Ahad

List of Publications by Year
in descending order

80 papers	617 citations	759233 12 h-index	752698 20 g-index
80 all docs	80 docs citations	80 times ranked	274 citing authors

#	Article	IF	Citations
1	Bivariate Birnbaum–Saunders distribution and associated inference. Journal of Multivariate Analysis, 2010, 101, 113-125.	1.0	67
2	Generalized multivariate Birnbaum–Saunders distributions and related inferential issues. Journal of Multivariate Analysis, 2013, 116, 230-244.	1.0	43
3	A new class of skew-Cauchy distributions. Statistics and Probability Letters, 2006, 76, 1488-1493.	0.7	32
4	Distributions of order statistics and linear combinations of order statistics from an elliptical distribution as mixtures of unified skew-elliptical distributions. Journal of Multivariate Analysis, 2010, 101, 1412-1427.	1.0	31
5	A two-parameter generalized skew-normal distribution. Statistics and Probability Letters, 2008, 78, 1722-1726.	0.7	24
6	Weighted Marshall–Olkin bivariate exponential distribution. Statistics, 2013, 47, 917-928.	0.6	24
7	Recurrence relations for distributions of a skew- and a linear combination of order statistics from a bivariate-. Computational Statistics and Data Analysis, 2009, 53, 847-852.	1.2	23
8	A generalized skew two-piece skew-normal distribution. Statistical Papers, 2011, 52, 431-446.	1.2	21
9	Multivariate normal mean–variance mixture distribution based on Birnbaum–Saunders distribution. Journal of Statistical Computation and Simulation, 2015, 85, 2736-2749.	1.2	19
10	Order statistics from trivariate normal and -distributions in terms of generalized skew-normal and skew- distributions. Journal of Statistical Planning and Inference, 2009, 139, 3799-3819.	0.6	16
11	Class-Agnostic Weighted Normalization of Staining in Histopathology Images Using a Spatially Constrained Mixture Model. IEEE Transactions on Medical Imaging, 2020, 39, 3355-3366.	8.9	16
12	A novel mixture model using the multivariate normal mean–variance mixture of Birnbaum–Saunders distributions and its application to extrasolar planets. Journal of Multivariate Analysis, 2019, 171, 126-138.	1.0	14
13	Mean mixtures of normal distributions: properties, inference and application. Metrika, 2019, 82, 501-528.	0.8	13
14	A Multivariate Birnbaum-Saunders Distribution Based on the Multivariate Skew Normal Distribution. Journal of the Japan Statistical Society, 2015, 45, 1-20.	0.1	12
15	Nonlinear regression models based on the normal mean–variance mixture of Birnbaum–Saunders distribution. Journal of the Korean Statistical Society, 2017, 46, 476-485.	0.4	11
16	Prediction in a trivariate normal distribution via a linear combination of order statistics. Statistics and Probability Letters, 2009, 79, 2289-2296.	0.7	10
17	Recurrence relations for bivariate and extended skew- distributions and an application to order statistics from bivariate. Computational Statistics and Data Analysis, 2009, 53, 4018-4027.	1.2	9
18	On bivariate and a mixture of bivariate Birnbaum–Saunders distributions. Statistical Methodology, 2015, 23, 1-17.	0.5	9

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19	A general class of scale-shape mixtures of skew-normal distributions: properties and estimation. Computational Statistics, 2017, 32, 451-474.	1.5	9
20	On moments of doubly truncated multivariate normal mean–variance mixture distributions with application to multivariate tail conditional expectation. Journal of Multivariate Analysis, 2020, 177, 104586.	1.0	9
21	Comparison of the multivariate skew-normal random vectors based on the integral stochastic ordering. Communications in Statistics - Theory and Methods, 2021, 50, 5215-5227.	1.0	9
22	Multivariate normal mean-variance mixture distribution based on Lindley distribution. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 1179-1192.	1.2	8
23	Dual-Tree Complex Wavelet Coefficient Magnitude Modeling Using Scale Mixtures of Rayleigh Distribution for Image Denoising. Circuits, Systems, and Signal Processing, 2020, 39, 2968-2993.	2.0	8
24	Family of mean-mixtures of multivariate normal distributions: Properties, inference and assessment of multivariate skewness. Journal of Multivariate Analysis, 2021, 181, 104679.	1.0	8
25	Concomitants of order statistics from multivariate elliptical distributions. Journal of Statistical Planning and Inference, 2012, 142, 397-409.	0.6	7
26	Prediction based on linear combinations of order statistics and bivariate concomitants in the case of multivariate elliptical distributions. Journal of Statistical Computation and Simulation, 2014, 84, 1079-1098.	1.2	7
27	The alpha–beta skew normal distribution: properties and applications. Statistics, 0, , 1-12.	0.6	7
28	Linear orderings of the scale mixtures of the multivariate skew-normal distribution. Journal of Multivariate Analysis, 2020, 179, 104647.	1.0	7
29	Regression analysis using order statistics. Statistical Papers, 2011, 52, 885-892.	1.2	6
30	On a Selection Weibull Distribution. Communications in Statistics - Theory and Methods, 2015, 44, 1640-1652.	1.0	6
31	Shape mixtures of skew-t-normal distributions: characterizations and estimation. Computational Statistics, 2019, 34, 323-347.	1.5	6
32	Use of finite mixture models with skew-t-normal Birnbaum-Saunders components in the analysis of wind speed: Case studies in Ontario, Canada. Renewable Energy, 2020, 162, 196-211.	8.9	6
33	Normal mean-variance Lindley Birnbaum–Saunders distribution. Statistics and Its Interface, 2019, 12, 585-597.	0.3	6
34	Image denoising in undecimated dual-tree complex wavelet domain using multivariate t-distribution. Multimedia Tools and Applications, 2020, 79, 22447-22471.	3.9	6
35	Order statistics and linear combination of order statistics arising from a bivariate selection normal distribution. Statistics and Probability Letters, 2010, 80, 445-451.	0.7	5
36	$$L$$ L -statistics from multivariate unified skew-elliptical distributions. Metrika, 2014, 77, 559-583.	0.8	5

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37	On a nonlinear Birnbaum–Saunders model based on a bivariate construction and its characteristics. Communications in Statistics - Theory and Methods, 2016, 45, 772-793.	1.0	5
38	Conditional distributions of multivariate normal mean–variance mixtures. Statistics and Probability Letters, 2019, 145, 312-316.	0.7	5
39	Finite mixtures of multivariate scale-shape mixtures of skew-normal distributions. Statistical Papers, 2020, 61, 2643-2670.	1.2	5
40	A skew factor analysis model based on the normal mean–variance mixture of Birnbaum–Saunders distribution. Journal of Applied Statistics, 2020, 47, 3007-3029.	1.3	5
41	Modeling right-skewed financial data streams: A likelihood inference based on the generalized Birnbaum–Saunders mixture model. Applied Mathematics and Computation, 2020, 376, 125109.	2.2	5
42	A flexible factor analysis based on the class of mean-mixture of normal distributions. Computational Statistics and Data Analysis, 2021, 157, 107162.	1.2	5
43	Maximum likelihood estimation for scale-shape mixtures of flexible generalized skew normal distributions via selection representation. Computational Statistics, 2021, 36, 2201-2230.	1.5	5
44	Integral stochastic ordering of the multivariate normal mean-variance and the skew-normal scale-shape mixture models. Statistics, Optimization and Information Computing, 2020, 8, 1-16.	0.7	5
45	The generalized half-t distribution. Statistics and Its Interface, 2017, 10, 727-734.	0.3	5
46	A generalized skew two-piece skew-elliptical distribution. Statistical Papers, 2014, 55, 409-429.	1.2	4
47	Discussion of "Birnbaum–Saunders distribution: A review of models, analysis, and applications". Applied Stochastic Models in Business and Industry, 2019, 35, 82-89.	1.5	4
48	A Multivariate Flexible Skew-Symmetric-Normal Distribution: Scale-Shape Mixtures and Parameter Estimation via Selection Representation. Symmetry, 2021, 13, 1343.	2.2	4
49	Exact distribution of a linear combination of a variable and order statistics from the other two variables of a trivariate elliptical random vector as a mixture of skew-elliptical distributions. Statistical Methodology, 2009, 6, 634-644.	0.5	3
50	Order statistics and their concomitants from multivariate normal mean–variance mixture distributions with application to Swiss Markets Data. Communications in Statistics - Theory and Methods, 2017, 46, 10991-11009.	1.0	3
51	On the Extended Birnbaum–Saunders Distribution Based on the Skew-t-Normal Distribution. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1689-1703.	1.5	3
52	On the Finite Mixture Modelling via Normal Mean-variance Birnbaum-Saunders Distribution. Journal of the Iranian Statistical Society, 2017, 16, 33-52.	0.2	3
53	Regression mean residual life of a system with three dependent components with normal lifetimes. Statistics and Probability Letters, 2015, 100, 182-191.	0.7	2
54	Some multivariate singular unified skew-normal distributions and their application. Communications in Statistics - Theory and Methods, 2016, 45, 2159-2171.	1.0	2

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55	Stochastic ordering of medians in exchangeable trivariate normal vectors. Applied Mathematics, 2016, 31, 148-156.	1.0	2
56	Properties and Inference for a New Class of Skew-t Distributions. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 3217-3237.	1.2	2
57	Concomitants of multivariate order statistics from multivariate elliptical distributions. Communications in Statistics - Theory and Methods, 2016, 45, 722-738.	1.0	2
58	On the bivariate weighted exponential distribution based on the generalized exponential distribution. Communications in Statistics - Theory and Methods, 2017, 46, 3641-3648.	1.0	2
59	Finite mixture modeling using shape mixtures of the skew scale mixtures of normal distributions. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 3345-3366.	1.2	2
60	STOCHASTIC ORDERING OF LIFETIMES OF PARALLEL AND SERIES SYSTEMS COMPRISING HETEROGENEOUS DEPENDENT COMPONENTS WITH GENERALIZED BIRNBAUM-SAUNDERS DISTRIBUTIONS. Probability in the Engineering and Informational Sciences, 2022, 36, 49-65.	0.8	2
61	A theoretical framework for Landsat data modeling based on the matrix variate mean-mixture of normal model. PLoS ONE, 2020, 15, e0230773.	2.5	2
62	A robust class of multivariate fatigue distributions based on normal mean-variance mixture model. Journal of the Korean Statistical Society, 2021, 50, 44-68.	0.4	2
63	On multivariate selection scale-mixtures of normal distributions. Brazilian Journal of Probability and Statistics, 2021, 35, .	0.4	2
64	Distribution of linear combinations of unordered and ordered components of an elliptical random vector. Journal of the Korean Statistical Society, 2012, 41, 257-265.	0.4	1
65	A note on â€œMaximum distributions for -symmetric vectors are skewed -symmetric distributionsâ€•by. Statistics and Probability Letters, 2013, 83, 2522-2523.	0.7	1
66	Regression via order statistics and their concomitants. Statistics, 2014, 48, 436-446.	0.6	1
67	On Bivariate Order Statistics from Elliptical Distributions. Communications in Statistics - Theory and Methods, 2014, 43, 2183-2198.	1.0	1
68	Prediction of Variables Via Their Order Statistics in Bivariate Elliptical Distributions with Application in the Financial Markets. Communications in Statistics - Theory and Methods, 2015, 44, 627-643.	1.0	1
69	Inference and further probabilistic properties of the $$ SUN_{n,2}$$ S U N n , 2 -distribution. Statistical Papers, 2015, 56, 1071-1098.	1.2	1
70	Evaluating Risk Measures Using the Normal Mean-Variance Birnbaum-Saunders Distribution. Emerging Topics in Statistics and Biostatistics, 2020, , 187-209.	0.1	1
71	On the exact distribution of order statistics arising from a doubly truncated bivariate elliptical distribution. Metron, 2018, 76, 99-114.	1.2	0
72	Stochastic ordering of medians in samples from normal distributions. Communications in Statistics - Theory and Methods, 2019, 48, 3413-3420.	1.0	0

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73	Efficient recursive computational algorithms for multivariate t and multivariate unified skew-t distributions with applications to inference. Computational Statistics, 0, , 1.	1.5	0
74	Parsimonious mixture‑of‑experts based on mean mixture of multivariate normal distributions. Stat, 2022, 11, e421.	0.4	0
75	Multivariate Order Statistics Induced by Ordering Linear Combinations of Components of Multivariate Elliptical Random Vectors. Emerging Topics in Statistics and Biostatistics, 2020, , 51-71.	0.1	0
76	The Extended Birnbaum–Saunders Distribution Based on the Scale Shape Mixture of Skew Normal Distributions. Journal of Statistical Theory and Applications, 2021, 20, 481-517.	0.9	0
77	Title is missing!. , 2020, 15, e0230773.		0
78	Title is missing!. , 2020, 15, e0230773.		0
79	Title is missing!. , 2020, 15, e0230773.		0
80	Title is missing!. , 2020, 15, e0230773.		0