

Paul J Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

4,494
citations

159585

30
h-index

114465

63
g-index

110
all docs

110
docs citations

110
times ranked

6650
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased tumor-infiltrating lymphocyte density is associated with favorable outcomes in a comparative study of canine histiocytic sarcoma. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 807-818.	4.2	8
2	Translatability Analysis of National Institutes of Healthâ€Funded Biomedical Research That Applies Artificial Intelligence. <i>JAMA Network Open</i> , 2022, 5, e2144742.	5.9	5
3	COVID-19 mortality prediction in the intensive care unit with deep learning based on longitudinal chest X-rays and clinical data. <i>European Radiology</i> , 2022, 32, 4446-4456.	4.5	19
4	Evaluation of a convolutional neural network for ovarian tumor differentiation based on magnetic resonance imaging. <i>European Radiology</i> , 2021, 31, 4960-4971.	4.5	35
5	Deep learning for differentiation of benign and malignant solid liver lesions on ultrasonography. <i>Abdominal Radiology</i> , 2021, 46, 534-543.	2.1	20
6	Machine Learning-Based Prediction of COVID-19 Severity and Progression to Critical Illness Using CT Imaging and Clinical Data. <i>Korean Journal of Radiology</i> , 2021, 22, 1213.	3.4	20
7	Ionized Calcium Binding Adaptor Molecule 1 (IBA1). <i>American Journal of Clinical Pathology</i> , 2021, 156, 86-99.	0.7	9
8	A contemporary update on hyalinizing clear cell carcinoma: compilation of all in-house cases at our institution and a literature review spanning 2015â€2020. <i>Human Pathology</i> , 2021, 111, 45-51.	2.0	9
9	Deep Learning for Classification of Bone Lesions on Routine MRI. <i>EBioMedicine</i> , 2021, 68, 103402.	6.1	43
10	Encephalopathy at admission predicts adverse outcomes in patients with SARSâ€CoVâ€2 infection. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1127-1135.	3.9	3
11	Performance of automatic machine learning versus radiologists in the evaluation of endometrium on computed tomography. <i>Abdominal Radiology</i> , 2021, 46, 5316-5324.	2.1	2
12	A rare case of malignant peritoneal mesothelioma with EWSR-ATF1 fusion transcription and unusual immunophenotype. <i>Human Pathology: Case Reports</i> , 2021, 25, 200542.	0.2	2
13	TERT gene rearrangement in chordomas and comparison to other TERT-rearranged solid tumors. <i>Cancer Genetics</i> , 2021, 258-259, 74-79.	0.4	0
14	Sublobar resection compared with stereotactic body radiation therapy and ablation for early stage nonâ€small cell lung cancer: A National Cancer Database study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1350-1357.e11.	0.8	33
15	CDH2/N-cadherin and early diagnosis of invasion in patients with ductal carcinoma in situ. <i>Breast Cancer Research and Treatment</i> , 2020, 183, 333-346.	2.5	9
16	Differentiation of low and high grade renal cell carcinoma on routine MRI with an externally validated automatic machine learning algorithm. <i>Scientific Reports</i> , 2020, 10, 19503.	3.3	12
17	Deep learning-based classification of primary bone tumors on radiographs: A preliminary study. <i>EBioMedicine</i> , 2020, 62, 103121.	6.1	42
18	Ablation Therapy for Advanced Stage Non-Small Cell Lung Cancer: A National Cancer Database Study. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1210-1215.e4.	0.5	3

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19	Giant Cell Carcinosarcoma of the Parotid Gland With a PLAG 1 Translocation in Association With a Pleomorphic Adenoma With HMGA2 Translocation. <i>American Journal of Clinical Pathology</i> , 2020, 154, 811-815.	0.7	8
20	The significance of mucinous metaplasia in Warthin tumor: a frequent occurrence and potential pitfall. <i>Human Pathology</i> , 2020, 99, 13-26.	2.0	10
21	Deep Learning Based on <sc>MRI</sc> for Differentiation of Low–and High–Grade in Low–Stage Renal Cell Carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1542-1549.	3.4	31
22	Pathologic grading of mucoepidermoid carcinomas of the salivary gland and its effect on clinicopathologic follow-up: an institutional experience. <i>Human Pathology</i> , 2020, 98, 89-97.	2.0	18
23	Deep Learning to Distinguish Benign from Malignant Renal Lesions Based on Routine MR Imaging. <i>Clinical Cancer Research</i> , 2020, 26, 1944-1952.	7.0	86
24	Phase I trial of autologous cMET-directed CAR-t cells administered intravenously in patients with melanoma & breast carcinoma.. <i>Journal of Clinical Oncology</i> , 2020, 38, 10035-10035.	1.6	13
25	A Comparison of Cryoablation with Heat-Based Thermal Ablation for Treatment of Clinical T1a Renal Cell Carcinoma: A National Cancer Database Study. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1027-1033.e3.	0.5	10
26	Survival Benefit of Adjuvant Radiotherapy in Elderly Patients with WHO Grade III Meningioma. <i>World Neurosurgery</i> , 2019, 131, e303-e311.	1.3	10
27	Machine learning reveals multimodal MRI patterns predictive of isocitrate dehydrogenase and 1p/19q status in diffuse low- and high-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 142, 299-307.	2.9	98
28	Breast-conserving surgery for pure non-classic lobular carcinoma in situ: A single institution's experience. <i>Surgical Oncology</i> , 2019, 28, 190-194.	1.6	9
29	Gaussian Mixture Models for Probabilistic Classification of Breast Cancer. <i>Cancer Research</i> , 2019, 79, 3492-3502.	0.9	22
30	Automatic assessment of glioma burden: a deep learning algorithm for fully automated volumetric and bidimensional measurement. <i>Neuro-Oncology</i> , 2019, 21, 1412-1422.	1.2	128
31	Thyroid-Like Follicular Carcinoma of the Kidney With Extensive Sarcomatoid Differentiation: A Case Report and Review of the Literature. <i>International Journal of Surgical Pathology</i> , 2019, 27, 678-683.	0.8	14
32	Comparison of Mohs Surgery and Surgical Excision in the Treatment of Localized Sebaceous Carcinoma. <i>Dermatologic Surgery</i> , 2019, 45, 1125-1135.	0.8	7
33	Disease site as a prognostic factor for mycosis fungoides: an analysis of 2428 cases from the <sc>US</sc> National Cancer Database. <i>British Journal of Haematology</i> , 2019, 185, 592-595.	2.5	2
34	Painful Pseudoclubbing of a Single Nail Unit. <i>Skin Appendage Disorders</i> , 2019, 5, 60-63.	1.0	0
35	Comparison of Radiation Therapy Alone and Chemotherapy Alone for Low-Grade Gliomas without Surgical Resection. <i>World Neurosurgery</i> , 2019, 122, e108-e120.	1.3	5
36	Association of insurance status with survival in patients with cutaneous T-cell lymphoma. <i>Leukemia and Lymphoma</i> , 2019, 60, 1253-1260.	1.3	2

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37	Publication trend, resource utilization, and impact of the US National Cancer Database. <i>Medicine (United States)</i> , 2018, 97, e9823.	1.0	34
38	Disease site as a determinant of survival outcome in patients with systemic anaplastic lymphoma kinase positive anaplastic large cell lymphoma with extranodal involvement: an analysis of 1306 cases from the <scp>US</scp> National Cancer Database. <i>British Journal of Haematology</i> , 2018, 181, 196-204.	2.5	15
39	Histological immune response patterns in sentinel lymph nodes involved by metastatic melanoma and prognostic significance. <i>Journal of Cutaneous Pathology</i> , 2018, 45, 377-386.	1.3	5
40	Comparison of Adjuvant Radiation Therapy Alone and Chemotherapy Alone in Surgically Resected Low-Grade Gliomas: Survival Analyses of 2253 Cases from the National Cancer Data Base. <i>World Neurosurgery</i> , 2018, 112, e812-e822.	1.3	21
41	Ethnic disparity in primary cutaneous <scp>CD</scp>30⁺ Tâ€cell lymphoproliferative disorders: an analysis of 1496 cases from the <scp>US</scp> National Cancer Database. <i>British Journal of Haematology</i> , 2018, 181, 752-759.	2.5	5
42	Comparison of chemoradiotherapy with radiotherapy alone for early-stage extranodal natural killer/T-cell lymphoma, nasal type in elderly patients. <i>Leukemia and Lymphoma</i> , 2018, 59, 1406-1412.	1.3	14
43	Residual Convolutional Neural Network for the Determination of <i>IDH</i> Status in Low- and High-Grade Gliomas from MR Imaging. <i>Clinical Cancer Research</i> , 2018, 24, 1073-1081.	7.0	297
44	Disease site as a determinant of survival outcome in patients with primary cutaneous peripheral T-cell lymphoma, unspecified: an analysis of 4057 cases from the US National Cancer Database. <i>Leukemia and Lymphoma</i> , 2018, 59, 2105-2112.	1.3	7
45	Prognostic Factors and Treatment of Spinal Astrocytomas. <i>Spine</i> , 2018, 43, E565-E573.	2.0	18
46	Relative survival of patients with central neurocytoma. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 123-124.	1.5	2
47	Comparison of Radiofrequency Ablation and Hepatic Resection for the Treatment of Hepatocellular Carcinoma 2 cm or Less. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1218-1225.e2.	0.5	9
48	Prediction of Residual Nodal Disease at Completion Dissection Following Positive Sentinel Lymph Node Biopsy for Melanoma. <i>Annals of Surgical Oncology</i> , 2018, 25, 3469-3475.	1.5	13
49	Assessment of care pattern and outcome in hemangioblastoma. <i>Scientific Reports</i> , 2018, 8, 11144.	3.3	13
50	Prognostic Factors in Clival Chordomas: An Integrated Analysis of 347 Patients. <i>World Neurosurgery</i> , 2018, 118, e375-e387.	1.3	18
51	Impact of Neoadjuvant Chemotherapy on Breast Cancer Subtype: Does Subtype Change and, if so, How?. <i>Annals of Surgical Oncology</i> , 2018, 25, 3535-3540.	1.5	20
52	Papillary Thyroid Carcinoma Emerging from Hashimoto Thyroiditis Demonstrates Increased PD-L1 Expression, Which Persists with Metastasis. <i>Endocrine Pathology</i> , 2018, 29, 317-323.	9.0	30
53	Reduced expression of DNA repair genes and chemosensitivity in 1p19q codeleted lower-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 139, 563-571.	2.9	17
54	optical redox imaging of fixed unstained tissue slides to identify biomarkers for breast cancer diagnosis/prognosis: feasibility study. , 2018, 10472, .		1

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55	Phase II trial of palbociclib in patients with advanced esophageal or gastric cancer.. Journal of Clinical Oncology, 2018, 36, 68-68.	1.6	8
56	Addition of anti-estrogen therapy to anti-HER2 dendritic cell vaccination improves regional nodal immune response and pathologic complete response rate in patients with ER^{pos}/HER2^{pos} early breast cancer. Oncoimmunology, 2017, 6, e1207032.	4.6	30
57	Prognostic Factors in Patients With Spinal Chordoma: An Integrative Analysis of 682 Patients. Neurosurgery, 2017, 81, 812-823.	1.1	47
58	MRI features predict survival and molecular markers in diffuse lower-grade gliomas. Neuro-Oncology, 2017, 19, 862-870.	1.2	287
59	Dendritic Cell Vaccination Enhances Immune Responses and Induces Regression of HER2pos DCIS Independent of Route: Results of Randomized Selection Design Trial. Clinical Cancer Research, 2017, 23, 2961-2971.	7.0	105
60	Evaluating the Risk of Upstaging HER2-Positive DCIS to Invasive Breast Cancer. Annals of Surgical Oncology, 2017, 24, 2999-3003.	1.5	12
61	Safety and Efficacy of Intratumoral Injections of Chimeric Antigen Receptor (CAR) T Cells in Metastatic Breast Cancer. Cancer Immunology Research, 2017, 5, 1152-1161.	3.4	309
62	Racial disparity in mycosis fungoides: An analysis of 4495 cases from the US National Cancer Database. Journal of the American Academy of Dermatology, 2017, 77, 497-502.e2.	1.2	54
63	Atypical retiform hemangioendothelioma arising in a patient with Milroy disease: a case report and review of the literature. Journal of Cutaneous Pathology, 2017, 44, 98-103.	1.3	2
64	Implications of Lymph Node Evaluation in the Management of Resectable Soft Tissue Sarcoma. Annals of Surgical Oncology, 2017, 24, 425-433.	1.5	24
65	Loss of Anti-HER-3 CD4+ T-Helper Type 1 Immunity Occurs in Breast Tumorigenesis and is Negatively Associated with Outcomes. Annals of Surgical Oncology, 2017, 24, 407-417.	1.5	16
66	Primary malignant perivascular epithelioid cell neoplasm (PEComa) of the bone mimicking granular cell tumor in core biopsy: A case report and literature review. Oncology Letters, 2017, 15, 2946-2952.	1.8	10
67	MNGI-10. SURVIVAL BENEFIT ASSOCIATED WITH ADJUVANT RADIOTHERAPY IN ELDERLY PATIENTS WITH WHO GRADE III MENINGIOMA. Neuro-Oncology, 2017, 19, vi134-vi134.	1.2	0
68	Comparison of chemoradiotherapy with radiotherapy alone for "biopsy only" anaplastic astrocytoma. Oncotarget, 2017, 8, 69038-69046.	1.8	3
69	Does morphological assessment have a role in classifying oligoastrocytoma as "oligodendroglial"™ versus "astrocytic"™?. Histopathology, 2016, 68, 1114-1115.	2.9	7
70	Oncogenic BRAF-Mediated Melanoma Cell Invasion. Cell Reports, 2016, 15, 2012-2024.	6.4	46
71	Palisading and Verocay body-prominent dermatofibrosarcoma protuberans: A case report. Pathology Research and Practice, 2016, 212, 145-147.	2.3	0
72	Safety and diagnostic value of brain biopsy in HIV patients: a case series and meta-analysis of 1209 patients. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 722-733.	1.9	23

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73	Lymph node content of supraclavicular and thoracodorsal-based axillary flaps for vascularized lymph node transfer. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2016, 4, 80-87.	1.6	15
74	Palbociclib (PD0332991)â€™a Selective and Potent Cyclin-Dependent Kinase Inhibitor. <i>JAMA Oncology</i> , 2016, 2, 253.	7.1	103
75	The mRNA-edited form of GABRA3 suppresses GABRA3-mediated Akt activation and breast cancer metastasis. <i>Nature Communications</i> , 2016, 7, 10715.	12.8	120
76	Brain biopsy in atypical dementia and primary angiitis of the central nervous system. <i>Human Pathology</i> , 2016, 51, 146-147.	2.0	0
77	Clinical Diagnosis and Management of Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 9S-16S.	5.0	314
78	Imaging genomics in cancer research: limitations and promises. <i>British Journal of Radiology</i> , 2016, 89, 20151030.	2.2	90
79	APOBEC3B expression in drug resistant MCF-7 breast cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2016, 79, 87-92.	5.6	3
80	The relation between percentage of immunostained cells and amplification status in breast cancers with equivocal result for Her2 immunohistochemistry. <i>Pathology Research and Practice</i> , 2016, 212, 381-384.	2.3	7
81	Anti-HER2 CD4+ T-helper type 1 response is a novel immune correlate to pathologic response following neoadjuvant therapy in HER2-positive breast cancer. <i>Breast Cancer Research</i> , 2015, 17, 71.	5.0	56
82	DCIS in BRCA1 and BRCA2 mutation carriers: prevalence, phenotype, and expression of oncodrivers C-MET and HER3. <i>Journal of Translational Medicine</i> , 2015, 13, 335.	4.4	16
83	Human epidermal growth factor receptor 2 testing in gastric and gastroesophageal junction adenocarcinomas: role of the gastroenterologist. <i>Gastrointestinal Endoscopy</i> , 2015, 81, 977-982.	1.0	3
84	The role of radiotherapy in the treatment of spinal chordomas: an integrative analysis of 523 cases: Table 1. <i>Neuro-Oncology</i> , 2015, 17, 1419-1420.	1.2	6
85	Progressive loss of anti-HER2 CD4 ⁺ T-helper type 1 response in breast tumorigenesis and the potential for immune restoration. <i>Oncolmmunology</i> , 2015, 4, e1022301.	4.6	68
86	Phase II pharmacodynamic trial of palbociclib in patients with KRAS mutant colorectal cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 626-626.	1.6	9
87	Soft Tissue Rosai-Dorfman Disease With Features of IgG4-Related Disease: A Case Report and Review of Literature. <i>American Journal of Clinical Pathology</i> , 2014, 142, A288-A288.	0.7	0
88	Vav2 protein overexpression marks and may predict the aggressive subtype of ductal carcinoma in situ. <i>Biomarker Research</i> , 2014, 2, 22.	6.8	14
89	Extraventricular Neurocytoma and Ganglioneurocytoma: Advanced MR Imaging, Histopathological, and Chromosomal Findings. <i>Journal of Neuroimaging</i> , 2014, 24, 613-616.	2.0	11
90	Initiation of Metastatic Breast Carcinoma by Targeting of the Ductal Epithelium with Adenovirus-Cre: A Novel Transgenic Mouse Model of Breast Cancer. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	20

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91	Mesothelin expression as a predictive biomarker of breast cancer outcomes.. Journal of Clinical Oncology, 2014, 32, 11119-11119.	1.6	0
92	A phase II trial of an oral CDK 4/6 inhibitor, PD0332991, in advanced breast cancer.. Journal of Clinical Oncology, 2013, 31, 519-519.	1.6	9
93	A Novel Dendritic Cell-based Immunization Approach for the Induction of Durable Th1-polarized Anti-HER-2/neu Responses in Women With Early Breast Cancer. Journal of Immunotherapy, 2012, 35, 54-65.	2.4	104
94	HER2 pulsed dendritic cell vaccine can eliminate HER2 expression and impact ductal carcinoma in situ. Cancer, 2012, 118, 4354-4362.	4.1	133
95	HER-2/neu Overexpression as a Predictor for the Transition from <i>In situ</i> to Invasive Breast Cancer. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1386-1389.	2.5	120
96	TTF-1 Expression in Ovarian and Uterine Epithelial Neoplasia and its Potential Significance, an Immunohistochemical Assessment With Multiple Monoclonal Antibodies and Different Secondary Detection Systems. International Journal of Gynecological Pathology, 2009, 28, 10-18.	1.4	94
97	Primary cardiac sarcomas: a clinicopathologic analysis of a series with follow-up information in 17 patients and emphasis on long-term survival. Human Pathology, 2008, 39, 1385-1395.	2.0	111
98	PDGF-A, PDGF-R β , TGF β 3 and bone morphogenic protein-4 in desmoplastic small round cell tumors with EWS-WT1 gene fusion product and their role in stromal desmoplasia: an immunohistochemical study. Modern Pathology, 2005, 18, 382-387.	5.5	27
99	The role of β -catenin, TGF β 3, NGF2, FGF2, IGFR2, and BMP4 in the pathogenesis of mesenteric sclerosis and angiopathy in midgut carcinoids. Human Pathology, 2004, 35, 670-674.	2.0	19
100	Immunophenotype of Desmoplastic Small Round Cell Tumors as Detected in Cases with EWS-WT1 Gene Fusion Product. Modern Pathology, 2003, 16, 229-235.	5.5	138
101	The Role of Calretinin, Inhibin, Melan-A, BCL-2, and C-kit in Differentiating Adrenal Cortical and Medullary Tumors: An Immunohistochemical Study. Modern Pathology, 2003, 16, 591-597.	5.5	104
102	Growth Factors and Receptors in Juvenile Nasopharyngeal Angiofibroma and Nasal Polyps: An Immunohistochemical Study. Archives of Pathology and Laboratory Medicine, 2003, 127, 1480-1484.	2.5	48
103	Differential Expression of E-Cadherin in Lobular and Ductal Neoplasms of the Breast and Its Biologic and Diagnostic Implications. American Journal of Clinical Pathology, 2001, 115, 85-98.	0.7	284
104	Trisomy 6 in basal cell carcinomas correlates with metastatic potential. Cancer, 2001, 91, 1927-1932.	4.1	22
105	Uroplakin as a marker for typing metastatic transitional cell carcinoma on fine-needle aspiration specimens. Cancer, 2001, 93, 216-221.	4.1	19
106	Downregulation of Gelsolin Correlates with the Progression to Breast Carcinoma. Breast Cancer Research and Treatment, 2001, 65, 11-21.	2.5	78
107	Immunoreactivity of MIC2 (CD99) in Acute Myelogenous Leukemia and Related Diseases. Modern Pathology, 2000, 13, 452-458.	5.5	56