entropy, 2020, 22, 567.	1.1	41

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55	On a modified Burr XII distribution having flexible hazard rate shapes. Mathematica Slovaca, 2020, 70, 193-212.	0.3	6
56	The Truncated Cauchy Power Family of Distributions with Inference and Applications. Entropy, 2020, 22, 346.	1.1	36
57	Statistical Inference of the Half-Logistic Inverse Rayleigh Distribution. Entropy, 2020, 22, 449.	1.1	13
58	The Exponentiated Truncated Inverse Weibull-Generated Family of Distributions with Applications. Symmetry, 2020, 12, 650.	1.1	31
59	Type II Topp Leone Power Lomax Distribution with Applications. Mathematics, 2020, 8, 4.	1.1	10
60	Topp-Leone Odd Fré–het Generated Family of Distributions with Applications to COVID-19 Data Sets. CMES - Computer Modeling in Engineering and Sciences, 2020, 125, 437-458.	0.8	16
61	Type II Power Topp-Leone Generated Family of Distributions with Statistical Inference and Applications. Symmetry, 2020, 12, 75.	1.1	33
62	Machine Learning Based Statistical Analysis of Emotion Recognition using Facial Expression. RADS Journal of Biological Research & Applied Science, 2020, 11, 39-46.	0.2	4
63	Emotion Based Facial Expression Detection Using Machine Learning Approach. Journal of Applied and Emerging Sciences, 2020, 10, 35.	0.2	2
64	Truncated Inverted Kumaraswamy Generated Family of Distributions with Applications. Entropy, 2019, 21, 1089.	1.1	32
65	The Modified Beta Gompertz Distribution: Theory and Applications. Mathematics, 2019, 7, 3.	1.1	9
66	The Exponentiated Burr XII Power Series Distribution: Properties and Applications. Stats, 2019, 2, 15-31.	0.5	13
67	Generalized inverted Kumaraswamy generated family of distributions: theory and applications. Journal of Applied Statistics, 2019, 46, 2927-2944.	0.6	21
68	The Odd Gamma Weibull-Geometric Model: Theory and Applications. Mathematics, 2019, 7, 399.	1.1	3
69	Different Estimation Methods for Type I Half-Logistic Toppâ€“Leone Distribution. Mathematics, 2019, 7, 985.	1.1	9
70	A new family of polyno-expo-trigonometric distributions with applications. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2019, 22, 1950027.	0.3	11
71	Statistical Properties and Different Methods of Estimation for Type I Half Logistic Inverted Kumaraswamy Distribution. Mathematics, 2019, 7, 1002.	1.1	5
72	A New Power Toppâ€“Leone Generated Family of Distributions with Applications. Entropy, 2019, 21, 1177.	1.1	25

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73	Type II Toppâ€“Leone Inverted Kumaraswamy Distribution with Statistical Inference and Applications. Symmetry, 2019, 11, 1459.	1.1	6
74	Proteinaceous Trypsin Inhibitors from Plants in Disarming the Insect Pest. , 2019, , 309-331.		8
75	The Exponentiated Generalized Topp Leone-G Family of Distributions: Properties and Applications. Pakistan Journal of Statistics and Operation Research, 2019, 15, 1-24.	1.1	12
76	Kumaraswamy odd Burr G family of distributions with applications to reliability data. Studia Scientiarum Mathematicarum Hungarica, 2018, 55, 94-114.	0.1	4
77	A new extended generalized Burr-III family of distributions. Tbilisi Mathematical Journal, 2018, 11, .	0.3	4
78	The transmuted Compertz-G family of distributions: properties and applications. Tbilisi Mathematical Journal, 2018, 11, .	0.3	8
79	The type II Topp-Leone generated family of distributions : Properties and applications. Journal of Statistics and Management Systems, 2018, 21, 1529-1551.	0.3	26
80	The Topp Leone odd Lindley-G family of distributions : Properties and applications. Journal of Statistics and Management Systems, 2018, 21, 1273-1297.	0.3	17
81	Odd Burr-G Poisson Family of Distributions. Journal of Statistics Applications and Probability, 2018, 7, 9-28.	0.5	7
82	The Odd Burr-III Family of Distributions. Journal of Statistics Applications and Probability, 2017, 6, 105-122.	0.5	30
83	A New Generalized Burr Family of Distributions for the Lifetime Data. Journal of Statistics Applications and Probability, 2017, 6, 401-417.	0.5	12
84	A New Generalized Burr Family of Distributions Based on Quantile Function. Journal of Statistics Applications and Probability, 2017, 6, 499-504.	0.5	17
85	The Transmuted Odd Lindley-G Family of Distributions. Asian Journal of Probability and Statistics, 0, , 1-25.	0.0	5
86	The Topp Leone Generalized Inverted Kumaraswamy Distribution: Properties and Applications. Asian Research Journal of Mathematics, 0, , 1-15.	0.2	9