Lopamudra Mukherjee

List of Publications by Year
in descending order

| 25 papers | 752 citations | 840776
11 h-index | 888059
17 g-index |
|---|---|---|---|
| 25 all docs | 25 docs citations | 25 times ranked | 875 citing authors |

#	Article	IF	Citations
1	Spatially augmented LPboosting for AD classification with evaluations on the ADNI dataset. NeuroImage, 2009, 48, 138-149.	4.2	186
2	Half-integrality based algorithms for cosegmentation of images. , 2009, , .		125
3	Scale invariant cosegmentation for image groups. , 2011, , 1881-1888.		88
4	Ensemble clustering using semidefinite programming with applications. Machine Learning, 2010, 79, 177-200.	5.4	60
5	Cell type specific chromosome territory organization in the interphase nucleus of normal and cancer cells. Journal of Cellular Physiology, 2009, 221, 130-138.	4.1	56
6	Identifying functional neighborhoods within the cell nucleus: Proximity analysis of early Sâ€phase replicating chromatin domains to sites of transcription, RNA polymerase II, HP1Î³, matrin 3 and SAFâ€A. Journal of Cellular Biochemistry, 2008, 105, 391-403.	2.6	43
7	A probabilistic model for the arrangement of a subset of human chromosome territories in WI38 Human fibroblasts. Journal of Cellular Physiology, 2009, 221, 120-129.	4.1	29
8	Generalized median graphs and applications. Journal of Combinatorial Optimization, 2009, 17, 21-44.	1.3	28
9	Cortical Surface Thickness as a Classifier: Boosting for Autism Classification. Lecture Notes in Computer Science, 2008, 11, 999-1007.	1.3	23
10	Brachytherapy Seed Localization Using Geometric and Linear Programming Techniques. IEEE Transactions on Medical Imaging, 2007, 26, 1291-1304.	8.9	14
11	Nonâ€Random Patterns in the Distribution of NORâ€Bearing Chromosome Territories in Human Fibroblasts: A Network Model of Interactions. Journal of Cellular Physiology, 2015, 230, 427-439.	4.1	13
12	Convolutional neural networks for whole slide image superresolution. Biomedical Optics Express, 2018, 9, 5368.	2.9	13
13	Limited view CT reconstruction and segmentation via constrained metric labeling. Computer Vision and Image Understanding, 2008, 112, 67-80.	4.7	12
14	Super-resolution recurrent convolutional neural networks for learning with multi-resolution whole slide images. Journal of Biomedical Optics, 2019, 24, 1.	2.6	12
15	Half-integrality based algorithms for cosegmentation of images. , 2009, , .		10
16	Joint regression-classification deep learning framework for analyzing fluorescence lifetime images using NADH and FAD. Biomedical Optics Express, 2021, 12, 2703.	2.9	8
17	An NMF Perspective on Binary Hashing. , 2015, , .		7
18	Half-Integrality based Algorithms for Cosegmentation of Images. Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2009, , 2028-2035.	1.0	7

#	Article	IF	Citations
19	An efficient algorithm for maximal margin clustering. Journal of Global Optimization, 2012, 52, 123-137.	1.8	6
20	Generalized Median Graphs: Theory and Applications. , 2007, , .		5
21	Limited view CT reconstruction via constrained metric labeling. , 2007, , .		2
22	On Mobility Analysis of Functional Sites from Time Lapse Microscopic Image Sequences of Living Cell Nucleus. Lecture Notes in Computer Science, 2006, 9, 577-585.	1.3	2
23	Ensemble Clustering using Semidefinite Programming. Advances in Neural Information Processing Systems, 2007, 20, 3283.	2.8	2
24	Solving the brachytherapy seed localization problem using geometric and linear programming techniques. , 2006, , .		1
25	Motion Tracking and Intensity Surface Recovery in Microscopic Nuclear Images. Lecture Notes in Computer Science, 2005, 8, 876-884.	1.3	0