Arthur Szlam

List of Publications by Year
in descending order

10 papers	2,475 citations	1307366 7 h-index	1719901 7 g-index
10 all docs	10 docs citations	10 times ranked	2558 citing authors

#	Article	IF	Citations
1	Geometric Deep Learning: Going beyond Euclidean data. IEEE Signal Processing Magazine, 2017, 34, 18-42.	4.6	1,846
2	A Randomized Algorithm for Principal Component Analysis. SIAM Journal on Matrix Analysis and Applications, 2010, 31, 1100-1124.	0.7	263
3	Hybrid Linear Modeling via Local Best-Fit Flats. International Journal of Computer Vision, 2012, 100, 217-240.	10.9	133
4	Median K-Flats for hybrid linear modeling with many outliers. , 2009, , .		82
5	A Mathematical Motivation for Complex-Valued Convolutional Networks. Neural Computation, 2016, 28, 815-825.	1.3	64
6	Multi-class Transductive Learning Based on â„" 1 Relaxations of Cheeger Cut and Mumford-Shah-Potts Model. Journal of Mathematical Imaging and Vision, 2014, 49, 191-201.	0.8	35
7	Randomized hybrid linear modeling by local best-fit flats. , 2010, , .		26
8	Accurate Low-Rank Approximations Via a Few Iterations of Alternating Least Squares. SIAM Journal on Matrix Analysis and Applications, 2017, 38, 425-433.	0.7	10
9	Better Feature Tracking through Subspace Constraints. , 2014, , .		9
10	Scale-invariant learning and convolutional networks. Applied and Computational Harmonic Analysis, 2017, 42, 154-166.	1.1	7