Vladimir Koltchinskii

List of Publications by Year
in descending order

15 papers	738 citations	1163117 8 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	467 citing authors

#	Article	IF	Citations
1	Nuclear-norm penalization and optimal rates for noisy low-rank matrix completion. Annals of Statistics, 2011, 39, .	2.6	339
2	Oracle Inequalities in Empirical Risk Minimization and Sparse Recovery Problems. Lecture Notes in Mathematics, 2011, , .	0.2	163
3	Concentration inequalities and moment bounds for sample covariance operators. Bernoulli, 2017, 23, .	1.3	80
4	Asymptotics and concentration bounds for bilinear forms of spectral projectors of sample covariance. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2016, 52, .	1.1	38
5	Bounding the Smallest Singular Value of a Random Matrix Without Concentration. International Mathematics Research Notices, 0, , rnv096.	1.0	35
6	Normal approximation and concentration of spectral projectors of sample covariance. Annals of Statistics, 2017, 45, .	2.6	32
7	New Asymptotic Results in Principal Component Analysis. Sankhya A, 2017, 79, 254-297.	0.8	16
8	Efficient estimation of linear functionals of principal components. Annals of Statistics, 2020, 48, .	2.6	13
9	Asymptotically efficient estimation of smooth functionals of covariance operators. Journal of the European Mathematical Society, 2020, 23, 765-843.	1.4	8
10	Efficient estimation of smooth functionals in Gaussian shift models. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2021, 57, .	1.1	4
11	Estimation of Smooth Functionals of Location Parameter in Gaussian and PoincarÃ© Random Shift Models. Sankhya A, 2021, 83, 569-596.	0.8	3
12	Estimation of smooth functionals in normal models: Bias reduction and asymptotic efficiency. Annals of Statistics, 2021, 49, .	2.6	3
13	Low Rank Estimation of Similarities on Graphs. , 2013, , 305-325.		2
14	ASYMPTOTIC EFFICIENCY IN HIGH-DIMENSIONAL COVARIANCE ESTIMATION. , 2019, , .		2
15	Discussion: â€œGeneric chaining and the -penaltyâ€•by Sara van de Geer. Journal of Statistical Planning and Inference, 2013, 143, 1019-1021.	0.6	0