

# Liangfu Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,628  
citations

279798

23  
h-index

315739

38  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsurgical treatment of posterior inferior cerebellar aneurysms based on angioarchitecture supplemented by high-resolution vessel wall MRI: a case series report. <i>Stroke and Vascular Neurology</i> , 2022, , svn-2021-001115.	3.3	1
2	HDAC inhibition reduces white matter injury after intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 958-974.	4.3	37
3	Molecular subgrouping of medulloblastoma based on few-shot learning of multitasking using conventional MR images: a retrospective multicenter study. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa079.	0.7	5
4	Enhanced B7-H4 expression in gliomas with low PD-L1 expression identifies super-cold tumors. , 2020, 8, e000154.		23
5	Trends of Intra-Cranial Bacterial Infection in Patients Requiring Emergency Neurosurgery. <i>Surgical Infections</i> , 2020, 21, 677-683.	1.4	5
6	Protein profiling of cerebrospinal fluid from patients undergoing vestibular schwannoma surgery and clinical significance. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108985.	5.6	11
7	Validation of Wall Enhancement as a New Imaging Biomarker of Unruptured Cerebral Aneurysm. <i>Stroke</i> , 2019, 50, 1570-1573.	2.0	69
8	TMIC-11. ENHANCED B7-H4 EXPRESSION IN GLIOMAS WITH LOW PD-L1 EXPRESSION IDENTIFIES COLD TUMORS. <i>Neuro-Oncology</i> , 2019, 21, vi249-vi249.	1.2	0
9	Functional near-infrared spectroscopy for intraoperative brain mapping. <i>Neurophotonics</i> , 2019, 6, 1.	3.3	6
10	The utility of "low current" stimulation threshold of intraoperative electromyography monitoring in predicting facial nerve function outcome after vestibular schwannoma surgery: a prospective cohort study of 103 large tumors. <i>Journal of Neuro-Oncology</i> , 2018, 138, 383-390.	2.9	11
11	Cerebral ischemia induces angiogenesis in the peri-infarct regions via Notch1 signaling activation. <i>Experimental Neurology</i> , 2018, 304, 30-40.	4.1	32
12	A Comprehensive Procedure to Evaluate the <em>In Vitro</em> Performance of the Putative Hemangioblastoma Neovascularization Using the Spheroid Sprouting Assay. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
13	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
14	Molecular subgroups and B7-H4 expression levels predict responses to dendritic cell vaccines in glioblastoma: an exploratory randomized phase II clinical trial. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1777-1788.	4.2	67
15	Histone Deacetylase Inhibitor Scriptaid Alleviated Neurological Dysfunction after Experimental Intracerebral Hemorrhage in Mice. <i>Behavioural Neurology</i> , 2018, 2018, 1-8.	2.1	11
16	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.	2.9	2
17	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.	3.6	51
18	Identification of recurrent USP48 and BRAF mutations in Cushing's disease. <i>Nature Communications</i> , 2018, 9, 3171.	12.8	106

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19	Pediatric low-grade gliomas can be molecularly stratified for risk. <i>Acta Neuropathologica</i> , 2018, 136, 641-655.	7.7	36
20	Complications and Management of Large Intracranial Vestibular Schwannomas Via the Retrosigmoid Approach. <i>World Neurosurgery</i> , 2017, 99, 326-335.	1.3	36
21	FVIIa prevents the progressive hemorrhaging of a brain contusion by protecting microvessels via formation of the TFâ€“FVIIaâ€“FXa complex. <i>Neuroscience</i> , 2017, 348, 114-125.	2.3	11
22	Germline Mutations in CDH23, Encoding Cadherin-Related 23, Are Associated with Both Familial and Sporadic Pituitary Adenomas. <i>American Journal of Human Genetics</i> , 2017, 100, 817-823.	6.2	57
23	The kinesin KIF14 is overexpressed in medulloblastoma and downregulation of KIF14 suppressed tumor proliferation and induced apoptosis. <i>Laboratory Investigation</i> , 2017, 97, 946-961.	3.7	24
24	Glioma groups classified by IDH and TERT promoter mutations remain stable among primary and recurrent gliomas. <i>Neuro-Oncology</i> , 2017, 19, 1008-1010.	1.2	12
25	Adult IDH wild-type lower-grade gliomas should be further stratified. <i>Neuro-Oncology</i> , 2017, 19, 1327-1337.	1.2	177
26	Neuroprotective effects respond to cerebral ischemia without susceptibility to HBâ€“tumorigenesis in VHL heterozygous knockout mice. <i>Molecular Carcinogenesis</i> , 2017, 56, 2342-2351.	2.7	2
27	Whole exome sequencing identified genetic variations in Chinese hemangioblastoma patients. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 2605-2613.	1.2	14
28	In Reply to the Letter to the Editor â€œCircumventricular Organ Origin of Hemangioblastoma; Hypothesis for Pathogenesis of Diseaseâ€“ <i>World Neurosurgery</i> , 2017, 108, 983-984.	1.3	0
29	Not all 1p/19q non-codeleted oligodendroglial tumors are astrocytic. <i>Oncotarget</i> , 2016, 7, 64615-64630.	1.8	22
30	The clinical utility of multimodal MR image-guided needle biopsy in cerebral gliomas. <i>International Journal of Neuroscience</i> , 2016, 126, 53-61.	1.6	11
31	CD41 and CD45 expression marks the angiogenic initiation of neovascularisation in human haemangioblastoma. <i>Tumor Biology</i> , 2016, 37, 3765-3774.	1.8	11
32	Effectiveness of 2-methoxyestradiol in alleviating angiogenesis induced by intracranial venous hypertension. <i>Journal of Neurosurgery</i> , 2016, 125, 746-753.	1.6	11
33	B7-H4(B7x)â€“Mediated Cross-talk between Glioma-Initiating Cells and Macrophages via the IL6/JAK/STAT3 Pathway Lead to Poor Prognosis in Glioma Patients. <i>Clinical Cancer Research</i> , 2016, 22, 2778-2790.	7.0	128
34	Application of 256-channel dense array electroencephalographic source imaging in presurgical workup of temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 108-116.	1.5	29
35	Genetic variations in the homologous recombination repair pathway genes modify risk of glioma. <i>Journal of Neuro-Oncology</i> , 2016, 126, 11-17.	2.9	10
36	Diagnosis and Management of Combined Central Diabetes Insipidus and Cerebral Salt Wasting Syndrome After Traumatic Brain Injury. <i>World Neurosurgery</i> , 2016, 88, 483-487.	1.3	18

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37	Biomarker-based prognostic stratification of young adult glioblastoma. <i>Oncotarget</i> , 2016, 7, 5030-5041.	1.8	45
38	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.	3.6	36
39	Combination genetic signature stratifies lower-grade gliomas better than histological grade. <i>Oncotarget</i> , 2015, 6, 20885-20901.	1.8	42
40	Common variants at 10p12.31, 10q21.1 and 13q12.13 are associated with sporadic pituitary adenoma. <i>Nature Genetics</i> , 2015, 47, 793-797.	21.4	43
41	MB-04 * EXPRESSION OF CRMP1 INHIBITS CELL PROLIFERATION OF MEDULLOBLASTOMA AND IS REGULATED BY HMGA1. <i>Neuro-Oncology</i> , 2015, 17, iii20-iii20.	1.2	0
42	Prevalence of severe hypokalaemia in patients with traumatic brain injury. <i>Injury</i> , 2015, 46, 35-41.	1.7	23
43	Analysis of prognostic factors and treatment of anaplastic meningioma in China. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 690-695.	1.5	24
44	Genetic imprinting suggested by maternal DNA methylation in CNS hemangioblastoma with clinical phenotypes of VHL disease. <i>Journal of Neuro-Oncology</i> , 2015, 124, 525-527.	2.9	1
45	Neurosurgical Management of Brainstem Hemangioblastomas: A Single-Institution Experience with 116 Patients. <i>World Neurosurgery</i> , 2015, 84, 1030-1038.	1.3	18
46	TERT promoter mutations contribute to subset prognostication of lower-grade gliomas. <i>Modern Pathology</i> , 2015, 28, 177-186.	5.5	107
47	Probabilistic map of language regions: challenge and implication. <i>Brain</i> , 2015, 138, e337-e337.	7.6	13
48	CRMP1 Inhibits Proliferation of Medulloblastoma and Is Regulated by HMGA1. <i>PLoS ONE</i> , 2015, 10, e0127910.	2.5	13
49	A nonrigid registration method for correcting brain deformation induced by tumor resection. <i>Medical Physics</i> , 2014, 41, 101710.	3.0	6
50	Loss of CIC and FUBP1 expressions are potential markers of shorter time to recurrence in oligodendroglial tumors. <i>Modern Pathology</i> , 2014, 27, 332-342.	5.5	45
51	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.	4.7	3
52	Upregulation of chemokine receptor CCR10 is essential for glioma proliferation, invasion and patient survival. <i>Oncotarget</i> , 2014, 5, 6576-6583.	1.8	22
53	Application of CUSA Excel ultrasonic aspiration system in resection of skull base meningiomas. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2014, 26, 653-7.	2.2	8
54	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.	2.3	0

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55	Central nervous system tumors: a single center pathology review of 34,140 cases over 60 years. BMC Clinical Pathology, 2013, 13, 14.	1.8	42
56	A point based non-rigid registration for tumor resection using iMRI. , 2010, , .		9
57	Effects of vascular endothelial growth factor on angiogenesis of the endothelial cells isolated from cavernous malformations. Science Bulletin, 2008, 53, 370-376.	1.7	3
58	Biomechanical study of human dura and its substitutes. Chinese Medical Journal, 2002, 115, 1657-9.	2.3	1
59	Over-expression of $\beta$ -1,4-galactosyltransferase I, II, and V in human astrocytoma. Journal of Cancer Research and Clinical Oncology, 2001, 127, 502-506.	2.5	33