

Florent Benaych

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

429
citations

933447

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713466

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all docs

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docs citations

24
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	The singular values and vectors of low rank perturbations of large rectangular random matrices. <i>Journal of Multivariate Analysis</i> , 2012, 111, 120-135.	1.0	179
2	Rectangular random matrices, related convolution. <i>Probability Theory and Related Fields</i> , 2009, 144, 471-515.	1.8	51
3	Central Limit Theorems for Linear Statistics of Heavy Tailed Random Matrices. <i>Communications in Mathematical Physics</i> , 2014, 329, 641-686.	2.2	37
4	Localization and delocalization for heavy tailed band matrices. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2014, 50, .	1.1	20
5	Outliers in the Single Ring Theorem. <i>Probability Theory and Related Fields</i> , 2016, 165, 313-363.	1.8	20
6	Classical and free infinitely divisible distributions and random matrices. <i>Annals of Probability</i> , 2005, 33, 1134.	1.8	19
7	Poisson Statistics for Matrix Ensembles at Large Temperature. <i>Journal of Statistical Physics</i> , 2015, 161, 633-656.	1.2	16
8	Infinitely divisible distributions for rectangular free convolution: classification and matricial interpretation. <i>Probability Theory and Related Fields</i> , 2007, 139, 143-189.	1.8	13
9	Regularization by Free Additive Convolution, Square and Rectangular Cases. <i>Complex Analysis and Operator Theory</i> , 2009, 3, 611-660.	0.6	11
10	Rectangular R-Transform as the Limit of Rectangular Spherical Integrals. <i>Journal of Theoretical Probability</i> , 2011, 24, 969-987.	0.8	11
11	Central limit theorem for eigenvectors of heavy tailed matrices. <i>Electronic Journal of Probability</i> , 2014, 19, .	1.0	10
12	Spectral analysis of the Gram matrix of mixture models. <i>ESAIM - Probability and Statistics</i> , 2016, 20, 217-237.	0.5	9
13	A Matrix Interpolation between Classical and Free Max Operations. I. The Univariate Case. <i>Journal of Theoretical Probability</i> , 2010, 23, 447-465.	0.8	7
14	Exponential bounds for the support convergence in the Single Ring Theorem. <i>Journal of Functional Analysis</i> , 2015, 268, 3492-3507.	1.4	7
15	Fluctuations of linear statistics of half-heavy-tailed random matrices. <i>Stochastic Processes and Their Applications</i> , 2016, 126, 3331-3352.	0.9	6
16	Central limit theorems for the brownian motion on large unitary groups. <i>Bulletin De La Societe Mathematique De France</i> , 2011, 139, 593-610.	0.2	4
17	Empirical Spectral Distribution of a Matrix Under Perturbation. <i>Journal of Theoretical Probability</i> , 2019, 32, 1220-1251.	0.8	3
18	Fluctuation of Matrix Entries and Application to Outliers of Elliptic Matrices. <i>Canadian Journal of Mathematics</i> , 2018, 70, 3-25.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Eigenvectors of a matrix under random perturbation. Random Matrices: Theory and Application, 2021, 10, 2150023.	1.1	2
20	Local single ring theorem. Annals of Probability, 2017, 45, .	1.8	1
21	A permutation model for free random variables and its classical analogue. Pacific Journal of Mathematics, 2009, 242, 33-51.	0.5	1
22	Fluctuations for analytic test functions in the Single Ring Theorem. Indiana University Mathematics Journal, 2017, 66, 1981-2013.	0.9	0
23	Equity Factors: To Short or Not to Short, That Is the Question. Journal of Investing, 2021, 30, 34-46.	0.2	0
24	Matrix Addition and the Dunkl Transform at High Temperature. Communications in Mathematical Physics, 0, , .	2.2	0