Jing Wu

List of Publications by Year
in descending order

107 papers	3,779 citations	218677 26 h-index	144013 57 g-index
119 all docs	119 docs citations	119 times ranked	6591 citing authors

#	Article	IF	Citations
1	Performance of Radiologists in Differentiating COVID-19 from Non-COVID-19 Viral Pneumonia at Chest CT. Radiology, 2020, 296, E46-E54.	7.3	958
2	Artificial Intelligence Augmentation of Radiologist Performance in Distinguishing COVID-19 from Pneumonia of Other Origin at Chest CT. Radiology, 2020, 296, E156-E165.	7.3	315
3	Residual Convolutional Neural Network for the Determination of *IDH* Status in Low- and High-Grade Gliomas from MR Imaging. Clinical Cancer Research, 2018, 24, 1073-1081.	7.0	297
4	MRI features predict survival and molecular markers in diffuse lower-grade gliomas. Neuro-Oncology, 2017, 19, 862-870.	1.2	287
5	Automatic assessment of glioma burden: a deep learning algorithm for fully automated volumetric and bidimensional measurement. Neuro-Oncology, 2019, 21, 1412-1422.	1.2	128
6	A new look at painful diabetic neuropathy. Diabetes Research and Clinical Practice, 2018, 144, 177-191.	2.8	112
7	Machine learning reveals multimodal MRI patterns predictive of isocitrate dehydrogenase and 1p/19q status in diffuse low- and high-grade gliomas. Journal of Neuro-Oncology, 2019, 142, 299-307.	2.9	98
8	Imaging genomics in cancer research: limitations and promises. British Journal of Radiology, 2016, 89, 20151030.	2.2	90
9	Prognostication of patients with COVID-19 using artificial intelligence based on chest x-rays and clinical data: a retrospective study. The Lancet Digital Health, 2021, 3, e286-e294.	12.3	87
10	Deep Learning to Distinguish Benign from Malignant Renal Lesions Based on Routine MR Imaging. Clinical Cancer Research, 2020, 26, 1944-1952.	7.0	86
11	Asprosin: A Novel Player in Metabolic Diseases. Frontiers in Endocrinology, 2020, 11, 64.	3.5	60
12	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
13	Activation of Sirtuin 1 Attenuates High Glucose-Induced Neuronal Apoptosis by Deacetylating p53. Frontiers in Endocrinology, 2018, 9, 274.	3.5	47
14	Inflammation-induced microvascular insulin resistance is an early event in diet-induced obesity. Clinical Science, 2015, 129, 1025-1036.	4.3	46
15	The autophagic degradation of Cav-1 contributes to PA-induced apoptosis and inflammation of astrocytes. Cell Death and Disease, 2018, 9, 771.	6.3	43
16	Deep Learning for Classification of Bone Lesions on Routine MRI. EBioMedicine, 2021, 68, 103402.	6.1	43
17	Deep learning-based classification of primary bone tumors on radiographs: A preliminary study. EBioMedicine, 2020, 62, 103121.	6.1	42
18	Artificial intelligence for prediction of COVID-19 progression using CT imaging and clinical data. European Radiology, 2022, 32, 205-212.	4.5	42

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19	Automatic Machine Learning to Differentiate Pediatric Posterior Fossa Tumors on Routine MR Imaging. American Journal of Neuroradiology, 2020, 41, 1279-1285.	2.4	37
20	Evaluation of a convolutional neural network for ovarian tumor differentiation based on magnetic resonance imaging. European Radiology, 2021, 31, 4960-4971.	4.5	35
21	Globular adiponectin ameliorates metabolic insulin resistance via AMPK‐mediated restoration of microvascular insulin responses. Journal of Physiology, 2015, 593, 4067-4079.	2.9	33
22	Sensorimotor and pain‐related alterations of the gray matter and white matter in Type 2 diabetic patients with peripheral neuropathy. Human Brain Mapping, 2020, 41, 710-725.	3.6	33
23	Sublobar resection compared with stereotactic body radiation therapy and ablation for early stage non‐small cell lung cancer: A National Cancer Database study. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1350-1357.e11.	0.8	33
24	High glucose induces formation of tau hyperphosphorylation via Cav-1-mTOR pathway: A potential molecular mechanism for diabetes-induced cognitive dysfunction. Oncotarget, 2017, 8, 40843-40856.	1.8	32
25	Deep Learning Based on <scp>MRI</scp> for Differentiation of Low‐ and High‐Grade in Low‐Stage Renal Cell Carcinoma. Journal of Magnetic Resonance Imaging, 2020, 52, 1542-1549.	3.4	31
26	Decision Making: Intra-arterial Therapies for Cholangiocarcinoma—TACE and TARE. Seminars in Interventional Radiology, 2017, 34, 092-100.	0.8	30
27	Deep learning-based automatic tumor burden assessment of pediatric high-grade gliomas, medulloblastomas, and other leptomeningeal seeding tumors. Neuro-Oncology, 2022, 24, 289-299.	1.2	28
28	Microglial annexin A3 downregulation alleviates bone cancer-induced pain through inhibiting the Hif-1α/vascular endothelial growth factor signaling pathway. Pain, 2020, 161, 2750-2762.	4.2	24
29	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
30	High glucose up-regulates Semaphorin 3A expression via the mTOR signaling pathway in keratinocytes: A potential mechanism and therapeutic target for diabetic small fiber neuropathy. Molecular and Cellular Endocrinology, 2018, 472, 107-116.	3.2	23
31	An automated COVID-19 triage pipeline using artificial intelligence based on chest radiographs and clinical data. Npj Digital Medicine, 2022, 5, 5.	10.9	22
32	Waist-to-hip ratio is the most relevant obesity index at each phase of insulin secretion among obese patients. Journal of Diabetes and Its Complications, 2018, 32, 670-676.	2.3	21
33	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. World Neurosurgery, 2018, 112, e812-e822.	1.3	21
34	Deep learning for differentiation of benign and malignant solid liver lesions on ultrasonography. Abdominal Radiology, 2021, 46, 534-543.	2.1	20
35	Machine Learning-Based Prediction of COVID-19 Severity and Progression to Critical Illness Using CT Imaging and Clinical Data. Korean Journal of Radiology, 2021, 22, 1213.	3.4	20
36	Epidemiologic survey on hospitalized neonates in China. Translational Pediatrics, 2012, 1, 15-22.	1.2	20

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37	High glucose forces a positive feedback loop connecting ErbB4 expression and mTOR/S6K pathway to aggravate the formation ofÂtau hyperphosphorylation in differentiated SH-SY5Y cells. Neurobiology of Aging, 2018, 67, 171-180.	3.1	18
38	Circular RNA expression profile in the spinal cord of morphine tolerated rats and screen of putative key circRNAs. Molecular Brain, 2019, 12, 79.	2.6	18
39	Serum Uric Acid Levels and Metabolic Indices in an Obese Population: A Cross-Sectional Study. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 627-635.	2.4	18
40	Discriminative error prediction network for semi-supervised colon gland segmentation. Medical Image Analysis, 2022, 79, 102458.	11.6	18
41	Reduced expression of DNA repair genes and chemosensitivity in 1p19q codeleted lower-grade gliomas. Journal of Neuro-Oncology, 2018, 139, 563-571.	2.9	17
42	Rosiglitazone inhibits high glucose-induced apoptosis in human umbilical vein endothelial cells through the PI3K/Akt/eNOS pathway. Canadian Journal of Physiology and Pharmacology, 2009, 87, 549-555.	1.4	16
43	Deep Learning Based on MR Imaging for Predicting Outcome of Uterine Fibroid Embolization. Journal of Vascular and Interventional Radiology, 2020, 31, 1010-1017.e3.	0.5	16
44	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. British Journal of Haematology, 2018, 181, 196-204.	2.5	15
45	CT Features of Hepatic Veno-occlusive Disease. Academic Radiology, 2018, 25, 328-337.	2.5	15
46	Comparison of chemoradiotherapy with radiotherapy alone for early-stage extranodal natural killer/T-cell lymphoma, nasal type in elderly patients. Leukemia and Lymphoma, 2018, 59, 1406-1412.	1.3	14
47	Symptoms of systemic lupus erythematosus are diagnosed in leptin transgenic pigs. PLoS Biology, 2018, 16, e2005354.	5.6	13
48	Assessment of care pattern and outcome in hemangioblastoma. Scientific Reports, 2018, 8, 11144.	3.3	13
49	Digoxin targets low density lipoprotein receptor-related protein 4 and protects against osteoarthritis. Annals of the Rheumatic Diseases, 2022, 81, 544-555.	0.9	13
50	Relative survival analysis in patients with stage I-II Merkel cell carcinoma treated with Mohs micrographic surgery or wide local excision. Journal of the American Academy of Dermatology, 2023, 88, e131-e132.	1.2	12
51	Differentiation of low and high grade renal cell carcinoma on routine MRI with an externally validated automatic machine learning algorithm. Scientific Reports, 2020, 10, 19503.	3.3	12
52	Focusing on rare diseases in China: are we there yet?. Orphanet Journal of Rare Diseases, 2015, 10, 142.	2.7	10
53	A Comparison of Cryoablation with Heat-Based Thermal Ablation for Treatment of Clinical T1a Renal Cell Carcinoma: A National Cancer Database Study. Journal of Vascular and Interventional Radiology, 2019, 30, 1027-1033.e3.	0.5	10
54	Survival Benefit of Adjuvant Radiotherapy in Elderly Patients with WHO Grade III Meningioma. World Neurosurgery, 2019, 131, e303-e311.	1.3	10

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55	Evaluation of RAPNO criteria in medulloblastoma and other leptomeningeal seeding tumors using MRI and clinical data. Neuro-Oncology, 2020, 22, 1536-1544.	1.2	10
56	Comparison of Radiofrequency Ablation and Hepatic Resection for the Treatment of Hepatocellular Carcinoma 2 cm or Less. Journal of Vascular and Interventional Radiology, 2018, 29, 1218-1225.e2.	0.5	9
57	Increasing Imbalance of Treg/Th17 Indicates More Severe Glucose Metabolism Dysfunction in Overweight/obese Patients. Archives of Medical Research, 2021, 52, 339-347.	3.3	9
58	Annexin A3 as a Marker Protein for Microglia in the Central Nervous System of Rats. Neural Plasticity, 2021, 2021, 1-15.	2.2	9
59	Prediction of pulmonary metastasis in pulmonary nodules (â‰¤0Âmm) detected in patients with primary extrapulmonary malignancy at thin-section staging CT. Radiologia Medica, 2017, 122, 837-849.	7.7	8
60	Percutaneous Fluoroscopic-Guided Creation of Neoanastomosis for the Treatment of Biliary Occlusions. CardioVascular and Interventional Radiology, 2020, 43, 1671-1678.	2.0	8
61	Tau pathology in diabetes mellitus. Die Pharmazie, 2013, 68, 649-52.	0.5	8
62	Does morphological assessment have a role in classifying oligoastrocytoma as â€˜oligodendroglialâ€™ versus â€˜astrocyticâ€™?. Histopathology, 2016, 68, 1114-1115.	2.9	7
63	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
64	Comparison of Mohs Surgery and Surgical Excision in the Treatment of Localized Sebaceous Carcinoma. Dermatologic Surgery, 2019, 45, 1125-1135.	0.8	7
65	LncRNA MRAK159688 facilitates morphine tolerance by promoting REST-mediated inhibition of mu opioid receptor in rats. Neuropharmacology, 2022, 206, 108938.	4.1	7
66	The Impact of Bridging LRT on Survival in Patients Listed for Liver Transplantation. CardioVascular and Interventional Radiology, 2018, 41, 112-119.	2.0	6
67	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. British Journal of Haematology, 2018, 181, 752-759.	2.5	5
68	Comparison of Radiation Therapy Alone and Chemotherapy Alone for Low-Grade Gliomas without Surgical Resection. World Neurosurgery, 2019, 122, e108-e120.	1.3	5
69	Chronic liver disease not a significant comorbid condition for COVID-19. Scientific Reports, 2021, 11, 11734.	3.3	5
70	Translatability Analysis of National Institutes of Healthâ€"Funded Biomedical Research That Applies Artificial Intelligence. JAMA Network Open, 2022, 5, e2144742.	5.9	5
71	The effect of cirrhosis on radiogenomic biomarker's ability to predict microvascular invasion and outcome in hepatocellular carcinoma. Hepatology, 2016, 64, 691-692.	7.3	4
72	Infrapatellar fat pad maximal area and changes in knee symptoms: gender-related difference or gender difference in reporting?. Annals of the Rheumatic Diseases, 2016, 75, e3-e3.	0.9	4

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73	MicroRNA-21 expression in the prognosis of low-grade gliomas: data from the cancer genome atlas (TCGA) project. Journal of Neuro-Oncology, 2017, 134, 241-242.	2.9	4
74	Adjuvant radiotherapy and chemotherapy in early-stage diffuse large B cell lymphoma of head and neck with extranodal involvement. Hematology, 2019, 24, 268-275.	1.5	4
75	Simulation-based training in asthma exacerbation for medical students: effect of prior exposure to simulation training on performance. BMC Medical Education, 2022, 22, 223.	2.4	4
76	A relationship between extracapsular involvement and response to steroid treatment in polymyalgia rheumatica: too soon to conclude?. Annals of the Rheumatic Diseases, 2016, 75, e16-e16.	0.9	3
77	Can genetics explain the higher risk of worsening knee pain in offspring of people with total knee replacement for severe primary knee osteoarthritis?. Annals of the Rheumatic Diseases, 2016, 75, e45-e45.	0.9	3
78	Comparison of chemoradiotherapy with radiotherapy alone for â€œbiopsy onlyâ€•anaplastic astrocytoma. Oncotarget, 2017, 8, 69038-69046.	1.8	3
79	Abnormal pulmonary artery systolic pressure response after exercise in systemic sclerosis patients. Medicine (United States), 2019, 98, e14342.	1.0	3
80	Ablation Therapy for Advanced Stage Non-Small Cell Lung Cancer: A National Cancer Database Study. Journal of Vascular and Interventional Radiology, 2020, 31, 1210-1215.e4.	0.5	3
81	Aberrant Brain Network Integration and Segregation in Diabetic Peripheral Neuropathy Revealed by Structural Connectomics. Frontiers in Neuroscience, 2020, 14, 585588.	2.8	3
82	RICORD: A Precedent for Open AI in COVID-19 Image Analytics. Radiology, 2021, 299, E219-E220.	7.3	3
83	Encephalopathy at admission predicts adverse outcomes in patients with SARSâ€CoVâ€2 infection. CNS Neuroscience and Therapeutics, 2021, 27, 1127-1135.	3.9	3
84	Prevalence and factors associated with overweight or obesity among 2- to 6-year-old children in Hunan, China: a cross-sectional study. Public Health Nutrition, 2022, , 1-12.	2.2	3
85	Prognostic relevance of epilepsy at presentation in lower-grade gliomas: TableÂ1.. Neuro-Oncology, 2016, 18, 1326-1327.	1.2	2
86	Relative survival of patients with central neurocytoma. Journal of Clinical Neuroscience, 2018, 55, 123-124.	1.5	2
87	Disease site as a prognostic factor for mycosis fungoides: an analysis of 2428 cases from the <scp>US</scp> National Cancer Database. British Journal of Haematology, 2019, 185, 592-595.	2.5	2
88	Association of insurance status with survival in patients with cutaneous T-cell lymphoma. Leukemia and Lymphoma, 2019, 60, 1253-1260.	1.3	2
89	Association of Metformin Use With Risk of Venous Thromboembolism in Adults With Type 2 Diabetes: A General-Populationâ€"Based Cohort Study. American Journal of Epidemiology, 2022, 191, 856-866.	3.4	2
90	Associations between adipokines gene polymorphisms and kneeÂosteoarthritis: a meta-analysis. BMC Musculoskeletal Disorders, 2022, 23, 166.	1.9	2

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91	Is Vascular Fragility a Significant Concern in Ehlers-Danlos Syndrome TypeÂVIA?. Pediatric Neurology, 2015, 52, e3-e4.	2.1	1
92	Therapeutic effect analysis on the treatment of congenital glaucoma through modified combined trabeculotomy-trabeculectomy. International Journal of Ophthalmology, 2016, 9, 243-8.	1.1	1
93	Stenting of symptomatic extracranial vertebral artery stenosis: Is further testing indicated?. International Journal of Stroke, 2016, 11, NP22-NP24.	5.9	1
94	Early identification of cerebrovascular events in patients presenting with vertigo or dizziness. International Journal of Stroke, 2016, 11, NP64-NP67.	5.9	1
95	Letter to the Editor. Specificity and validity of putaminal involvement as a prognostic factor in Grade II insular gliomas. Journal of Neurosurgery, 2017, 126, 2053-2054.	1.6	1
96	ZEB1 expression in Chinese lower-grade gliomas. Journal of Neuro-Oncology, 2017, 133, 213-215.	2.9	1
97	<scp>HTLV</scp>â€‑1 status should be recorded in cases of T cell lymphomas/lymphoproliferative disorders â€" cases of adult T cell leukaemia lymphoma masquerading as other T cell lymphomas/lymphoproliferative disorders could explain some of the apparent ethnic disparities â€" response to Lo Bello and Naresh. British Journal of Haematology, 2019, 185, 327-328.	2.5	1
98	Associations of TCF7L2 rs11196218 (A/G) and GLP-1R rs761386 (C/T) Gene Polymorphisms with Obesity in Chinese Population. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 2465-2472.	2.4	1
99	Acid-Suppressive Medication Use in Acute Stroke Patients: Is it Time to Change Practice?. International Journal of Stroke, 2015, 10, E55-E55.	5.9	0
100	Diffuse T2 Signal Hyperintensity of the Teres Minor in a Patient With Polyarteritis Nodosa. American Journal of Roentgenology, 2016, 207, W135-W135.	2.2	0
101	Brain biopsy in atypical dementia and primary angiitis of the central nervous system. Human Pathology, 2016, 51, 146-147.	2.0	0
102	MicroRNA-128 expression not associated with glioma-associated epilepsy in WHO grades 2 glioma: Data from the Cancer Genome Atlas (TCGA) project. Epilepsy Research, 2017, 137, 119-120.	1.6	0
103	On factors impacting subharmonic aided pressure estimation (SHAPE). , 2017, , .		0
104	Notice of Removal: Improved selection of optimal acoustic output power for subharmonic aided pressure estimation of portal hypertension. , 2017, , .		0
105	Clavicle pain. Skeletal Radiology, 2018, 47, 889-890.	2.0	0
106	Clavicle pain. Skeletal Radiology, 2018, 47, 847-848.	2.0	0
107	Facial De-identification of Head CT Scans. Radiology, 2020, 296, 22-22.	7.3	0