

Matthew G Hanna

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,757
citations

394421

19
h-index

206112

48
g-index

48
all docs

48
docs citations

48
times ranked

3448
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital validation of breast biomarkers (ER, PR, AR, and HER2) in cytology specimens using three different scanners. <i>Modern Pathology</i> , 2022, 35, 52-59.	5.5	8
2	Integrating digital pathology into clinical practice. <i>Modern Pathology</i> , 2022, 35, 152-164.	5.5	42
3	Efficient Visualization of Whole Slide Images in Web-based Viewers for Digital Pathology. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 1273-1280.	2.5	4
4	Current applications and challenges of artificial intelligence in pathology. <i>Human Pathology Reports</i> , 2022, 27, 300596.	0.3	7
5	Development of Training Materials for Pathologists to Provide Machine Learning Validation Data of Tumor-Infiltrating Lymphocytes in Breast Cancer. <i>Cancers</i> , 2022, 14, 2467.	3.7	4
6	Introduction to Artificial Intelligence and Machine Learning for Pathology. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 1228-1254.	2.5	35
7	Interobserver Variation of PD-L1 SP142 Immunohistochemistry Interpretation in Breast Carcinoma: A Study of 79 Cases Using Whole Slide Imaging. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 1132-1137.	2.5	11
8	Deep Multi-Magnification Networks for multi-class breast cancer image segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101866.	5.8	69
9	Multi-magnification-based machine learning as an ancillary tool for the pathologic assessment of shaved margins for breast carcinoma lumpectomy specimens. <i>Modern Pathology</i> , 2021, 34, 1487-1494.	5.5	15
10	Pathology Informatics Education during the COVID-19 Pandemic at Memorial Sloan Kettering Cancer Center (MSKCC). <i>Acta Medica Academica</i> , 2021, 50, 136.	0.8	4
11	Integrated digital pathology at scale: A solution for clinical diagnostics and cancer research at a large academic medical center. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1874-1884.	4.4	39
12	Dissecting the Business Case for Adoption and Implementation of Digital Pathology: A White Paper from the Digital Pathology Association. <i>Journal of Pathology Informatics</i> , 2021, 12, 17.	1.7	41
13	Digital Pathology Operations at an NYC Tertiary Cancer Center During the First 4 Months of COVID-19 Pandemic Response. <i>Academic Pathology</i> , 2021, 8, 23742895211010276.	1.1	18
14	Metastasis and Immune Evasion from Extracellular cGAMP Hydrolysis. <i>Cancer Discovery</i> , 2021, 11, 1212-1227.	9.4	139
15	HER2 Immunohistochemistry in Invasive Micropapillary Breast Carcinoma: Complete Assessment of an Incomplete Pattern. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 979-987.	2.5	7
16	A Pathologist-Annotated Dataset for Validating Artificial Intelligence: A Project Description and Pilot Study. <i>Journal of Pathology Informatics</i> , 2021, 12, 45.	1.7	17
17	Outcome of Everolimus-Based Therapy in Hormone-Receptor-Positive Metastatic Breast Cancer Patients After Progression on Palbociclib. <i>Breast Cancer: Basic and Clinical Research</i> , 2020, 14, 117822342094486.	1.1	20
18	Report on computational assessment of Tumor Infiltrating Lymphocytes from the International Immuno-Oncology Biomarker Working Group. <i>Npj Breast Cancer</i> , 2020, 6, 16.	5.2	90

#	ARTICLE	IF	CITATIONS
19	Pitfalls in assessing stromal tumor infiltrating lymphocytes (sTILs) in breast cancer. <i>Npj Breast Cancer</i> , 2020, 6, 17.	5.2	106
20	Validation of a digital pathology system including remote review during the COVID-19 pandemic. <i>Modern Pathology</i> , 2020, 33, 2115-2127.	5.5	112
21	Whole Slide Imaging: Technology and Applications. <i>Advances in Anatomic Pathology</i> , 2020, 27, 251-259.	4.3	63
22	A Regulatory Science Initiative to Harmonize and Standardize Digital Pathology and Machine Learning Processes to Speed up Clinical Innovation to Patients. <i>Journal of Pathology Informatics</i> , 2020, 11, 22.	1.7	19
23	The Future of Pathology: What can we Learn from the COVID-19 Pandemic?. <i>Journal of Pathology Informatics</i> , 2020, 11, 15.	1.7	15
24	(Re) Defining the High-Power Field for Digital Pathology. <i>Journal of Pathology Informatics</i> , 2020, 11, 33.	1.7	16
25	Clinical-grade computational pathology using weakly supervised deep learning on whole slide images. <i>Nature Medicine</i> , 2019, 25, 1301-1309.	30.7	1,320
26	Validation of mitotic cell quantification via microscopy and multiple whole-slide scanners. <i>Diagnostic Pathology</i> , 2019, 14, 65.	2.0	23
27	Implementation of Digital Pathology Offers Clinical and Operational Increase in Efficiency and Cost Savings. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 1545-1555.	2.5	81
28	Feasibility of using the Omnyx digital pathology system for cytology practice. <i>Journal of the American Society of Cytopathology</i> , 2019, 8, 182-189.	0.5	11
29	Whole-Slide imaging equivalency and efficiency study: experience at a large academic center. <i>Modern Pathology</i> , 2019, 32, 916-928.	5.5	134
30	Advantage of Z&Cstacking for teleconsultation between the USA and Colombia. <i>Diagnostic Cytopathology</i> , 2019, 47, 35-40.	1.0	13
31	Automatic quantification of HER2 gene amplification in invasive breast cancer from chromogenic in situ hybridization whole slide images. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	14
32	Photo Quiz: Hematuria in a 26-Year-Old Male with AIDS. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	1
33	Answer to May 2018 Photo Quiz. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	1
34	Career Paths of Pathology Informatics Fellowship Alumni. <i>Journal of Pathology Informatics</i> , 2018, 9, 14.	1.7	2
35	The role of informatics in patient-centered care and personalized medicine. <i>Cancer Cytopathology</i> , 2017, 125, 494-501.	2.4	6
36	Reply to Why is digital pathology in cytopathology lagging behind surgical pathology?. <i>Cancer Cytopathology</i> , 2017, 125, 732-732.	2.4	4

#	ARTICLE	IF	CITATIONS
37	Why is digital pathology in cytopathology lagging behind surgical pathology?. <i>Cancer Cytopathology</i> , 2017, 125, 519-520.	2.4	23
38	Comparison of glass slides and various digital slide modalities for cytopathology screening and interpretation. <i>Cancer Cytopathology</i> , 2017, 125, 701-709.	2.4	59
39	Predictive Nuclear Chromatin Characteristics of Melanoma and Dysplastic Nevi. <i>Journal of Pathology Informatics</i> , 2017, 8, 15.	1.7	5
40	Validation and Utility of the Free Light Chain Assay in Pleural Effusions of Patients With Multiple Myeloma. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2016, 16, e113-e117.	0.4	4
41	Swallowed Fluticasone Propionate Is an Effective Long-Term Maintenance Therapy for Children With Eosinophilic Esophagitis. <i>American Journal of Gastroenterology</i> , 2016, 111, 1187-1197.	0.4	76
42	Bar Coding and Tracking in Pathology. <i>Clinics in Laboratory Medicine</i> , 2016, 36, 13-30.	1.4	9
43	Overview of contemporary guidelines in digital pathology: what is available in 2015 and what still needs to be addressed?. <i>Journal of Clinical Pathology</i> , 2015, 68, 499-505.	2.0	39
44	Bar Coding and Tracking in Pathology. <i>Surgical Pathology Clinics</i> , 2015, 8, 123-135.	1.7	12
45	Smartphone applications: A contemporary resource for dermatopathology. <i>Journal of Pathology Informatics</i> , 2015, 6, 44.	1.7	8
46	Minimally invasive mammary Paget's disease without an underlying breast carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013, 463, 471-473.	2.8	8