Mark D Zarella

List of Publications by Year
in descending order

26 papers	986 citations	933447 10 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	1267 citing authors

#	Article	IF	Citations
1	Computational pathology definitions, best practices, and recommendations for regulatory guidance: a white paper from the Digital Pathology Association. Journal of Pathology, 2019, 249, 286-294.	4.5	263
2	Introduction to Digital Image Analysis in Whole-slide Imaging: A White Paper from the Digital Pathology Association. Journal of Pathology Informatics, 2019, 10, 9.	1.7	243
3	A Practical Guide to Whole Slide Imaging: A White Paper From the Digital Pathology Association. Archives of Pathology and Laboratory Medicine, 2019, 143, 222-234.	2.5	228
4	Whither the hypercolumn?. Journal of Physiology, 2009, 587, 2791-2805.	2.9	41
5	Dissecting the Business Case for Adoption and Implementation of Digital Pathology: A White Paper from the Digital Pathology Association. Journal of Pathology Informatics, 2021, 12, 17.	1.7	41
6	An alternative reference space for H&E color normalization. PLoS ONE, 2017, 12, e0174489.	2.5	34
7	Quantitative Image Analysis for Tissue Biomarker Use: A White Paper From the Digital Pathology Association. Applied Immunohistochemistry and Molecular Morphology, 2021, 29, 479-493.	1.2	28
8	An optimized color transformation for the analysis of digital images of hematoxylin & eosin stained slides. Journal of Pathology Informatics, 2015, 6, 33.	1.7	20
9	Continuing Undergraduate Pathology Medical Education in the Coronavirus Disease 2019 (COVID-19) Global Pandemic: The Johns Hopkins Virtual Surgical Pathology Clinical Elective. Archives of Pathology and Laboratory Medicine, 2021, 145, 814-820.	2.5	15
10	The Future of Pathology: What can we Learn from the COVID-19 Pandemic?. Journal of Pathology Informatics, 2020, 11, 15.	1.7	15
11	Painful Unilateral Temporalis Muscle Enlargement: Reactive Masticatory Muscle Hypertrophy. Head and Neck Pathology, 2014, 8, 187-193.	2.6	10
12	Video compression to support the expansion of whole-slide imaging into cytology. Journal of Medical Imaging, 2019, 6, 1.	1.5	8
13	Estimation of Fine-Scale Histologic Features at Low Magnification. Archives of Pathology and Laboratory Medicine, 2018, 142, 1394-1402.	2.5	7
14	A Template Matching Model for Nuclear Segmentation in Digital Images of H&E Stained Slides. , 2017, , .		6
15	Laboratory computer performance in a digital pathology environment: Outcomes from a single institution. Journal of Pathology Informatics, 2018, 9, 44.	1.7	6
16	High‐throughput whole‐slide scanning to enable large‐scale data repository building. Journal of Pathology, 2022, 257, 383-390.	4.5	6
17	Lymph Node Metastasis Status in Breast Carcinoma Can Be Predicted via Image Analysis of Tumor Histology. Analytical and Quantitative Cytopathology and Histopathology, 2015, 37, 273-85.	0.2	5
18	BCL-2 expression aids in the immunohistochemical prediction of the Oncotype DX breast cancer recurrence score. BMC Clinical Pathology, 2018, 18, 14.	1.8	3

#	Article	IF	Citations
19	Cue combination encoding via contextual modulation of V1 and V2 neurons. Eye and Brain, 2016, Volume 8, 177-193.	2.5	2
20	Contextual modulation revealed by optical imaging exhibits figural asymmetry in macaque V1 and V2. Eye and Brain, 2017, Volume 9, 1-12.	2.5	2
21	The origins of stimulus dependent intrinsic optical signals of the retina. Journal of Vision, 2004, 4, 39-39.	0.3	1
22	An agent-based approach to predicting lymph node metastasis status in breast cancer. , 2021, , .		1
23	Automated Classification Map Generation of Prostate Cancer using Deep Learning. , 2021, , .		1
24	B-Cell lymphoma 2 Protein Expression and Established Clinicopathologic Features in Breast Cancers. American Journal of Clinical Pathology, 2019, 152, S51-S51.	0.7	0
25	Image processing to extend effective OCT penetration depth in tissue. , 2018, , .		0
26	Digital Pathology and Tissue Image Analysis. , 2022, , 395-421.		0