Franco Pellerey

List of Publications by Year in descending order

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72	1,390	361413	377865
papers	citations	20 h-index	34 g-index

73	73	73	703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preservation of ILR and IFR aging classes in sums of dependent random variables. Applied Stochastic Models in Business and Industry, 2022, 38, 240-261.	1.5	11
2	Weak Dependence Notions and Their Mutual Relationships. Mathematics, 2021, 9, 81.	2.2	7
3	Some Results and Applications of Geometric Counting Processes. Methodology and Computing in Applied Probability, 2019, 21, 203-233.	1.2	12
4	On the role of dependence in residual lifetimes. Statistics and Probability Letters, 2019, 153, 56-64.	0.7	12
5	Influence of Classroom Acoustics on Noise Disturbance and Well-Being for First Graders. Frontiers in Psychology, 2019, 10, 2736.	2.1	32
6	Incoming windblown sand drift to civil infrastructures: A probabilistic evaluation. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 166, 37-47.	3.9	10
7	Comparison results for inactivity times of k-out-of-n and general coherent systems with dependent components. Test, 2017, 26, 822-846.	1.1	21
8	Estimation of the daylight amount and the energy demand for lighting for the early design stages: Definition of a set of mathematical models. Energy and Buildings, 2017, 155, 151-165.	6.7	24
9	A one-school year longitudinal study of secondary school teachers' voice parameters and the influence of classroom acoustics. Journal of the Acoustical Society of America, 2017, 142, 1055-1066.	1.1	27
10	Windblown sand saltation: A statistical approach to fluid threshold shear velocity. Aeolian Research, 2016, 23, 79-91.	2.7	39
11	Joint weak hazard rate order under non-symmetric copulas. Dependence Modeling, 2016, 4, .	0.5	2
12	A positive dependence notion based on componentwise unimodality of copulas. Statistics and Probability Letters, 2016, 112, 51-57.	0.7	1
13	Comparison of hazard rates for dependent random variables. Statistics, 2016, 50, 630-648.	0.6	18
14	Multivariate Processing of Accelerometric Condition Indicators â˜… â˜…This project has been developed under research contract granted by AgustaWestland. The authors wish to express their gratitude to the health monitoring team of AgustaWestland and in particular to Alberto Bellazzi and Bruno Maino for their encouragement and support.. IFAC-PapersOnLine, 2015, 48, 571-576.	0.9	0
15	A note on relationships between some univariate stochastic orders and the corresponding joint stochastic orders. Metrika, 2015, 78, 399-414.	0.8	9
16	Orderings of coherent systems with randomized dependent components. European Journal of Operational Research, 2015, 240, 127-139.	5.7	52
17	General Marshallâ€“Olkin Models, Dependence Orders, and Comparisons of Environmental Processes. Springer Proceedings in Mathematics and Statistics, 2015, , 51-64.	0.2	2
18	A multivariate non-linear regression model to predict the energy demand for lighting in rooms with different architectural features and lighting control systems. Energy and Buildings, 2014, 76, 151-163.	6.7	19

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19	Comparison Results for GARCH Processes. Journal of Applied Probability, 2014, 51, 685-698.	0.7	1
20	Multivariate Aging with Archimedean Dependence Structures in High Dimensions. Communications in Statistics - Theory and Methods, 2013, 42, 2056-2070.	1.0	8
21	Stochastic Comparisons of Symmetric Supermodular Functions of Heterogeneous Random Vectors. Journal of Applied Probability, 2013, 50, 464-474.	0.7	2
22	Stochastic Comparisons of Symmetric Supermodular Functions of Heterogeneous Random Vectors. Journal of Applied Probability, 2013, 50, 464-474.	0.7	2
23	On Used Systems and Systems with Used Components. Lecture Notes in Statistics, 2013, , 219-233.	0.2	6
24	Comparisons of concordance in additive models. Statistics and Probability Letters, 2012, 82, 2059-2067.	0.7	1
25	Bayesian hierarchical models to analyze customer satisfaction data for quality improvement: a case study. Applied Stochastic Models in Business and Industry, 2012, 28, 571-584.	1.5	6
26	Portfolio selection through an extremality stochastic order. Insurance: Mathematics and Economics, 2012, 51, 1-9.	1.2	12
27	Stochastic comparisons of series and parallel systems with randomized independent components. Operations Research Letters, 2011, 39, 380-384.	0.7	22
28	Improving series and parallel systems through mixtures of duplicated dependent components. Naval Research Logistics, 2011, 58, 411-418.	2.2	6
29	A characterization of the multivariate excess wealth ordering. Insurance: Mathematics and Economics, 2011, 49, 410-417.	1.2	7
30	On a new NBUE property in multivariate sense: An application. Computational Statistics and Data Analysis, 2011, 55, 3283-3294.	1.2	6
31	Generalized Marshallâ€“Olkin distributions and related bivariate aging properties. Journal of Multivariate Analysis, 2011, 102, 1399-1409.	1.0	57
32	Negative aging and stochastic comparisons of residual lifetimes in multivariate frailty models. Journal of Statistical Planning and Inference, 2010, 140, 1594-1600.	0.6	15
33	Stochastic comparisons for time transformed exponential models. Insurance: Mathematics and Economics, 2010, 46, 328-333.	1.2	9
34	Bivariate Aging Properties under Archimedean Dependence Structures. Communications in Statistics - Theory and Methods, 2010, 39, 3108-3121.	1.0	20
35	CONVEX COMPARISONS FOR RANDOM SUMS IN RANDOM ENVIRONMENTS AND APPLICATIONS. Probability in the Engineering and Informational Sciences, 2008, 22, 389-413.	0.8	11
36	Subjective and objective assessment of acoustical and overall environmental quality in secondary school classrooms. Journal of the Acoustical Society of America, 2008, 123, 163-173.	1.1	155

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37	Comparison Results for Branching Processes in Random Environments. Journal of Applied Probability, 2007, 44, 142-150.	0.7	1
38	On rankings and top choices in random utility models with dependent utilities. Metrika, 2007, 66, 197-212.	0.8	5
39	Comparison Results for Branching Processes in Random Environments. Journal of Applied Probability, 2007, 44, 142-150.	0.7	1
40	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
41	A Note on the Portfolio Selection Problem. Theory and Decision, 2005, 59, 295-306.	1.0	12
42	Stochastic Bounds for the Sparre Andersen Process. Methodology and Computing in Applied Probability, 2005, 7, 225-247.	1.2	1
43	FURTHER RESULTS INVOLVING THE MIT ORDER AND THE IMIT CLASS. Probability in the Engineering and Informational Sciences, 2005, 19, 377-395.	0.8	62
44	Characterizations of the hazard rate order and IFR aging notion. Statistics and Probability Letters, 2004, 70, 235-242.	0.7	13
45	Closure property of the NBUC class under formation of parallel systems. IEEE Transactions on Reliability, 2002, 51, 452-454.	4.6	31
46	On prices' evolutions based on geometric telegrapher's process. Applied Stochastic Models in Business and Industry, 2002, 18, 171-184.	1.5	52
47	Preservation of association in multivariate shock and claim models. Operations Research Letters, 2002, 30, 223-230.	0.7	15
48	Ageing and stochastic comparisons for a covariate failure model. Journal of Applied Probability, 2002, 39, 421-425.	0.7	1
49	NONHOMOGENEOUS POISSON PROCESSES AND LOGCONCAVITY. Probability in the Engineering and Informational Sciences, 2000, 14, 353-373.	0.8	54
50	Random vectors with HNBUE-type marginal distributions. Statistics and Probability Letters, 2000, 50, 265-271.	0.7	8
51	A characterization of the dilation order and its applications. Statistical Papers, 1999, 40, 393-406.	1.2	46
52	Stochastic Comparisons for Multivariate Shock Models. Journal of Multivariate Analysis, 1999, 71, 42-55.	1.0	20
53	On lifetimes in random environments. Naval Research Logistics, 1998, 45, 365-375.	2.2	3
54	Some new conditions for the increasing convex comparison of risks. Scandinavian Actuarial Journal, 1997, 1997, 38-47.	1.7	4

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55	Moment inequalities for sums of DMRL random variables. Journal of Applied Probability, 1997, 34, 525-535.	0.7	2
56	The dilation order, the dispersion order, and orderings of residual lives. Statistics and Probability Letters, 1997, 33, 263-275.	0.7	24
57	Characterizations of the IFR and DFR aging notions by means of the dispersive order. Statistics and Probability Letters, 1997, 33, 389-393.	0.7	25
58	Correction note to â€œOn the preservation of some orderings of risks under convolutionâ€• Insurance: Mathematics and Economics, 1996, 19, 81-83.	1.2	2
59	Stochastic comparison of processes generated by random interruptions of monotone functions and related results. Lifetime Data Analysis, 1996, 2, 91-112.	0.9	2
60	New partial ordering of survival functions based on the notion of uncertainty. Journal of Applied Probability, 1995, 32, 202-211.	0.7	16
61	On the preservation of some orderings of risks under convolution. Insurance: Mathematics and Economics, 1995, 16, 23-30.	1.2	8
62	New partial ordering of survival functions based on the notion of uncertainty. Journal of Applied Probability, 1995, 32, 202-211.	0.7	109
63	Shock models by underlying counting process. Journal of Applied Probability, 1994, 31, 156-166.	0.7	0
64	Preservation of certain classes of life distributions under Poisson shock models. Journal of Applied Probability, 1994, 31, 458-465.	0.7	58
65	Shock models by underlying counting process. Journal of Applied Probability, 1994, 31, 156-166.	0.7	17
66	Mean residual life and increasing convex comparison of shock models. Statistics and Probability Letters, 1994, 20, 337-345.	0.7	25
67	New partial orderings and applications. Naval Research Logistics, 1993, 40, 829-842.	2.2	63
68	Partial orderings under cumulative damage shock models. Advances in Applied Probability, 1993, 25, 939-946.	0.7	32
69	Stochastic Comparison of Some Wear Processes. Probability in the Engineering and Informational Sciences, 1993, 7, 421-435.	0.8	7
70	Partial orderings under cumulative damage shock models. Advances in Applied Probability, 1993, 25, 939-946.	0.7	14
71	Stochastic monotonicity of dependent variables given their sum. Test, 0, , 1.	1.1	3
72	On sums of dependent random lifetimes under the time-transformed exponential model. Test, 0, , 1.	1.1	0