Ju Sun

List of Publications by Year
in descending order

18 papers	3,468 citations	1040056 9 h-index	1372567 10 g-index
18 all docs	18 docs citations	18 times ranked	2916 citing authors

#	Article	IF	Citations
1	Performance of a Chest Radiograph AI Diagnostic Tool for COVID-19: A Prospective Observational Study. Radiology: Artificial Intelligence, 2022, 4, .	5.8	14
2	Dictionary learning in Fourier-transform scanning tunneling spectroscopy. Nature Communications, 2020, 11, 1081.	12.8	10
3	High-Speed Channel Modeling With Machine Learning Methods for Signal Integrity Analysis. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1957-1964.	2.2	102
4	A Geometric Analysis of Phase Retrieval. Foundations of Computational Mathematics, 2018, 18, 1131-1198.	2.5	144
5	Complete Dictionary Recovery Over the Sphere II: Recovery by Riemannian Trust-Region Method. IEEE Transactions on Information Theory, 2017, 63, 885-914.	2.4	49
6	Complete Dictionary Recovery Over the Sphere I: Overview and the Geometric Picture. IEEE Transactions on Information Theory, 2017, 63, 853-884.	2.4	110
7	A geometric analysis of phase retrieval. , 2016, , .		60
8	Finding a Sparse Vector in a Subspace: Linear Sparsity Using Alternating Directions. IEEE Transactions on Information Theory, 2016, 62, 5855-5880.	2.4	26
9	Complete dictionary recovery over the sphere. , 2015, , .		31
10	Efficient Point-to-Subspace Query in ell^1 with Application to Robust Object Instance Recognition. SIAM Journal on Imaging Sciences, 2014, 7, 2105-2138.	2.2	1
11	Robust Recovery of Subspace Structures by Low-Rank Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 171-184.	13.9	2,694
12	Efficient Point-to-Subspace Query in â„1 with Application to Robust Face Recognition. Lecture Notes in Computer Science, 2012, , 416-429.	1.3	0
13	Randomized Locality Sensitive Vocabularies for Bag-of-Features Model. Lecture Notes in Computer Science, 2010, , 748-761.	1.3	12
14	Robust Low-Rank Subspace Segmentation with Semidefinite Guarantees. , 2010, , .		38
15	Activity recognition using dense long-duration trajectories. , 2010, , .		38
16	Hierarchical spatio-temporal context modeling for action recognition. , 2009, , .		122
17	Hierarchical spatio-temporal context modeling for action recognition. , 2009, , .		17
18	3D ordinal constraint in spatial configuration for robust scene recognition. , 2008, , .		0