

Andy M Yip

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,133
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene network interconnectedness and the generalized topological overlap measure. BMC Bioinformatics, 2007, 8, 22.	2.6	567
2	Simultaneous total variation image inpainting and blind deconvolution. International Journal of Imaging Systems and Technology, 2005, 15, 92-102.	4.1	62
3	A Variational Model for Segmentation of Overlapping Objects With Additive Intensity Value. IEEE Transactions on Image Processing, 2011, 20, 1495-1503.	9.8	58
4	Superresolution image reconstruction using fast inpainting algorithms. Applied and Computational Harmonic Analysis, 2007, 23, 3-24.	2.2	51
5	Dynamic cluster formation using level set methods. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 877-889.	13.9	48
6	Cosine transform preconditioners for high resolution image reconstruction. Linear Algebra and Its Applications, 2000, 316, 89-104.	0.9	47
7	A Multiresolution Stochastic Level Set Method for Mumford-Shah Image Segmentation. IEEE Transactions on Image Processing, 2008, 17, 2289-2300.	9.8	47
8	A Fast MAP Algorithm for High-Resolution Image Reconstruction with Multisensors. Multidimensional Systems and Signal Processing, 2001, 12, 143-164.	2.6	43
9	A Primal-Dual Method for Total-Variation-Based Wavelet Domain Inpainting. IEEE Transactions on Image Processing, 2012, 21, 106-114.	9.8	42
10	A Primal-Dual Active-Set Method for Non-Negativity Constrained Total Variation Deblurring Problems. IEEE Transactions on Image Processing, 2007, 16, 2766-2777.	9.8	35
11	A regularized k-means and multiphase scale segmentation. Inverse Problems and Imaging, 2011, 5, 407-429.	1.1	32
12	A Fast Optimization Transfer Algorithm for Image Inpainting in Wavelet Domains. IEEE Transactions on Image Processing, 2009, 18, 1467-1476.	9.8	27
13	A primal-dual active-set algorithm for bilaterally constrained total variation deblurring and piecewise constant Mumford-Shah segmentation problems. Advances in Computational Mathematics, 2009, 31, 237-266.	1.6	19
14	A Restoration Framework for Correcting Photometric and Geometric Distortions in Camera-based Document Images. , 2007, , .		10
15	The best circulant preconditioners for Hermitian Toeplitz systems II: The multiple-zero case. Numerische Mathematik, 2002, 92, 17-40.	1.9	8
16	Shape from Shading Based on Lax-Friedrichs Fast Sweeping and Regularization Techniques With Applications to Document Image Restoration. , 2007, , .		8
17	Automated Protein Distribution Detection in High-Throughput Image-Based siRNA Library Screens. Journal of Signal Processing Systems, 2009, 55, 1-13.	2.1	8
18	Numerical methods for interactive multiple-class image segmentation problems. International Journal of Imaging Systems and Technology, 2010, 20, 191-201.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Semi-Supervised subspace learning for Mumford-Shah model based texture segmentation. Optics Express, 2010, 18, 4434.	3.4	6
20	Strategies for Identifying Statistically Significant Dense Regions in Microarray Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 415-429.	3.0	5
21	Subspace learning for Mumford-Shah-model-based texture segmentation through texture patches. Applied Optics, 2011, 50, 3947.	2.1	3
22	Automatic Image Annotation Using Word Embedding Learning. , 2012, , .		0