

Farrukh Jamal

List of Publications by Year in descending order

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86
papers

1,123
citations

471061

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525886

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g-index

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87
docs citations

87
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights Into the Role of CircRNAs: Biogenesis, Characterization, Functional, and Clinical Impact in Human Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617281.	1.8	53
2	Machine-Learning Based Hybrid-Feature Analysis for Liver Cancer Classification Using Fused (MR and Tj ETQq0 0 0 rgt /Overlock 10 Tf	1.3	42
3	Machine Learning Based Automated Segmentation and Hybrid Feature Analysis for Diabetic Retinopathy Classification Using Fundus Image. <i>Entropy</i> , 2020, 22, 567.	1.1	41
4	Machine learning approach for the classification of corn seed using hybrid features. <i>International Journal of Food Properties</i> , 2020, 23, 1110-1124.	1.3	39
5	The Truncated Cauchy Power Family of Distributions with Inference and Applications. <i>Entropy</i> , 2020, 22, 346.	1.1	36
6	The Classification of Medicinal Plant Leaves Based on Multispectral and Texture Feature Using Machine Learning Approach. <i>Agronomy</i> , 2021, 11, 263.	1.3	35
7	Type II Power Topp-Leone Generated Family of Distributions with Statistical Inference and Applications. <i>Symmetry</i> , 2020, 12, 75.	1.1	33
8	Truncated Inverted Kumaraswamy Generated Family of Distributions with Applications. <i>Entropy</i> , 2019, 21, 1089.	1.1	32
9	The Transmuted Odd FrÃ©chet-G Family of Distributions: Theory and Applications. <i>Mathematics</i> , 2020, 8, 958.	1.1	32
10	The Exponentiated Truncated Inverse Weibull-Generated Family of Distributions with Applications. <i>Symmetry</i> , 2020, 12, 650.	1.1	31
11	The Odd Burr-III Family of Distributions. <i>Journal of Statistics Applications and Probability</i> , 2017, 6, 105-122.	0.5	30
12	Exponentiated power generalized Weibull power series family of distributions: Properties, estimation and applications. <i>PLoS ONE</i> , 2020, 15, e0230004.	1.1	28
13	Some New Facts about the Unit-Rayleigh Distribution with Applications. <i>Mathematics</i> , 2020, 8, 1954.	1.1	27
14	On the Analysis of New COVID-19 Cases in Pakistan Using an Exponentiated Version of the M Family of Distributions. <i>Mathematics</i> , 2020, 8, 953.	1.1	27
15	The type II Topp-Leone generated family of distributions : Properties and applications. <i>Journal of Statistics and Management Systems</i> , 2018, 21, 1529-1551.	0.3	26
16	A New Power Topp-Leone Generated Family of Distributions with Applications. <i>Entropy</i> , 2019, 21, 1177.	1.1	25
17	The Truncated Burr X-G Family of Distributions: Properties and Applications to Actuarial and Financial Data. <i>Entropy</i> , 2021, 23, 1088.	1.1	24
18	Generalized inverted Kumaraswamy generated family of distributions: theory and applications. <i>Journal of Applied Statistics</i> , 2019, 46, 2927-2944.	0.6	21

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19	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
20	Bayesian Analysis in Partially Accelerated Life Tests for Weighted Lomax Distribution. Computers, Materials and Continua, 2021, 68, 2859-2875.	1.5	17
21	Theory and Applications of the Unit Gamma/Gompertz Distribution. Mathematics, 2021, 9, 1850.	1.1	17
22	A New Generalized Burr Family of Distributions Based on Quantile Function. Journal of Statistics Applications and Probability, 2017, 6, 499-504.	0.5	17
23	A New Extended Cosine-G Distributions for Lifetime Studies. Mathematics, 2021, 9, 2758.	1.1	17
24	Estimation of Entropy for Inverse Lomax Distribution under Multiple Censored Data. Entropy, 2020, 22, 601.	1.1	16
25	A Two-Parameter Model: Properties and Estimation under Ranked Sampling. Mathematics, 2021, 9, 1214.	1.1	16
26	Topp-Leone Odd Fréchet 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
27	Beyond the Sin-G family: The transformed Sin-G family. PLoS ONE, 2021, 16, e0250790.	1.1	15
28	The Marshall-Olkin Odd Burr III-G Family: Theory, Estimation, and Engineering Applications. IEEE Access, 2021, 9, 4376-4387.	2.6	14
29	The Exponentiated Burr XII Power Series Distribution: Properties and Applications. Stats, 2019, 2, 15-31.	0.5	13
30	The Inverted Modified Lindley Distribution. Journal of Statistical Theory and Practice, 2020, 14, 1.	0.3	13
31	Statistical Inference of the Half-Logistic Inverse Rayleigh Distribution. Entropy, 2020, 22, 449.	1.1	13
32	Group Acceptance Sampling Plan Using Marshall-Olkin Kumaraswamy Exponential (MOKw-E) Distribution. Processes, 2021, 9, 1066.	1.3	13
33	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
34	A New Truncated Muth Generated Family of Distributions with Applications. Complexity, 2021, 2021, 1-14.	0.9	12
35	Generalized Truncated Fréchet Generated Family Distributions and Their Applications. CMES - Computer Modeling in Engineering and Sciences, 2021, 126, 791-819.	0.8	12
36	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

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37	A New Generalized Burr Family of Distributions for the Lifetime Data. Journal of Statistics Applications and Probability, 2017, 6, 401-417.	0.5	12
38	A new family of polyno-expo-trigonometric distributions with applications. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2019, 22, 1950027.	0.3	11
39	Type II general inverse exponential family of distributions. Journal of Statistics and Management Systems, 2020, 23, 617-641.	0.3	11
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	The sine extended odd Fr�chet-G family of distribution with applications to complete and censored data. Mathematica Slovaca, 2021, 71, 961-982.	0.3	11
42	The Transmuted Muth Generated Class of Distributions with Applications. Symmetry, 2020, 12, 1677.	1.1	10
43	Type II Topp Leone Power Lomax Distribution with Applications. Mathematics, 2020, 8, 4.	1.1	10
44	A New Generator of Probability Models: The Exponentiated Sine-G Family for Lifetime Studies. Entropy, 2021, 23, 1394.	1.1	10
45	The Modified Beta Gompertz Distribution: Theory and Applications. Mathematics, 2019, 7, 3.	1.1	9
46	Different Estimation Methods for Type I Half-Logistic Topp�Leone Distribution. Mathematics, 2019, 7, 985.	1.1	9
47	The Topp Leone Generalized Inverted Kumaraswamy Distribution: Properties and Applications. Asian Research Journal of Mathematics, 0, , 1-15.	0.2	9
48	On the Discrete Weibull Marshall�Olkin Family of Distributions: Properties, Characterizations, and Applications. Axioms, 2021, 10, 287.	0.9	9
49	The transmuted Gompertz-G family of distributions: properties and applications. Tbilisi Mathematical Journal, 2018, 11, .	0.3	8
50	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
51	Proteinaceous Trypsin Inhibitors from Plants in Disarming the Insect Pest. , 2019, , 309-331.		8
52	The extended Burr-R class: properties, applications and modified test for censored data. AIMS Mathematics, 2021, 6, 2912-2931.	0.7	7
53	Estimation of Constant Stress Partially Accelerated Life Test for Fr�chet Distribution with Type-I Censoring. Mathematical Problems in Engineering, 2021, 2021, 1-8.	0.6	7
54	Odd Burr-G Poisson Family of Distributions. Journal of Statistics Applications and Probability, 2018, 7, 9-28.	0.5	7

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55	A New Useful Exponential Model with Applications to Quality Control and Actuarial Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-27.	1.1	7
56	Type II Toppâ€“Leone Inverted Kumaraswamy Distribution with Statistical Inference and Applications. Symmetry, 2019, 11, 1459.	1.1	6
57	On a New Result on the Ratio Exponentiated General Family of Distributions with Applications. Mathematics, 2020, 8, 598.	1.1	6
58	On a modified Burr XII distribution having flexible hazard rate shapes. Mathematica Slovaca, 2020, 70, 193-212.	0.3	6
59	Statistical Properties and Different Methods of Estimation for Type I Half Logistic Inverted Kumaraswamy Distribution. Mathematics, 2019, 7, 1002.	1.1	5
60	Box-Cox Gamma-G Family of Distributions: Theory and Applications. Mathematics, 2020, 8, 1801.	1.1	5
61	COVID-19 Infected Lung Computed Tomography Segmentation and Supervised Classification Approach. Computers, Materials and Continua, 2021, 68, 391-407.	1.5	5
62	The Transmuted Odd Lindley-G Family of Distributions. Asian Journal of Probability and Statistics, 0, , 1-25.	0.0	5
63	The U Family of Distributions: Properties and Applications. Mathematica Slovaca, 2022, 72, 217-240.	0.3	5
64	A new extended gumbel distribution: Properties and application. PLoS ONE, 2022, 17, e0267142.	1.1	5
65	The Generalized Odd Linear Exponential Family of Distributions with Applications to Reliability Theory. Mathematical and Computational Applications, 2022, 27, 55.	0.7	5
66	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
67	Kumaraswamy odd Burr G family of distributions with applications to reliability data. Studia Scientiarum Mathematicarum Hungarica, 2018, 55, 94-114.	0.1	4
68	A new extended generalized Burr-III family of distributions. Tbilisi Mathematical Journal, 2018, 11, .	0.3	4
69	Computing Expectiles Using k-Nearest Neighbours Approach. Symmetry, 2021, 13, 645.	1.1	4
70	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
71	Study of a Modified Kumaraswamy Distribution. Mathematics, 2021, 9, 2836.	1.1	4
72	The Odd Gamma Weibull-Geometric Model: Theory and Applications. Mathematics, 2019, 7, 399.	1.1	3

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73	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
74	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
75	New Modified Burr III Distribution, Properties and Applications. Mathematical and Computational Applications, 2021, 26, 82.	0.7	3
76	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
77	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
78	Emotion Based Facial Expression Detection Using Machine Learning Approach. Journal of Applied and Emerging Sciences, 2020, 10, 35.	0.2	2
79	The Minimum Lindley Lomax Distribution: Properties and Applications. Mathematical and Computational Applications, 2022, 27, 16.	0.7	2
80	Forecasting Tennis Match Results Using the Bradley-Terry Model. International Journal of Photoenergy, 2022, 2022, 1-12.	1.4	2
81	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
82	Half Logistic Inverse Lomax Distribution with Applications. Symmetry, 2021, 13, 309.	1.1	1
83	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
84	The Poisson exponential-G family of distributions with properties and applications. Journal of Statistics and Management Systems, 2020, 23, 1391-1414.	0.3	0
85	An Extension of Karrupâ€“Kingâ€“Newton Index. Mathematical Problems in Engineering, 2022, 2022, 1-6.	0.6	0
86	Some New Dimensions to Construct Economical Circular Weakly Balanced Neighbor Robust Designs. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	0