

Peter Pivovarov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1163117

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1281871

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times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	A probabilistic take on isoperimetric-type inequalities. <i>Advances in Mathematics</i> , 2012, 230, 1402-1422.	1.1	58
2	Random ball-polyhedra and inequalities for intrinsic volumes. <i>Monatshefte Fur Mathematik</i> , 2017, 182, 709-729.	0.9	35
3	Small-Ball Probabilities for the Volume of Random Convex Sets. <i>Discrete and Computational Geometry</i> , 2013, 49, 601-646.	0.6	31
4	Bounding marginal densities via affine isoperimetry. <i>Proceedings of the London Mathematical Society</i> , 2016, 113, 140-162.	1.3	28
5	On sharp bounds for marginal densities of product measures. <i>Israel Journal of Mathematics</i> , 2016, 216, 877-889.	0.8	27
6	Volume of the polar of random sets and shadow systems. <i>Mathematische Annalen</i> , 2015, 362, 1305-1325.	1.4	25
7	On determinants and the volume of random polytopes in isotropic convex bodies. <i>Geometriae Dedicata</i> , 2010, 149, 45-58.	0.3	19
8	A central limit theorem for projections of the cube. <i>Probability Theory and Related Fields</i> , 2014, 159, 701-719.	1.8	17
9	Randomized Isoperimetric Inequalities. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2017, , 391-425.	0.5	10
10	On a quantitative reversal of Alexandrov's inequality. <i>Transactions of the American Mathematical Society</i> , 2018, 371, 3309-3324.	0.9	4
11	A stochastic Prékopa-Leindler inequality for log-concave functions. <i>Communications in Contemporary Mathematics</i> , 2021, 23, 2050019.	1.2	3
12	RANDOMIZED URYSOHN-TYPE INEQUALITIES. <i>Mathematika</i> , 2021, 67, 100-115.	0.5	0