

Emmanuel Candes

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

5,984
citations

430442

18
h-index

676716

22
g-index

27
all docs

27
docs citations

27
times ranked

5293
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Discrete Curvelet Transforms. Multiscale Modeling and Simulation, 2006, 5, 861-899.	0.6	2,092
2	Sparsity and incoherence in compressive sampling. Inverse Problems, 2007, 23, 969-985.	1.0	1,706
3	Low-rank plus sparse matrix decomposition for accelerated dynamic MRI with separation of background and dynamic components. Magnetic Resonance in Medicine, 2015, 73, 1125-1136.	1.9	496
4	Panning for Gold: ℓ_1 -Model-X TM Knockoffs for High Dimensional Controlled Variable Selection. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2018, 80, 551-577.	1.1	324
5	Compressive fluorescence microscopy for biological and hyperspectral imaging. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1679-87.	3.3	316
6	Compressed Sensing With Quantized Measurements. IEEE Signal Processing Letters, 2010, 17, 149-152.	2.1	237
7	A Nonuniform Sampler for Wideband Spectrally-Sparse Environments. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2012, 2, 516-529.	2.7	108
8	A Fast Butterfly Algorithm for the Computation of Fourier Integral Operators. Multiscale Modeling and Simulation, 2009, 7, 1727-1750.	0.6	101
9	A Compressed Sensing Parameter Extraction Platform for Radar Pulse Signal Acquisition. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2012, 2, 626-638.	2.7	84
10	Curvelets and Fourier Integral Operators. Comptes Rendus Mathematique, 2003, 336, 395-398.	0.1	79
11	Fast Computation of Fourier Integral Operators. SIAM Journal of Scientific Computing, 2007, 29, 2464-2493.	1.3	68
12	Deep Knockoffs. Journal of the American Statistical Association, 2020, 115, 1861-1872.	1.8	68
13	Design and implementation of a fully integrated compressed-sensing signal acquisition system. , 2012, , .		56
14	Simple bounds for recovering low-complexity models. Mathematical Programming, 2013, 141, 577-589.	1.6	43
15	Metropolized Knockoff Sampling. Journal of the American Statistical Association, 2021, 116, 1413-1427.	1.8	38
16	Multi-resolution localization of causal variants across the genome. Nature Communications, 2020, 11, 1093.	5.8	37
17	Randomized Algorithms for Low-Rank Matrix Factorizations: Sharp Performance Bounds. Algorithmica, 2015, 72, 264-281.	1.0	33
18	False discovery rate control in genome-wide association studies with population structure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	33

#	ARTICLE	IF	CITATIONS
19	Causal inference in genetic trio studies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24117-24126.	3.3	25
20	Derandomizing Knockoffs. Journal of the American Statistical Association, 2023, 118, 948-958.	1.8	11
21	With Malice Toward None: Assessing Uncertainty via Equalized Coverage. , 0, , .		11
22	Compressive sensing: Principles and hardware implementations. , 2013, , .		9
23	Distribution-free conditional median inference. Electronic Journal of Statistics, 2021, 15, .	0.4	4
24	On the construction of knockoffs in caseâ€“control studies. Stat, 2019, 8, e225.	0.3	3
25	Discussion of the Paper â€œPrediction, Estimation, and Attributionâ€•by B. Efron. Journal of the American Statistical Association, 2020, 115, 656-658.	1.8	0
26	Discussion of the Paper â€œPrediction, Estimation, and Attributionâ€•by B. Efron. International Statistical Review, 2020, 88, .	1.1	0