## Chuan-bao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

101543 85541 5,917 114 36 71 citations g-index h-index papers 116 116 116 7404 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	CGCG clinical practice guidelines for the management of adult diffuse gliomas. Cancer Letters, 2016, 375, 263-273.	7.2	448
2	Chinese Glioma Genome Atlas (CGGA): A Comprehensive Resource with Functional Genomic Data from Chinese Glioma Patients. Genomics, Proteomics and Bioinformatics, 2021, 19, 1-12.	6.9	439
3	Tumor Purity as an Underlying Key Factor in Glioma. Clinical Cancer Research, 2017, 23, 6279-6291.	7.0	372
4	RNA-seq of 272 gliomas revealed a novel, recurrent <i>PTPRZ1-MET</i> fusion transcript in secondary glioblastomas. Genome Research, 2014, 24, 1765-1773.	5.5	316
5	Mutational Landscape of Secondary Glioblastoma Guides MET-Targeted Trial in Brain Tumor. Cell, 2018, 175, 1665-1678.e18.	28.9	250
6	Bioinformatic profiling identifies an immune-related risk signature for glioblastoma. Neurology, 2016, 86, 2226-2234.	1.1	234
7	Comprehensive RNA-seq transcriptomic profiling in the malignant progression of gliomas. Scientific Data, 2017, 4, 170024.	5.3	208
8	Clinical practice guidelines for the management of adult diffuse gliomas. Cancer Letters, 2021, 499, 60-72.	7.2	194
9	Stabilization of phosphofructokinase 1 platelet isoform by AKT promotes tumorigenesis. Nature Communications, 2017, 8, 949.	12.8	191
10	Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy. Molecular Cell, 2017, 65, 917-931.e6.	9.7	190
11	Molecular and clinical characterization of PD-L1 expression at transcriptional level via 976 samples of brain glioma. Oncolmmunology, 2016, 5, e1196310.	4.6	176
12	Differentiation of glioblastoma from solitary brain metastases using radiomic machine-learning classifiers. Cancer Letters, 2019, 451, 128-135.	7.2	128
13	EGFR-Phosphorylated Platelet Isoform of Phosphofructokinase 1 Promotes PI3K Activation. Molecular Cell, 2018, 70, 197-210.e7.	9.7	116
14	Molecular and clinical characterization of TIM-3 in glioma through 1,024 samples. Oncolmmunology, 2017, 6, e1328339.	4.6	114
15	PTEN Suppresses Glycolysis by Dephosphorylating and Inhibiting Autophosphorylated PGK1. Molecular Cell, 2019, 76, 516-527.e7.	9.7	113
16	Ferroptosis-Related Gene Signature Predicts Glioma Cell Death and Glioma Patient Progression. Frontiers in Cell and Developmental Biology, 2020, 8, 538.	3.7	105
17	HOTAIR is a therapeutic target in glioblastoma. Oncotarget, 2015, 6, 8353-8365.	1.8	105
18	CMTM6 overexpression is associated with molecular and clinical characteristics of malignancy and predicts poor prognosis in gliomas. EBioMedicine, 2018, 35, 233-243.	6.1	97

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19	Genetic and clinical characterization of B7â€H3 (CD276) expression and epigenetic regulation in diffuse brain glioma. Cancer Science, 2018, 109, 2697-2705.	3.9	73
20	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
21	ATRXmRNA expression combined withIDH1/2mutational status and Ki-67 expression refines the molecular classification of astrocytic tumors: evidence from the whole transcriptome sequencing of 169 samples. Oncotarget, 2014, 5, 2551-2561.	1.8	61
22	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
23	Correlation of IDH1/2 mutation with clinicopathologic factors and prognosis in anaplastic gliomas: a report of 203 patients from China. Journal of Cancer Research and Clinical Oncology, 2014, 140, 45-51.	2.5	57
24	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
25	Upregulation of long noncoding RNA HOXA-AS3 promotes tumor progression and predicts poor prognosis in glioma. Oncotarget, 2017, 8, 53110-53123.	1.8	55
26	MicroRNA expression patterns in the malignant progression of gliomas and a 5-microRNA signature for prognosis. Oncotarget, 2014, 5, 12908-12915.	1.8	54
27	Detection of ATRX and IDH1-R132H immunohistochemistry in the progression of 211 paired gliomas. Oncotarget, 2016, 7, 16384-16395.	1.8	53
28	Molecular and clinical characterization of IDH associated immune signature in lower-grade gliomas. Oncolmmunology, 2018, 7, e1434466.	4.6	53
29	miR-181d/MALT1 regulatory axis attenuates mesenchymal phenotype through NF-κB pathways in glioblastoma. Cancer Letters, 2017, 396, 1-9.	7.2	50
30	A five-miRNA signature with prognostic and predictive value for <i>MGMT</i> promoter-methylated glioblastoma patients. Oncotarget, 2015, 6, 29285-29295.	1.8	49
31	Loss of ATRX, associated with DNA methylation pattern of chromosome end, impacted biological behaviors of astrocytic tumors. Oncotarget, 2015, 6, 18105-18115.	1.8	48
32	ATRX, IDH1-R132H and Ki-67 immunohistochemistry as a classification scheme for astrocytic tumors. Oncoscience, 2016, 3, 258-265.	2.2	42
33	ALDH1A3 induces mesenchymal differentiation and serves as a predictor for survival in glioblastoma. Cell Death and Disease, 2018, 9, 1190.	6.3	42
34	Gene Expression Profiling Stratifies IDH1-Mutant Glioma with Distinct Prognoses. Molecular Neurobiology, 2017, 54, 5996-6005.	4.0	41
35	Genetic and clinical characteristics of primary and secondary glioblastoma is associated with differential molecular subtype distribution. Oncotarget, 2015, 6, 7318-7324.	1.8	40
36	ISG20 promotes local tumor immunity and contributes to poor survival in human glioma. Oncolmmunology, 2019, 8, e1534038.	4.6	39

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37	Identification of PIEZO1 as a potential prognostic marker in gliomas. Scientific Reports, 2020, 10, 16121.	3.3	39
38	Identification of high risk anaplastic gliomas by a diagnostic and prognostic signature derived from mRNA expression profiling. Oncotarget, 2015, 6, 36643-36651.	1.8	39
39	PD-1 related transcriptome profile and clinical outcome in diffuse gliomas. Oncolmmunology, 2018, 7, e1382792.	4.6	37
40	HDAC4, a prognostic and chromosomal instability marker, refines the predictive value of MGMT promoter methylation. Journal of Neuro-Oncology, 2015, 122, 303-312.	2.9	36
41	Multidimensional analysis of gene expression reveals TGFB1I1-induced EMT contributes to malignant progression of astrocytomas. Oncotarget, 2014, 5, 12593-12606.	1.8	36
42	Immune Cytolytic Activity Is Associated With Genetic and Clinical Properties of Glioma. Frontiers in Immunology, 2019, 10, 1756.	4.8	35
43	KIF23 is an independent prognostic biomarker in glioma, transcriptionally regulated by TCF-4. Oncotarget, 2016, 7, 24646-24655.	1.8	33
44	BMP4, a strong better prognosis predictor, has a subtype preference and cell development association in gliomas. Journal of Translational Medicine, 2013, 11, 100.	4.4	32
45	Overexpression of Paxillin Correlates with Tumor Progression and Predicts Poor Survival in Glioblastoma. CNS Neuroscience and Therapeutics, 2017, 23, 69-75.	3.9	32
46	PD-L2 expression is correlated with the molecular and clinical features of glioma, and acts as an unfavorable prognostic factor. Oncolmmunology, 2019, 8, e1541535.	4.6	32
47	Clinicopathological factors predictive of postoperative seizures in patients with gliomas. Seizure: the Journal of the British Epilepsy Association, 2016, 35, 93-99.	2.0	31
48	High expression of CXCR3 is an independent prognostic factor in glioblastoma patients that promotes an invasive phenotype. Journal of Neuro-Oncology, 2015, 122, 43-51.	2.9	29
49	Low c-Met expression levels are prognostic for and predict the benefits of temozolomide chemotherapy in malignant gliomas. Scientific Reports, 2016, 6, 21141.	3.3	29
50	Isocitrate dehydrogenase 1 Gene Mutation Is Associated with Prognosis in Clinical Low-Grade Gliomas. PLoS ONE, 2015, 10, e0130872.	2.5	28
51	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
52	Peripheral blood test provides a practical method for glioma evaluation and prognosis prediction. CNS Neuroscience and Therapeutics, 2019, 25, 876-883.	3.9	27
53	Genome-wide transcriptional analyses of Chinese patients reveal cell migration is attenuated in IDH1-mutant glioblastomas. Cancer Letters, 2015, 357, 566-574.	7.2	25
54	Rab27a Was Identified as a Prognostic Biomaker by mRNA Profiling, Correlated with Malignant Progression and Subtype Preference in Gliomas. PLoS ONE, 2014, 9, e89782.	2.5	22

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55	Identification of a five B cell-associated gene prognostic and predictive signature for advanced glioma patients harboring immunosuppressive subtype preference. Oncotarget, 2016, 7, 73971-73983.	1.8	22
56	Progress on molecular biomarkers and classification of malignant gliomas. Frontiers of Medicine, 2013, 7, 150-156.	3.4	21
57	Anatomical specificity of O6-methylguanine DNA methyltransferase protein expression in glioblastomas. Journal of Neuro-Oncology, 2014, 120, 331-337.	2.9	21
58	Association between small heat shock protein B11 and the prognostic value of MGMT promoter methylation in patients with high-grade glioma. Journal of Neurosurgery, 2016, 125, 7-16.	1.6	20
59	Treatment strategy and IDH status improve nomogram validity in newly diagnosed GBM patients. Neuro-Oncology, 2017, 19, 736-738.	1.2	20
60	Bioinformatic analyses reveal a distinct Notch activation induced by STAT3 phosphorylation in the mesenchymal subtype of glioblastoma. Journal of Neurosurgery, 2017, 126, 249-259.	1.6	19
61	Expression of SPRR3 is associated with tumor cell proliferation and invasion in glioblastoma multiforme. Oncology Letters, 2014, 7, 427-432.	1.8	18
62	MR imaging based fractal analysis for differentiating primary CNS lymphoma and glioblastoma. European Radiology, 2019, 29, 1348-1354.	4.5	18
63	Comprehensive analysis of the immunological landscape of pituitary adenomas: implications of immunotherapy for pituitary adenomas. Journal of Neuro-Oncology, 2020, 149, 473-487.	2.9	18
64	Prognostic value of a nine-gene signature in glioma patients based on tumor-associated macrophages expression profiling. Clinical Immunology, 2020, 216, 108430.	3.2	18
65	Integrated analysis of genome-wide DNA methylation, gene expression and protein expression profiles in molecular subtypes of WHO II-IV gliomas. Journal of Experimental and Clinical Cancer Research, 2015, 34, 127.	8.6	17
66	miR-17-5p-CXCL14 axis related transcriptome profile and clinical outcome in diffuse gliomas. Oncolmmunology, 2018, 7, e1510277.	4.6	17
67	Hypomethylated Rab27b is a progression-associated prognostic biomarker of glioma regulating MMP-9 to promote invasion. Oncology Reports, 2015, 34, 1503-1509.	2.6	16
68	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
69	Expression and prognostic value of microRNAs in lower-grade glioma depends on IDH1/2 status. Journal of Neuro-Oncology, 2017, 132, 207-218.	2.9	16
70	CLDN5 affects lncRNAs acting as ceRNA dynamics contributing to regulating bloodâ€'brain barrier permeability in tumor brain metastasis. Oncology Reports, 2018, 39, 1441-1453.	2.6	16
71	Molecular and clinical characterization of PTPN2 expression from RNA-seq data of 996 brain gliomas. Journal of Neuroinflammation, 2018, 15, 145.	7.2	15
72	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

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73	CTLA4-Mediated Immunosuppression in Glioblastoma is Associated with the Infiltration of Macrophages in the Tumor Microenvironment. Journal of Inflammation Research, 2021, Volume 14, 7315-7329.	3.5	15
74	<i>PABPC1</i> relevant bioinformatic profiling and prognostic value in gliomas. Future Oncology, 2020, 16, 4279-4288.	2.4	14
75	Epigenetic silencing of KAZALD1 confers a better prognosis and is associated with malignant transformation/progression in glioma. Oncology Reports, 2013, 30, 2089-2096.	2.6	13
76	T-Cell Exhaustion Status Under High and Low Levels of Hypoxia-Inducible Factor $1\hat{l}_{\pm}$ Expression in Glioma. Frontiers in Pharmacology, 2021, 12, 711772.	3.5	13
77	Integrated analysis using methylation and gene expression microarrays reveals PDE4C as a prognostic biomarker in human glioma. Oncology Reports, 2014, 32, 250-260.	2.6	12
78	The Landscape of Viral Expression Reveals Clinically Relevant Viruses with Potential Capability of Promoting Malignancy in Lower-Grade Glioma. Clinical Cancer Research, 2017, 23, 2177-2185.	7.0	12
79	Identification of a Glycolysis-Related LncRNA Signature to Predict Survival in Diffuse Glioma Patients. Frontiers in Oncology, 2020, 10, 597877.	2.8	12
80	Human leukocyte antigen-G overexpression predicts poor clinical outcomes in low-grade gliomas. Journal of Neuroimmunology, 2016, 294, 27-31.	2.3	11
81	Co-expression of mitosis-regulating genes contributes to malignant progression and prognosis in oligodendrogliomas. Oncotarget, 2015, 6, 38257-38269.	1.8	11
82	Phosphohistone H3 (pHH3) is a prognostic and epithelial to mesenchymal transition marker in diffuse gliomas. Oncotarget, 2016, 7, 45005-45014.	1.8	10
83	FGFR3, as a receptor tyrosine kinase, is associated with differentiated biological functions and improved survival of glioma patients. Oncotarget, 2016, 7, 84587-84593.	1.8	10
84	Co-expression modules of NF1, PTEN and sprouty enable distinction of adult diffuse gliomas according to pathway activities of receptor tyrosine kinases. Oncotarget, 2016, 7, 59098-59114.	1.8	10
85	Brain regions associated with telomerase reverse transcriptase promoter mutations in primary glioblastomas. Journal of Neuro-Oncology, 2016, 128, 455-462.	2.9	9
86	MEGF10, a Glioma Survival-Associated Molecular Signature, Predicts IDH Mutation Status. Disease Markers, 2018, 2018, 1-8.	1.3	9
87	MicroRNA-935 Directly Targets FZD6 to Inhibit the Proliferation of Human Glioblastoma and Correlate to Glioma Malignancy and Prognosis. Frontiers in Oncology, 2021, 11, 566492.	2.8	9
88	Pre-treatment neutrophils count as a prognostic marker to predict chemotherapeutic response and survival outcomes in glioma: a single-center analysis of 288 cases. American Journal of Translational Research (discontinued), 2020, 12, 90-104.	0.0	9
89	Apcin inhibits the growth and invasion of glioblastoma cells and improves glioma sensitivity to temozolomide. Bioengineered, 2021, 12, 10791-10798.	3.2	9
90	Identification of IDH-mutant gliomas by a prognostic signature according to gene expression profiling. Aging, 2018, 10, 1977-1988.	3.1	8

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91	Stratification according to recursive partitioning analysis predicts outcome in newly diagnosed glioblastomas. Oncotarget, 2017, 8, 42974-42982.	1.8	8
92	A PTEN-COL17A1 fusion gene and its novel regulatory role in Collagen XVII expression and GBM malignance. Oncotarget, 2017, 8, 85794-85803.	1.8	8
93	Highâ€sensitive clinical diagnostic method for PTPRZ1â€MET and the characteristic protein structure contributing to ligandâ€independent MET activation. CNS Neuroscience and Therapeutics, 2021, 27, 617-628.	3.9	7
94	Polo-like kinases as potential targets and PLK2 as a novel biomarker for the prognosis of human glioblastoma. Aging, 2022, 14, 2320-2334.	3.1	7
95	MiR-134, epigenetically silenced in gliomas, could mitigate the malignant phenotype by targeting KRAS. Carcinogenesis, 2018, 39, 389-396.	2.8	6
96	Predicting chromosome $1p/19q$ codeletion by RNA expression profile: a comparison of current prediction models. Aging, 2019, 11, 974-985.	3.1	5
97	Novel roles of VAT1 expression in the immunosuppressive action of diffuse gliomas. Cancer Immunology, Immunotherapy, 2021, 70, 2589-2600.	4.2	5
98	Comparative profiling of immune genes improves the prognoses of lower grade gliomas. Cancer Biology and Medicine, 2021, 18, 0-0.	3.0	5
99	Predicting the likelihood of early recurrence based on mRNA sequencing of pituitary adenomas. Gland Surgery, 2019, 8, 648-656.	1.1	4
100	Characterization and prognostic significance of alternative splicing events in lowerâ€grade diffuse gliomas. Journal of Cellular and Molecular Medicine, 2020, 24, 13171-13180.	3.6	4
101	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
102	Consistency of pituitary adenomas: Amounts of collagen typesÂlÂandÂIII and the predictive value of T2WI MRI. Experimental and Therapeutic Medicine, 2021, 22, 1255.	1.8	4
103	Integrated analysis identified genes associated with a favorable prognosis in oligodendrogliomas. Genes Chromosomes and Cancer, 2016, 55, 169-176.	2.8	3
104	New-Onset Postoperative Seizures in Patients With Diffuse Gliomas: A Risk Assessment Analysis. Frontiers in Neurology, 2021, 12, 682535.	2.4	3
105	Radiation combined with temozolomide contraindicated for young adults diagnosed with anaplastic glioma. Oncotarget, 2016, 7, 80091-80100.	1.8	2
106	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
107	Predicting the likelihood of postoperative seizure status based on mRNA sequencing in low-grade gliomas. Future Oncology, 2018, 14, 545-552.	2.4	1
108	Hemangiopericytomas: Spatial Intracranial Location in a Voxelâ€Based Mapping Study. Journal of Neuroimaging, 2020, 30, 370-377.	2.0	1

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109	CPNE3 regulates the cell proliferation and apoptosis in human Glioblastoma via the activation of PI3K/AKT signaling pathway. Journal of Cancer, 2021, 12, 7277-7286.	2.5	1
110	Comprehensive analysis of the LncRNAs, MiRNAs, and MRNAs acting within the competing endogenous RNA network of LGG. Genetica, 2022, 150, 41.	1.1	1
111	Whole‑transcriptome sequencing profiling identifies functional and prognostic signatures in patients with PTPRZ1‑MET fusion‑negative secondary glioblastoma multiforme. Oncology Letters, 2020, 20, 1-1.	1.8	1
112	Whole-transcriptome sequencing profiling identifies functional and prognostic signatures in patients with PTPRZ1-MET fusion-negative secondary glioblastoma multiforme. Oncology Letters, 2020, 20, 187.	1.8	0
113	Targeted exome sequencing for the identification of common mutational signatures and potential driver mutations for brain metastases and prognosis. Oncology Letters, 2021, 21, 179.	1.8	O
114	Long-term adjuvant administration of temozolomide impacts serum ions concentration in high-grade glioma. Chinese Neurosurgical Journal, 2022, 8, 6.	0.9	0