

# Tiefeng Jiang

## List of Publications by Year in descending order

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26  
papers

790  
citations

623734

14  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limiting laws of coherence of random matrices with applications to testing covariance structure and construction of compressed sensing matrices. <i>Annals of Statistics</i> , 2011, 39, .	2.6	120
2	Central limit theorems for classical likelihood ratio tests for high-dimensional normal distributions. <i>Annals of Statistics</i> , 2013, 41, .	2.6	98
3	The asymptotic distributions of the largest entries of sample correlation matrices. <i>Annals of Applied Probability</i> , 2004, 14, 865.	1.3	96
4	How many entries of a typical orthogonal matrix can be approximated by independent normals?. <i>Annals of Probability</i> , 2006, 34, 1497.	1.8	68
5	Likelihood ratio tests for covariance matrices of high-dimensional normal distributions. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 2241-2256.	0.6	60
6	Approximation of Haar distributed matrices and limiting distributions of eigenvalues of Jacobi ensembles. <i>Probability Theory and Related Fields</i> , 2009, 144, 221-246.	1.8	44
7	Likelihood Ratio Tests for High-Dimensional Normal Distributions. <i>Scandinavian Journal of Statistics</i> , 2015, 42, 988-1009.	1.4	44
8	Distributions of Angles in Random Packing on Spheres. <i>Journal of Machine Learning Research</i> , 2013, 14, 1837-1864.	62.4	42
9	Phase transition in limiting distributions of coherence of high-dimensional random matrices. <i>Journal of Multivariate Analysis</i> , 2012, 107, 24-39.	1.0	37
10	Approximation of Rectangular Beta-Laguerre Ensembles and Large Deviations. <i>Journal of Theoretical Probability</i> , 2015, 28, 804-847.	0.8	32
11	Maxima of entries of Haar distributed matrices. <i>Probability Theory and Related Fields</i> , 2005, 131, 121-144.	1.8	30
12	Spectral Radii of Large Non-Hermitian Random Matrices. <i>Journal of Theoretical Probability</i> , 2017, 30, 326-364.	0.8	19
13	Circular law and arc law for truncation of random unitary matrix. <i>Journal of Mathematical Physics</i> , 2012, 53, .	1.1	17
14	The Entries of Haar-Invariant Matrices from the Classical Compact Groups. <i>Journal of Theoretical Probability</i> , 2010, 23, 1227-1243.	0.8	16
15	Limit theorems for beta-Jacobi ensembles. <i>Bernoulli</i> , 2013, 19, .	1.3	13
16	A study of two high-dimensional likelihood ratio tests under alternative hypotheses. <i>Random Matrices: Theory and Application</i> , 2018, 07, 1750016.	1.1	12
17	EMPIRICAL DISTRIBUTIONS OF LAPLACIAN MATRICES OF LARGE DILUTE RANDOM GRAPHS. <i>Random Matrices: Theory and Application</i> , 2012, 01, 1250004.	1.1	9
18	Low eigenvalues of Laplacian matrices of large random graphs. <i>Probability Theory and Related Fields</i> , 2012, 153, 671-690.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Largest entries of sample correlation matrices from equi-correlated normal populations. <i>Annals of Probability</i> , 2019, 47, .	1.8	7
20	A variance formula related to a quantum conductance problem. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 2117-2121.	2.1	6
21	Empirical Distributions of Eigenvalues of Product Ensembles. <i>Journal of Theoretical Probability</i> , 2019, 32, 353-394.	0.8	4
22	Limiting Behavior of Largest Entry of Random Tensor Constructed by High-Dimensional Data. <i>Journal of Theoretical Probability</i> , 2020, 33, 2380-2400.	0.8	3
23	Asymptotic analysis for extreme eigenvalues of principal minors of random matrices. <i>Annals of Applied Probability</i> , 2021, 31, .	1.3	3
24	A generalized Hardy-Ramanujan formula for the number of restricted integer partitions. <i>Journal of Number Theory</i> , 2019, 201, 322-353.	0.4	2
25	Eigenvalues of large chiral non-Hermitian random matrices. <i>Journal of Mathematical Physics</i> , 2020, 61, 013508.	1.1	0
26	Statistical Properties of Eigenvalues of Laplaceâ€™Beltrami Operators. <i>Journal of Theoretical Probability</i> , 2021, 34, 1061-1109.	0.8	0