Michael P Friedlander

List of Publications by Year
in descending order

23 papers	2,412 citations	706676 14 h-index	843174 20 g-index
24 all docs	24 docs citations	24 times ranked	2394 citing authors

#	Article	IF	Citations
1	Polar Deconvolution of Mixed Signals. IEEE Transactions on Signal Processing, 2022, 70, 2713-2727.	3.2	0
2	A perturbation view of level-set methods for convex optimization. Optimization Letters, 2020, 14, 1989-2006.	0.9	2
3	Implementing a Smooth Exact Penalty Function for Equality-Constrained Nonlinear Optimization. SIAM Journal of Scientific Computing, 2020, 42, A1809-A1835.	1.3	11
4	Implementing a Smooth Exact Penalty Function for General Constrained Nonlinear Optimization. SIAM Journal of Scientific Computing, 2020, 42, A1836-A1859.	1.3	6
5	Polar Convolution. SIAM Journal on Optimization, 2019, 29, 1366-1391.	1.2	3
6	Bundle methods for dual atomic pursuit. , 2019, , .		0
7	Level-set methods for convex optimization. Mathematical Programming, 2019, 174, 359-390.	1.6	21
8	Foundations of Gauge and Perspective Duality. SIAM Journal on Optimization, 2018, 28, 2406-2434.	1.2	7
9	Low-Rank Spectral Optimization via Gauge Duality. SIAM Journal of Scientific Computing, 2016, 38, A1616-A1638.	1.3	12
10	Gauge Optimization and Duality. SIAM Journal on Optimization, 2014, 24, 1999-2022.	1.2	30
11	Variational Properties of Value Functions. SIAM Journal on Optimization, 2013, 23, 1689-1717.	1.2	25
12	Robust inversion via semistochastic dimensionality reduction. , 2012, , .		2
13	Robust inversion, dimensionality reduction, and randomized sampling. Mathematical Programming, 2012, 134, 101-125.	1.6	49
14	Recovering Compressively Sampled Signals Using Partial Support Information. IEEE Transactions on Information Theory, 2012, 58, 1122-1134.	1.5	210
15	Sparse Optimization with Least-Squares Constraints. SIAM Journal on Optimization, 2011, 21, 1201-1229.	1.2	159
16	Theoretical and Empirical Results for Recovery From Multiple Measurements. IEEE Transactions on Information Theory, 2010, 56, 2516-2527.	1.5	197
17	Probing the Pareto Frontier for Basis Pursuit Solutions. SIAM Journal of Scientific Computing, 2009, 31, 890-912.	1.3	1,392
18	Computing non-negative tensor factorizations. Optimization Methods and Software, 2008, 23, 631-647.	1.6	43

#	Article	IF	Citations
19	Exact Regularization of Convex Programs. SIAM Journal on Optimization, 2008, 18, 1326-1350.	1.2	63
20	Global and Finite Termination of a Two-Phase Augmented Lagrangian Filter Method for General Quadratic Programs. SIAM Journal of Scientific Computing, 2008, 30, 1706-1729.	1.3	14
21	New insights into one-norm solvers from the Pareto curve. Geophysics, 2008, 73, A23-A26.	1.4	60
22	A Globally Convergent Linearly Constrained Lagrangian Method for Nonlinear Optimization. SIAM Journal on Optimization, 2005, 15, 863-897.	1.2	41
23	A two-sided relaxation scheme for Mathematical Programs with Equilibrium Constraints. SIAM Journal on Optimization, 2005, 16, 587-609.	1.2	64