

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	Clinical Diagnosis and Management of Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 9S-16S.	5.0	314
2	Safety and Efficacy of Intratumoral Injections of Chimeric Antigen Receptor (CAR) T Cells in Metastatic Breast Cancer. <i>Cancer Immunology Research</i> , 2017, 5, 1152-1161.	3.4	309
3	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
4	MRI features predict survival and molecular markers in diffuse lower-grade gliomas. <i>Neuro-Oncology</i> , 2017, 19, 862-870.	1.2	287
5	Differential Expression of E-Cadherin in Lobular and Ductal Neoplasms of the Breast and Its Biologic and Diagnostic Implications. <i>American Journal of Clinical Pathology</i> , 2001, 115, 85-98.	0.7	284
6	Immunophenotype of Desmoplastic Small Round Cell Tumors as Detected in Cases with EWS-WT1 Gene Fusion Product. <i>Modern Pathology</i> , 2003, 16, 229-235.	5.5	188
7	HER2 pulsed dendritic cell vaccine can eliminate HER2 expression and impact ductal carcinoma in situ. <i>Cancer</i> , 2012, 118, 4354-4362.	4.1	133
8	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
9	HER-2/neu Overexpression as a Predictor for the Transition from <i>In situ</i> to Invasive Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 1386-1389.	2.5	120
10	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
11	Primary cardiac sarcomas: a clinicopathologic analysis of a series with follow-up information in 17 patients and emphasis on long-term survival. <i>Human Pathology</i> , 2008, 39, 1385-1395.	2.0	111
12	Dendritic Cell Vaccination Enhances Immune Responses and Induces Regression of HER2pos DCIS Independent of Route: Results of Randomized Selection Design Trial. <i>Clinical Cancer Research</i> , 2017, 23, 2961-2971.	7.0	105
13	The Role of Calretinin, Inhibin, Melan-A, BCL-2, and C-kit in Differentiating Adrenal Cortical and Medullary Tumors: An Immunohistochemical Study. <i>Modern Pathology</i> , 2003, 16, 591-597.	5.5	104
14	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. <i>Journal of Immunotherapy</i> , 2012, 35, 54-65.	2.4	104
15	Palbociclib (PD0332991) a Selective and Potent Cyclin-Dependent Kinase Inhibitor. <i>JAMA Oncology</i> , 2016, 2, 253.	7.1	103
16	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
17	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. <i>International Journal of Gynecological Pathology</i> , 2009, 28, 10-18.	1.4	94
18	Imaging genomics in cancer research: limitations and promises. <i>British Journal of Radiology</i> , 2016, 89, 20151030.	2.2	90

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19	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
20	Downregulation of Gelsolin Correlates with the Progression to Breast Carcinoma. <i>Breast Cancer Research and Treatment</i> , 2001, 65, 11-21.	2.5	78
21	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
22	Immunoreactivity of MIC2 (CD99) in Acute Myelogenous Leukemia and Related Diseases. <i>Modern Pathology</i> , 2000, 13, 452-458.	5.5	56
23	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
24	Racial disparity in mycosis fungoides: An analysis of 4495 cases from the US National Cancer Database. <i>Journal of the American Academy of Dermatology</i> , 2017, 77, 497-502.e2.	1.2	54
25	Growth Factors and Receptors in Juvenile Nasopharyngeal Angiofibroma and Nasal Polyps: An Immunohistochemical Study. <i>Archives of Pathology and Laboratory Medicine</i> , 2003, 127, 1480-1484.	2.5	48
26	Prognostic Factors in Patients With Spinal Chordoma: An Integrative Analysis of 682 Patients. <i>Neurosurgery</i> , 2017, 81, 812-823.	1.1	47
27	Oncogenic BRAF-Mediated Melanoma Cell Invasion. <i>Cell Reports</i> , 2016, 15, 2012-2024.	6.4	46
28	Deep Learning for Classification of Bone Lesions on Routine MRI. <i>EBioMedicine</i> , 2021, 68, 103402.	6.1	43
29	Deep learning-based classification of primary bone tumors on radiographs: A preliminary study. <i>EBioMedicine</i> , 2020, 62, 103121.	6.1	42
30	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
31	Publication trend, resource utilization, and impact of the US National Cancer Database. <i>Medicine (United States)</i> , 2018, 97, e9823.	1.0	34
32	Sublobar resection compared with stereotactic body radiation therapy and ablation for early stage non-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
33	Deep Learning Based on MRI 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
34	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 ⁺ /HER2 ⁺ early breast cancer. <i>Oncolmmunology</i> , 2017, 6, e1207032.	4.6	30
35	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
36	PDGF-A, PDGF- 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. <i>Modern Pathology</i> , 2005, 18, 382-387.	5.5	27

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37	Implications of Lymph Node Evaluation in the Management of Resectable Soft Tissue Sarcoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 425-433.	1.5	24
38	Safety and diagnostic value of brain biopsy in HIV patients: a case series and meta-analysis of 1209 patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 722-733.	1.9	23
39	Trisomy 6 in basal cell carcinomas correlates with metastatic potential. <i>Cancer</i> , 2001, 91, 1927-1932.	4.1	22
40	Gaussian Mixture Models for Probabilistic Classification of Breast Cancer. <i>Cancer Research</i> , 2019, 79, 3492-3502.	0.9	22
41	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
42	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
43	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
44	Deep learning for differentiation of benign and malignant solid liver lesions on ultrasonography. <i>Abdominal Radiology</i> , 2021, 46, 534-543.	2.1	20
45	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
46	Uroplakin as a marker for typing metastatic transitional cell carcinoma on fine-needle aspiration specimens. <i>Cancer</i> , 2001, 93, 216-221.	4.1	19
47	The role of β -catenin, TGF β 3, NGF2, FGF2, IGFR2, and BMP4 in the pathogenesis of mesenteric sclerosis and angiopathy in midgut carcinoids. <i>Human Pathology</i> , 2004, 35, 670-674.	2.0	19
48	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
49	Prognostic Factors and Treatment of Spinal Astrocytomas. <i>Spine</i> , 2018, 43, E565-E573.	2.0	18
50	Prognostic Factors in Clival Chordomas: An Integrated Analysis of 347 Patients. <i>World Neurosurgery</i> , 2018, 118, e375-e387.	1.3	18
51	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
52	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
53	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
54	Loss of Anti-HER-3 CD4+ T-Helper Type 1 Immunity Occurs in Breast Tumorigenesis and is Negatively Associated with Outcomes. <i>Annals of Surgical Oncology</i> , 2017, 24, 407-417.	1.5	16

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55	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
56	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
57	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
58	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
59	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
60	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
61	Assessment of care pattern and outcome in hemangioblastoma. <i>Scientific Reports</i> , 2018, 8, 11144.	3.3	13
62	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
63	Evaluating the Risk of Upstaging HER2-Positive DCIS to Invasive Breast Cancer. <i>Annals of Surgical Oncology</i> , 2017, 24, 2999-3003.	1.5	12
64	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
65	Extraventricular Neurocytoma and Ganglioneurocytoma: Advanced MR Imaging, Histopathological, and Chromosomal Findings. <i>Journal of Neuroimaging</i> , 2014, 24, 613-616.	2.0	11
66	Primary malignant perivascular epithelioid cell neoplasm (PEComa) of the bone mimicking granular cell tumor in core biopsy: A case report and literature review. <i>Oncology Letters</i> , 2017, 15, 2946-2952.	1.8	10
67	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
68	Survival Benefit of Adjuvant Radiotherapy in Elderly Patients with WHO Grade III Meningioma. <i>World Neurosurgery</i> , 2019, 131, e303-e311.	1.3	10
69	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
70	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
71	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
72	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

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73	Ionized Calcium Binding Adaptor Molecule 1 (IBA1). American Journal of Clinical Pathology, 2021, 156, 86-99.	0.7	9
74	A contemporary update on hyalinizing clear cell carcinoma: compilation of all in-house cases at our institution and a literature review spanning 2015–2020. Human Pathology, 2021, 111, 45-51.	2.0	9
75	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
76	Phase II pharmacodynamic trial of palbociclib in patients with KRAS mutant colorectal cancer.. Journal of Clinical Oncology, 2015, 33, 626-626.	1.6	9
77	Giant Cell Carcinosarcoma of the Parotid Gland With a PLAG 1 Translocation in Association With a Pleomorphic Adenoma With HMGA2 Translocation. American Journal of Clinical Pathology, 2020, 154, 811-815.	0.7	8
78	Increased tumor-infiltrating lymphocyte density is associated with favorable outcomes in a comparative study of canine histiocytic sarcoma. Cancer Immunology, Immunotherapy, 2022, 71, 807-818.	4.2	8
79	Phase II trial of palbociclib in patients with advanced esophageal or gastric cancer.. Journal of Clinical Oncology, 2018, 36, 68-68.	1.6	8
80	Does morphological assessment have a role in classifying oligoastrocytoma as “oligodendroglial” versus “astrocytic”? Histopathology, 2016, 68, 1114-1115.	2.9	7
81	The relation between percentage of immunostained cells and amplification status in breast cancers with equivocal result for Her2 immunohistochemistry. Pathology Research and Practice, 2016, 212, 381-384.	2.3	7
82	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. Leukemia and Lymphoma, 2018, 59, 2105-2112.	1.3	7
83	Comparison of Mohs Surgery and Surgical Excision in the Treatment of Localized Sebaceous Carcinoma. Dermatologic Surgery, 2019, 45, 1125-1135.	0.8	7
84	The role of radiotherapy in the treatment of spinal chordomas: an integrative analysis of 523 cases: Table 1.. Neuro-Oncology, 2015, 17, 1419-1420.	1.2	6
85	Histological immune response patterns in sentinel lymph nodes involved by metastatic melanoma and prognostic significance. Journal of Cutaneous Pathology, 2018, 45, 377-386.	1.3	5
86	Ethnic disparity in primary cutaneous CD30+ T-cell lymphoproliferative disorders: an analysis of 1496 cases from the US National Cancer Database. British Journal of Haematology, 2018, 181, 752-759.	2.5	5
87	Comparison of Radiation Therapy Alone and Chemotherapy Alone for Low-Grade Gliomas without Surgical Resection. World Neurosurgery, 2019, 122, e108-e120.	1.3	5
88	Translatability Analysis of National Institutes of Health–Funded Biomedical Research That Applies Artificial Intelligence. JAMA Network Open, 2022, 5, e2144742.	5.9	5
89	Human epidermal growth factor receptor 2 testing in gastric and gastroesophageal junction adenocarcinomas: role of the gastroenterologist. Gastrointestinal Endoscopy, 2015, 81, 977-982.	1.0	3
90	APOBEC3B expression in drug resistant MCF-7 breast cancer cell lines. Biomedicine and Pharmacotherapy, 2016, 79, 87-92.	5.6	3

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91	Comparison of chemoradiotherapy with radiotherapy alone for "biopsy only" anaplastic astrocytoma. <i>Oncotarget</i> , 2017, 8, 69038-69046.	1.8	3
92	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
93	Encephalopathy at admission predicts adverse outcomes in patients with SARS-CoV-2 infection. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1127-1135.	3.9	3
94	Atypical retiform hemangioendothelioma arising in a patient with Milroy disease: a case report and review of the literature. <i>Journal of Cutaneous Pathology</i> , 2017, 44, 98-103.	1.3	2
95	Relative survival of patients with central neurocytoma. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 123-124.	1.5	2
96	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
97	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
98	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
99	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
100	optical redox imaging of fixed unstained tissue slides to identify biomarkers for breast cancer diagnosis/prognosis: feasibility study. , 2018, 10472, .		1
101	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
102	Palisading and Verocay body-prominent dermatofibrosarcoma protuberans: A case report. <i>Pathology Research and Practice</i> , 2016, 212, 145-147.	2.3	0
103	Brain biopsy in atypical dementia and primary angiitis of the central nervous system. <i>Human Pathology</i> , 2016, 51, 146-147.	2.0	0
104	MNGI-10. SURVIVAL BENEFIT ASSOCIATED WITH ADJUVANT RADIOTHERAPY IN ELDERLY PATIENTS WITH WHO GRADE III MENINGIOMA. <i>Neuro-Oncology</i> , 2017, 19, vi134-vi134.	1.2	0
105	Painful Pseudoclubbing of a Single Nail Unit. <i>Skin Appendage Disorders</i> , 2019, 5, 60-63.	1.0	0
106	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
107	Mesothelin expression as a predictive biomarker of breast cancer outcomes.. <i>Journal of Clinical Oncology</i> , 2014, 32, 11119-11119.	1.6	0