

Tomasz Tkocz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gaussian mixtures: Entropy and geometric inequalities. <i>Annals of Probability</i> , 2018, 46, .	1.8	25
2	Sharp comparison of moments and the log-concave moment problem. <i>Advances in Mathematics</i> , 2018, 334, 389-416.	1.1	16
3	A reverse entropy power inequality for log-concave random vectors. <i>Studia Mathematica</i> , 0, , 1-14.	0.7	14
4	Reversal of Rényi Entropy Inequalities Under Log-Concavity. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 45-51.	2.4	10
5	From Ball's cube slicing inequality to Khinchin-type inequalities for negative moments. <i>Journal of Functional Analysis</i> , 2021, 281, 109185.	1.4	7
6	Sharp Moment-Entropy Inequalities and Capacity Bounds for Symmetric Log-Concave Distributions. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 81-94.	2.4	6
7	A note on volume thresholds for random polytopes. <i>Geometriae Dedicata</i> , 2021, 213, 423-431.	0.3	5
8	A note on the extremal non-central sections of the cross-polytope. <i>Advances in Applied Mathematics</i> , 2020, 118, 102031.	0.7	4
9	Sharp Khinchin-type inequalities for symmetric discrete uniform random variables. <i>Israel Journal of Mathematics</i> , 2021, 246, 281-297.	0.8	4
10	Shortest paths with a cost constraint: A probabilistic analysis. <i>Discrete Applied Mathematics</i> , 2021, 302, 46-53.	0.9	3
11	Two-sided bounds for L_p -norms of combinations of products of independent random variables. <i>Stochastic Processes and Their Applications</i> , 2015, 125, 1688-1713.	0.9	2
12	Bounds on Moments of Weighted Sums of Finite Riesz Products. <i>Journal of Fourier Analysis and Applications</i> , 2020, 26, 1.	1.0	1
13	Probabilistic analysis of algorithms for cost constrained minimum weighted combinatorial objects. <i>Operations Research Letters</i> , 2021, 49, 400-404.	0.7	1
14	Stochastic Dominance and Weak Concentration for Sums of Independent Symmetric Random Vectors. <i>International Mathematics Research Notices</i> , 2020, 2020, 8997-9010.	1.0	0
15	Rademacher-Gaussian tail comparison for complex coefficients and related problems. <i>Proceedings of the American Mathematical Society</i> , 0, , 1.	0.8	0