

Yinhai Wang

List of Publications by Year in Descending Order

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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.

16
papers

1,010
citations

8
h-index

17
g-index

17
ext. papers

1,266
ext. citations

4.8
avg. IF

4.62
L-index

#	Paper	IF	Citations
16	An automated cell line authentication method for AstraZeneca global cell bank using deep neural networks on brightfield images.. <i>Scientific Reports</i> , 2022 , 12, 7894	4.9	
15	The rise of deep learning in drug discovery. <i>Drug Discovery Today</i> , 2018 , 23, 1241-1250	8.8	650
14	Whole slide image cytometry: a novel method to detect abnormal DNA content in Barrett's esophagus. <i>Laboratory Investigation</i> , 2015 , 95, 1319-30	5.9	6
13	PICan: An integromics framework for dynamic cancer biomarker discovery. <i>Molecular Oncology</i> , 2015 , 9, 1234-40	7.9	13
12	Automated tumor analysis for molecular profiling in lung cancer. <i>Oncotarget</i> , 2015 , 6, 27938-52	3.3	30
11	Assessment of tumour viability in human lung cancer xenografts with texture-based image analysis. <i>Journal of Clinical Pathology</i> , 2015 , 68, 614-21	3.9	8
10	Digital pathology and image analysis in tissue biomarker research. <i>Methods</i> , 2014 , 70, 59-73	4.6	120
9	Virtual microscopy and digital pathology in training and education. <i>Apmis</i> , 2012 , 120, 305-15	3.4	87
8	A robust co-localisation measurement utilising z-stack image intensity similarities for biological studies. <i>PLoS ONE</i> , 2012 , 7, e30632	3.7	5
7	SurfaceSlide: a multitouch digital pathology platform. <i>PLoS ONE</i> , 2012 , 7, e30783	3.7	13
6	Ultra-fast processing of gigapixel Tissue MicroArray images using high performance computing. <i>Cellular Oncology (Dordrecht)</i> , 2011 , 34, 495-507	7.2	5
5	A TMA de-arraying method for high throughput biomarker discovery in tissue research. <i>PLoS ONE</i> , 2011 , 6, e26007	3.7	7
4	Ultra-Fast Processing of Gigapixel Tissue MicroArray Images Using High Performance Computing. <i>Analytical Cellular Pathology</i> , 2010 , 33, 271-285	3.4	4
3	Ultra-fast processing of gigapixel Tissue MicroArray images using high performance computing. <i>Analytical Cellular Pathology</i> , 2010 , 33, 271-85	3.4	3
2	Assisted Diagnosis of Cervical Intraepithelial Neoplasia (CIN). <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2009 , 3, 112-121	7.5	54
1	Segmentation of squamous epithelium from ultra-large cervical histological virtual slides. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 775-8		5