

Zhixiong Liu

List of Publications by Year in descending order

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67
papers

3,173
citations

257101

24
h-index

197535

49
g-index

72
all docs

72
docs citations

72
times ranked

2648
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.	3.2	448
2	Immunotherapy for glioma: Current management and future application. <i>Cancer Letters</i> , 2020, 476, 1-12.	3.2	351
3	Glioma targeted therapy: insight into future of molecular approaches. <i>Molecular Cancer</i> , 2022, 21, 39.	7.9	274
4	Regulatory mechanisms of immune checkpoints PD-L1 and CTLA-4 in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 184.	3.5	204
5	Clinical practice guidelines for the management of adult diffuse gliomas. <i>Cancer Letters</i> , 2021, 499, 60-72.	3.2	194
6	Gestational diabetes mellitus and adverse pregnancy outcomes: systematic review and meta-analysis. <i>BMJ</i> , The, 0, , e067946.	3.0	158
7	Immune Checkpoint in Glioblastoma: Promising and Challenging. <i>Frontiers in Pharmacology</i> , 2017, 8, 242.	1.6	133
8	The molecular feature of macrophages in tumor immune microenvironment of glioma patients. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4603-4618.	1.9	81
9	CTLA-4 correlates with immune and clinical characteristics of glioma. <i>Cancer Cell International</i> , 2020, 20, 7.	1.8	74
10	Drug Discovery via Human-Derived Stem Cell Organoids. <i>Frontiers in Pharmacology</i> , 2016, 7, 334.	1.6	68
11	Repurposing psychiatric drugs as anti-cancer agents. <i>Cancer Letters</i> , 2018, 419, 257-265.	3.2	65
12	Expression of m6A Regulators Correlated With Immune Microenvironment Predicts Therapeutic Efficacy and Prognosis in Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 594112.	1.8	59
13	Minimally Invasive Surgery is Superior to Conventional Craniotomy in Patients with Spontaneous Supratentorial Intracerebral Hemorrhage: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018, 115, 266-273.	0.7	57
14	SOX9 Overexpression Promotes Glioma Metastasis via Wnt/ β 2-Catenin Signaling. <i>Cell Biochemistry and Biophysics</i> , 2015, 73, 205-212.	0.9	56
15	Implantation of Brain-Derived Extracellular Matrix Enhances Neurological Recovery after Traumatic Brain Injury. <i>Cell Transplantation</i> , 2017, 26, 1224-1234.	1.2	56
16	The adaptive transition of glioblastoma stem cells and its implications on treatments. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 124.	7.1	51
17	Novel insights into astrocyte-mediated signaling of proliferation, invasion and tumor immune microenvironment in glioblastoma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110086.	2.5	47
18	The Basic Characteristics of the Pentraxin Family and Their Functions in Tumor Progression. <i>Frontiers in Immunology</i> , 2020, 11, 1757.	2.2	39

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19	Immune Infiltrating Cells-Derived Risk Signature Based on Large-scale Analysis Defines Immune Landscape and Predicts Immunotherapy Responses in Glioma Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 691811.	2.2	38
20	CD96 Correlates With Immune Infiltration and Impacts Patient Prognosis: A Pan-Cancer Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 634617.	1.3	34
21	miR-133b inhibits glioma cell proliferation and invasion by targeting Sirt1. <i>Oncotarget</i> , 2016, 7, 36247-36254.	0.8	34
22	Genomic analysis of primary and recurrent gliomas reveals clinical outcome related molecular features. <i>Scientific Reports</i> , 2019, 9, 16058.	1.6	33
23	Screening for distress in patients with primary brain tumor using distress thermometer: a systematic review and meta-analysis. <i>BMC Cancer</i> , 2018, 18, 124.	1.1	31
24	Vincristine Impairs Microtubules and Causes Neurotoxicity in Cerebral Organoids. <i>Neuroscience</i> , 2019, 404, 530-540.	1.1	30
25	A novel integrated system using patient-derived glioma cerebral organoids and xenografts for disease modeling and drug screening. <i>Cancer Letters</i> , 2021, 500, 87-97.	3.2	29
26	Tranylcypromine Causes Neurotoxicity and Represses BHC110/LSD1 in Human-Induced Pluripotent Stem Cell-Derived Cerebral Organoids Model. <i>Frontiers in Neurology</i> , 2017, 8, 626.	1.1	27
27	Exosomal hsa-miR-21-5p derived from growth hormone-secreting pituitary adenoma promotes abnormal bone formation in acromegaly. <i>Translational Research</i> , 2020, 215, 1-16.	2.2	27
28	Hypoxia-Related lncRNA Correlates With Prognosis and Immune Microenvironment in Lower-Grade Glioma. <i>Frontiers in Immunology</i> , 2021, 12, 731048.	2.2	26
29	Protein disulfide isomerases are promising targets for predicting the survival and tumor progression in glioma patients. <i>Aging</i> , 2020, 12, 2347-2372.	1.4	26
30	A pan-cancer analysis revealing the role of TIGIT in tumor microenvironment. <i>Scientific Reports</i> , 2021, 11, 22502.	1.6	23
31	Promoting Prognostic Model Application: A Review Based on Gliomas. <i>Journal of Oncology</i> , 2021, 2021, 1-14.	0.6	21
32	Current Advances and Challenges in Radiomics of Brain Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 732196.	1.3	21
33	Exploring the efficacy of tumor electric field therapy against glioblastoma: An <i>in vivo</i> and <i>in vitro</i> study. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1587-1604.	1.9	21
34	Ferroptosis Activation Scoring Model Assists in Chemotherapeutic Agents™ Selection and Mediates Cross-Talk With Immunocytes in Malignant Glioblastoma. <i>Frontiers in Immunology</i> , 2021, 12, 747408.	2.2	21
35	Tumor treating fields for high-grade gliomas. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110193.	2.5	20
36	Large-scale analysis reveals the specific clinical and immune features of CD155 in glioma. <i>Aging</i> , 2019, 11, 5463-5482.	1.4	20

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37	Molecular features of pleomorphic xanthoastrocytoma. <i>Human Pathology</i> , 2019, 86, 38-48.	1.1	18
38	Advances in Cerebral Organoid Systems and their Application in Disease Modeling. <i>Neuroscience</i> , 2019, 399, 28-38.	1.1	17
39	Clinical characterization, genetic profiling, and immune infiltration of TOX in diffuse gliomas. <i>Journal of Translational Medicine</i> , 2020, 18, 305.	1.8	17
40	CD74 Correlated With Malignancies and Immune Microenvironment in Gliomas. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 706949.	1.6	17
41	Immune-related genes with APA in microenvironment indicate risk stratification and clinical prognosis in grade II/III gliomas. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1229-1242.	2.3	16
42	The CXCL Family Contributes to Immunosuppressive Microenvironment in Gliomas and Assists in Gliomas Chemotherapy. <i>Frontiers in Immunology</i> , 2021, 12, 731751.	2.2	16
43	Differentiation of Brain Abscess From Cystic Glioma Using Conventional MRI Based on Deep Transfer Learning Features and Hand-Crafted Radiomics Features. <i>Frontiers in Medicine</i> , 2021, 8, 748144.	1.2	16
44	Synthetic miR-145 Mimic Enhances the Cytotoxic Effect of the Antiangiogenic Drug Sunitinib in Glioblastoma. <i>Cell Biochemistry and Biophysics</i> , 2015, 72, 551-557.	0.9	15
45	TNFSF13 Is a Novel Onco-Inflammatory Marker and Correlates With Immune Infiltration in Gliomas. <i>Frontiers in Immunology</i> , 2021, 12, 713757.	2.2	15
46	Evaluation of a tumor electric field treatment system in a rat model of glioma. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 1168-1177.	1.9	14
47	Correlation Between APOBEC3B Expression and Clinical Characterization in Lower-Grade Gliomas. <i>Frontiers in Oncology</i> , 2021, 11, 625838.	1.3	14
48	Prognostic Significance of Hyperglycemia in Patients with Brain Tumors: a Meta-Analysis. <i>Molecular Neurobiology</i> , 2016, 53, 1654-1660.	1.9	12
49	Bioinformatic Analyses Identify a Prognostic Autophagy-Related Long Non-coding RNA Signature Associated With Immune Microenvironment in Diffuse Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 694633.	1.8	10
50	Immune Infiltration-Related Signature Predicts Risk Stratification and Immunotherapy Efficacy in Grade II and III Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 756005.	1.8	7
51	Natural killer cell-related gene signature predicts malignancy of glioma and the survival of patients. <i>BMC Cancer</i> , 2022, 22, 230.	1.1	7
52	Liquid biopsy: early and accurate diagnosis of brain tumor. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2347-2373.	1.2	7
53	14-3-3 β exerts glioma-promoting effects and is associated with malignant progression and poor prognosis in patients with glioma. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2381-2387.	0.8	5
54	Downregulation of CyclophilinA/CD147 Axis Induces Cell Apoptosis and Inhibits Glioma Aggressiveness. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	5

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55	CD161, a promising Immune Checkpoint, correlates with Patient Prognosis: A Pan-cancer Analysis. <i>Journal of Cancer</i> , 2021, 12, 6588-6599.	1.2	5
56	Immune Characteristics of LYN in Tumor Microenvironment of Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 760929.	1.8	5
57	Knockdown of PREX2a inhibits the malignant phenotype of glioma cells. <i>Molecular Medicine Reports</i> , 2016, 13, 2301-2307.	1.1	4
58	A Primary Pigmented Choroid Plexus Papilloma Located Within the Sella Turcica: Case Report and Literature Review. <i>World Neurosurgery</i> , 2017, 105, 1039.e13-1039.e18.	0.7	4
59	Preferential Antiseizure Medications in Pediatric Patients with Convulsive Status Epilepticus: A Systematic Review and Network Meta-Analysis. <i>Clinical Drug Investigation</i> , 2021, 41, 1-17.	1.1	4
60	Identification of Methylation Immune Subtypes and Establishment of a Prognostic Signature for Gliomas Using Immune-Related Genes. <i>Frontiers in Immunology</i> , 2021, 12, 737650.	2.2	4
61	Retrospective Study on the Application of Enhanced Recovery After Surgery Measures to Promote Postoperative Rehabilitation in 50 Patients With Brain Tumor Undergoing Craniotomy. <i>Frontiers in Oncology</i> , 2021, 11, 755378.	1.3	4
62	Heme Oxygenase-1 Predicts Risk Stratification and Immunotherapy Efficacy in Lower Grade Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 760800.	1.8	3
63	CMTM Family Genes Affect Prognosis and Modulate Immunocytes Infiltration in Grade II/III Glioma Patients by Influencing the Tumor Immune Landscape and Activating Associated Immunosuppressing Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 740822.	1.8	3
64	Outcome of Endoscopic Transsphenoidal Surgery for Recurrent or Residual Pituitary Adenomas and Comparison to Non-Recurrent or Residual Cohort by Propensity Score Analysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 837025.	1.5	3
65	Optimizing accuracy of freehand cannulation of the ipsilateral ventricle for intracranial pressure monitoring in patients with brain trauma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2144-2156.	1.1	2
66	Functions of RNF Family in the Tumor Microenvironment and Drugs Prediction in Grade II/III Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 754873.	1.8	2
67	A novel gene signature predicts chemoradiotherapy efficacy and tumor immunity in high-grade glioma. <i>Clinical and Translational Medicine</i> , 2020, 10, e170.	1.7	1