

# Yaniv Plan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10571140/publications.pdf>

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18  
papers

2,800  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Completion With Noise. Proceedings of the IEEE, 2010, 98, 925-936.	21.3	1,102
2	A Probabilistic and RIPless Theory of Compressed Sensing. IEEE Transactions on Information Theory, 2011, 57, 7235-7254.	2.4	452
3	Near-ideal model selection by $\ell_1$ minimization. Annals of Statistics, 2009, 37, .	2.6	313
4	Robust 1-bit Compressed Sensing and Sparse Logistic Regression: A Convex Programming Approach. IEEE Transactions on Information Theory, 2013, 59, 482-494.	2.4	274
5	One-bit Compressed Sensing by Linear Programming. Communications on Pure and Applied Mathematics, 2013, 66, 1275-1297.	3.1	222
6	The Generalized Lasso With Non-Linear Observations. IEEE Transactions on Information Theory, 2016, 62, 1528-1537.	2.4	99
7	One-bit compressed sensing with non-Gaussian measurements. Linear Algebra and Its Applications, 2014, 441, 222-239.	0.9	85
8	Exponential Decay of Reconstruction Error From Binary Measurements of Sparse Signals. IEEE Transactions on Information Theory, 2017, 63, 3368-3385.	2.4	69
9	Dimension Reduction by Random Hyperplane Tessellations. Discrete and Computational Geometry, 2014, 51, 438-461.	0.6	67
10	Sensitivity of $\ell_1$ minimization to parameter choice. Information and Inference, 2021, 10, 397-453.	1.6	43
11	A Simple Tool for Bounding the Deviation of Random Matrices on Geometric Sets. Lecture Notes in Mathematics, 2017, , 277-299.	0.2	30
12	Learning Tensors From Partial Binary Measurements. IEEE Transactions on Signal Processing, 2019, 67, 29-40.	5.3	19
13	Near-optimal sample complexity for convex tensor completion. Information and Inference, 2019, 8, 577-619.	1.6	10
14	On the Effective Measure of Dimension in the Analysis Cospase Model. IEEE Transactions on Information Theory, 2015, 61, 5745-5753.	2.4	8
15	NBIHT: An Efficient Algorithm for 1-Bit Compressed Sensing With Optimal Error Decay Rate. IEEE Transactions on Information Theory, 2022, 68, 1157-1177.	2.4	3
16	Optimizing Quantization for Lasso Recovery. IEEE Signal Processing Letters, 2018, 25, 45-49.	3.6	2
17	On the Best Choice of Lasso Program Given Data Parameters. IEEE Transactions on Information Theory, 2022, 68, 2573-2603.	2.4	2
18	Lower bounds for quantized matrix completion. , 2013, , .		0