Piotr Nayar

List of Publications by Year
in descending order

13 papers	**109** citations	1684188 **5** h-index	1474206 **9** g-index
13 all docs	**13** docs citations	**13** times ranked	**39** citing authors

#	Article	IF	Citations
1	Gaussian mixtures: Entropy and geometric inequalities. Annals of Probability, 2018, 46, .	1.8	25
2	Khinchine type inequalities with optimal constants via ultra log-concavity. Positivity, 2012, 16, 359-371.	0.7	19
3	Sharp comparison of moments and the log-concave moment problem. Advances in Mathematics, 2018, 334, 389-416.	1.1	16
4	A reverse entropy power inequality for log-concave random vectors. Studia Mathematica, 0, , 1-14.	0.7	14
5	Essentially fully anisotropic Orlicz functions and uniqueness to measure data problem. Mathematical Methods in the Applied Sciences, 2022, 45, 8503-8527.	2.3	7
6	Sharp Moment-Entropy Inequalities and Capacity Bounds for Symmetric Log-Concave Distributions. IEEE Transactions on Information Theory, 2021, 67, 81-94.	2.4	6
7	Two Remarks on Generalized Entropy Power Inequalities. Lecture Notes in Mathematics, 2020, , 169-185.	0.2	6
8	The unconditional case of the complex S-inequality. Israel Journal of Mathematics, 2013, 197, 99-106.	0.8	5
9	Sharp Variance-Entropy Comparison for Nonnegative Gaussian Quadratic Forms. IEEE Transactions on Information Theory, 2021, 67, 7740-7751.	2.4	3
10	Khinchin-Type Inequalities via Hadamard's Factorisation. International Mathematics Research Notices, 2023, 2023, 2429-2445.	1.0	3
11	S-inequality for certain product measures. Mathematische Nachrichten, 2014, 287, 398-404.	0.8	2
12	Two-sided bounds for Lp-norms of combinations of products of independent random variables. Stochastic Processes and Their Applications, 2015, 125, 1688-1713.	0.9	2
13	Bounds on Moments of Weighted Sums of Finite Riesz Products. Journal of Fourier Analysis and Applications, 2020, 26, 1.	1.0	1