Andy M Yip

List of Publications by Year
in descending order

		687363	794594
22 papers	1,133 citations	13 h-index	19 g-index
22 all docs	22 docs citations	22 times ranked	1697 citing authors

#	Article	IF	Citations
1	Automatic Image Annotation Using Word Embedding Learning. , 2012, , .		0
2	A Primalâ€"Dual Method for Total-Variation-Based Wavelet Domain Inpainting. IEEE Transactions on Image Processing, 2012, 21, 106-114.	9.8	42
3	Subspace learning for Mumfordâ€"Shah-model-based texture segmentation through texture patches. Applied Optics, 2011, 50, 3947.	2.1	3
4	A Variational Model for Segmentation of Overlapping Objects With Additive Intensity Value. IEEE Transactions on Image Processing, 2011, 20, 1495-1503.	9.8	58
5	A regularized k-means and multiphase scale segmentation. Inverse Problems and Imaging, 2011, 5, 407-429.	1.1	32
6	Numerical methods for interactive multiple-class image segmentation problems. International Journal of Imaging Systems and Technology, 2010, 20, 191-201.	4.1	7
7	Semi-Supervised subspace learning for Mumford-Shah model based texture segmentation. Optics Express, 2010, 18, 4434.	3.4	6
8	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
9	Automated Protein Distribution Detection in High-Throughput Image-Based siRNA Library Screens. Journal of Signal Processing Systems, 2009, 55, 1-13.	2.1	8
10	A Fast Optimization Transfer Algorithm for Image Inpainting in Wavelet Domains. IEEE Transactions on Image Processing, 2009, 18, 1467-1476.	9.8	27
11	A Multiresolution Stochastic Level Set Method for Mumfordâ€"Shah Image Segmentation. IEEE Transactions on Image Processing, 2008, 17, 2289-2300.	9.8	47
12	Shape from Shading Based on Lax-Friedrichs Fast Sweeping and Regularization Techniques With Applications to Document Image Restoration. , 2007, , .		8
13	A Restoration Framework for Correcting Photometric and Geometric Distortions in Camera-based Document Images. , 2007, , .		10
14	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
15	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
16	Gene network interconnectedness and the generalized topological overlap measure. BMC Bioinformatics, 2007, 8, 22.	2.6	567
17	Superresolution image reconstruction using fast inpainting algorithms. Applied and Computational Harmonic Analysis, 2007, 23, 3-24.	2.2	51
18	Dynamic cluster formation using level set methods. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 877-889.	13.9	48

#	Article	IF	Citations
19	Simultaneous total variation image inpainting and blind deconvolution. International Journal of Imaging Systems and Technology, 2005, 15, 92-102.	4.1	62
20	The best circulant preconditioners for Hermitian Toeplitz systems II: The multiple-zero case. Numerische Mathematik, 2002, 92, 17-40.	1.9	8
21	A Fast MAP Algorithm for High-Resolution Image Reconstruction with Multisensors. Multidimensional Systems and Signal Processing, 2001, 12, 143-164.	2.6	43
22	Cosine transform preconditioners for high resolution image reconstruction. Linear Algebra and Its Applications, 2000, 316, 89-104.	0.9	47