

Allen Y Yang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

9,477
citations

933447

10
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

6930
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Face Recognition via Sparse Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 210-227.	13.9	8,010
2	Unsupervised segmentation of natural images via lossy data compression. Computer Vision and Image Understanding, 2008, 110, 212-225.	4.7	411
3	Fast ℓ_1 -Minimization Algorithms for Robust Face Recognition. IEEE Transactions on Image Processing, 2013, 22, 3234-3246.	9.8	316
4	Estimation of Subspace Arrangements with Applications in Modeling and Segmenting Mixed Data. SIAM Review, 2008, 50, 413-458.	9.5	190
5	CITRIC: A low-bandwidth wireless camera network platform. , 2008, , .		138
6	Segmentation of Natural Images by Texture and Boundary Compression. International Journal of Computer Vision, 2011, 95, 86-98.	15.6	115
7	Natural Image Segmentation with Adaptive Texture and Boundary Encoding. Lecture Notes in Computer Science, 2010, , 135-146.	1.3	55
8	Robust Algebraic Segmentation of Mixed Rigid-Body and Planar Motions from Two Views. International Journal of Computer Vision, 2010, 88, 425-446.	15.6	43
9	Single-Sample Face Recognition with Image Corruption and Misalignment via Sparse Illumination Transfer. , 2013, , .		41
10	Sparse Illumination Learning and Transfer for Single-Sample Face Recognition with Image Corruption and Misalignment. International Journal of Computer Vision, 2015, 114, 272-287.	15.6	38
11	Symmetry-based 3-D reconstruction from perspective images. Computer Vision and Image Understanding, 2005, 99, 210-240.	4.7	32
12	Locality-preserving low-rank representation for graph construction from nonlinear manifolds. Neurocomputing, 2016, 175, 715-722.	5.9	32
13	Improving human-in-the-loop decision making in multi-mode driver assistance systems using hidden mode stochastic hybrid systems. , 2015, , .		21
14	Nonlinear basis pursuit. , 2013, , .		16
15	An efficient algorithm for discrete-time hidden mode stochastic hybrid systems. , 2015, , .		6
16	Compressive Shift Retrieval. IEEE Transactions on Signal Processing, 2014, 62, 4105-4113.	5.3	5
17	Compressive shift retrieval. , 2013, , .		3
18	Modeling Supervisor Safe Sets for Improving Collaboration in Human-Robot Teams. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Multiscale TILT Feature Detection with Application to Geometric Image Segmentation. , 2013, , .		2