

Ahad

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

617
citations

759233

12
h-index

752698

20
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80
all docs

80
docs citations

80
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	STOCHASTIC ORDERING OF LIFETIMES OF PARALLEL AND SERIES SYSTEMS COMPRISING HETEROGENEOUS DEPENDENT COMPONENTS WITH GENERALIZED BIRNBAUM-SAUNDERS DISTRIBUTIONS. <i>Probability in the Engineering and Informational Sciences</i> , 2022, 36, 49-65.	0.8	2
2	Parsimonious mixture of experts based on mean mixture of multivariate normal distributions. <i>Stat.</i> , 2022, 11, e421.	0.4	0
3	Comparison of the multivariate skew-normal random vectors based on the integral stochastic ordering. <i>Communications in Statistics - Theory and Methods</i> , 2021, 50, 5215-5227.	1.0	9
4	A robust class of multivariate fatigue distributions based on normal mean-variance mixture model. <i>Journal of the Korean Statistical Society</i> , 2021, 50, 44-68.	0.4	2
5	Family of mean-mixtures of multivariate normal distributions: Properties, inference and assessment of multivariate skewness. <i>Journal of Multivariate Analysis</i> , 2021, 181, 104679.	1.0	8
6	A flexible factor analysis based on the class of mean-mixture of normal distributions. <i>Computational Statistics and Data Analysis</i> , 2021, 157, 107162.	1.2	5
7	Maximum likelihood estimation for scale-shape mixtures of flexible generalized skew normal distributions via selection representation. <i>Computational Statistics</i> , 2021, 36, 2201-2230.	1.5	5
8	On multivariate selection scale-mixtures of normal distributions. <i>Brazilian Journal of Probability and Statistics</i> , 2021, 35, .	0.4	2
9	A Multivariate Flexible Skew-Symmetric-Normal Distribution: Scale-Shape Mixtures and Parameter Estimation via Selection Representation. <i>Symmetry</i> , 2021, 13, 1343.	2.2	4
10	The Extended Birnbaum-Saunders Distribution Based on the Scale Shape Mixture of Skew Normal Distributions. <i>Journal of Statistical Theory and Applications</i> , 2021, 20, 481-517.	0.9	0
11	Finite mixtures of multivariate scale-shape mixtures of skew-normal distributions. <i>Statistical Papers</i> , 2020, 61, 2643-2670.	1.2	5
12	Finite mixture modeling using shape mixtures of the skew scale mixtures of normal distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, 49, 3345-3366.	1.2	2
13	Dual-Tree Complex Wavelet Coefficient Magnitude Modeling Using Scale Mixtures of Rayleigh Distribution for Image Denoising. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 2968-2993.	2.0	8
14	On moments of doubly truncated multivariate normal mean-variance mixture distributions with application to multivariate tail conditional expectation. <i>Journal of Multivariate Analysis</i> , 2020, 177, 104586.	1.0	9
15	A skew factor analysis model based on the normal mean-variance mixture of Birnbaum-Saunders distribution. <i>Journal of Applied Statistics</i> , 2020, 47, 3007-3029.	1.3	5
16	Class-Agnostic Weighted Normalization of Staining in Histopathology Images Using a Spatially Constrained Mixture Model. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3355-3366.	8.9	16
17	Use of finite mixture models with skew-t-normal Birnbaum-Saunders components in the analysis of wind speed: Case studies in Ontario, Canada. <i>Renewable Energy</i> , 2020, 162, 196-211.	8.9	6
18	Linear orderings of the scale mixtures of the multivariate skew-normal distribution. <i>Journal of Multivariate Analysis</i> , 2020, 179, 104647.	1.0	7

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19	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
20	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
21	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
22	Image denoising in undecimated dual-tree complex wavelet domain using multivariate t-distribution. Multimedia Tools and Applications, 2020, 79, 22447-22471.	3.9	6
23	Evaluating Risk Measures Using the Normal Mean-Variance Birnbaum-Saunders Distribution. Emerging Topics in Statistics and Biostatistics, 2020, , 187-209.	0.1	1
24	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
25	Title is missing!. , 2020, 15, e0230773.		0
26	Title is missing!. , 2020, 15, e0230773.		0
27	Title is missing!. , 2020, 15, e0230773.		0
28	Title is missing!. , 2020, 15, e0230773.		0
29	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
30	Shape mixtures of skew-t-normal distributions: characterizations and estimation. Computational Statistics, 2019, 34, 323-347.	1.5	6
31	Mean mixtures of normal distributions: properties, inference and application. Metrika, 2019, 82, 501-528.	0.8	13
32	Stochastic ordering of medians in samples from normal distributions. Communications in Statistics - Theory and Methods, 2019, 48, 3413-3420.	1.0	0
33	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
34	Conditional distributions of multivariate normal mean-variance mixtures. Statistics and Probability Letters, 2019, 145, 312-316.	0.7	5
35	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
36	Normal mean-variance Lindley Birnbaum-Saunders distribution. Statistics and Its Interface, 2019, 12, 585-597.	0.3	6

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37	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
38	On the exact distribution of order statistics arising from a doubly truncated bivariate elliptical distribution. Metron, 2018, 76, 99-114.	1.2	0
39	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
40	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
41	A general class of scale-shape mixtures of skew-normal distributions: properties and estimation. Computational Statistics, 2017, 32, 451-474.	1.5	9
42	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
43	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
44	The generalized half-t distribution. Statistics and Its Interface, 2017, 10, 727-734.	0.3	5
45	Some multivariate singular unified skew-normal distributions and their application. Communications in Statistics - Theory and Methods, 2016, 45, 2159-2171.	1.0	2
46	Stochastic ordering of medians in exchangeable trivariate normal vectors. Applied Mathematics, 2016, 31, 148-156.	1.0	2
47	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
48	Concomitants of multivariate order statistics from multivariate elliptical distributions. Communications in Statistics - Theory and Methods, 2016, 45, 722-738.	1.0	2
49	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
50	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
51	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
52	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
53	Inference and further probabilistic properties of the $SUN_{n,2}$ distribution. Statistical Papers, 2015, 56, 1071-1098.	1.2	1
54	On a Selection Weibull Distribution. Communications in Statistics - Theory and Methods, 2015, 44, 1640-1652.	1.0	6

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55	On bivariate and a mixture of bivariate Birnbaum-Saunders distributions. <i>Statistical Methodology</i> , 2015, 23, 1-17.	0.5	9
56	Multivariate normal mean-variance mixture distribution based on Birnbaum-Saunders distribution. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 2736-2749.	1.2	19
57	Regression via order statistics and their concomitants. <i>Statistics</i> , 2014, 48, 436-446.	0.6	1
58	On Bivariate Order Statistics from Elliptical Distributions. <i>Communications in Statistics - Theory and Methods</i> , 2014, 43, 2183-2198.	1.0	1
59	Prediction based on linear combinations of order statistics and bivariate concomitants in the case of multivariate elliptical distributions. <i>Journal of Statistical Computation and Simulation</i> , 2014, 84, 1079-1098.	1.2	7
60	A generalized skew two-piece skew-elliptical distribution. <i>Statistical Papers</i> , 2014, 55, 409-429.	1.2	4
61	L -statistics from multivariate unified skew-elliptical distributions. <i>Metrika</i> , 2014, 77, 559-583.	0.8	5
62	A note on Maximum distributions for γ -symmetric vectors are skewed γ -symmetric distributions by. <i>Statistics and Probability Letters</i> , 2013, 83, 2522-2523.	0.7	1
63	Generalized multivariate Birnbaum-Saunders distributions and related inferential issues. <i>Journal of Multivariate Analysis</i> , 2013, 116, 230-244.	1.0	43
64	Weighted Marshall-Olkin bivariate exponential distribution. <i>Statistics</i> , 2013, 47, 917-928.	0.6	24
65	Concomitants of order statistics from multivariate elliptical distributions. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 397-409.	0.6	7
66	Distribution of linear combinations of unordered and ordered components of an elliptical random vector. <i>Journal of the Korean Statistical Society</i> , 2012, 41, 257-265.	0.4	1
67	A generalized skew two-piece skew-normal distribution. <i>Statistical Papers</i> , 2011, 52, 431-446.	1.2	21
68	Regression analysis using order statistics. <i>Statistical Papers</i> , 2011, 52, 885-892.	1.2	6
69	Bivariate Birnbaum-Saunders distribution and associated inference. <i>Journal of Multivariate Analysis</i> , 2010, 101, 113-125.	1.0	67
70	Distributions of order statistics and linear combinations of order statistics from an elliptical distribution as mixtures of unified skew-elliptical distributions. <i>Journal of Multivariate Analysis</i> , 2010, 101, 1412-1427.	1.0	31
71	Order statistics and linear combination of order statistics arising from a bivariate selection normal distribution. <i>Statistics and Probability Letters</i> , 2010, 80, 445-451.	0.7	5
72	Prediction in a trivariate normal distribution via a linear combination of order statistics. <i>Statistics and Probability Letters</i> , 2009, 79, 2289-2296.	0.7	10

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73	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. <i>Statistical Methodology</i> , 2009, 6, 634-644.	0.5	3
74	Order statistics from trivariate normal and t -distributions in terms of generalized skew-normal and skew- t -distributions. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 3799-3819.	0.6	16
75	Recurrence relations for distributions of a skew- and a linear combination of order statistics from a bivariate- t . <i>Computational Statistics and Data Analysis</i> , 2009, 53, 847-852.	1.2	23
76	Recurrence relations for bivariate and extended skew- t -distributions and an application to order statistics from bivariate. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 4018-4027.	1.2	9
77	A two-parameter generalized skew-normal distribution. <i>Statistics and Probability Letters</i> , 2008, 78, 1722-1726.	0.7	24
78	A new class of skew-Cauchy distributions. <i>Statistics and Probability Letters</i> , 2006, 76, 1488-1493.	0.7	32
79	The alpha- β skew normal distribution: properties and applications. <i>Statistics</i> , 0, , 1-12.	0.6	7
80	Efficient recursive computational algorithms for multivariate t and multivariate unified skew- t distributions with applications to inference. <i>Computational Statistics</i> , 0, , 1.	1.5	0