

# Jia Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111  
papers

1,401  
citations

20  
h-index

31  
g-index

115  
ext. papers

1,797  
ext. citations

4.5  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
111	Surgical management and clinical outcomes of cerebellar liponeurocytomas-a report of seven cases and a pooled analysis of individual patient data.. <i>Neurosurgical Review</i> , <b>2022</b> , 1	3.9	1
110	Evaluation of the efficacy of laparoscopic-assisted radical vaginal hysterectomy and abdominal radical hysterectomy for treating cervical cancer: a meta-analysis.. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , <b>2022</b> , 17, 69-82	1.4	
109	The Right Internal Jugular at the Cricoid Cartilage Level May Represent the Optimal Central Vein Puncture Site in Pediatric Patients.. <i>Frontiers in Pediatrics</i> , <b>2022</b> , 10, 833845	3.4	
108	Prediction of H3 K27M-mutant in midline gliomas by magnetic resonance imaging: a systematic review and meta-analysis.. <i>Neuroradiology</i> , <b>2022</b> , 1	3.2	
107	Body Mass Index Has a Nonlinear Association With Postoperative 30-Day Mortality in Patients Undergoing Craniotomy for Tumors in Men: An Analysis of Data From the ACS NSQIP Database.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 868968	5.7	
106	Adult diffuse intrinsic pontine glioma: clinical, radiological, pathological, molecular features, and treatments of 96 patients.. <i>Journal of Neurosurgery</i> , <b>2022</b> , 1-11	3.2	
105	A Global Multiregional Proteomic Map of the Human Cerebral Cortex. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2021</b> ,	6.5	2
104	TP53 wild-type/PPM1D mutant diffuse intrinsic pontine gliomas are sensitive to a MDM2 antagonist. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 178	7.3	1
103	Primary Squamous Cell Carcinomas Arising in Intracranial Epidermoid Cysts: A Series of Nine Cases and Systematic Review. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 750899	5.3	0
102	Biodegradable Flexible Electronic Device with Controlled Drug Release for Cancer Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 21067-21075	9.5	5
101	Prediction of H3K27M-mutant brainstem glioma by amide proton transfer-weighted imaging and its derived radiomics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 4426-4436	8.8	6
100	H3K27M Mutations Prediction for Brainstem Gliomas Based on Diffusion Radiomics Learning. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 155-164	0.9	
99	Trans-lamina terminalis supratentorial approach for ventral midbrain lesions: Technical note. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 83, 25-30	2.2	
98	SCG3 Protein Expression in Glioma Associates With less Malignancy and Favorable Clinical Outcomes. <i>Pathology and Oncology Research</i> , <b>2021</b> , 27, 594931	2.6	0
97	Guideline conformity to the Stupp regimen in patients with newly diagnosed glioblastoma multiforme in China. <i>Future Oncology</i> , <b>2021</b> , 17, 4571-4582	3.6	1
96	A pacemaker-assisted microvascular decompression for a patient with left primary facial spasm and arrhythmia: a case report. <i>BMC Surgery</i> , <b>2021</b> , 21, 27	2.3	
95	Combined Application of Sodium Fluorescein and Neuronavigation Techniques in the Resection of Brain Gliomas.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 747072	4.1	2

94	Microvascular decompression and aneurysm clipping for a patient with hemifacial spasm and ipsilateral labyrinthine artery aneurysm: A rare case report and literature review.. <i>CNS Neuroscience and Therapeutics</i> , <b>2021</b> ,	6.8	
93	Visualization of Diagnostic and Therapeutic Targets in Glioma With Molecular Imaging. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 592389	8.4	7
92	Improved 3D Catheter Shape Estimation Using Ultrasound Imaging for Endovascular Navigation: A Further Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2020</b> , 24, 3616-3629	7.2	1
91	Urinary protein biomarkers for pediatric medulloblastoma. <i>Journal of Proteomics</i> , <b>2020</b> , 225, 103832	3.9	8
90	Combination of Anti-Programmed Death 1 Therapy and Apatinib for a Patient with Hepatocellular Carcinoma and Brain Metastasis: Case Report and Literature Review. <i>World Neurosurgery</i> , <b>2020</b> , 143, 114-117	2.1	1
89	The integrated genomic and epigenomic landscape of brainstem glioma. <i>Nature Communications</i> , <b>2020</b> , 11, 3077	17.4	22
88	Tissue Structure Updating for In Situ Augmented Reality Navigation Using Calibrated Ultrasound and Two-Level Surface Warping. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 3211-3222	5	3
87	High Copy-Number Variation Burdens in Cranial Meningiomas From Patients With Diverse Clinical Phenotypes Characterized by Hot Genomic Structure Changes. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1382	5.3	3
86	Quiescin Sulfhydryl Oxidase 1 Regulates the Proliferation, Migration and Invasion of Human Glioblastoma Cells via PI3K/Akt Pathway. <i>OncoTargets and Therapy</i> , <b>2020</b> , 13, 5721-5729	4.4	5
85	Automatic estimation of morphological characteristics of proximal tibia for precise plate treatment using model matching. <i>Computerized Medical Imaging and Graphics</i> , <b>2020</b> , 81, 101714	7.6	4
84	Systematic profiling of alternative splicing signature reveals prognostic predictor for prostate cancer. <i>Cancer Science</i> , <b>2020</b> , 111, 3020-3031	6.9	9
83	LC-MS-based urine metabolomics analyses for early diagnosis of medulloblastoma. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
82	Establishment of the National Brain Tumor Registry of China. <i>JCO Global Oncology</i> , <b>2020</b> , 6, 47-48	3.7	1
81	Deep Learning Methodology for Differentiating Glioma Recurrence From Radiation Necrosis Using Multimodal Magnetic Resonance Imaging: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , <b>2020</b> , 8, e19805	3.6	6
80	Surgical treatment and prognosis of focal brainstem gliomas in children: A 7 year single center experience. <i>Medicine (United States)</i> , <b>2020</b> , 99, e22029	1.8	1
79	PODNL1 promotes cell proliferation and migration in glioma via regulating Akt/mTOR pathway. <i>Journal of Cancer</i> , <b>2020</b> , 11, 6234-6242	4.5	1
78	Improving brain health by identifying structure-function relations in patients with neurosurgical disorders. <i>BMJ, The</i> , <b>2020</b> , 371, m3690	5.9	2
77	Long experience for the diagnosis and treatment of sporadic endolymphatic sac tumor in a single center. <i>Clinical Neurology and Neurosurgery</i> , <b>2020</b> , 197, 106078	2	5

76	Long Non-Coding RNA LINC00662 Regulated Proliferation and Migration by Targeting miR-34a-5p/LMAN2L Axis in Glioma. <i>OncoTargets and Therapy</i> , <b>2020</b> , 13, 10161-10172	4.4	5
75	Targeting Mutant PPM1D Sensitizes Diffuse Intrinsic Pontine Glioma Cells to the PARP Inhibitor Olaparib. <i>Molecular Cancer Research</i> , <b>2020</b> , 18, 968-980	6.6	8
74	COL12A1, a novel potential prognostic factor and therapeutic target in gastric cancer. <i>Molecular Medicine Reports</i> , <b>2019</b> , 20, 3103-3112	2.9	12
73	SMYD3 promotes epithelial ovarian cancer metastasis by downregulating p53 protein stability and promoting p53 ubiquitination. <i>Carcinogenesis</i> , <b>2019</b> , 40, 1492-1503	4.6	9
72	Authors' Reply to "Translating palbociclib to the clinic for DIPG - What is truly achievable?". <i>EBioMedicine</i> , <b>2019</b> , 45, 23-24	8.8	0
71	Non-NF2 mutations have a key effect on inhibitory immune checkpoints and tumor pathogenesis in skull base meningiomas. <i>Journal of Neuro-Oncology</i> , <b>2019</b> , 144, 11-20	4.8	11
70	BSTM-01. POTENT ANTI-TUMOR EFFICACY OF PALBOCICLIB IN TREATMENT-NATIVE H3.3K27M-MUTANT DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , <b>2019</b> , 21, ii67-ii67	1	78
69	Potent anti-tumor efficacy of palbociclib in treatment-native H3.3K27M-mutant diffuse intrinsic pontine glioma. <i>EBioMedicine</i> , <b>2019</b> , 43, 171-179	8.8	11
68	Identification of survival-associated key genes and long non-coding RNAs in glioblastoma multiforme by weighted gene co-expression network analysis. <i>International Journal of Molecular Medicine</i> , <b>2019</b> , 43, 1709-1722	4.4	7
67	Identification of the Different Roles and Potential Mechanisms of T Isoforms in the Tumor Recurrence and Cell Cycle of Chordomas. <i>OncoTargets and Therapy</i> , <b>2019</b> , 12, 11777-11791	4.4	4
66	Standardized Operational Protocol for Human Brain Banking in China. <i>Neuroscience Bulletin</i> , <b>2019</b> , 35, 270-276	4.3	14
65	Molecular profiling of tumors of the brainstem by sequencing of CSF-derived circulating tumor DNA. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 297-306	14.3	60
64	Diffuse Intrinsic Pontine Gliomas Exhibit Cell Biological and Molecular Signatures of Fetal Hindbrain-Derived Neural Progenitor Cells. <i>Neuroscience Bulletin</i> , <b>2019</b> , 35, 216-224	4.3	9
63	Three-Dimensional Feature-Enhanced Network for Automatic Femur Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 243-252	7.2	18
62	The Differentially Expressed Genes of Human Sporadic Cerebral Cavernous Malformations. <i>World Neurosurgery</i> , <b>2018</b> , 113, e247-e270	2.1	2
61	Optical coherence tomography for precision brain imaging, neurosurgical guidance and minimally invasive theranostics. <i>BioScience Trends</i> , <b>2018</b> , 12, 12-23	9.9	23
60	Clustering of Morphological Features for Identifying Femur Cavity Subtypes With Difficulties of Intramedullary Nail Implantation. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2018</b> , 22, 1209-1217	7.2	9
59	CASP8, XRCC1, WRN, NF2, and BRIP1 Polymorphisms Analysis Shows Their Genetic Susceptibility for Meningioma Risk and the Association with Tumor-Related Phenotype in a Chinese Population. <i>World Neurosurgery</i> , <b>2018</b> , 114, e883-e891	2.1	4

58	Quantitative Assessment of Invasion of High-Grade Gliomas Using Diffusion Tensor Magnetic Resonance Imaging. <i>World Neurosurgery</i> , <b>2018</b> , 113, e561-e567	2.1	4
57	First-in-human study of PET and optical dual-modality image-guided surgery in glioblastoma using Ga-IRDye800CW-BBN. <i>Theranostics</i> , <b>2018</b> , 8, 2508-2520	12.1	56
56	Bioluminescence imaging and two-photon microscopy guided laser ablation of GBM decreases tumor burden. <i>Theranostics</i> , <b>2018</b> , 8, 4072-4085	12.1	16
55	Analysis of variants at LGALS3 single nucleotide polymorphism loci in skull base chordoma. <i>Oncology Letters</i> , <b>2018</b> , 16, 1312-1320	2.6	1
54	A Cascaded Deep Convolutional Neural Network for Joint Segmentation and Genotype Prediction of Brainstem Gliomas. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2018</b> , 65, 1943-1952	5	45
53	Pituitary Adenoma Associated With Rathke's Cleft Cyst: Report of 15 Cases. <i>Canadian Journal of Neurological Sciences</i> , <b>2018</b> , 45, 68-75	1	5
52	Identification of Grade-associated MicroRNAs in Brainstem Gliomas Based on Microarray Data. <i>Journal of Cancer</i> , <b>2018</b> , 9, 4463-4476	4.5	3
51	A Comparative Proteomics Analysis of Five Body Fluids: Plasma, Urine, Cerebrospinal Fluid, Amniotic Fluid, and Saliva. <i>Proteomics - Clinical Applications</i> , <b>2018</b> , 12, e1800008	3.1	33
50	Neuronavigation-Guided Corticospinal Tract Mapping in Brainstem Tumor Surgery: Better Preservation of Motor Function. <i>World Neurosurgery</i> , <b>2018</b> , 116, e291-e297	2.1	7
49	Clinical features and surgical outcomes of patients with skull base chordoma: a retrospective analysis of 238 patients. <i>Journal of Neurosurgery</i> , <b>2017</b> , 127, 1257-1267	3.2	41
48	Expression of Cathepsin K in Skull Base Chordoma. <i>World Neurosurgery</i> , <b>2017</b> , 101, 396-404	2.1	9
47	Diagnostic accuracy of routine blood examinations and CSF lactate level for post-neurosurgical bacterial meningitis. <i>International Journal of Infectious Diseases</i> , <b>2017</b> , 59, 50-54	10.5	7
46	Digitoxin increases sensitivity of glioma stem cells to TRAIL-mediated apoptosis. <i>Neuroscience Letters</i> , <b>2017</b> , 653, 19-24	3.3	6
45	3D Catheter Shape Determination for Endovascular Navigation Using a Two-Step Particle Filter and Ultrasound Scanning. <i>IEEE Transactions on Medical Imaging</i> , <b>2017</b> , 36, 685-695	11.7	12
44	BRAF V600E mutation is a significant prognosticator of the tumour regrowth rate in brainstem gangliogliomas. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 46, 50-57	2.2	21
43	Genetic and immune features of resectable malignant brainstem gliomas. <i>Oncotarget</i> , <b>2017</b> , 8, 82571-82582	3.8	8
42	Effect comparisons among treatment measures on progression-free survival in patients with skull base chordomas: a retrospective study of 234 post-surgical cases. <i>Acta Neurochirurgica</i> , <b>2017</b> , 159, 1803-1813	3	3
41	Identification of the Facial Nerve in Relation to Vestibular Schwannoma Using Preoperative Diffusion Tensor Tractography and Intraoperative Tractography-Integrated Neuronavigation System. <i>World Neurosurgery</i> , <b>2017</b> , 107, 669-677	2.1	12

40	Significance of the Tentorial Alignment in Protecting the Occipital Lobe with the Poppen Approach for Tentorial or Pineal Area Meningiomas. <i>World Neurosurgery</i> , <b>2017</b> , 108, 453-459	2.1	8
39	Factors for Overall Survival in Patients with Skull Base Chordoma: A Retrospective Analysis of 225 Patients. <i>World Neurosurgery</i> , <b>2017</b> , 97, 39-48	2.1	16
38	Patient-derived DIPG cells preserve stem-like characteristics and generate orthotopic tumors. <i>Oncotarget</i> , <b>2017</b> , 8, 76644-76655	3.3	18
37	The diagnostic value of cerebrospinal fluid lactate for post-neurosurgical bacterial meningitis: a meta-analysis. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 483	4	26
36	Cerebellar liponeurocytoma: A case report and review of the literature. <i>Oncology Letters</i> , <b>2016</b> , 11, 10612-1064	10	10
35	Microsurgical management of primary jugular foramen meningiomas: a series of 22 cases and review of the literature. <i>Neurosurgical Review</i> , <b>2016</b> , 39, 671-83	3.9	4
34	Clinical, radiological, and pathological features of 33 adult unilateral thalamic gliomas. <i>World Journal of Surgical Oncology</i> , <b>2016</b> , 14, 78	3.4	20
33	Upregulation of p-Smad2 contributes to FAT10-induced oncogenic activities in glioma. <i>Tumor Biology</i> , <b>2016</b> , 37, 8621-31	2.9	4
32	Diverse evolutionary dynamics in glioblastoma inference by multi-region and single-cell sequencing.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 11580-11580	2.2	4
31	Kindlin-2 interacts with Ectenin and YB-1 to enhance EGFR transcription during glioma progression. <i>Oncotarget</i> , <b>2016</b> , 7, 74872-74885	3.3	22
30	The relation between angioarchitectural factors of developmental venous anomaly and concomitant sporadic cavernous malformation. <i>BMC Neurology</i> , <b>2016</b> , 16, 183	3.1	7
29	RNaseH2A is involved in human gliomagenesis through the regulation of cell proliferation and apoptosis. <i>Oncology Reports</i> , <b>2016</b> , 36, 173-80	3.5	12
28	Bone invasiveness is associated with prognosis in clivus chordomas. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 27, 147-52	2.2	14
27	Factors for tumor progression in patients with skull base chordoma. <i>Cancer Medicine</i> , <b>2016</b> , 5, 2368-77	4.8	21
26	Analysis of Clinical Features and Outcomes of Skull Base Chordoma in Different Age-Groups. <i>World Neurosurgery</i> , <b>2016</b> , 92, 407-417	2.1	20
25	Treatment Response and Prognosis After Recurrence of Atypical Meningiomas. <i>World Neurosurgery</i> , <b>2015</b> , 84, 1014-9	2.1	29
24	The H3.3 K27M mutation results in a poorer prognosis in brainstem gliomas than thalamic gliomas in adults. <i>Human Pathology</i> , <b>2015</b> , 46, 1626-32	3.7	72
23	Survival rates, prognostic factors and treatment of anaplastic meningiomas. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 828-33	2.2	17

22	A preliminary quantitative proteomic analysis of glioblastoma pseudoprogression. <i>Proteome Science</i> , <b>2015</b> , 13, 12	2.6	12
21	Data for a comprehensive map and functional annotation of the human cerebrospinal fluid proteome. <i>Data in Brief</i> , <b>2015</b> , 3, 103-7	1.2	6
20	T gene isoform expression pattern is significantly different between chordomas and notochords. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 467, 261-7	3.4	3
19	Massive interstitial copy-neutral loss-of-heterozygosity as evidence for cancer being a disease of the DNA-damage response. <i>BMC Medical Genomics</i> , <b>2015</b> , 8, 42	3.7	16
18	Simultaneous determination of six flavonoids from Paulownia tomentosa flower extract in rat plasma by LC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 978-979, 54-61	3.2	17
17	Hypoglossal-facial nerve side-to-side neurotomy using a predegenerated nerve autograft for facial palsy after removal of acoustic tumours at the cerebellopontine angle. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2015</b> , 86, 865-72	5.5	11
16	Brachyury: A sensitive marker, but not a prognostic factor, for skull base chordomas. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 4298-4304	2.9	14
15	Diffuse cerebral vasospasm after resection of schwannoma: a case report. <i>Neuropsychiatric Disease and Treatment</i> , <b>2015</b> , 11, 317-20	3.1	5
14	A Proteomic Analysis of Individual and Gender Variations in Normal Human Urine and Cerebrospinal Fluid Using iTRAQ Quantification. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133270	3.7	44
13	SET and MYND domain-containing protein 3 is overexpressed in human glioma and contributes to tumorigenicity. <i>Oncology Reports</i> , <b>2015</b> , 34, 2722-30	3.5	21
12	Familial chordoma: A case report and review of the literature. <i>Oncology Letters</i> , <b>2015</b> , 10, 2937-2940	2.6	7
11	A comprehensive map and functional annotation of the normal human cerebrospinal fluid proteome. <i>Journal of Proteomics</i> , <b>2015</b> , 119, 90-9	3.9	47
10	Clinical characteristics and prognosis factors analysis for post-operative ptosis of sphenocavernous meningiomas: a single institution study. <i>Clinical Neurology and Neurosurgery</i> , <b>2015</b> , 131, 35-41	2	3
9	Surgical resection of upper-middle clivus chordomas via a modified anterior transpetrous approach. <i>Clinical Neurology and Neurosurgery</i> , <b>2015</b> , 130, 20-5	2	9
8	Glioma Association and Balancing Selection of ZFP281. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133003	3.7	5
7	Medullary hemangioblastoma: 34 patients at a single institution. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 250-5	2.2	10
6	Overexpressed KDM5B is associated with the progression of glioma and promotes glioma cell growth via downregulating p21. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 454, 221-7	3.4	30
5	Exome sequencing identifies somatic gain-of-function PPM1D mutations in brainstem gliomas. <i>Nature Genetics</i> , <b>2014</b> , 46, 726-30	36.3	116



- 4 Association of ERCC1 C8092A and ERCC2 Lys751Gln polymorphisms with the risk of glioma: a meta-analysis. *PLoS ONE*, **2014**, 9, e95966 3·7 7
- 3 Primary medulla oblongata germinomas: two case reports and review of the literature. *World Journal of Surgical Oncology*, **2013**, 11, 274 3·4 10
- 2 Possible pathogenic role of Brain-Derived Neurotrophic Factor (BDNF) in glaucoma-like optic neuropathy in patients with intracranial tumours. Reply. *Acta Ophthalmologica*, **2011**, 89, e475-e476 3·7
- 1 Myxoma of the cranial base. *World Neurosurgery*, **2007**, 68 Suppl 2, S22-8 14