

# Allen Y Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10848679/publications.pdf>

Version: 2024-02-01

19  
papers

9,477  
citations

932766

10  
h-index

1281420

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

6930  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Modeling Supervisor Safe Sets for Improving Collaboration in Human-Robot Teams. , 2018, , .  |      | 3         |
| 2  | Locality-preserving low-rank representation for graph construction from nonlinear manifolds. Neurocomputing, 2016, 175, 715-722.   | 3.5  | 32        |
| 3  | An efficient algorithm for discrete-time hidden mode stochastic hybrid systems. , 2015, , .  |      | 6         |
| 4  | Improving human-in-the-loop decision making in multi-mode driver assistance systems using hidden mode stochastic hybrid systems. , 2015, , .                                       |      | 21        |
| 5  | Sparse Illumination Learning and Transfer for Single-Sample Face Recognition with Image Corruption and Misalignment. International Journal of Computer Vision, 2015, 114, 272-287. | 10.9 | 38        |
| 6  | Compressive Shift Retrieval. IEEE Transactions on Signal Processing, 2014, 62, 4105-4113.  | 3.2  | 5         |
| 7  | Single-Sample Face Recognition with Image Corruption and Misalignment via Sparse Illumination Transfer. , 2013, , .  |      | 41        |
| 8  | Multiscale TILT Feature Detection with Application to Geometric Image Segmentation. , 2013, , .  |      | 2         |
| 9  | Fast $\ell_1$ -Minimization Algorithms for Robust Face Recognition. IEEE Transactions on Image Processing, 2013, 22, 3234-3246.  | 6.0  | 316       |
| 10 | Nonlinear basis pursuit. , 2013, , .   |      | 16        |
| 11 | Compressive shift retrieval. , 2013, , .   |      | 3         |
| 12 | Segmentation of Natural Images by Texture and Boundary Compression. International Journal of Computer Vision, 2011, 95, 86-98.   | 10.9 | 115       |
| 13 | Robust Algebraic Segmentation of Mixed Rigid-Body and Planar Motions from Two Views. International Journal of Computer Vision, 2010, 88, 425-446.                                  | 10.9 | 43        |
| 14 | Natural Image Segmentation with Adaptive Texture and Boundary Encoding. Lecture Notes in Computer Science, 2010, , 135-146.  | 1.0  | 55        |
| 15 | Robust Face Recognition via Sparse Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 210-227.  | 9.7  | 8,010     |
| 16 | Unsupervised segmentation of natural images via lossy data compression. Computer Vision and Image Understanding, 2008, 110, 212-225.   | 3.0  | 411       |
| 17 | Estimation of Subspace Arrangements with Applications in Modeling and Segmenting Mixed Data. SIAM Review, 2008, 50, 413-458.   | 4.2  | 190       |
| 18 | CITRIC: A low-bandwidth wireless camera network platform. , 2008, , .  |      | 138       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Symmetry-based 3-D reconstruction from perspective images. Computer Vision and Image Understanding, 2005, 99, 210-240. | 3.0 | 32        |