Yinyan Wang

List of Publications by Year in descending order

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83 papers	2,828 citations	218677 26 h-index	197818 49 g-index
86 all docs	86 docs citations	86 times ranked	3413 citing authors

#	Article	IF	Citations
1	Epilepsy-related white matter network changes in patients with frontal lobe glioma. Journal of Neuroradiology, 2023, 50, 258-265.	1.1	6
2	Glioma-related epilepsy in patients with diffuse high-grade glioma after the 2016 WHO update: seizure characteristics, risk factors, and clinical outcomes. Journal of Neurosurgery, 2022, 136, 67-75.	1.6	15
3	Molecular subtyping of diffuse gliomas using magnetic resonance imaging: comparison and correlation between radiomics and deep learning. European Radiology, 2022, 32, 747-758.	4.5	31
4	Personalized <scp>fMRI</scp> Delineates Functional Regions Preserved within Brain Tumors. Annals of Neurology, 2022, 91, 353-366.	5.3	14
5	Decreasing Shortest Path Length of the Sensorimotor Network Induces Frontal Glioma-Related Epilepsy. Frontiers in Oncology, 2022, 12, 840871.	2.8	5
6	Microstructural changes of white matter fiber tracts induced by insular glioma revealed by tract-based spatial statistics and automatic fiber quantification. Scientific Reports, 2022, 12, 2685.	3.3	4
7	Topological Characteristics Associated with Intraoperative Stimulation Related Epilepsy of Glioma Patients: A DTI Network Study. Brain Sciences, 2022, 12, 60.	2.3	3
8	Contralesional Sensorimotor Network Participates in Motor Functional Compensation in Glioma Patients. Frontiers in Oncology, 2022, 12, 882313.	2.8	1
9	Increasing nodal vulnerability and nodal efficiency implied recovery time prolonging in patients with supplementary motor area syndrome. Human Brain Mapping, 2022, , .	3.6	3
10	Expression changes in ion channel and immunity genes are associated with glioma-related epilepsy in patients with diffuse gliomas. Journal of Cancer Research and Clinical Oncology, 2022, 148, 2793-2802.	2.5	2
11	Clinical practice guidelines for the management of adult diffuse gliomas. Cancer Letters, 2021, 499, 60-72.	7.2	194
12	Epilepsy enhance global efficiency of language networks in right temporal lobe gliomas. CNS Neuroscience and Therapeutics, 2021, 27, 363-371.	3.9	8
13	Classification of brain arteriovenous malformations located in motor-related areas based on location and anterior choroidal artery feeding. Stroke and Vascular Neurology, 2021, 6, 441-448.	3.3	2
14	Characteristic Alterations of Network in Patients With Intraoperative Stimulation-Induced Seizures During Awake Craniotomy. Frontiers in Neurology, 2021, 12, 602716.	2.4	5
15	New-Onset Postoperative Seizures in Patients With Diffuse Gliomas: A Risk Assessment Analysis. Frontiers in Neurology, 2021, 12, 682535.	2.4	3
16	Preoperative Radiomics Analysis of 1p/19q Status in WHO Grade II Gliomas. Frontiers in Oncology, 2021, 11, 616740.	2.8	8
17	Tumor location-based classification of surgery-related language impairments in patients with glioma. Journal of Neuro-Oncology, 2021, 155, 143-152.	2.9	11
18	Molecular subtype impacts surgical resection in low-grade gliomas: A Chinese Glioma Genome Atlas database analysis. Cancer Letters, 2021, 522, 14-21.	7.2	10

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19	Contralesional functional network reorganization of the insular cortex in diffuse low-grade glioma patients. Scientific Reports, 2021, 11, 623.	3.3	7
20	Ischemic Infarction of Pituitary Apoplexy: A Retrospective Study of 46 Cases From a Single Tertiary Center. Frontiers in Neuroscience, 2021, 15, 808111.	2.8	9
21	A Novel Sequence: ZOOMit-Blood Oxygen Level-Dependent for Motor-Cortex Localization. Neurosurgery, 2020, 86, E124-E132.	1.1	9
22	Motor cortex gliomas induces microstructural changes of large fiber tracts revealed by TBSS. Scientific Reports, 2020, 10, 16900.	3.3	4
23	Long-term efficacy of surgical resection with or without adjuvant therapy for treatment of secondary glioblastoma in adults. Neuro-Oncology Advances, 2020, 2, vdaa098.	0.7	4
24	Radiomics Analysis of Postoperative Epilepsy Seizures in Low-Grade Gliomas Using Preoperative MR Images. Frontiers in Oncology, 2020, 10, 1096.	2.8	11
25	Role of molecular biomarkers in glioma resection: a systematic review. Chinese Neurosurgical Journal, 2020, 6, 18.	0.9	9
26	Awake craniotomy for gliomas involving motor-related areas: classification and function recovery. Journal of Neuro-Oncology, 2020, 148, 317-325.	2.9	13
27	Predicting the Type of Tumor-Related Epilepsy in Patients With Low-Grade Gliomas: A Radiomics Study. Frontiers in Oncology, 2020, 10, 235.	2.8	19
28	Radiomics Features Predict Telomerase Reverse Transcriptase Promoter Mutations in World Health Organization Grade II Gliomas via a Machine-Learning Approach. Frontiers in Oncology, 2020, 10, 606741.	2.8	13
29	Association of tumor growth rates with molecular biomarker status: a longitudinal study of high-grade glioma. Aging, 2020, 12, 7908-7926.	3.1	6
30	Radiogenomic analysis of vascular endothelial growth factor in patients with diffuse gliomas. Cancer Imaging, 2019, 19, 68.	2.8	20
31	Radiogenomic analysis of PTEN mutation in glioblastoma using preoperative multi-parametric magnetic resonance imaging. Neuroradiology, 2019, 61, 1229-1237.	2.2	21
32	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
33	MR imaging based fractal analysis for differentiating primary CNS lymphoma and glioblastoma. European Radiology, 2019, 29, 1348-1354.	4.5	18
34	Comparison of Radiation Therapy Alone and Chemotherapy Alone for Low-Grade Gliomas without Surgical Resection. World Neurosurgery, 2019, 122, e108-e120.	1.3	5
35	IDH mutation-specific radiomic signature in lower-grade gliomas. Aging, 2019, 11, 673-696.	3.1	51
36	Genotype prediction of ATRX mutation in lower-grade gliomas using an MRI radiomics signature. European Radiology, 2018, 28, 2960-2968.	4.5	91

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37	Molecular and clinical characterization of IDH associated immune signature in lower-grade gliomas. OncoImmunology, 2018, 7, e1434466.	4.6	53
38	IDH1 mutation is associated with a higher preoperative seizure incidence in low-grade glioma: A systematic review and meta-analysis. Seizure: the Journal of the British Epilepsy Association, 2018, 55, 76-82.	2.0	38
39	Molecular profiles for insular low-grade gliomas with putamen involvement. Journal of Neuro-Oncology, 2018, 138, 659-666.	2.9	7
40	Clinical characteristics associated with postoperative seizure control in adult low-grade gliomas: a systematic review and meta-analysis. Neuro-Oncology, 2018, 20, 324-331.	1.2	32
41	MRI features predict p53 status in lower-grade gliomas via a machine-learning approach. NeuroImage: Clinical, 2018, 17, 306-311.	2.7	85
42	PD-1 related transcriptome profile and clinical outcome in diffuse gliomas. OncoImmunology, 2018, 7, e1382792.	4.6	37
43	Voxel-based comparison of brain glucose metabolism between patients with Cushing's disease and healthy subjects. NeuroImage: Clinical, 2018, 17, 354-358.	2.7	15
44	Regional specificity of 1p/19q co-deletion combined with radiological features for predicting the survival outcomes of anaplastic oligodendroglial tumor patients. Journal of Neuro-Oncology, 2018, 136, 523-531.	2.9	7
45	Prognostic value of a microRNA signature as a novel biomarker in patients with lower-grade gliomas. Journal of Neuro-Oncology, 2018, 137, 127-137.	2.9	66
46	A radiomic signature as a non-invasive predictor of progression-free survival in patients with lower-grade gliomas. NeuroImage: Clinical, 2018, 20, 1070-1077.	2.7	145
47	The prognostic value of maximal surgical resection is attenuated in oligodendroglioma subgroups of adult diffuse glioma: a multicenter retrospective study. Journal of Neuro-Oncology, 2018, 140, 591-603.	2.9	38
48	Assessment of care pattern and outcome in hemangioblastoma. Scientific Reports, 2018, 8, 11144.	3.3	13
49	Prognostic Factors in Clival Chordomas: An Integrated Analysis of 347 Patients. World Neurosurgery, 2018, 118, e375-e387.	1.3	18
50	Radiomics analysis allows for precise prediction of epilepsy in patients with low-grade gliomas. NeuroImage: Clinical, 2018, 19, 271-278.	2.7	67
51	Molecular profiles of tumor contrast enhancement: A radiogenomic analysis in anaplastic gliomas. Cancer Medicine, 2018, 7, 4273-4283.	2.8	9
52	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
53	Radiogenomics of lower-grade gliomas: a radiomic signature as a biological surrogate for survival prediction. Aging, 2018, 10, 2884-2899.	3.1	29
54	In Reply to the Letter to the Editor â€œTumor-Induced Brain Plasticity: Challenging Theories on the Neural Basis for Languageâ€• World Neurosurgery, 2017, 98, 845.	1.3	0

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55	Radiomic features predict Ki-67 expression level and survival in lower grade gliomas. Journal of Neuro-Oncology, 2017, 135, 317-324.	2.9	48
56	Relationship between necrotic patterns in glioblastoma and patient survival: fractal dimension and lacunarity analyses using magnetic resonance imaging. Scientific Reports, 2017, 7, 8302.	3.3	55
57	ADAM9 Expression Is Associate with Glioma Tumor Grade and Histological Type, and Acts as a Prognostic Factor in Lower-Grade Gliomas. International Journal of Molecular Sciences, 2016, 17, 1276.	4.1	27
58	Brain regions associated with telomerase reverse transcriptase promoter mutations in primary glioblastomas. Journal of Neuro-Oncology, 2016, 128, 455-462.	2.9	9
59	Human leukocyte antigen-G overexpression predicts poor clinical outcomes in low-grade gliomas. Journal of Neuroimmunology, 2016, 294, 27-31.	2.3	11
60	The Influence of Frontal Lobe Tumors and Surgical Treatment on Advanced Cognitive Functions. World Neurosurgery, 2016, 91, 340-346.	1.3	23
61	CGCG clinical practice guidelines for the management of adult diffuse gliomas. Cancer Letters, 2016, 375, 263-273.	7.2	448
62	Brain glucose metabolism is associated with hormone level in Cushing's disease: A voxel-based study using FDG-PET. NeuroImage: Clinical, 2016, 12, 415-419.	2.7	15
63	Putamen involvement and survival outcomes in patients with insular low-grade gliomas. Journal of Neurosurgery, 2016, 126, 1788-1794.	1.6	22
64	Identifying the association between contrast enhancement pattern, surgical resection, and prognosis in anaplastic glioma patients. Neuroradiology, 2016, 58, 367-374.	2.2	18
65	Classification based on mutations ofTERTpromoter andIDHcharacterizes subtypes in grade II/III gliomas. Neuro-Oncology, 2016, 18, 1099-1108.	1.2	93
66	Radiological features combined withIDH1status for predicting the survival outcome of glioblastoma patients. Neuro-Oncology, 2016, 18, 589-597.	1.2	48
67	Anatomical specificity of vascular endothelial growth factor expression in glioblastomas: a voxel-based mapping analysis. Neuroradiology, 2016, 58, 69-75.	2.2	8
68	Anatomical Involvement of the Subventricular Zone Predicts Poor Survival Outcome in Low-Grade Astrocytomas. PLoS ONE, 2016, 11, e0154539.	2.5	35
69	Radiation combined with temozolomide contraindicated for young adults diagnosed with anaplastic glioma. Oncotarget, 2016, 7, 80091-80100.	1.8	2
70	Identifying the Association of Contrast Enhancement with Vascular Endothelia Growth Factor Expression in Anaplastic Gliomas: A Volumetric Magnetic Resonance Imaging Analysis. PLoS ONE, 2015, 10, e0121380.	2.5	7
71	Identification of a 6-Cytokine Prognostic Signature in Patients with Primary Glioblastoma Harboring M2 Microglia/Macrophage Phenotype Relevance. PLoS ONE, 2015, 10, e0126022.	2.5	59
72	ALDH1A3: A Marker of Mesenchymal Phenotype in Gliomas Associated with Cell Invasion. PLoS ONE, 2015, 10, e0142856.	2.5	28

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73	Localizing seizure-susceptible brain regions associated with low-grade gliomas using voxel-based lesion-symptom mapping. Neuro-Oncology, 2015, 17, 282-288.	1.2	151
74	Deficiency of very large G-protein-coupled receptor-1 is a risk factor of tumor-related epilepsy: a whole transcriptome sequencing analysis. Journal of Neuro-Oncology, 2015, 121, 609-616.	2.9	16
75	Response to â€œAssociation of IDH1/2 mutation with preoperative seizure in low-grade gliomas: How strong is the evidence?â€• Epilepsy Research, 2015, 115, 145-146.	1.6	2
76	Tumor border sharpness correlates with HLA-G expression in low-grade gliomas. Journal of Neuroimmunology, 2015, 282, 1-6.	2.3	24
77	Age-associated brain regions in gliomas: a volumetric analysis. Journal of Neuro-Oncology, 2015, 123, 299-306.	2.9	13
78	IDH mutation and MGMT promoter methylation in glioblastoma: results of a prospective registry. Oncotarget, 2015, 6, 40896-40906.	1.8	116
79	Anatomical specificity of O6-methylguanine DNA methyltransferase protein expression in glioblastomas. Journal of Neuro-Oncology, 2014, 120, 331-337.	2.9	21
80	Identifying radiographic specificity for phosphatase and tensin homolog and epidermal growth factor receptor changes: a quantitative analysis of glioblastomas. Neuroradiology, 2014, 56, 1113-1120.	2.2	7
81	Correlation of preoperative seizures with clinicopathological factors and prognosis in anaplastic gliomas: A report of 198 patients from China. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 844-851.	2.0	39
82	Anatomical localization of p53 mutated tumors: A radiographic study of human glioblastomas. Journal of the Neurological Sciences, 2014, 346, 94-98.	0.6	8
83	Multidimensional analysis of gene expression reveals TGFB1I1-induced EMT contributes to malignant progression of astrocytomas. Oncotarget, 2014, 5, 12593-12606.	1.8	36