

FÃ©lix Belzunce

List of Publications by Year in descending order

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76
papers

1,209
citations

430874

18
h-index

477307

29
g-index

81
all docs

81
docs citations

81
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Some results on residual entropy function. <i>Metrika</i> , 2004, 59, 147-161.	0.8	84
2	STOCHASTIC COMPARISONS OF GENERALIZED ORDER STATISTICS. <i>Probability in the Engineering and Informational Sciences</i> , 2005, 19, 99-120.	0.8	65
3	STOCHASTIC COMPARISONS OF NONHOMOGENEOUS PROCESSES. <i>Probability in the Engineering and Informational Sciences</i> , 2001, 15, 199-224.	0.8	54
4	ON PARTIAL ORDERINGS BETWEEN COHERENT SYSTEMS WITH DIFFERENT STRUCTURES. <i>Probability in the Engineering and Informational Sciences</i> , 2001, 15, 273-293.	0.8	47
5	The Laplace order and ordering of residual lives. <i>Statistics and Probability Letters</i> , 1999, 42, 145-156.	0.7	43
6	On non-monotonic ageing properties from the Laplace transform, with actuarial applications. <i>Insurance: Mathematics and Economics</i> , 2007, 40, 1-14.	1.2	41
7	On a characterization of right spread order by the increasing convex order. <i>Statistics and Probability Letters</i> , 1999, 45, 103-110.	0.7	40
8	On allocation of redundant components for systems with dependent components. <i>European Journal of Operational Research</i> , 2013, 230, 573-580.	5.7	40
9	Stochastic comparisons of multivariate mixture models. <i>Journal of Multivariate Analysis</i> , 2009, 100, 1657-1669.	1.0	39
10	Quantile curves and dependence structure for bivariate distributions. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 5112-5129.	1.2	37
11	Increasing directionally convex orderings of random vectors having the same copula, and their use in comparing ordered data. <i>Journal of Multivariate Analysis</i> , 2012, 105, 45-54.	1.0	28
12	On optimal allocation of redundant components for series and parallel systems of two dependent components. <i>Journal of Statistical Planning and Inference</i> , 2011, 141, 3094-3104.	0.6	27
13	The dilation order, the dispersion order, and orderings of residual lives. <i>Statistics and Probability Letters</i> , 1997, 33, 263-275.	0.7	24
14	Multivariate aging properties of epoch times of nonhomogeneous processes. <i>Journal of Multivariate Analysis</i> , 2003, 84, 335-350.	1.0	24
15	ON AGING PROPERTIES BASED ON THE RESIDUAL LIFE OF k-OUT-OF-n SYSTEMS. <i>Probability in the Engineering and Informational Sciences</i> , 1999, 13, 193-199.	0.8	22
16	On testing the dilation order and HNBUE alternatives. <i>Annals of the Institute of Statistical Mathematics</i> , 2005, 57, 803-815.	0.8	21
17	On multivariate dispersion orderings based on the standard construction. <i>Statistics and Probability Letters</i> , 2008, 78, 271-281.	0.7	21
18	A note on stochastic comparisons of excess lifetimes of renewal processes. <i>Journal of Applied Probability</i> , 2001, 38, 747-753.	0.7	20

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19	On preservation of some shifted and proportional orders by systems. <i>Statistics and Probability Letters</i> , 2002, 60, 141-154.	0.7	20
20	DISPERSION-TYPE VARIABILITY ORDERS. <i>Probability in the Engineering and Informational Sciences</i> , 2003, 17, 305-334.	0.8	20
21	Dispersive orderings and characterization of ageing classes. <i>Statistics and Probability Letters</i> , 1996, 28, 321-327.	0.7	19
22	New Stochastic Orders Based on Double Truncation. <i>Probability in the Engineering and Informational Sciences</i> , 1997, 11, 395-402.	0.8	19
23	Stochastic comparisons of mixtures of convexly ordered distributions with applications in reliability theory. <i>Statistics and Probability Letters</i> , 2001, 53, 363-372.	0.7	19
24	On sufficient conditions for mean residual life and related orders. <i>Computational Statistics and Data Analysis</i> , 2013, 61, 199-210.	1.2	19
25	Comparison of hazard rates for dependent random variables. <i>Statistics</i> , 2016, 50, 630-648.	0.6	18
26	Comparison of risks based on the expected proportional shortfall. <i>Insurance: Mathematics and Economics</i> , 2012, 51, 292-302.	1.2	17
27	Allocation of a relevation in redundancy problems. <i>Applied Stochastic Models in Business and Industry</i> , 2019, 35, 492-503.	1.5	17
28	A family of tests for right spread order. <i>Statistics and Probability Letters</i> , 2001, 54, 79-92.	0.7	16
29	UNIVARIATE AND MULTIVARIATE LIKELIHOOD RATIO ORDERING OF GENERALIZED ORDER STATISTICS AND ASSOCIATED CONDITIONAL VARIABLES. <i>Probability in the Engineering and Informational Sciences</i> , 2010, 24, 441-455.	0.8	16
30	A note on stochastic comparisons of excess lifetimes of renewal processes. <i>Journal of Applied Probability</i> , 2001, 38, 747-753.	0.7	16
31	KERNEL ESTIMATION OF RESIDUAL ENTROPY. <i>Communications in Statistics - Theory and Methods</i> , 2001, 30, 1243-1255.	1.0	15
32	Preservation of association in multivariate shock and claim models. <i>Operations Research Letters</i> , 2002, 30, 223-230.	0.7	15
33	Testing mean residual alternatives by dispersion of residual lives. <i>Journal of Statistical Planning and Inference</i> , 2000, 86, 113-127.	0.6	14
34	Preservation of positive and negative orthant dependence concepts under mixtures and applications. <i>Journal of Applied Probability</i> , 2004, 41, 961-974.	0.7	14
35	On sufficient conditions for the comparison in the excess wealth order and spacings. <i>Journal of Applied Probability</i> , 2016, 53, 33-46.	0.7	14
36	Characterizations of the hazard rate order and IFR aging notion. <i>Statistics and Probability Letters</i> , 2004, 70, 235-242.	0.7	13

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37	Comparison of concentration for several families of income distributions. Statistics and Probability Letters, 2013, 83, 1036-1045.	0.7	13
38	Testing the stochastic order and the IFR,DFR, NBU,NWU ageing classes. IEEE Transactions on Reliability, 1998, 47, 285-296.	4.6	12
39	A multivariate IFR notion based on the multivariate dispersive ordering. Applied Stochastic Models in Business and Industry, 2009, 25, 339-358.	1.5	10
40	REVISITING MULTIVARIATE LIKELIHOOD RATIO ORDERING RESULTS FOR ORDER STATISTICS. Probability in the Engineering and Informational Sciences, 2011, 25, 355-368.	0.8	10
41	Univariate stochastic orders. , 2016, , 27-113.		10
42	Multivariate properties of random vectors of order statistics. Journal of Statistical Planning and Inference, 2003, 115, 413-424.	0.6	9
43	Failure profiles of coherent systems. Naval Research Logistics, 2004, 51, 477-490.	2.2	9
44	Variability of total claim amounts under dependence between claims severity and number of events. Insurance: Mathematics and Economics, 2006, 38, 460-468.	1.2	9
45	On the Comparison of Relative Spacings with Applications. Methodology and Computing in Applied Probability, 2017, 19, 357-376.	1.2	9
46	Comparisons of policies based on relevation and replacement by a new one unit in reliability. Test, 2021, 30, 211-227.	1.1	9
47	Multivariate stochastic orders. , 2016, , 115-148.		9
48	Comparison of Expected Failure Times for Several Replacement Policies. IEEE Transactions on Reliability, 2006, 55, 490-495.	4.6	8
49	A note on replacement policy comparisons from NBUC lifetime of the unit. Statistical Papers, 2005, 46, 509-522.	1.2	7
50	Comparison of increasing directionally convex transformations of random vectors with a common copula. Insurance: Mathematics and Economics, 2012, 50, 385-390.	1.2	7
51	Multivariate dispersive ordering of epoch times of nonhomogeneous Poisson processes. Journal of Applied Probability, 2002, 39, 637-643.	0.7	7
52	Aging Properties of a Discrete-Time Failure and Repair Model. IEEE Transactions on Reliability, 2009, 58, 161-171.	4.6	6
53	A characterization and sufficient conditions for the total time on test transform order. Test, 2014, 23, 72-85.	1.1	6
54	On sufficient conditions for the comparison of some quantile-based measures. Communications in Statistics - Theory and Methods, 2017, 46, 6512-6527.	1.0	6

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55	f-Majorization with Applications to Stochastic Comparison of Extreme Order Statistics. Journal of Statistical Theory and Applications, 2018, 17, 520.	0.9	6
56	Multivariate dispersive ordering of epoch times of nonhomogeneous Poisson processes. Journal of Applied Probability, 2002, 39, 637-643.	0.7	5
57	On rankings and top choices in random utility models with dependent utilities. Metrika, 2007, 66, 197-212.	0.8	5
58	Generalized orderings of excess lifetimes of renewal processes. Test, 2008, 17, 297-310.	1.1	5
59	Some results for the comparison of generalized order statistics in the total time on test and excess wealth orders. Statistical Papers, 2015, 56, 1175-1190.	1.2	5
60	Multivariate Comparisons of Ordered Data. Lecture Notes in Statistics, 2013, , 83-102.	0.2	5
61	Sufficient Conditions for some Transform Orders Based on the Quantile Density Ratio. Methodology and Computing in Applied Probability, 2021, 23, 29-52.	1.2	4
62	Tests for the total time on test transform order. Journal of Statistical Planning and Inference, 2005, 133, 111-121.	0.6	3
63	On relative skewness for multivariate distributions. Test, 2015, 24, 813-834.	1.1	3
64	On a new multivariate IFR ageing notion based on the standard construction. Applied Stochastic Models in Business and Industry, 2016, 32, 292-306.	1.5	3
65	Bounds for the hazard rate and the reversed hazard rate of the convolution of dependent random lifetimes. Journal of Applied Probability, 2019, 56, 1033-1043.	0.7	3
66	On the unimodality of the likelihood ratio with applications. Statistical Papers, 2019, 60, 223-237.	1.2	3
67	Reversed Preservation Properties for Series and Parallel Systems. Journal of Applied Probability, 2007, 44, 928-937.	0.7	3
68	STOCHASTIC ORDERINGS OF DISCRETE-TIME PROCESSES AND DISCRETE RECORD VALUES. Probability in the Engineering and Informational Sciences, 2006, 20, 447-464.	0.8	2
69	Reversed Preservation Properties for Series and Parallel Systems. Journal of Applied Probability, 2007, 44, 928-937.	0.7	2
70	New multivariate orderings based on conditional distributions. Applied Stochastic Models in Business and Industry, 2012, 28, 467-484.	1.5	2
71	On conditional skewness with applications to environmental data. Environmental and Ecological Statistics, 2016, 23, 491-512.	3.5	2
72	On ageing properties of first-passage times of increasing Markov processes. Advances in Applied Probability, 2002, 34, 241-259.	0.7	2

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73	Preservation of positive and negative orthant dependence concepts under mixtures and applications. Journal of Applied Probability, 2004, 41, 961-974.	0.7	1
74	Sufficient Conditions for Some Stochastic Orders of Discrete Random Variables with Applications in Reliability. Mathematics, 2022, 10, 147.	2.2	1
75	The ageing curve and partial orderings of life distributions. Statistical Papers, 1996, 37, 141-152.	1.2	0
76	On ageing properties of first-passage times of increasing Markov processes. Advances in Applied Probability, 2002, 34, 241-259.	0.7	0