

# Emmanuel Candès

## List of Publications by Year in descending order

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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	Derandomizing Knockoffs. <i>Journal of the American Statistical Association</i> , 2023, 118, 948-958.	1.8	11
2	Metropolized Knockoff Sampling. <i>Journal of the American Statistical Association</i> , 2021, 116, 1413-1427.	1.8	38
3	Distribution-free conditional median inference. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.4	4
4	False discovery rate control in genome-wide association studies with population structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
5	Deep Knockoffs. <i>Journal of the American Statistical Association</i> , 2020, 115, 1861-1872.	1.8	68
6	Causal inference in genetic trio studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24117-24126.	3.3	25
7	Discussion of the Paper "Prediction, Estimation, and Attribution" by B. Efron. <i>Journal of the American Statistical Association</i> , 2020, 115, 656-658.	1.8	0
8	Multi-resolution localization of causal variants across the genome. <i>Nature Communications</i> , 2020, 11, 1093.	5.8	37
9	Discussion of the Paper "Prediction, Estimation, and Attribution" by B. Efron. <i>International Statistical Review</i> , 2020, 88, .	1.1	0
10	On the construction of knockoffs in case-control studies. <i>Stat</i> , 2019, 8, e225.	0.3	3
11	Panning for Gold: $\tilde{\text{Model-X}}^{\text{TM}}$ Knockoffs for High Dimensional Controlled Variable Selection. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2018, 80, 551-577.	1.1	324
12	Low-rank plus sparse matrix decomposition for accelerated dynamic MRI with separation of background and dynamic components. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1125-1136.	1.9	496
13	Randomized Algorithms for Low-Rank Matrix Factorizations: Sharp Performance Bounds. <i>Algorithmica</i> , 2015, 72, 264-281.	1.0	33
14	Compressive sensing: Principles and hardware implementations. , 2013, , .		9
15	Simple bounds for recovering low-complexity models. <i>Mathematical Programming</i> , 2013, 141, 577-589.	1.6	43
16	A Nonuniform Sampler for Wideband Spectrally-Sparse Environments. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2012, 2, 516-529.	2.7	108
17	A Compressed Sensing Parameter Extraction Platform for Radar Pulse Signal Acquisition. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2012, 2, 626-638.	2.7	84
18	Compressive fluorescence microscopy for biological and hyperspectral imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1679-87.	3.3	316

#	ARTICLE	IF	CITATIONS
19	Design and implementation of a fully integrated compressed-sensing signal acquisition system. , 2012, , .		56
20	Compressed Sensing With Quantized Measurements. IEEE Signal Processing Letters, 2010, 17, 149-152.	2.1	237
21	A Fast Butterfly Algorithm for the Computation of Fourier Integral Operators. Multiscale Modeling and Simulation, 2009, 7, 1727-1750.	0.6	101
22	Fast Computation of Fourier Integral Operators. SIAM Journal of Scientific Computing, 2007, 29, 2464-2493.	1.3	68
23	Sparsity and incoherence in compressive sampling. Inverse Problems, 2007, 23, 969-985.	1.0	1,706
24	Fast Discrete Curvelet Transforms. Multiscale Modeling and Simulation, 2006, 5, 861-899.	0.6	2,092
25	Curvelets and Fourier Integral Operators. Comptes Rendus Mathematique, 2003, 336, 395-398.	0.1	79
26	With Malice Toward None: Assessing Uncertainty via Equalized Coverage. , 0, , .		11