

Arthur Szlam

List of Publications by Year in descending order

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

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10
papers

2,475
citations

1307594

7
h-index

1720034

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. | 5.6 | 1,846 |
| 2 | A Randomized Algorithm for Principal Component Analysis. SIAM Journal on Matrix Analysis and Applications, 2010, 31, 1100-1124. | 1.4 | 263 |
| 3 | Hybrid Linear Modeling via Local Best-Fit Flats. International Journal of Computer Vision, 2012, 100, 217-240. | 15.6 | 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. | 2.2 | 64 |
| 6 | Multi-class Transductive Learning Based on ℓ_1 Relaxations of Cheeger Cut and Mumford-Shah-Potts Model. Journal of Mathematical Imaging and Vision, 2014, 49, 191-201. | 1.3 | 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. | 1.4 | 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. | 2.2 | 7 |