

# Arthur Szlam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11605999/publications.pdf>

Version: 2024-02-01

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