

Vikas Singh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

571
citations

840776

11
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	Half-integrality based algorithms for cosegmentation of images. , 2009, , .		125
2	Ensemble clustering using semidefinite programming with applications. Machine Learning, 2010, 79, 177-200.	5.4	60
3	Imaging-based enrichment criteria using deep learning algorithms for efficient clinical trials in mild cognitive impairment. Alzheimer's and Dementia, 2015, 11, 1489-1499.	0.8	57
4	3D texture analysis for classification of second harmonic generation images of human ovarian cancer. Scientific Reports, 2016, 6, 35734.	3.3	51
5	Second harmonic generation microscopy analysis of extracellular matrix changes in human idiopathic pulmonary fibrosis. Journal of Biomedical Optics, 2014, 19, 086014.	2.6	50
6	Texture analysis applied to second harmonic generation image data for ovarian cancer classification. Journal of Biomedical Optics, 2014, 19, 096007.	2.6	41
7	Relative vascular permeability and vascularity across different regions of the rat nasal mucosa: implications for nasal physiology and drug delivery. Scientific Reports, 2016, 6, 31732.	3.3	36
8	Generalized median graphs and applications. Journal of Combinatorial Optimization, 2009, 17, 21-44.	1.3	28
9	Statistical tests and identifiability conditions for pooling and analyzing multisite datasets. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1481-1486.	7.1	26
10	Multi-resolutional shape features via non-Euclidean wavelets: Applications to statistical analysis of cortical thickness. NeuroImage, 2014, 93, 107-123.	4.2	25
11	Cerebrospinal fluid biomarkers of neurofibrillary tangles and synaptic dysfunction are associated with longitudinal decline in white matter connectivity: A multi-resolution graph analysis. NeuroImage: Clinical, 2019, 21, 101586.	2.7	24
12	Cortical Surface Thickness as a Classifier: Boosting for Autism Classification. Lecture Notes in Computer Science, 2008, 11, 999-1007.	1.3	23
13	FairALM: Augmented Lagrangian Method for Training Fair Models with Little Regret. Lecture Notes in Computer Science, 2020, 12357, 365-381.	1.3	11
14	Half-integrality based algorithms for cosegmentation of images. , 2009, , .		10
15	Ensemble Clustering using Semidefinite Programming. Advances in Neural Information Processing Systems, 2007, 20, 3283.	2.8	2
16	Localizing differentially evolving covariance structures via scan statistics. Quarterly of Applied Mathematics, 2018, 77, 357-398.	0.7	1
17	Sampling-free Uncertainty Estimation in Gated Recurrent Units with Applications to Normative Modeling in Neuroimaging. Uncertainty in artificial intelligence : proceedings of the ... conference., 2019, 2019, .	0.9	1
18	Learning Invariant Representations using Inverse Contrastive Loss. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 6582-6591.	4.9	0