Liron Pantanowitz

List of Publications by Year in descending order

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235 papers	9,296 citations	34105 52 h-index	56724 83 g-index
239 all docs	239 docs citations	239 times ranked	7567 citing authors

#	Article	IF	Citations
1	Validating Whole Slide Imaging for Diagnostic Purposes in Pathology: Guideline from the College of American Pathologists Pathology and Laboratory Quality Center. Archives of Pathology and Laboratory Medicine, 2013, 137, 1710-1722.	2.5	466
2	Review of the current state of whole slide imaging in pathology. Journal of Pathology Informatics, 2011, 2, 36.	1.7	314
3	Artificial Intelligence and Digital Pathology: Challenges and Opportunities. Journal of Pathology Informatics, 2018, 9, 38.	1.7	309
4	HIVâ€associated plasmablastic lymphoma: Lessons learned from 112 published cases. American Journal of Hematology, 2008, 83, 804-809.	4.1	266
5	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
6	Kaposi Sarcoma. Archives of Pathology and Laboratory Medicine, 2013, 137, 289-294.	2.5	211
7	Digital images and the future of digital pathology. Journal of Pathology Informatics, 2010, 1, 15.	1.7	178
8	Imatinib-Induced Regression of AIDS-Related Kaposi's Sarcoma. Journal of Clinical Oncology, 2005, 23, 982-989.	1.6	170
9	An artificial intelligence algorithm for prostate cancer diagnosis in whole slide images of core needle biopsies: a blinded clinical validation and deployment study. The Lancet Digital Health, 2020, 2, e407-e416.	12.3	163
10	AIDSâ€Related Malignancies: Emerging Challenges in the Era of Highly Active Antiretroviral Therapy. Oncologist, 2005, 10, 412-426.	3.7	156
11	Augmented Reality Technology Using Microsoft HoloLens in Anatomic Pathology. Archives of Pathology and Laboratory Medicine, 2018, 142, 638-644.	2.5	153
12	HIV/AIDS: Epidemiology, Pathophysiology, and Treatment of Kaposi Sarcomaâ€“Associated Herpesvirus Disease: Kaposi Sarcoma, Primary Effusion Lymphoma, and Multicentric Castleman Disease. Clinical Infectious Diseases, 2008, 47, 1209-1215.	5.8	149
13	Twenty Years of Digital Pathology: An Overview of the Road Travelled, What is on the Horizon, and the Emergence of Vendor-Neutral Archives. Journal of Pathology Informatics, 2018, 9, 40.	1.7	145
14	Histological variants of cutaneous Kaposi sarcoma. Diagnostic Pathology, 2008, 3, 31.	2.0	141
15	Kaposi sarcoma in unusual locations. BMC Cancer, 2008, 8, 190.	2.6	127
16	Diagnosis and management of lymphomas and other cancers in HIV-infected patients. Nature Reviews Clinical Oncology, 2014, 11, 223-238.	27.6	125
17	US Food and Drug Administration Approval of Whole Slide Imaging for Primary Diagnosis: A Key Milestone Is Reached and New Questions Are Raised. Archives of Pathology and Laboratory Medicine, 2018, 142, 1383-1387.	2.5	123
18	Management of AIDS-related Kaposi's sarcoma. Lancet Oncology, The, 2007, 8, 167-176.	10.7	122

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19	Can Digital Pathology Result In Cost Savings? A Financial Projection For Digital Pathology Implementation At A Large Integrated Health Care Organization. Journal of Pathology Informatics, 2014, 5, 33.	1.7	115
20	Whole slide imaging in pathology: advantages, limitations, and emerging perspectives. Pathology and Laboratory Medicine International, 0, , 23.	0.2	101
21	Experience with multimodality telepathology at the University of Pittsburgh Medical Center. Journal of Pathology Informatics, 2012, 3, 45.	1.7	97
22	The growing problem of non-AIDS-defining malignancies in HIV. Current Opinion in Oncology, 2006, 18, 469-478.	2.4	85
23	Implementation of Whole Slide Imaging for Clinical Purposes: Issues to Consider From the Perspective of Early Adopters. Archives of Pathology and Laboratory Medicine, 2017, 141, 944-959.	2.5	84
24	Current State of the Regulatory Trajectory for Whole Slide Imaging Devices in the USA. Journal of Pathology Informatics, 2017, 8, 23.	1.7	84
25	Artificial intelligence in cytopathology: a review of the literature and overview of commercial landscape. Journal of the American Society of Cytopathology, 2019, 8, 230-241.	0.5	83
26	American Telemedicine Association clinical guidelines for telepathology. Journal of Pathology Informatics, 2014, 5, 39.	1.7	82
27	The impact of digital imaging in the field of cytopathology. CytoJournal, 2009, 6, 6.	1.7	81
28	Whole slide imaging for educational purposes. Journal of Pathology Informatics, 2012, 3, 46.	1.7	80
29	Fine-Tuning and training of densenet for histopathology image representation using TCGA diagnostic slides. Medical Image Analysis, 2021, 70, 102032.	11.6	80
30	An international multicenter study to evaluate reproducibility of automated scoring for assessment of Ki67 in breast cancer. Modern Pathology, 2019, 32, 59-69.	5.5	78
31	Standardization in digital pathology: Supplement 145 of the DICOM standards. Journal of Pathology Informatics, 2011, 2, 23.	1.7	77
32	Digital Pathology Consultationsâ€”a New Era in Digital Imaging, Challenges and Practical Applications. Journal of Digital Imaging, 2013, 26, 668-677.	2.9	75
33	Telecytology: Clinical applications, current challenges, and future benefits. Journal of Pathology Informatics, 2011, 2, 51.	1.7	75
34	HIVâ€associated multicentric Castleman's disease. American Journal of Hematology, 2008, 83, 498-503.	4.1	74
35	Routine Digital Pathology Workflow: The Catania Experience. Journal of Pathology Informatics, 2017, 8, 51.	1.7	74
36	Validating Whole Slide Imaging Systems for Diagnostic Purposes in Pathology. Archives of Pathology and Laboratory Medicine, 2022, 146, 440-450.	2.5	73

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37	Pan-cancer diagnostic consensus through searching archival histopathology images using artificial intelligence. Npj Digital Medicine, 2020, 3, 31.	10.9	71
38	Next-Generation Sequencing Informatics: Challenges and Strategies for Implementation in a Clinical Environment. Archives of Pathology and Laboratory Medicine, 2016, 140, 958-975.	2.5	70
39	Smartphone adapters for digital photomicrography. Journal of Pathology Informatics, 2014, 5, 24.	1.7	69
40	Yottixel â€“ An Image Search Engine for Large Archives of Histopathology Whole Slide Images. Medical Image Analysis, 2020, 65, 101757.	11.6	65
41	Diagnostic accuracy of image-guided percutaneous fine needle aspiration biopsy of the mediastinum. Diagnostic Cytopathology, 2007, 35, 705-709.	1.0	64
42	Pathology of the Breast Associated With HIV/AIDS. Breast Journal, 2002, 8, 234-243.	1.0	62
43	Indeterminate Pediatric Thyroid Fine Needle Aspirations: A Study of 68 Cases. Acta Cytologica, 2013, 57, 341-348.	1.3	60
44	Overview of Telepathology. Surgical Pathology Clinics, 2015, 8, 223-231.	1.7	60
45	Comparison of glass slides and various digitalâ€slide modalities for cytopathology screening and interpretation. Cancer Cytopathology, 2017, 125, 701-709.	2.4	59
46	Evaluation of Immunohistochemistry in Identifying Bartonella henselae in Cat-Scratch Disease. American Journal of Clinical Pathology, 2009, 131, 250-256.	0.7	57
47	Clinical Microbiology Informatics. Clinical Microbiology Reviews, 2014, 27, 1025-1047.	13.6	57
48	Ultrahigh-resolution and 3-dimensional optical coherence tomography ex vivo imaging of the large and small intestines. Gastrointestinal Endoscopy, 2005, 62, 561-574.	1.0	56
49	HIV-Associated Monoclonal Gammopathy: A Retrospective Analysis of 25 Patients. Clinical Infectious Diseases, 2006, 43, 1198-1205.	5.8	56
50	Diagnostic concordance between whole slide imaging and conventional light microscopy in cytopathology: A systematic review. Cancer Cytopathology, 2020, 128, 17-28.	2.4	56
51	Digital Imaging in Pathology. Clinics in Laboratory Medicine, 2012, 32, 557-584.	1.4	55
52	Medical Laboratory Informatics. Clinics in Laboratory Medicine, 2007, 27, 823-843.	1.4	54
53	The history of pathology informatics: A global perspective. Journal of Pathology Informatics, 2013, 4, 7.	1.7	54
54	Exploring virtual reality technology and the Oculus Rift for the examination of digital pathology slides. Journal of Pathology Informatics, 2016, 7, 22.	1.7	54

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55	Digital Imaging in Cytopathology. Pathology Research International, 2011, 2011, 1-10.	1.4	53
56	Relationship between magnification and resolution in digital pathology systems. Journal of Pathology Informatics, 2013, 4, 21.	1.7	52
57	Targeted therapies to treat non-AIDS-defining cancers in patients with HIV on HAART therapy: treatment considerations and research outlook. Current Opinion in Oncology, 2009, 21, 445-454.	2.4	48
58	Histological characterization of regression in acquired immunodeficiency syndrome-related Kaposi's sarcoma. Journal of Cutaneous Pathology, 2004, 31, 26-34.	1.3	47
59	Impact of image analysis and artificial intelligence in thyroid pathology, with particular reference to cytological aspects. Cytopathology, 2020, 31, 432-444.	0.7	46
60	Management of AIDS-related Kaposi sarcoma: advances in target discovery and treatment. Aids Reader, 2004, 14, 236-8, 243-4, 251-3.	0.3	46
61	International telepathology consultation: Three years of experience between the University of Pittsburgh Medical Center and KingMed Diagnostics in China. Journal of Pathology Informatics, 2015, 6, 63.	1.7	45
62	Three-dimensional Imaging and Scanning: Current and Future Applications for Pathology. Journal of Pathology Informatics, 2017, 8, 36.	1.7	45
63	Accuracy and efficiency of an artificial intelligence tool when counting breast mitoses. Diagnostic Pathology, 2020, 15, 80.	2.0	44
64	Impact of Digital Image Manipulation in Cytology. Archives of Pathology and Laboratory Medicine, 2009, 133, 57-61.	2.5	44
65	Breast Enlargement in 13 Men Who Were Seropositive for Human Immunodeficiency Virus. Clinical Infectious Diseases, 2002, 35, 1113-1119.	5.8	43
66	Review of Human Immunodeficiency Virus (HIV) and squamous lesions of the uterine cervix. Diagnostic Cytopathology, 2011, 39, 65-72.	1.0	43
67	Evaluation of endobronchial ultrasoundâ€guided fineâ€needle aspirations (EBUSâ€FNA): Correlation with adequacy and histologic followâ€up. Cancer Cytopathology, 2014, 122, 23-32.	2.4	43
68	Challenges in the Development, Deployment, and Regulation of Artificial Intelligence in Anatomic Pathology. American Journal of Pathology, 2021, 191, 1684-1692.	3.8	43
69	Prognostic factors in patients with HIVâ€associated peripheral Tâ€cell lymphoma: A multicenter study. American Journal of Hematology, 2011, 86, 256-261.	4.1	42
70	Benign nonâ€infectious causes of lymphadenopathy: A review of cytomorphology and differential diagnosis. Diagnostic Cytopathology, 2012, 40, 925-938.	1.0	41
71	Regulatory barriers surrounding the use of whole slide imaging in the United States of America. Journal of Pathology Informatics, 2014, 5, 38.	1.7	41
72	Validation of Remote Digital Frozen Sections for Cancer and Transplant Intraoperative Services. Journal of Pathology Informatics, 2018, 9, 34.	1.7	41

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73	Unique Histologic Variants of Cutaneous Kaposi Sarcoma. American Journal of Dermatopathology, 2010, 32, 244-250.	0.6	39
74	Time for Oncologists to Opt In for Routine Opt-Out HIV Testing?. JAMA - Journal of the American Medical Association, 2010, 304, 334.	7.4	39
75	Anatomic Pathology Laboratory Information Systems. Advances in Anatomic Pathology, 2012, 19, 81-96.	4.3	39
76	Overview of contemporary guidelines in digital pathology: what is available in 2015 and what still needs to be addressed?. Journal of Clinical Pathology, 2015, 68, 499-505.	2.0	39
77	Automated grading of renal cell carcinoma using whole slide imaging. Journal of Pathology Informatics, 2014, 5, 23.	1.7	38
78	Evolving spectrum and incidence of non-AIDS-defining malignancies. Current Opinion in HIV and AIDS, 2009, 4, 27-34.	3.8	37
79	Digital Imaging and Communications in Medicine Whole Slide Imaging Connectathon at Digital Pathology Association Pathology Visions 2017. Journal of Pathology Informatics, 2018, 9, 6.	1.7	37
80	Advances in the pathobiology and treatment of Kaposi sarcoma. Current Opinion in Oncology, 2004, 16, 443-449.	2.4	36
81	Human Immunodeficiency Virusâ€“Associated Adenocarcinoma of the Colon: Clinicopathologic Findings and Outcome. Clinical Colorectal Cancer, 2009, 8, 215-219.	2.3	36
82	Antimicrobial and non-antimicrobial tetracyclines in human cancer trials. Pharmacological Research, 2011, 63, 151-156.	7.1	36
83	Plasma cell disorders in HIV-infected patients: from benign gammopathy to multiple myeloma. Aids Reader, 2004, 14, 372-4, 377-9.	0.3	36
84	Human immunodeficiency virusâ€associated prostate cancer: clinicopathological findings and outcome in a multiâ€institutional study. BJU International, 2008, 101, 1519-1523.	2.5	35
85	Targeted Therapy for Kaposi Sarcoma. BioDrugs, 2009, 23, 69-75.	4.6	35
86	Human immunodeficiency virus-associated anaplastic large cell lymphoma. Leukemia and Lymphoma, 2010, 51, 430-438.	1.3	35
87	Microenvironment and HIV-related lymphomagenesis. Seminars in Cancer Biology, 2015, 34, 52-57.	9.6	34
88	Review of advanced imaging techniques. Journal of Pathology Informatics, 2012, 3, 22.	1.7	33
89	Contemporary Whole Slide Imaging Devices and Their Applications within the Modern Pathology Department: A Selected Hardware Review. Journal of Pathology Informatics, 2021, 12, 50.	1.7	33
90	Digital Applications in Cytopathology: Problems, Rationalizations, and Alternative Approaches. Acta Cytologica, 2018, 62, 68-76.	1.3	32

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91	HIV-associated bladder cancer: a case series evaluating difficulties in diagnosis and management. BMC Urology, 2009, 9, 10.	1.4	31
92	2014 American Telemedicine Association clinical guidelines for telepathology: Another important step in support of increased adoption of telepathology for patient care. Journal of Pathology Informatics, 2015, 6, 13.	1.7	31
93	Pushed Across the Digital Divide: COVID-19 Accelerated Pathology Training onto a New Digital Learning Curve. Academic Pathology, 2021, 8, 2374289521994240.	1.1	30
94	Protein Electrophoresis and Immunoglobulin Analysis in HIV-Infected Patients. American Journal of Clinical Pathology, 2007, 128, 596-603.	0.7	29
95	Artificial intelligence applied to breast pathology. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 480, 191-209.	2.8	29
96	C-Kit (CD117) Expression in AIDS-Related, Classic, and African Endemic Kaposi Sarcoma. Applied Immunohistochemistry & Molecular Morphology, 2005, 13, 162-166.	2.0	28
97	Matrix metalloproteinases in the progression and regression of Kaposi's sarcoma. Journal of Cutaneous Pathology, 2006, 33, 793-798.	1.3	28
98	A Review of the Cytomorphology of Epstein-Barr Virus-Associated Malignancies. Acta Cytologica, 2012, 56, 1-14.	1.3	28
99	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
100	The Landscape of Digital Pathology in Transplantation: From the Beginning to the Virtual E-Slide. Journal of Pathology Informatics, 2019, 10, 21.	1.7	28
101	AIDS-related non-Hodgkin lymphoma: still a problem in the era of HAART. Aids Reader, 2004, 14, 605-17.	0.3	28
102	Whole-slide imaging: widening the scope of cytopathology. Diagnostic Histopathology, 2014, 20, 456-461.	0.4	27
103	Telecytology implementation: Deployment of telecytology for rapid onâ€site evaluations at an Academic Medical Center. Diagnostic Cytopathology, 2019, 47, 206-213.	1.0	27
104	Digital pathology and anatomic pathology laboratory information system integration to support digital pathology sign-out. Journal of Pathology Informatics, 2016, 7, 23.	1.7	27
105	International Telepathology: Promises and Pitfalls. Pathobiology, 2016, 83, 121-126.	3.8	26
106	Value of Public Challenges for the Development of Pathology Deep Learning Algorithms. Journal of Pathology Informatics, 2020, 11, 7.	1.7	26
107	Pocket pathologist: A mobile application for rapid diagnostic surgical pathology consultation. Journal of Pathology Informatics, 2014, 5, 10.	1.7	25
108	Validation of Digital Pathology for Primary Histopathological Diagnosis of Routine, Inflammatory Dermatopathology Cases. American Journal of Dermatopathology, 2018, 40, 17-23.	0.6	25

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109	The Importance of eSlide Macro Images for Primary Diagnosis with Whole Slide Imaging. Journal of Pathology Informatics, 2018, 9, 46.	1.7	24
110	Informatics applied to cytology. CytoJournal, 2008, 5, 16.	1.7	23
111	Contemporary issues in transfusion medicine informatics. Journal of Pathology Informatics, 2011, 2, 3.	1.7	23
112	Digital pathology: A systematic evaluation of the patent landscape. Journal of Pathology Informatics, 2014, 5, 16.	1.7	23
113	Overview of Telepathology. Clinics in Laboratory Medicine, 2016, 36, 101-112.	1.4	23
114	Digital pathology for second opinion consultation and donor assessment during organ procurement: Review of the literature and guidance for deployment in transplant practice. Transplantation Reviews, 2020, 34, 100562.	2.9	23
115	Why is digital pathology in cytopathology lagging behind surgical pathology?. Cancer Cytopathology, 2017, 125, 519-520.	2.4	23
116	Evaluation of panoramic digital images using Panoptiq for frozen section diagnosis. Journal of Pathology Informatics, 2016, 7, 26.	1.7	23
117	Telecytology value and validation: Developing a validation and competency tool for telecytology. Diagnostic Cytopathology, 2015, 43, 1-2.	1.0	22
118	Digital Slides as an Effective Tool for Programmed Death Ligand 1 Combined Positive Score Assessment and Training: Lessons Learned from the â€œProgrammed Death Ligand 1 Key Learning Program in Head-and-Neck Squamous Cell Carcinomaâ€• Journal of Pathology Informatics, 2021, 12, 1.	1.7	22
119	Introducing the Journal of Pathology Informatics. Journal of Pathology Informatics, 2010, 1, 1.	1.7	21
120	Integration of digital gross pathology images for enterprise-wide access. Journal of Pathology Informatics, 2012, 3, 10.	1.7	21
121	HHV8 is not limited to Kaposi's sarcoma. Modern Pathology, 2005, 18, 1148-1150.	5.5	20
122	Logical Observation Identifiers Names and Codes for Laboratorians. Archives of Pathology and Laboratory Medicine, 2020, 144, 229-239.	2.5	20
123	Use of a wiki as an interactive teaching tool in pathology residency education: Experience with a genomics, research, and informatics in pathology course. Journal of Pathology Informatics, 2012, 3, 32.	1.7	20
124	Kaposi Sarcoma Pathogenesis: A Triad of Viral Infection, Oncogenesis and Chronic Inflammation. Translational Biomedicine, 2010, 1, .	0.1	20
125	Digital pathology: Review of current opportunities and challenges for oral pathologists. Journal of Oral Pathology and Medicine, 2019, 48, 263-269.	2.7	19
126	Challenges Developing Deep Learning Algorithms in Cytology. Acta Cytologica, 2021, 65, 301-309.	1.3	19

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127	A Review of Carcinomas Arising in the Head and Neck Region in HIV-Positive Patients. Pathology Research International, 2011, 2011, 1-12.	1.4	19
128	Reasons for a Deficit of Breast Cancer Among HIV-Infected Patients. Journal of Clinical Oncology, 2004, 22, 1347-1348.	1.6	18
129	New drug targets in Kaposi sarcoma. Expert Opinion on Therapeutic Targets, 2010, 14, 1355-1366.	3.4	18
130	Handheld computing in pathology. Journal of Pathology Informatics, 2012, 3, 15.	1.7	18
131	Systematically higher Ki67 scores on core biopsy samples compared to corresponding resection specimen in breast cancer: a multi-operator and multi-institutional study. Modern Pathology, 2022, 35, 1362-1369.	5.5	18
132	ATA Clinical Guidelines for Telepathology. Telemedicine Journal and E-Health, 2014, 20, 1049-1056.	2.8	17
133	Feasibility of a deep learning algorithm to distinguish large cell neuroendocrine from small cell lung carcinoma in cytology specimens. Cytopathology, 2020, 31, 426-431.	0.7	17
134	Gastroenteropancreatic Neuroendocrine Tumors in Patients With HIV Infection: A Trans-Atlantic Series. American Journal of the Medical Sciences, 2009, 337, 1-4.	1.1	16
135	Development of electronic medical record charting for hospital-based transfusion and apheresis medicine services: Early adoption perspectives. Journal of Pathology Informatics, 2010, 1, 8.	1.7	16
136	(Re) Defining the High-Power Field for Digital Pathology. Journal of Pathology Informatics, 2020, 11, 33.	1.7	16
137	Workflow Organization in Pathology. Clinics in Laboratory Medicine, 2012, 32, 601-622.	1.4	15
138	Review of Telemicrobiology. Archives of Pathology and Laboratory Medicine, 2016, 140, 362-370.	2.5	15
139	Unusual Sites of Hodgkin's Lymphoma. Journal of Clinical Oncology, 2004, 22, 4227-4228.	1.6	14
140	Pathology Informatics Essentials for Residents: A Flexible Informatics Curriculum Linked to Accreditation Council for Graduate Medical Education Milestones. Archives of Pathology and Laboratory Medicine, 2017, 141, 113-124.	2.5	14
141	Computational Cytology: Lessons Learned from Pap Test Computer-Assisted Screening. Acta Cytologica, 2021, 65, 286-300.	1.3	14
142	Pathology Informatics Essentials for Residents: A flexible informatics curriculum linked to Accreditation Council for Graduate Medical Education milestones. Journal of Pathology Informatics, 2016, 7, 27.	1.7	14
143	Unusual Sites of Malignancies. Journal of Clinical Oncology, 2005, 23, 2098-2099.	1.6	13
144	Endobronchial Ultrasound-Transbronchial Needle Aspiration for Lymphoma in Patients With Low Suspicion for Lung Cancer and Mediastinal Lymphadenopathy. Annals of Thoracic Surgery, 2016, 101, 1856-1863.	1.3	13

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145	Advantage of Zâ€stacking for teleconsultation between the USA and Colombia. Diagnostic Cytopathology, 2019, 47, 35-40.	1.0	13
146	Impact of mobile devices on cancer diagnosis in cytology. Diagnostic Cytopathology, 2022, 50, 34-45.	1.0	13
147	Benign Axillary Lymph Node Inclusions. Breast Journal, 2003, 9, 56-57.	1.0	12
148	The inflammatory component of Kaposi sarcoma. Experimental and Molecular Pathology, 2009, 87, 163-165.	2.1	12
149	Clinical history of HIV infection may be misleading in cytopathology. CytoJournal, 2010, 7, 7.	1.7	12
150	Needs and workflow assessment prior to implementation of a digital pathology infrastructure for the US Air Force Medical Service. Journal of Pathology Informatics, 2013, 4, 32.	1.7	12
151	Imaging file management to support international telepathology. Journal of Pathology Informatics, 2015, 6, 17.	1.7	12
152	HIV-Associated Anal Squamous Cell Cancer: An Otherwise Preventable Disease. Journal of Clinical Oncology, 2006, 24, 4516-4517.	1.6	11
153	Primary Kaposi sarcoma of the subcutaneous tissue. World Journal of Surgical Oncology, 2008, 6, 94.	1.9	11
154	Spectrum of breast disease encountered in HIV-positive patients at a community teaching hospital. Breast, 2011, 20, 303-308.	2.2	11
155	Digital Whole Slide Imaging in Cytology. Archives of Pathology and Laboratory Medicine, 2014, 138, 300-300.	2.5	11
156	Feasibility of using the Omnyx digital pathology system for cytology practice. Journal of the American Society of Cytopathology, 2019, 8, 182-189.	0.5	11
157	Kiâ€67 proliferation index in neuroendocrine tumors: Can augmented reality microscopy with image analysis improve scoring?. Cancer Cytopathology, 2020, 128, 535-544.	2.4	11
158	Comparison of the diagnostic utility of digital pathology systems for telemicrobiology. Journal of Pathology Informatics, 2016, 7, 10.	1.7	11
159	Human Immunodeficiency Virusâ€“Associated Renal Cell Carcinoma: A Transatlantic Case Series. Clinical Genitourinary Cancer, 2008, 6, 86-90.	1.9	10
160	Fine needle aspiration of breast masses in HIVâ€infected patients. Cancer Cytopathology, 2010, 118, 218-224.	2.4	10
161	Overview of laboratory data tools available in a single electronic medical record. Journal of Pathology Informatics, 2010, 1, 3.	1.7	10
162	Crohn's disease-associated ATG16L1 T300A genotype is associated with improved survival in gastric cancer. EBioMedicine, 2021, 67, 103347.	6.1	10

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163	Carnegie Mellon University bioimaging day 2014: Challenges and opportunities in digital pathology. Journal of Pathology Informatics, 2014, 5, 32.	1.7	10
164	Peripheral T-cell lymphomas in HIV-infected individuals: a comprehensive review. Journal of HIV Therapy, 2009, 14, 34-40.	0.6	10
165	Review of HIV-Related Cytopathology. Pathology Research International, 2011, 2011, 1-12.	1.4	9
166	Bar Coding and Tracking in Pathology. Clinics in Laboratory Medicine, 2016, 36, 13-30.	1.4	9
167	Advanced imaging technology applications in cytology. Diagnostic Cytopathology, 2019, 47, 5-14.	1.0	9
168	Selection, Visualization, and Interpretation of Deep Features in Lung Adenocarcinoma and Squamous Cell Carcinoma. American Journal of Pathology, 2021, 191, 2172-2183.	3.8	9
169	HIV and the breast. Aids Reader, 2005, 15, 392-6, 399-402.	0.3	9
170	Human Immunodeficiency Virusâ€“Associated Lung Carcinoma Presenting as Cutaneous Metastases. Clinical Lung Cancer, 2009, 10, 441-444.	2.6	8
171	Experience Reviewing Digital Pap Tests using a Gallery of Images. Journal of Pathology Informatics, 2021, 12, 7.	1.7	8
172	All aboard: Cytotechnology student training in pathology informatics. Journal of Pathology Informatics, 2012, 3, 6.	1.7	8
173	The Next Generation Robotic Microscopy for Intraoperative Teleneuropathology Consultation. Journal of Pathology Informatics, 2020, 11, 13.	1.7	8
174	Practice Evolution: Decentralized Computer-Assisted Immunohistochemical Image Analysis. Archives of Pathology and Laboratory Medicine, 2009, 133, 597-600.	2.5	8
175	Quantitative Image Analysis as an Adjunct to Manual Scoring of ER, PgR, and HER2 in Invasive Breast Carcinoma. American Journal of Clinical Pathology, 2022, 157, 899-907.	0.7	8
176	Leveraging artificial intelligence to predict ERG gene fusion status in prostate cancer. BMC Cancer, 2022, 22, 494.	2.6	8
177	Technical and Diagnostic Issues in Whole Slide Imaging Published Validation Studies. Frontiers in Oncology, 0, 12, .	2.8	8
178	Kaposi sarcoma. Cancer, 2008, 112, 962-965.	4.1	7
179	Utilization of Flow Cytometry in Pediatric Fine-Needle Aspiration Biopsy Specimens. Acta Cytologica, 2016, 60, 344-353.	1.3	7
180	The histopathological diagnosis of atypical meningioma: glass slide versus whole slide imaging for grading assessment. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 747-756.	2.8	7

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181	Architectural aspects of cell-blocks as small biopsies. CytoJournal, 2021, 18, 5.	1.7	7
182	Quantitative assessment of cell block cellularity and correlation with molecular testing adequacy in lung cancer. Journal of the American Society of Cytopathology, 2016, 5, 196-202.	0.5	6
183	The role of informatics in patientâ€centered care and personalized medicine. Cancer Cytopathology, 2017, 125, 494-501.	2.4	6
184	Big data from small samples: Informatics of nextâ€generation sequencing in cytopathology. Cancer Cytopathology, 2017, 125, 236-244.	2.4	6
185	Whole-slide imaging in cytopathology: state of the art and future directions. Diagnostic Histopathology, 2021, 27, 425-430.	0.4	6
186	Human Immunodeficiency Virus-associated primary effusion lymphoma: An exceedingly rare entity in cerebrospinal fluid. CytoJournal, 2015, 12, 22.	1.7	6
187	Stepwise approach to establishing multiple outreach laboratory information system-electronic medical record interfaces. Journal of Pathology Informatics, 2010, 1, 5.	1.7	5
188	The utility of cell blocks for international cytopathology teleconsultation by whole slide imaging. Cytopathology, 2020, 31, 419-425.	0.7	5
189	Images in HIV/AIDS. Pericardial primary effusion lymphoma. Aids Reader, 2007, 17, 250-2.	0.3	5
190	Editorial comment: plasmablastic lymphoma--a diagnostic and therapeutic puzzle. Aids Reader, 2007, 17, 448-9.	0.3	5
191	Improving the Pap test with artificial intelligence. Cancer Cytopathology, 2022, 130, 402-404.	2.4	5
192	HIV-Related Gynecomastia. Breast Journal, 2003, 9, 131-132.	1.0	4
193	Letter to the Editor. Cancer Investigation, 2003, 21, 665-665.	1.3	4
194	Pathology Informatics Essentials for Residents. Academic Pathology, 2016, 3, 2374289516659051.	1.1	4
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