

Jinsong Wu

List of Publications by Year in descending order

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75
papers

2,002
citations

218381

26
h-index

276539

41
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82
all docs

82
docs citations

82
times ranked

3009
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult IDH wild-type lower-grade gliomas should be further stratified. <i>Neuro-Oncology</i> , 2017, 19, 1327-1337.	0.6	177
2	Multi-Channel 3D Deep Feature Learning for Survival Time Prediction of Brain Tumor Patients Using Multi-Modal Neuroimages. <i>Scientific Reports</i> , 2019, 9, 1103.	1.6	133
3	Temporal circuit of macroscale dynamic brain activity supports human consciousness. <i>Science Advances</i> , 2020, 6, eaaz0087.	4.7	119
4	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , 2016, 124, 693-703.	2.1	79
5	The relationship between Cho/NAA and glioma metabolism: implementation for margin delineation of cerebral gliomas. <i>Acta Neurochirurgica</i> , 2012, 154, 1361-1370.	0.9	71
6	Altered temporal variance and neural synchronization of spontaneous brain activity in anesthesia. <i>Human Brain Mapping</i> , 2014, 35, 5368-5378.	1.9	63
7	Awake language mapping and 3-Tesla intraoperative MRI-guided volumetric resection for gliomas in language areas. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1280-1287.	0.8	61
8	Breakdown in the temporal and spatial organization of spontaneous brain activity during general anesthesia. <i>Human Brain Mapping</i> , 2018, 39, 2035-2046.	1.9	57
9	Artificial intelligence neuropathologist for glioma classification using deep learning on hematoxylin and eosin stained slide images and molecular markers. <i>Neuro-Oncology</i> , 2021, 23, 44-52.	0.6	57
10	Deep Learning of Imaging Phenotype and Genotype for Predicting Overall Survival Time of Glioblastoma Patients. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2100-2109.	5.4	56
11	Noninvasively detecting <i>isocitrate dehydrogenase 1</i> gene status in astrocytoma by dynamic susceptibility contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 492-499.	1.9	55
12	Reorganization of cerebro-cerebellar circuit in patients with left hemispheric gliomas involving language network: A combined structural and resting-state functional MRI study. <i>Human Brain Mapping</i> , 2018, 39, 4802-4819.	1.9	51
13	Clinical practice guidelines for the diagnosis and treatment of adult diffuse glioma-related epilepsy. <i>Cancer Medicine</i> , 2019, 8, 4527-4535.	1.3	46
14	An automated method for identifying an independent component analysis-based language-related resting-state network in brain tumor subjects for surgical planning. <i>Scientific Reports</i> , 2017, 7, 13769.	1.6	45
15	Biomarker-based prognostic stratification of young adult glioblastoma. <i>Oncotarget</i> , 2016, 7, 5030-5041.	0.8	45
16	Common variants at 10p12.31, 10q21.1 and 13q12.13 are associated with sporadic pituitary adenoma. <i>Nature Genetics</i> , 2015, 47, 793-797.	9.4	43
17	Functional maps of direct electrical stimulation-induced speech arrest and anomia: a multicentre retrospective study. <i>Brain</i> , 2021, 144, 2541-2553.	3.7	43
18	Alteration of the Intra- and Cross- Hemisphere Posterior Default Mode Network in Frontal Lobe Glioma Patients. <i>Scientific Reports</i> , 2016, 6, 26972.	1.6	40

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19	Disrupted neural variability during propofol-induced sedation and unconsciousness. <i>Human Brain Mapping</i> , 2018, 39, 4533-4544.	1.9	37
20	Overall survival time prediction for high-grade glioma patients based on large-scale brain functional networks. <i>Brain Imaging and Behavior</i> , 2019, 13, 1333-1351.	1.1	37
21	Direct evidence from intraoperative electrocortical stimulation indicates shared and distinct speech production center between Chinese and English languages. <i>Human Brain Mapping</i> , 2015, 36, 4972-4985.	1.9	36
22	Human cortical encoding of pitch in tonal and non-tonal languages. <i>Nature Communications</i> , 2021, 12, 1161.	5.8	36
23	Resting-state functional connectivity predicts individual language impairment of patients with left hemispheric gliomas involving language network. <i>NeuroImage: Clinical</i> , 2019, 24, 102023.	1.4	34
24	Imaging characteristics of adult H3 K27M-mutant gliomas. <i>Journal of Neurosurgery</i> , 2020, 133, 1662-1670.	0.9	32
25	Real-Time Motor Cortex Mapping for the Safe Resection of Glioma: An Intraoperative Resting-State fMRI Study. <i>American Journal of Neuroradiology</i> , 2017, 38, 2146-2152.	1.2	30
26	Application of 256-channel dense array electroencephalographic source imaging in presurgical workup of temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 108-116.	0.7	29
27	Tumor grade-related language and control network reorganization in patients with left cerebral glioma. <i>Cortex</i> , 2020, 129, 141-157.	1.1	28
28	MicroRNA-206 Inhibited the Progression of Glioblastoma Through BCL-2. <i>Journal of Molecular Neuroscience</i> , 2016, 60, 531-538.	1.1	27
29	Transcortical insular glioma resection: clinical outcome and predictors. <i>Journal of Neurosurgery</i> , 2019, 131, 706-716.	0.9	26
30	Tumor Tissue Detection using Blood-Oxygen-Level-Dependent Functional MRI based on Independent Component Analysis. <i>Scientific Reports</i> , 2018, 8, 1223.	1.6	25
31	Multi-Label Nonlinear Matrix Completion With Transductive Multi-Task Feature Selection for Joint MGMT and IDH1 Status Prediction of Patient With High-Grade Gliomas. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1775-1787.	5.4	25
32	Proteomic analysis of prolactinoma cells by immuno-laser capture microdissection combined with online two-dimensional nano-scale liquid chromatography/mass spectrometry. <i>Proteome Science</i> , 2010, 8, 2.	0.7	24
33	Not all 1p/19q non-codeleted oligodendroglial tumors are astrocytic. <i>Oncotarget</i> , 2016, 7, 64615-64630.	0.8	22
34	3D-ASL perfusion correlates with VEGF expression and overall survival in glioma patients: Comparison of quantitative perfusion and pathology on accurate spatial location-matched basis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 209-220.	1.9	21
35	BRAF V600E, TERT, and IDH2 Mutations in Pleomorphic Xanthoastrocytoma: Observations from a Large Case-Series Study. <i>World Neurosurgery</i> , 2018, 120, e1225-e1233.	0.7	16
36	Predicting Cerebral Hyperperfusion Syndrome Following Superficial Temporal Artery to Middle Cerebral Artery Bypass based on Intraoperative Perfusion-Weighted Magnetic Resonance Imaging. <i>Scientific Reports</i> , 2015, 5, 14140.	1.6	15

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37	Probabilistic map of language regions: challenge and implication. <i>Brain</i> , 2015, 138, e337-e337.	3.7	13
38	A nomogram for individualized prediction of overall survival in patients with newly diagnosed glioblastoma: a real-world retrospective cohort study. <i>BMC Surgery</i> , 2021, 21, 238.	0.6	13
39	Pan-cancer analysis of non-coding transcripts reveals the prognostic onco-lncRNA HOXA10-AS in gliomas. <i>Cell Reports</i> , 2021, 37, 109873.	2.9	13
40	Distinct spatiotemporal patterns of syntactic and semantic processing in human inferior frontal gyrus. <i>Nature Human Behaviour</i> , 2022, 6, 1104-1111.	6.2	13
41	Accurate source imaging based on high resolution scalp electroencephalography and individualized finite difference head models in epilepsy pre-surgical workup. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 59, 126-131.	0.9	12
42	Particle radiation therapy in the management of malignant glioma: Early experience at the Shanghai Proton and Heavy Ion Center. <i>Cancer</i> , 2020, 126, 2802-2810.	2.0	12
43	The clinical utility of multimodal MR image-guided needle biopsy in cerebral gliomas. <i>International Journal of Neuroscience</i> , 2016, 126, 53-61.	0.8	11
44	Multi-label Inductive Matrix Completion for Joint MGMT and IDH1 Status Prediction for Glioma Patients. <i>Lecture Notes in Computer Science</i> , 2017, 10434, 450-458.	1.0	10
45	Long-Term Functional and Oncologic Outcomes of Glioma Surgery with and without Intraoperative Neurophysiologic Monitoring: A Retrospective Cohort Study in a Single Center. <i>World Neurosurgery</i> , 2018, 119, e94-e105.	0.7	9
46	Intraoperative Cognitive Mapping Tasks for Direct Electrical Stimulation in Clinical and Neuroscientific Contexts. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 612891.	1.0	9
47	Safety of slow-pulsed transcranial electrical stimulation in acute spike suppression. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2579-2585.	1.7	8
48	The Analysis of Risk Factors and Survival Outcome for Chinese Patients with Epilepsy with High-Grade Glioma. <i>World Neurosurgery</i> , 2019, 125, e947-e957.	0.7	8
49	Multivariate machine learning-based language mapping in glioma patients based on lesion topography. <i>Brain Imaging and Behavior</i> , 2021, 15, 2552-2562.	1.1	8
50	Where is the speech production area? Evidence from direct cortical electrical stimulation mapping. <i>Brain</i> , 2021, 144, e61-e61.	3.7	7
51	A nonrigid registration method for correcting brain deformation induced by tumor resection. <i>Medical Physics</i> , 2014, 41, 101710.	1.6	6
52	Personalized Multimodal Demarcation of Peritumoral Tissue in Glioma. <i>JCO Precision Oncology</i> , 2020, 4, 1128-1140.	1.5	6
53	A Novel Intraoperative Brain Mapping Integrated Task-Presentation Platform. <i>Operative Neurosurgery</i> , 2021, 20, 477-483.	0.4	6
54	Impact of a pandemic on surgical neuro-oncology—maintaining functionality in the early phase of crisis. <i>BMC Surgery</i> , 2021, 21, 40.	0.6	6

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55	Functional near-infrared spectroscopy for intraoperative brain mapping. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	6
56	Longitudinal assessment of network reorganizations and language recovery in postoperative patients with glioma. <i>Brain Communications</i> , 2022, 4, fcac046.	1.5	6
57	Comprehensive preoperative work-up and surgical treatment of low grade tumor/benign lesion related temporal lobe epilepsy. <i>Journal of Clinical Neuroscience</i> , 2017, 39, 203-208.	0.8	5
58	Multivoxel magnetic resonance spectroscopy identifies enriched foci of cancer stem-like cells in high-grade gliomas. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 195-203.	1.0	5
59	Combination of Magnetic Resonance Spectroscopy and ¹¹ C-Methionine Positron Emission Tomography for the Accurate Diagnosis of Non-Enhancing Supratentorial Glioma. <i>Korean Journal of Radiology</i> , 2019, 20, 967.	1.5	5
60	Augment low-field intra-operative MRI with preoperative MRI using a hybrid non-rigid registration method. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 117, 114-124.	2.6	3
61	Awake Transcortical Approach Resection of Dominant Posterior Cingulate Gyrus Glioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E19-E20.	0.4	3
62	Inflammatory Demyelinating Lesions: True Sentinel Lesion or Immune-Mediated Response to Lymphoma?. <i>World Neurosurgery</i> , 2021, 145, 172-177.	0.7	3
63	Clinical applications of neurolinguistics in neurosurgery. <i>Frontiers of Medicine</i> , 2021, 15, 562-574.	1.5	3
64	Mesial temporal extraventricular neurocytoma: a rare cause of refractory complex partial seizure. <i>Epileptic Disorders</i> , 2014, 16, 125-131.	0.7	2
65	Oligodendrogliomas in pediatric and teenage patients only rarely exhibit molecular markers and patients have excellent survivals. <i>Journal of Neuro-Oncology</i> , 2018, 139, 307-322.	1.4	2
66	Temporoinsular Glioma Resection under Awake Mapping: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E54-E54.	0.4	2
67	Surgical Extraction of Cerebral Sparganosis: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 600-600.	0.4	1
68	Infraoccipital Supratentorial Approach Resection of a Left Mesiotemporal and Atrium Epidermoid Cyst. <i>World Neurosurgery</i> , 2021, 146, 307.	0.7	1
69	Electrical stimulation-induced speech-related negative motor responses in the lateral frontal cortex. <i>Journal of Neurosurgery</i> , 2021, , 1-9.	0.9	1
70	Awake Brain Mapping in Dominant Side Insular Glioma Surgery: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 477-477.	0.4	0
71	Perioperative Multimodal Evaluation and Surgical Tactics of Tumor-Related Epilepsy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E55-E56.	0.4	0
72	Hemodynamic Scaling of Task-Induced Signal Changes in Tumor Subjects. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 569463.	1.0	0

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73	The basal turning point of optic radiation (bTPOR): The location of optic radiation in the cerebral basal surface. <i>Clinical Neurology and Neurosurgery</i> , 2021, 203, 106562.	0.6	0
74	NCOG-14. REAL-WORLD RETROSPECTIVE ANALYSIS OF TUMOR TREATING FIELDS IN THE TREATMENT OF HIGH-GRADE GLIOMA BASED ON CHINESE POPULATION. <i>Neuro-Oncology</i> , 2021, 23, vi154-vi155.	0.6	0
75	Application of 3.0T intraoperative high-field magnetic resonance imaging guidance for the surgery of arteriovenous malformation within eloquent areas. <i>Chinese Medical Journal</i> , 2014, 127, 1180-2.	0.9	0