Anil V Parwani

List of Publications by Year
in descending order

298 papers	14,141 citations	31976 53 h-index	27406 106 g-index
300 all docs	300 docs citations	300 times ranked	16527 citing authors

#	Article	IF	Citations
1	Comprehensive molecular characterization of clear cell renal cell carcinoma. Nature, 2013, 499, 43-49.	27.8	2,839
2	A Contemporary Prostate Cancer Grading System: A Validated Alternative to the Gleason Score. European Urology, 2016, 69, 428-435.	1.9	1,039
3	Digital pathology and artificial intelligence. Lancet Oncology, The, 2019, 20, e253-e261.	10.7	597
4	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
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	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
7	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
8	Use of whole slide imaging in surgical pathology quality assurance: design and pilot validation studies. Human Pathology, 2006, 37, 322-331.	2.0	191
9	Primary histologic diagnosis using automated whole slide imaging: a validation study. BMC Clinical Pathology, 2006, 6, 4.	1.8	176
10	The 2019 Genitourinary Pathology Society (GUPS) White Paper on Contemporary Grading of Prostate Cancer. Archives of Pathology and Laboratory Medicine, 2021, 145, 461-493.	2.5	143
11	Xanthogranulomatous Pyelonephritis. Archives of Pathology and Laboratory Medicine, 2011, 135, 671-674.	2.5	143
12	Coronary Artery Aneurysm: A Review and Hypothesis Regarding Etiology. Archives of Pathology and Laboratory Medicine, 2008, 132, 823-828.	2.5	138
13	Low-grade myxoid renal epithelial neoplasms with distal nephron differentiation. Human Pathology, 2001, 32, 506-512.	2.0	129
14	Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) and coronavirus disease 19 (COVID-19) â€“ anatomic pathology perspective on current knowledge. Diagnostic Pathology, 2020, 15, 103.	2.0	126
15	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
16	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
17	Xp11.2 Translocation Renal Cell Carcinoma. Archives of Pathology and Laboratory Medicine, 2010, 134, 124-129.	2.5	110
18	Integrative Analysis of Histopathological Images and Genomic Data Predicts Clear Cell Renal Cell Carcinoma Prognosis. Cancer Research, 2017, 77, e91-e100.	0.9	109

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19	Estrogen Receptor Î² Functions through Nongenomic Mechanisms in Lung Cancer Cells. Molecular Endocrinology, 2009, 23, 146-156.	3.7	104
20	Chromosome 14q loss defines a molecular subtype of clear-cell renal cell carcinoma associated with poor prognosis. Modern Pathology, 2011, 24, 1470-1479.	5.5	101
21	Whole slide imaging in pathology: advantages, limitations, and emerging perspectives. Pathology and Laboratory Medicine International, 0, , 23.	0.2	101
22	Perivascular Epithelioid Cell Tumor. Archives of Pathology and Laboratory Medicine, 2009, 133, 648-654.	2.5	101
23	Experience with multimodality telepathology at the University of Pittsburgh Medical Center. Journal of Pathology Informatics, 2012, 3, 45.	1.7	97
24	Epithelioid Sarcoma. Archives of Pathology and Laboratory Medicine, 2009, 133, 814-819.	2.5	94
25	Prostate Carcinoma With Squamous Differentiation. American Journal of Surgical Pathology, 2004, 28, 651-657.	3.7	93
26	Matrix Metalloproteinase-19 Is a Key Regulator of Lung Fibrosis in Mice and Humans. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 752-762.	5.6	92
27	American Telemedicine Association clinical guidelines for telepathology. Journal of Pathology Informatics, 2014, 5, 39.	1.7	82
28	Diagnostic accuracy and pitfalls in fine-needle aspiration interpretation of Warthin tumor. Cancer, 2003, 99, 166-171.	4.1	80
29	Standardization in digital pathology: Supplement 145 of the DICOM standards. Journal of Pathology Informatics, 2011, 2, 23.	1.7	77
30	Atypical teratoid/rhabdoid tumor of the brain. Cancer, 2005, 105, 65-70.	4.1	76
31	p63 Immunohistochemistry Differentiates Salivary Gland Oncocytoma and Oncocytic Carcinoma from Metastatic Renal Cell Carcinoma. Head and Neck Pathology, 2007, 1, 123-131.	2.6	76
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	Validating Whole Slide Imaging Systems for Diagnostic Purposes in Pathology. Archives of Pathology and Laboratory Medicine, 2022, 146, 440-450.	2.5	73
34	Cardiac Sarcoidosis: A Pathology-Focused Review. Archives of Pathology and Laboratory Medicine, 2010, 134, 1039-1046.	2.5	73
35	Clinical Examination and Validation of Primary Diagnosis in Anatomic Pathology Using Whole Slide Digital Images. Archives of Pathology and Laboratory Medicine, 2011, 135, 372-378.	2.5	73
36	Small Glandular Proliferations on Needle Biopsies. American Journal of Surgical Pathology, 2005, 29, 874-880.	3.7	71

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37	Evaluation of whole slide image immunohistochemistry interpretation in challenging prostate needle biopsies. Human Pathology, 2008, 39, 564-572.	2.0	71
38	Î²-Catenin signaling in hepatocellular cancer: Implications in inflammation, fibrosis, and proliferation. Cancer Letters, 2014, 343, 90-97.	7.2	71
39	Whole genome SNP arrays as a potential diagnostic tool for the detection of characteristic chromosomal aberrations in renal epithelial tumors. Modern Pathology, 2008, 21, 599-608.	5.5	70
40	Smartphone adapters for digital photomicrography. Journal of Pathology Informatics, 2014, 5, 24.	1.7	69
41	Lipomatous Hypertrophy of the Interatrial Septum: An Overview. Archives of Pathology and Laboratory Medicine, 2006, 130, 397-399.	2.5	68
42	HER2 intratumoral heterogeneity is independently associated with incomplete response to anti-HER2 neoadjuvant chemotherapy in HER2-positive breast carcinoma. Breast Cancer Research and Treatment, 2017, 166, 447-457.	2.5	67
43	Nuclear vitamin D receptor expression is associated with improved survival in non-small cell lung cancer. Journal of Steroid Biochemistry and Molecular Biology, 2011, 123, 30-36.	2.5	65
44	PD-L1 expression and CD8-positive T cells are associated with favorable survival in HER2-positive invasive breast cancer. Breast Journal, 2018, 24, 911-919.	1.0	65
45	Papillary Renal Cell Carcinoma With Low-grade Spindle Cell Foci. American Journal of Surgical Pathology, 2008, 32, 1353-1359.	3.7	64
46	Next generation diagnostic pathology: use of digital pathology and artificial intelligence tools to augment a pathological diagnosis. Diagnostic Pathology, 2019, 14, 138.	2.0	63
47	Whole Slide Imaging: Technology and Applications. Advances in Anatomic Pathology, 2020, 27, 251-259.	4.3	63
48	Malignant perivascular epithelioid cell tumor (PEComa) of the uterus with late renal and pulmonary metastases: a case report with review of the literature. Diagnostic Pathology, 2007, 2, 45.	2.0	62
49	Cervical adenoid basal tumors comprised of adenoid basal epithelioma associated with various types of invasive carcinoma: Clinicopathologic features, human papillomavirus DNA detection, and P16 expression. Human Pathology, 2005, 36, 82-90.	2.0	61
50	Moderate Expression of Prostate-Specific Membrane Antigen, a Tissue Differentiation Antigen and Folate Hydrolase, Facilitates Prostate Carcinogenesis. Cancer Research, 2008, 68, 9070-9077.	0.9	61
51	Urothelial carcinoma with rhabdoid features: report of 6 cases. Human Pathology, 2006, 37, 168-172.	2.0	59
52	Pleomorphic Giant Cell Adenocarcinoma of the Prostate. American Journal of Surgical Pathology, 2006, 30, 1254-1259.	3.7	56
53	Diagnostic concordance between whole slide imaging and conventional light microscopy in cytopathology: A systematic review. Cancer Cytopathology, 2020, 128, 17-28.	2.4	56
54	Immunohistochemical and Genetic Analysis of Nonâ€“Small Cell and Small Cell Gallbladder Carcinoma and Their Precursor Lesions. Modern Pathology, 2003, 16, 299-308.	5.5	55

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55	p16ink4 immunoreactivity is a reliable marker for urothelial carcinoma in situ. Human Pathology, 2008, 39, 527-535.	2.0	55
56	Digital Imaging in Pathology. Clinics in Laboratory Medicine, 2012, 32, 557-584.	1.4	55
57	The history of pathology informatics: A global perspective. Journal of Pathology Informatics, 2013, 4, 7.	1.7	54
58	Digital Imaging in Cytopathology. Pathology Research International, 2011, 2011, 1-10.	1.4	53
59	Cartilage Oligomeric Matrix Protein in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2013, 8, e83120.	2.5	52
60	Effectiveness of Random and Focused Review in Detecting Surgical Pathology Error. American Journal of Clinical Pathology, 2008, 130, 905-912.	0.7	51
61	Diagnostic utility of p501s (prostein) in comparison to prostate specific antigen (PSA) for the detection of metastatic prostatic adenocarcinoma. Diagnostic Pathology, 2007, 2, 41.	2.0	50
62	Diffuse Expression of PAX2 and PAX8 in the Cystic Epithelium of Mixed Epithelial Stromal Tumor, Angiomyolipoma With Epithelial Cysts, and Primary Renal Synovial Sarcoma. American Journal of Surgical Pathology, 2011, 35, 1264-1273.	3.7	50
63	Matrix Metalloproteinase-19 Promotes Metastatic BehaviorIn Vitroand Is Associated with Increased Mortality in Nonâ€“Small Cell Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 780-790.	5.6	49
64	An informatics model for tissue banks â€“ Lessons learned from the Cooperative Prostate Cancer Tissue Resource. BMC Cancer, 2006, 6, 120.	2.6	46
65	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
66	Next-generation sequencing-based molecular characterization of primary urinary bladder adenocarcinoma. Modern Pathology, 2017, 30, 1133-1143.	5.5	44
67	Usefulness of a Synoptic Data Tool for Reporting of Head and Neck Neoplasms Based on the College of American Pathologists Cancer Checklists. American Journal of Clinical Pathology, 2009, 132, 521-530.	0.7	43
68	Primary renal carcinoid tumors: clinicopathologic features of 9 cases with emphasis on novel immunohistochemical findings. Human Pathology, 2011, 42, 1554-1561.	2.0	43
69	Development of a Reverse Transcription-Nested Polymerase Chain Reaction Assay for Differential Diagnosis of Transmissible Gastroenteritis Virus and Porcine Respiratory Coronavirus from Feces and Nasal Swabs of Infected Pigs. Journal of Veterinary Diagnostic Investigation, 2000, 12, 385-388.	1.1	42
70	Significance of psammoma bodies in serous cavity fluid. Cancer, 2004, 102, 87-91.	4.1	42
71	Increased cancer cell proliferation in prostate cancer patients with high levels of serum folate. Prostate, 2011, 71, 1287-1293.	2.3	42
72	Mollaret's meningitis: Cytopathologic analysis of fourteen cases. Diagnostic Cytopathology, 2003, 28, 227-231.	1.0	41

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73	Glomus tumor of renal pelvis: a case report and review of the literature. Human Pathology, 2005, 36, 299-302.	2.0	41
74	Polyoma Virus-Associated Cellular Changes in the Urine and Bladder Biopsy Samples. American Journal of Surgical Pathology, 2006, 30, 345-350.	3.7	41
75	The development and deployment of Common Data Elements for tissue banks for translational research in cancer â€“ An emerging standard based approach for the Mesothelioma Virtual Tissue Bank. BMC Cancer, 2008, 8, 91.	2.6	41
76	Primary bladder adenocarcinoma versus metastatic colorectal adenocarcinoma: a persisting diagnostic challenge. Diagnostic Pathology, 2012, 7, 151.	2.0	41
77	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
78	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
79	Validation of Remote Digital Frozen Sections for Cancer and Transplant Intraoperative Services. Journal of Pathology Informatics, 2018, 9, 34.	1.7	41
80	Challenges and Opportunities in the Adoption of College of American Pathologists Checklists in Electronic Format: Perspectives and Experience of Reporting Pathology Protocols Project (RPP2) Participant Laboratories. Archives of Pathology and Laboratory Medicine, 2010, 134, 1152-1159.	2.5	41
81	Translocator Protein Blockade Reduces Prostate Tumor Growth. Clinical Cancer Research, 2009, 15, 6177-6184.	7.0	40
82	Anatomic Pathology Laboratory Information Systems. Advances in Anatomic Pathology, 2012, 19, 81-96.	4.3	39
83	Solitary fibrous tumor of the thyroid: Cytopathologic findings and differential diagnosis. Diagnostic Cytopathology, 2003, 28, 213-216.	1.0	38
84	National Mesothelioma Virtual Bank: A standard based biospecimen and clinical data resource to enhance translational research. BMC Cancer, 2008, 8, 236.	2.6	38
85	Automated grading of renal cell carcinoma using whole slide imaging. Journal of Pathology Informatics, 2014, 5, 23.	1.7	38
86	Synoptic tool for reporting of hematological and lymphoid neoplasms based on World Health Organization classification and College of American Pathologists checklist. BMC Cancer, 2007, 7, 144.	2.6	37
87	Prostate Tumor Growth Can Be Modulated by Dietarily Targeting the 15-Lipoxygenase-1 and Cyclooxygenase-2 Enzymes. Neoplasia, 2009, 11, 692-699.	5.3	37
88	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
89	Conditional Expression of Human 15-Lipoxygenase-1 in Mouse Prostate Induces Prostatic Intraepithelial Neoplasia: The FLiMP Mouse Model. Neoplasia, 2006, 8, 510-522.	5.3	36
90	Angiomyolipoma with epithelial cysts (AMLEC): a rare but distinct variant of angiomyolipoma. Diagnostic Pathology, 2007, 2, 11.	2.0	36

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91	Chondromyxoid fibroma of rib with a novel chromosomal translocation: a report of four additional cases at unusual sites. Diagnostic Pathology, 2007, 2, 44.	2.0	36
92	Proteomic analysis of stage I endometrial cancer tissue: Identification of proteins associated with oxidative processes and inflammation. Gynecologic Oncology, 2011, 121, 586-594.	1.4	36
93	An automated computational image analysis pipeline for histological grading of cardiac allograft rejection. European Heart Journal, 2021, 42, 2356-2369.	2.2	36
94	Mixed Epithelial and Stromal Tumors of the Kidney: An Overview. Archives of Pathology and Laboratory Medicine, 2009, 133, 1483-1486.	2.5	36
95	Experience With Voice Recognition in Surgical Pathology at a Large Academic Multi-Institutional Center. American Journal of Clinical Pathology, 2010, 133, 156-159.	0.7	35
96	Idiopathic granulomatous orchitis. Pathology Research and Practice, 2011, 207, 275-278.	2.3	33
97	Review of advanced imaging techniques. Journal of Pathology Informatics, 2012, 3, 22.	1.7	33
98	TRPS1, GATA3, and SOX10 expression in triple-negative breast carcinoma. Human Pathology, 2022, 125, 97-107.	2.0	33
99	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
100	Adenocarcinoma of the Urinary Bladder. Archives of Pathology and Laboratory Medicine, 2011, 135, 1601-1605.	2.5	32
101	Spermatocytic Seminoma. Archives of Pathology and Laboratory Medicine, 2009, 133, 1985-1988.	2.5	32
102	Privacy and security of patient data in the pathology laboratory. Journal of Pathology Informatics, 2013, 4, 4.	1.7	31
103	CARCINOSARCOMA OF THE PROSTATE WITH UROTHELIAL AND SQUAMOUS COMPONENTS. Journal of Urology, 2005, 173, 439-440.	0.4	30
104	Primary carcinoid tumor arising within mature teratoma of the kidney: report of a rare entity and review of the literature. Diagnostic Pathology, 2007, 2, 15.	2.0	30
105	Xp11.2 translocation renal cell carcinoma occurring during pregnancy with a novel translocation involving chromosome 19: a case report with review of the literature. Diagnostic Pathology, 2009, 4, 15.	2.0	30
106	Utility of a dual immunostain cocktail comprising of p53 and CK20 to aid in the diagnosis of non-neoplastic and neoplastic bladder biopsies. Diagnostic Pathology, 2009, 4, 35.	2.0	30
107	Synchronous primary carcinoid tumor and primary adenocarcinoma arising within mature cystic teratoma of horseshoe kidney: a unique case report and review of the literature. Diagnostic Pathology, 2009, 4, 17.	2.0	29
108	Interinstitutional and interstate teleneuropathology. Journal of Pathology Informatics, 2011, 2, 21.	1.7	29

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109	Pleomorphic Leiomyosarcoma of the Adrenal Gland: Case Report and Review of the Literature. Urology, 2007, 70, 591.e5-591.e7.	1.0	28
110	Novel Nuclear Localization of Fatty Acid Synthase Correlates with Prostate Cancer Aggressiveness. American Journal of Pathology, 2014, 184, 2156-2162.	3.8	28
111	The effect of limited (tertiary) Gleason pattern 5 on the new prostate cancer grade groups. Human Pathology, 2017, 63, 27-32.	2.0	28
112	The spectrum of pathological findings in coronavirus disease (COVID-19) and the pathogenesis of SARS-CoV-2. Diagnostic Pathology, 2020, 15, 85.	2.0	28
113	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
114	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
115	Nephrogenic adenoma. Pathology Research and Practice, 2010, 206, 659-662.	2.3	27
116	Development and use of a genitourinary pathology digital teaching set for trainee education. Journal of Pathology Informatics, 2010, 1, 2.	1.7	27
117	Central Pathology Review for Phase III Clinical Trials: The Enabling Effect of Virtual Microscopy. Archives of Pathology and Laboratory Medicine, 2013, 137, 492-495.	2.5	27
118	Virtual karyotyping with SNP microarrays reduces uncertainty in the diagnosis of renal epithelial tumors. Diagnostic Pathology, 2008, 3, 44.	2.0	26
119	Pocket pathologist: A mobile application for rapid diagnostic surgical pathology consultation. Journal of Pathology Informatics, 2014, 5, 10.	1.7	25
120	Pineal gland lesions. Cancer, 2005, 105, 80-86.	4.1	24
121	Micropapillary urothelial carcinoma: Clinico-pathologic review. Pathology Research and Practice, 2009, 205, 807-810.	2.3	24
122	Immunohistochemical profiles of claudin-3 in primary and metastatic prostatic adenocarcinoma. Diagnostic Pathology, 2011, 6, 12.	2.0	24
123	Diagnostic utility of p63/P501S double sequential immunohistochemical staining in differentiating urothelial carcinoma from prostate carcinoma. Diagnostic Pathology, 2011, 6, 67.	2.0	23
124	Contemporary issues in transfusion medicine informatics. Journal of Pathology Informatics, 2011, 2, 3.	1.7	23
125	Digital pathology: A systematic evaluation of the patent landscape. Journal of Pathology Informatics, 2014, 5, 16.	1.7	23
126	Evaluation of panoramic digital images using Panoptiq for frozen section diagnosis. Journal of Pathology Informatics, 2016, 7, 26.	1.7	23

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127	Residency Training in Pathology Informatics. American Journal of Clinical Pathology, 2009, 132, 404-408.	0.7	22
128	Immunohistochemical staining of radixin and moesin in prostatic adenocarcinoma. BMC Clinical Pathology, 2011, 11, 1.	1.8	22
129	Renal Cell Neoplasms Contain Shared Tumor Typeâ€“Specific Copy Number Variations. American Journal of Pathology, 2012, 180, 2427-2439.	3.8	22
130	Mapping stain distribution in pathology slides using whole slide imaging. Journal of Pathology Informatics, 2014, 5, 1.	1.7	22
131	Proteomic analysis of patient tissue reveals PSA protein in the stroma of benign prostatic hyperplasia. Prostate, 2014, 74, 892-900.	2.3	22
132	A series of collision tumors in the genitourinary tract with a review of the literature. Pathology Research and Practice, 2014, 210, 217-223.	2.3	22
133	Eâ€cadherin is downregulated in benign prostatic hyperplasia and required for tight junction formation and permeability barrier in the prostatic epithelial cell monolayer. Prostate, 2019, 79, 1226-1237.	2.3	22
134	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
135	Primary angiosarcoma of the testis: report of a rare entity and review of the literature. Diagnostic Pathology, 2007, 2, 23.	2.0	21
136	Introducing the Journal of Pathology Informatics. Journal of Pathology Informatics, 2010, 1, 1.	1.7	21
137	Thyroid-Like Follicular Carcinoma of the Kidney: One Case Report and Review of the Literature. American Journal of Clinical Pathology, 2015, 144, 796-804.	0.7	21
138	A Collision Tumor of Papillary Renal Cell Carcinoma and Oncocytoma: Case Report and Literature Review. American Journal of Clinical Pathology, 2015, 144, 811-816.	0.7	21
139	Small Renal Masses in Close Proximity to the Collecting System and Renal Sinus Are Enriched for Malignancy and High Fuhrman Grade and Should Be Considered for Early Intervention. Clinical Genitourinary Cancer, 2018, 16, e729-e733.	1.9	21
140	Integration of digital gross pathology images for enterprise-wide access. Journal of Pathology Informatics, 2012, 3, 10.	1.7	21
141	Tumor-to-tumor metastasis: Case report of a pulmonary adenocarcinoma metastatic to a clear cell renal cell carcinoma. Pathology Research and Practice, 2012, 208, 50-52.	2.3	20
142	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
143	Use of contextual inquiry to understand anatomic pathology workflow: Implications for digital pathology adoption. Journal of Pathology Informatics, 2012, 3, 35.	1.7	20
144	Metastatic malignant melanoma in liver aspirate: Cytomorphologic distinction from hepatocellular carcinoma. Diagnostic Cytopathology, 2004, 30, 247-250.	1.0	19

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145	Initial Experience With a Novel Pre-sign-out Quality Assurance Tool for Review of Random Surgical Pathology Diagnoses in a Subspecialty-based University Practice. American Journal of Surgical Pathology, 2010, 34, 1319-1323.	3.7	19
146	Cytologic evaluation of image-guided fine needle aspiration biopsies via robotic microscopy: A validation study. Journal of Pathology Informatics, 2010, 1, 4.	1.7	19
147	The Development and Testing of a Laboratory Information Systemâ€“Driven Tool for Preâ€“Sign-Out Quality Assurance of Random Surgical Pathology Reports. American Journal of Clinical Pathology, 2010, 133, 836-841.	0.7	19
148	Whole slide imaging for teleconsultation and clinical use. Journal of Pathology Informatics, 2010, 1, 7.	1.7	19
149	Frozen Section Diagnosis. American Journal of Clinical Pathology, 2013, 140, 363-369.	0.7	19
150	A Validation Study of Human Epidermal Growth Factor Receptor 2 Immunohistochemistry Digital Imaging Analysis and its Correlation with Human Epidermal Growth Factor Receptor 2 Fluorescence In situ Hybridization Results in Breast Carcinoma. Journal of Pathology Informatics, 2020, 11, 2.	1.7	19
151	Prostatic adenocarcinoma metastases mimicking small cell carcinoma on fine-needle aspiration. Diagnostic Cytopathology, 2002, 27, 75-79.	1.0	18
152	Rhabdoid meningioma: Cytopathologic findings in cerebrospinal fluid. Diagnostic Cytopathology, 2003, 29, 297-299.	1.0	18
153	Immunohistochemical Staining of Precursor Forms of Prostate-specific Antigen (proPSA) in Metastatic Prostate Cancer. American Journal of Surgical Pathology, 2006, 30, 1231-1236.	3.7	18
154	Renal cell carcinoma in a 33-year-old male with an unusual morphology and an aggressive clinical course possible Xp11.2 translocation. Pathology, 2008, 40, 306-308.	0.6	18
155	Glomus Tumor of the Kidney: Case Report and Literature Review. International Journal of Surgical Pathology, 2011, 19, 393-397.	0.8	18
156	Amylase Î±-1A (AMY1A). American Journal of Surgical Pathology, 2013, 37, 1824-1830.	3.7	18
157	Quantitative digital imaging analysis of HER2 immunohistochemistry predicts the response to anti-HER2 neoadjuvant chemotherapy in HER2-positive breast carcinoma. Breast Cancer Research and Treatment, 2020, 180, 321-329.	2.5	18
158	Handheld computing in pathology. Journal of Pathology Informatics, 2012, 3, 15.	1.7	18
159	Expression of TRPS1 in phyllodes tumor and sarcoma of the breast. Human Pathology, 2022, 121, 73-80.	2.0	18
160	PDâ€Ł1 in oral squamous cell carcinoma: A key biomarker from the laboratory to the bedside. Clinical and Experimental Dental Research, 2022, 8, 690-698.	1.9	18
161	ATA Clinical Guidelines for Telepathology. Telemedicine Journal and E-Health, 2014, 20, 1049-1056.	2.8	17
162	Myoepithelial Carcinoma Arising in a Pleomorphic Adenoma of the Parotid Gland. Acta Cytologica, 2006, 50, 93-96.	1.3	16

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163	A decade of experience in the development and implementation of tissue banking informatics tools for intra and inter-institutional translational research. Journal of Pathology Informatics, 2010, 1, 12.	1.7	16
164	Immunohistochemical analysis of ezrin-radixin-moesin-binding phosphoprotein 50 in prostatic adenocarcinoma. BMC Urology, 2011, 11, 12.	1.4	16
165	Renal Primitive Neuroectodermal Tumors. Archives of Pathology and Laboratory Medicine, 2012, 136, 686-690.	2.5	16
166	EAF2 and p53 Co-Regulate STAT3 Activation in Prostate Cancer. Neoplasia, 2018, 20, 351-363.	5.3	16
167	Colloid cyst of the third ventricle: Cytomorphologic features on stereotactic fine-needle aspiration. Diagnostic Cytopathology, 2002, 27, 27-31.	1.0	15
168	Keratinized Squamous Cells in Fine Needle Aspiration of the Brain. Acta Cytologica, 2003, 47, 325-331.	1.3	15
169	Availability and quality of paraffin blocks identified in pathology archives: A multi-institutional study by the Shared Pathology Informatics Network (SPIN). BMC Cancer, 2007, 7, 37.	2.6	15
170	Renal oncocytoma: a comparative clinicopathologic study and fluorescent in-situ hybridization analysis of 73 cases with long-term follow-up. Diagnostic Pathology, 2010, 5, 32.	2.0	15
171	Workflow Organization in Pathology. Clinics in Laboratory Medicine, 2012, 32, 601-622.	1.4	15
172	Survival outcomes in endometrial cancer patients are associated with CXCL12 and estrogen receptor expression. International Journal of Cancer, 2012, 131, E114-21.	5.1	15
173	CLT1 Targets Bladder Cancer through Integrin Î±5Î²1 and CLIC3. Molecular Cancer Research, 2013, 11, 194-203.	3.4	15
174	Convergence of Digital Pathology and Artificial Intelligence Tools in Anatomic Pathology Practice: Current Landscape and Future Directions. Advances in Anatomic Pathology, 2020, 27, 221-226.	4.3	15
175	The Future of Pathology: What can we Learn from the COVID-19 Pandemic?. Journal of Pathology Informatics, 2020, 11, 15.	1.7	15
176	A novel cross-disciplinary multi-institute approach to translational cancer research: lessons learned from Pennsylvania Cancer Alliance Bioinformatics Consortium (PCABC). Cancer Informatics, 2007, 3, 255-74.	1.9	15
177	A Novel Cross-Disciplinary Multi-Institute Approach to Translational Cancer Research: Lessons Learned from Pennsylvania Cancer Alliance Bioinformatics Consortium (PCABC). Cancer Informatics, 2007, 3, 117693510700300.	1.9	14
178	Gliosarcoma: Cytopathologic characteristics on fine-needle aspiration (FNA) and intraoperative touch imprint. Diagnostic Cytopathology, 2004, 30, 77-81.	1.0	13
179	Urinary bladder biopsy with denuded mucosa: Denuding cystitisâ€"Cytopathologic correlates. Diagnostic Cytopathology, 2004, 30, 297-300.	1.0	13
180	The Importance of Pathology Informatics in Translational Research. Advances in Anatomic Pathology, 2007, 14, 320-322.	4.3	13

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