

Humayun Irshad

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

1,827
citations

13
h-index

14
g-index

14
ext. papers

2,428
ext. citations

8.8
avg, IF

4.11
L-index

#	Paper	IF	Citations
14	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2199-2210	27.4	1165
13	Mitosis detection in breast cancer histological images An ICPR 2012 contest. <i>Journal of Pathology Informatics</i> , 2013 , 4, 8	4.4	152
12	Nanoscale imaging of clinical specimens using pathology-optimized expansion microscopy. <i>Nature Biotechnology</i> , 2017 , 35, 757-764	44.5	114
11	Automated mitosis detection in histopathology using morphological and multi-channel statistics features. <i>Journal of Pathology Informatics</i> , 2013 , 4, 10	4.4	86
10	Computational pathology to discriminate benign from malignant intraductal proliferations of the breast. <i>PLoS ONE</i> , 2014 , 9, e114885	3.7	82
9	Automated mitosis detection using texture, SIFT features and HMAX biologically inspired approach. <i>Journal of Pathology Informatics</i> , 2013 , 4, S12	4.4	53
8	Image segmentation using fuzzy clustering: A survey 2010 ,		47
7	Crowdsourcing image annotation for nucleus detection and segmentation in computational pathology: evaluating experts, automated methods, and the crowd. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2015 , 294-305	1.3	38
6	Multispectral band selection and spatial characterization: Application to mitosis detection in breast cancer histopathology. <i>Computerized Medical Imaging and Graphics</i> , 2014 , 38, 390-402	7.6	23
5	Crowdsourcing scoring of immunohistochemistry images: Evaluating Performance of the Crowd and an Automated Computational Method. <i>Scientific Reports</i> , 2017 , 7, 43286	4.9	20
4	Automated clear cell renal carcinoma grade classification with prognostic significance. <i>PLoS ONE</i> , 2019 , 14, e0222641	3.7	17
3	Multi-channels statistical and morphological features based mitosis detection in breast cancer histopathology. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 6091-4	0.9	14
2	Image Fusion Using Computational Intelligence: A Survey 2009 ,		14
1	Nuclear spatial and spectral features based evolutionary method for meningioma subtypes classification in histopathology. <i>Microscopy Research and Technique</i> , 2017 , 80, 851-861	2.8	2