

Bero Roos

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

386
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotics and Sharp Bounds in the Poisson Approximation to the Poisson-Binomial Distribution. Bernoulli, 1999, 5, 1021.	1.3	44
2	Sharp constants in the Poisson approximation. Statistics and Probability Letters, 2001, 52, 155-168.	0.7	40
3	Improvements in the Poisson approximation of mixed Poisson distributions. Journal of Statistical Planning and Inference, 2003, 113, 467-483.	0.6	38
4	On the Rate of Multivariate Poisson Convergence. Journal of Multivariate Analysis, 1999, 69, 120-134.	1.0	36
5	A shorter proof of Kanter's Bessel function concentration bound. Probability Theory and Related Fields, 2007, 139, 191-205.	1.8	34
6	Kerstan's method for compound Poisson approximation. Annals of Probability, 2003, 31, .	1.8	32
7	An expansion in the exponent for compound binomial approximations. Lithuanian Mathematical Journal, 2006, 46, 54-91.	0.4	22
8	On Hipp's compound Poisson approximations via concentration functions. Bernoulli, 2005, 11, 533.	1.3	18
9	Compound Binomial Approximations. Annals of the Institute of Statistical Mathematics, 2006, 58, 187-210.	0.8	16
10	Two-Parametric Compound Binomial Approximations. Lithuanian Mathematical Journal, 2004, 44, 354-373.	0.4	13
11	Maximal probabilities of convolution powers of discrete uniform distributions. Statistics and Probability Letters, 2008, 78, 2992-2996.	0.7	13
12	Poisson type approximations for the Markov binomial distribution. Stochastic Processes and Their Applications, 2009, 119, 190-207.	0.9	11
13	A semigroup approach to poisson approximation with respect to the point metric. Statistics and Probability Letters, 1995, 24, 305-314.	0.7	9
14	Multinomial and Krawtchouk Approximations to the Generalized Multinomial Distribution. Theory of Probability and Its Applications, 2002, 46, 103-117.	0.3	8
15	On variational bounds in the compound Poisson approximation of the individual risk model. Insurance: Mathematics and Economics, 2007, 40, 403-414.	1.2	8
16	Poisson approximation of multivariate Poisson mixtures. Journal of Applied Probability, 2003, 40, 376-390.	0.7	8
17	Poisson Approximation via the Convolution with Kornya-Presman Signed Measures. Theory of Probability and Its Applications, 2004, 48, 555-560.	0.3	7
18	Closeness of convolutions of probability measures. Bernoulli, 2010, 16, .	1.3	7

#	ARTICLE	IF	CITATIONS
19	Poisson approximation of multivariate Poisson mixtures. <i>Journal of Applied Probability</i> , 2003, 40, 376-390.	0.7	5
20	On Bobkov's approximate de Finetti representation via approximation of permanents of complex rectangular matrices. <i>Proceedings of the American Mathematical Society</i> , 2014, 143, 1785-1796.	0.8	5
21	Kerstan's Method in the Multivariate Poisson Approximation: An Expansion in the Exponent. <i>Theory of Probability and Its Applications</i> , 2003, 47, 358.	0.3	4
22	On the distance between the distributions of random sums. <i>Journal of Applied Probability</i> , 2003, 40, 87-106.	0.7	3
23	Refined total variation bounds in the multivariate and compound Poisson approximation. <i>Alea</i> , 2017, 14, 337.	0.7	3
24	New permanent approximation inequalities via identities. <i>Lithuanian Mathematical Journal</i> , 2020, 60, 248-275.	0.4	2
25	Generalization of a Hadamard type inequality for permanents. <i>Linear Algebra and Its Applications</i> , 2019, 571, 58-77.	0.9	0