

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
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86
all docs

86
docs citations

86
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	CGCG clinical practice guidelines for the management of adult diffuse gliomas. <i>Cancer Letters</i> , 2016, 375, 263-273.	7.2	448
2	Clinical practice guidelines for the management of adult diffuse gliomas. <i>Cancer Letters</i> , 2021, 499, 60-72.	7.2	194
3	Localizing seizure-susceptible brain regions associated with low-grade gliomas using voxel-based lesion-symptom mapping. <i>Neuro-Oncology</i> , 2015, 17, 282-288.	1.2	151
4	A radiomic signature as a non-invasive predictor of progression-free survival in patients with lower-grade gliomas. <i>NeuroImage: Clinical</i> , 2018, 20, 1070-1077.	2.7	145
5	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
6	IDH mutation and MGMT promoter methylation in glioblastoma: results of a prospective registry. <i>Oncotarget</i> , 2015, 6, 40896-40906.	1.8	116
7	Classification based on mutations of <i>TERT</i> promoter and <i>IDH</i> characterizes subtypes in grade II/III gliomas. <i>Neuro-Oncology</i> , 2016, 18, 1099-1108.	1.2	93
8	Genotype prediction of ATRX mutation in lower-grade gliomas using an MRI radiomics signature. <i>European Radiology</i> , 2018, 28, 2960-2968.	4.5	91
9	MRI features predict p53 status in lower-grade gliomas via a machine-learning approach. <i>NeuroImage: Clinical</i> , 2018, 17, 306-311.	2.7	85
10	Radiomics analysis allows for precise prediction of epilepsy in patients with low-grade gliomas. <i>NeuroImage: Clinical</i> , 2018, 19, 271-278.	2.7	67
11	Prognostic value of a microRNA signature as a novel biomarker in patients with lower-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 137, 127-137.	2.9	66
12	Identification of a 6-Cytokine Prognostic Signature in Patients with Primary Glioblastoma Harboring M2 Microglia/Macrophage Phenotype Relevance. <i>PLoS ONE</i> , 2015, 10, e0126022.	2.5	59
13	Relationship between necrotic patterns in glioblastoma and patient survival: fractal dimension and lacunarity analyses using magnetic resonance imaging. <i>Scientific Reports</i> , 2017, 7, 8302.	3.3	55
14	Molecular and clinical characterization of IDH associated immune signature in lower-grade gliomas. <i>Oncolmmunology</i> , 2018, 7, e1434466.	4.6	53
15	IDH mutation-specific radiomic signature in lower-grade gliomas. <i>Aging</i> , 2019, 11, 673-696.	3.1	51
16	Radiological features combined with <i>IDH1</i> status for predicting the survival outcome of glioblastoma patients. <i>Neuro-Oncology</i> , 2016, 18, 589-597.	1.2	48
17	Radiomic features predict Ki-67 expression level and survival in lower grade gliomas. <i>Journal of Neuro-Oncology</i> , 2017, 135, 317-324.	2.9	48
18	Correlation of preoperative seizures with clinicopathological factors and prognosis in anaplastic gliomas: A report of 198 patients from China. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 844-851.	2.0	39

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19	IDH1 mutation is associated with a higher preoperative seizure incidence in low-grade glioma: A systematic review and meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 55, 76-82.	2.0	38
20	The prognostic value of maximal surgical resection is attenuated in oligodendroglioma subgroups of adult diffuse glioma: a multicenter retrospective study. <i>Journal of Neuro-Oncology</i> , 2018, 140, 591-603.	2.9	38
21	PD-1 related transcriptome profile and clinical outcome in diffuse gliomas. <i>Oncolmmunology</i> , 2018, 7, e1382792.	4.6	37
22	Multidimensional analysis of gene expression reveals TGFB111-induced EMT contributes to malignant progression of astrocytomas. <i>Oncotarget</i> , 2014, 5, 12593-12606.	1.8	36
23	Anatomical Involvement of the Subventricular Zone Predicts Poor Survival Outcome in Low-Grade Astrocytomas. <i>PLoS ONE</i> , 2016, 11, e0154539.	2.5	35
24	Clinical characteristics associated with postoperative seizure control in adult low-grade gliomas: a systematic review and meta-analysis. <i>Neuro-Oncology</i> , 2018, 20, 324-331.	1.2	32
25	Molecular subtyping of diffuse gliomas using magnetic resonance imaging: comparison and correlation between radiomics and deep learning. <i>European Radiology</i> , 2022, 32, 747-758.	4.5	31
26	Radiogenomics of lower-grade gliomas: a radiomic signature as a biological surrogate for survival prediction. <i>Aging</i> , 2018, 10, 2884-2899.	3.1	29
27	ALDH1A3: A Marker of Mesenchymal Phenotype in Gliomas Associated with Cell Invasion. <i>PLoS ONE</i> , 2015, 10, e0142856.	2.5	28
28	ADAM9 Expression Is Associate with Glioma Tumor Grade and Histological Type, and Acts as a Prognostic Factor in Lower-Grade Gliomas. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1276.	4.1	27
29	Tumor border sharpness correlates with HLA-G expression in low-grade gliomas. <i>Journal of Neuroimmunology</i> , 2015, 282, 1-6.	2.3	24
30	The Influence of Frontal Lobe Tumors and Surgical Treatment on Advanced Cognitive Functions. <i>World Neurosurgery</i> , 2016, 91, 340-346.	1.3	23
31	Putamen involvement and survival outcomes in patients with insular low-grade gliomas. <i>Journal of Neurosurgery</i> , 2016, 126, 1788-1794.	1.6	22
32	Anatomical specificity of O6-methylguanine DNA methyltransferase protein expression in glioblastomas. <i>Journal of Neuro-Oncology</i> , 2014, 120, 331-337.	2.9	21
33	Radiogenomic analysis of PTEN mutation in glioblastoma using preoperative multi-parametric magnetic resonance imaging. <i>Neuroradiology</i> , 2019, 61, 1229-1237.	2.2	21
34	Radiogenomic analysis of vascular endothelial growth factor in patients with diffuse gliomas. <i>Cancer Imaging</i> , 2019, 19, 68.	2.8	20
35	Predicting the Type of Tumor-Related Epilepsy in Patients With Low-Grade Gliomas: A Radiomics Study. <i>Frontiers in Oncology</i> , 2020, 10, 235.	2.8	19
36	Identifying the association between contrast enhancement pattern, surgical resection, and prognosis in anaplastic glioma patients. <i>Neuroradiology</i> , 2016, 58, 367-374.	2.2	18

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37	Prognostic Factors in Clival Chordomas: An Integrated Analysis of 347 Patients. <i>World Neurosurgery</i> , 2018, 118, e375-e387.	1.3	18
38	MR imaging based fractal analysis for differentiating primary CNS lymphoma and glioblastoma. <i>European Radiology</i> , 2019, 29, 1348-1354.	4.5	18
39	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
40	Deficiency of very large G-protein-coupled receptor-1 is a risk factor of tumor-related epilepsy: a whole transcriptome sequencing analysis. <i>Journal of Neuro-Oncology</i> , 2015, 121, 609-616.	2.9	16
41	Brain glucose metabolism is associated with hormone level in Cushing's disease: A voxel-based study using FDG-PET. <i>NeuroImage: Clinical</i> , 2016, 12, 415-419.	2.7	15
42	Voxel-based comparison of brain glucose metabolism between patients with Cushing's disease and healthy subjects. <i>NeuroImage: Clinical</i> , 2018, 17, 354-358.	2.7	15
43	Glioma-related epilepsy in patients with diffuse high-grade glioma after the 2016 WHO update: seizure characteristics, risk factors, and clinical outcomes. <i>Journal of Neurosurgery</i> , 2022, 136, 67-75.	1.6	15
44	Personalized fMRI Delineates Functional Regions Preserved within Brain Tumors. <i>Annals of Neurology</i> , 2022, 91, 353-366.	5.3	14
45	Age-associated brain regions in gliomas: a volumetric analysis. <i>Journal of Neuro-Oncology</i> , 2015, 123, 299-306.	2.9	13
46	Assessment of care pattern and outcome in hemangioblastoma. <i>Scientific Reports</i> , 2018, 8, 11144.	3.3	13
47	Awake craniotomy for gliomas involving motor-related areas: classification and function recovery. <i>Journal of Neuro-Oncology</i> , 2020, 148, 317-325.	2.9	13
48	Radiomics Features Predict Telomerase Reverse Transcriptase Promoter Mutations in World Health Organization Grade II Gliomas via a Machine-Learning Approach. <i>Frontiers in Oncology</i> , 2020, 10, 606741.	2.8	13
49	Human leukocyte antigen-G overexpression predicts poor clinical outcomes in low-grade gliomas. <i>Journal of Neuroimmunology</i> , 2016, 294, 27-31.	2.3	11
50	Radiomics Analysis of Postoperative Epilepsy Seizures in Low-Grade Gliomas Using Preoperative MR Images. <i>Frontiers in Oncology</i> , 2020, 10, 1096.	2.8	11
51	Tumor location-based classification of surgery-related language impairments in patients with glioma. <i>Journal of Neuro-Oncology</i> , 2021, 155, 143-152.	2.9	11
52	Molecular subtype impacts surgical resection in low-grade gliomas: A Chinese Glioma Genome Atlas database analysis. <i>Cancer Letters</i> , 2021, 522, 14-21.	7.2	10
53	Brain regions associated with telomerase reverse transcriptase promoter mutations in primary glioblastomas. <i>Journal of Neuro-Oncology</i> , 2016, 128, 455-462.	2.9	9
54	Molecular profiles of tumor contrast enhancement: A radiogenomic analysis in anaplastic gliomas. <i>Cancer Medicine</i> , 2018, 7, 4273-4283.	2.8	9

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55	A Novel Sequence: ZOOMit-Blood Oxygen Level-Dependent for Motor-Cortex Localization. <i>Neurosurgery</i> , 2020, 86, E124-E132.	1.1	9
56	Role of molecular biomarkers in glioma resection: a systematic review. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 18.	0.9	9
57	Ischemic Infarction of Pituitary Apoplexy: A Retrospective Study of 46 Cases From a Single Tertiary Center. <i>Frontiers in Neuroscience</i> , 2021, 15, 808111.	2.8	9
58	Anatomical localization of p53 mutated tumors: A radiographic study of human glioblastomas. <i>Journal of the Neurological Sciences</i> , 2014, 346, 94-98.	0.6	8
59	Anatomical specificity of vascular endothelial growth factor expression in glioblastomas: a voxel-based mapping analysis. <i>Neuroradiology</i> , 2016, 58, 69-75.	2.2	8
60	Epilepsy enhance global efficiency of language networks in right temporal lobe gliomas. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 363-371.	3.9	8
61	Preoperative Radiomics Analysis of 1p/19q Status in WHO Grade II Gliomas. <i>Frontiers in Oncology</i> , 2021, 11, 616740.	2.8	8
62	Identifying radiographic specificity for phosphatase and tensin homolog and epidermal growth factor receptor changes: a quantitative analysis of glioblastomas. <i>Neuroradiology</i> , 2014, 56, 1113-1120.	2.2	7
63	Identifying the Association of Contrast Enhancement with Vascular Endothelia Growth Factor Expression in Anaplastic Gliomas: A Volumetric Magnetic Resonance Imaging Analysis. <i>PLoS ONE</i> , 2015, 10, e0121380.	2.5	7
64	Molecular profiles for insular low-grade gliomas with putamen involvement. <i>Journal of Neuro-Oncology</i> , 2018, 138, 659-666.	2.9	7
65	Regional specificity of 1p/19q co-deletion combined with radiological features for predicting the survival outcomes of anaplastic oligodendroglial tumor patients. <i>Journal of Neuro-Oncology</i> , 2018, 136, 523-531.	2.9	7
66	Contralesional functional network reorganization of the insular cortex in diffuse low-grade glioma patients. <i>Scientific Reports</i> , 2021, 11, 623.	3.3	7
67	Association of tumor growth rates with molecular biomarker status: a longitudinal study of high-grade glioma. <i>Aging</i> , 2020, 12, 7908-7926.	3.1	6
68	Epilepsy-related white matter network changes in patients with frontal lobe glioma. <i>Journal of Neuroradiology</i> , 2023, 50, 258-265.	1.1	6
69	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
70	Characteristic Alterations of Network in Patients With Intraoperative Stimulation-Induced Seizures During Awake Craniotomy. <i>Frontiers in Neurology</i> , 2021, 12, 602716.	2.4	5
71	Decreasing Shortest Path Length of the Sensorimotor Network Induces Frontal Glioma-Related Epilepsy. <i>Frontiers in Oncology</i> , 2022, 12, 840871.	2.8	5
72	Motor cortex gliomas induces microstructural changes of large fiber tracts revealed by TBSS. <i>Scientific Reports</i> , 2020, 10, 16900.	3.3	4

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73	Long-term efficacy of surgical resection with or without adjuvant therapy for treatment of secondary glioblastoma in adults. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa098.	0.7	4
74	Microstructural changes of white matter fiber tracts induced by insular glioma revealed by tract-based spatial statistics and automatic fiber quantification. <i>Scientific Reports</i> , 2022, 12, 2685.	3.3	4
75	New-Onset Postoperative Seizures in Patients With Diffuse Gliomas: A Risk Assessment Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 682535.	2.4	3
76	Topological Characteristics Associated with Intraoperative Stimulation Related Epilepsy of Glioma Patients: A DTI Network Study. <i>Brain Sciences</i> , 2022, 12, 60.	2.3	3
77	Increasing nodal vulnerability and nodal efficiency implied recovery time prolonging in patients with supplementary motor area syndrome. <i>Human Brain Mapping</i> , 2022, , .	3.6	3
78	Response to "Association of IDH1/2 mutation with preoperative seizure in low-grade gliomas: How strong is the evidence?" <i>Epilepsy Research</i> , 2015, 115, 145-146.	1.6	2
79	Classification of brain arteriovenous malformations located in motor-related areas based on location and anterior choroidal artery feeding. <i>Stroke and Vascular Neurology</i> , 2021, 6, 441-448.	3.3	2
80	Radiation combined with temozolomide contraindicated for young adults diagnosed with anaplastic glioma. <i>Oncotarget</i> , 2016, 7, 80091-80100.	1.8	2
81	Expression changes in ion channel and immunity genes are associated with glioma-related epilepsy in patients with diffuse gliomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2793-2802.	2.5	2
82	Contralesional Sensorimotor Network Participates in Motor Functional Compensation in Glioma Patients. <i>Frontiers in Oncology</i> , 2022, 12, 882313.	2.8	1
83	In Reply to the Letter to the Editor "Tumor-Induced Brain Plasticity: Challenging Theories on the Neural Basis for Language" <i>World Neurosurgery</i> , 2017, 98, 845.	1.3	0