

Francisco J Caro-Lopera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4452294/publications.pdf>

Version: 2024-02-01

29
papers

176
citations

1478505

6
h-index

1199594

12
g-index

29
all docs

29
docs citations

29
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Connection between the Hadamard and matrix products with an application to matrix-variate Birnbaum-Saunders distributions. <i>Journal of Multivariate Analysis</i> , 2012, 104, 126-139.	1.0	36
2	Noncentral elliptical configuration density. <i>Journal of Multivariate Analysis</i> , 2010, 101, 32-43.	1.0	24
3	Validation of the accuracy of the CHIRPS precipitation dataset at representing climate variability in a tropical mountainous region of South America. <i>Physics and Chemistry of the Earth</i> , 2022, 127, 103184.	2.9	19
4	On matrix-variate Birnbaum-Saunders distributions and their estimation and application. <i>Brazilian Journal of Probability and Statistics</i> , 2015, 29, .	0.4	18
5	About Validation-Comparison of Burned Area Products. <i>Remote Sensing</i> , 2020, 12, 3972.	4.0	13
6	On Generalized Wishart Distributions - I: Likelihood Ratio Test for Homogeneity of Covariance Matrices. <i>Sankhya A</i> , 2014, 76, 179-194.	0.8	8
7	Statistical theory of shape under elliptical models and singular value decompositions. <i>Journal of Multivariate Analysis</i> , 2012, 103, 77-92.	1.0	7
8	Generalised Shape Theory Via Pseudo-Wishart Distribution. <i>Sankhya A</i> , 2013, 75, 253-276.	0.8	7
9	Generalised shape theory via SV decomposition I. <i>Metrika</i> , 2012, 75, 541-565.	0.8	6
10	Matrix-variate distribution theory under elliptical models-4: Joint distribution of latent roots of covariance matrix and the largest and smallest latent roots. <i>Journal of Multivariate Analysis</i> , 2016, 145, 224-235.	1.0	5
11	Estimation of mean form and mean form difference under elliptical laws. <i>Electronic Journal of Statistics</i> , 2017, 11, .	0.7	5
12	Statistical theory of shape under elliptical models via QR decomposition. <i>Statistics</i> , 2014, 48, 456-472.	0.6	4
13	Diagonalization matrix and its application in distribution theory. <i>Statistics</i> , 2016, 50, 870-880.	0.6	4
14	A formula for Jack polynomials of the second order. <i>Applicationes Mathematicae</i> , 2007, 34, 113-119.	0.1	4
15	On Generalized Wishart Distributions - II: Sphericity Test. <i>Sankhya A</i> , 2014, 76, 195-218.	0.8	3
16	The Generalized Pascal Triangle and the Matrix Variate Jensen-Logistic Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2015, 44, 2738-2752.	1.0	3
17	Inference in affine shape theory under elliptical models. <i>Journal of the Korean Statistical Society</i> , 2014, 43, 67-77.	0.4	2
18	Elliptical affine shape distributions for real normed division algebras. <i>Journal of Multivariate Analysis</i> , 2016, 144, 139-149.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Matrix Variate Distribution Theory under Elliptical Models—V: The Non-Central Wishart and Inverted Wishart Distributions. <i>Mathematical Methods of Statistics</i> , 2022, 31, 18-42.	0.6	2
20	Evaluation of matrix Liouville—Dirichlet integrals using Laplace transform. <i>Integral Transforms and Special Functions</i> , 2006, 17, 245-255.	1.2	1
21	Discussion of —Birnbaum—Saunders distribution: A review of models, analysis, and applications—by N. Balakrishnan and D. Kundu. <i>Applied Stochastic Models in Business and Industry</i> , 2019, 35, 104-109.	1.5	1
22	Matrix variate Birnbaum—Saunders distribution under elliptical models. <i>Journal of Statistical Planning and Inference</i> , 2021, 210, 100-113.	0.6	1
23	THE IMPOSSIBILITY OF A RECURRENCE CONSTRUCTION OF THE INVARIANT POLYNOMIALS BY USING THE LAPLACE-BELTRAMI OPERATOR. <i>Far East Journal of Mathematical Sciences</i> , 2016, 100, 1265-1288.	0.0	1
24	Determinants, permanents and some applications to statistical shape theory. <i>Journal of Multivariate Analysis</i> , 2013, 114, 29-39.	1.0	0
25	Matric variate Pearson type II-Riesz distribution. <i>Journal of King Saud University - Science</i> , 2016, 28, 359-367.	3.5	0
26	Statistical Theory of Shape Under Elliptical Models via Polar Decompositions. <i>Sankhya A</i> , 2019, 81, 445-465.	0.8	0
27	Singular matrix variate Birnbaum-Saunders distribution under elliptical models. <i>Communications in Statistics - Theory and Methods</i> , 0, , 1-15.	1.0	0
28	Multimetricvariate distribution under elliptical models. <i>Journal of Statistical Planning and Inference</i> , 2022, 216, 109-117.	0.6	0
29	Estimaci3n de emisiones atmosf3ricas de CO2, NO2, CO, NH3 y Black Carbon v3a bottom up, generados por quema de biomasa en el norte de Am3rica del Sur. <i>Revista De Teledeteccion</i> , 2022, , 23-46.	0.6	0