Maryam Fazel

List of Publications by Year
in descending order

		1040056	1125743
29 papers	**3,700** citations	**9** h-index	**13** g-index
29 all docs	**29** docs citations	**29** times ranked	**3211** citing authors

#	Article	IF	Citations
1	Guaranteed Minimum-Rank Solutions of Linear Matrix Equations via Nuclear Norm Minimization. SIAM Review, 2010, 52, 471-501.	9.5	2,443
2	Hankel Matrix Rank Minimization with Applications to System Identification and Realization. SIAM Journal on Matrix Analysis and Applications, 2013, 34, 946-977.	1.4	326
3	Portfolio optimization with linear and fixed transaction costs. Annals of Operations Research, 2007, 152, 341-365.	4.1	237
4	Simultaneously Structured Models With Application to Sparse and Low-Rank Matrices. IEEE Transactions on Information Theory, 2015, 61, 2886-2908.	2.4	154
5	Random Access Compressed Sensing for Energy-Efficient Underwater Sensor Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 1660-1670.	14.0	133
6	Reweighted nuclear norm minimization with application to system identification. , 2010, , .		102
7	Node-Based Learning of Multiple Gaussian Graphical Models. Journal of Machine Learning Research, 2014, 15, 445-488.	62.4	59
8	Random Access Compressed Sensing over Fading and Noisy Communication Channels. IEEE Transactions on Wireless Communications, 2013, 12, 2114-2125.	9.2	42
9	A simplified approach to recovery conditions for low rank matrices. , 2011, , .		41
10	Learning Graphical Models With Hubs. Journal of Machine Learning Research, 2014, 15, 3297-3331.	62.4	30
11	Random access sensor networks: Field reconstruction from incomplete data. , 2012, , .		20
12	New Restricted Isometry results for noisy low-rank recovery. , 2010, , .		18
13	A nullspace analysis of the nuclear norm heuristic for rank minimization. , 2010, , .		17
14	Compressed sensing in random access networks with applications to underwater monitoring. Physical Communication, 2012, 5, 148-160.	2.1	15
15	Convexity of optimal linear controller design. , 2013, , .		9
16	A Sparse Plus Low-Rank Exponential Language Model for Limited Resource Scenarios. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 494-504.	5.8	8
17	Proximal Alternating Direction Method of Multipliers for distributed optimization on weighted graphs. , 2015, , .		7
18	Worst case competitive analysis for online conic optimization. , 2016, , .		6

#	Article	IF	Citations
19	Low Rank Language Models for Small Training Sets. IEEE Signal Processing Letters, 2011, 18, 489-492.	3.6	5
20	Impact of fading on random access compressed sensing. , 2011, , .		5
21	Decomposable norm minimization with proximal-gradient homotopy algorithm. Computational Optimization and Applications, 2017, 66, 345-381.	1.6	5
22	Noisy estimation of simultaneously structured models: Limitations of convex relaxation. , 2013, , .		4
23	Competitive online algorithms for resource allocation over the positive semidefinite cone. Mathematical Programming, 2018, 170, 267-292.	2.4	4
24	Convex risk averse control design. , 2014, , .		3
25	Online algorithms for network formation. , 2016, , .		3
26	Random access compressed sensing over fading and noisy communication channels. , 2012, , .		2
27	Exceptions in language as learned by the multi-factor sparse plus low-rank language model. , 2013, , .		1
28	A convex method for learning d-valued models. , 2013, , .		1
29	Constrained multiple kernel tracking for human limbs. , 2012, , .		0