

Zhihong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,075
citations

304743

22
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

5590
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and Molecular Identity of Tumor-Associated Macrophages in Glioblastoma. <i>Cancer Research</i> , 2017, 77, 2266-2278.	0.9	463
2	Lipopolysaccharide-Induced Microglial Activation and Neuroprotection against Experimental Brain Injury Is Independent of Hematogenous TLR4. <i>Journal of Neuroscience</i> , 2012, 32, 11706-11715.	3.6	354
3	Microglia and neuroprotection. <i>Journal of Neurochemistry</i> , 2016, 136, 10-17.	3.9	296
4	Immune Microenvironment in Glioblastoma Subtypes. <i>Frontiers in Immunology</i> , 2018, 9, 1004.	4.8	291
5	Microglial displacement of inhibitory synapses provides neuroprotection in the adult brain. <i>Nature Communications</i> , 2014, 5, 4486.	12.8	233
6	Loss of CX3CR1 increases accumulation of inflammatory monocytes and promotes gliomagenesis. <i>Oncotarget</i> , 2015, 6, 15077-15094.	1.8	154
7	Comprehensive gene expression meta-analysis identifies signature genes that distinguish microglia from peripheral monocytes/macrophages in health and glioma. <i>Acta Neuropathologica Communications</i> , 2019, 7, 20.	5.2	124
8	Activation of the Receptor Tyrosine Kinase AXL Regulates the Immune Microenvironment in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 3002-3013.	0.9	122
9	Tumour-associated macrophages exhibit anti-tumoural properties in Sonic Hedgehog medulloblastoma. <i>Nature Communications</i> , 2019, 10, 2410.	12.8	99
10	NKG2D-Mediated Cytotoxicity toward Oligodendrocytes Suggests a Mechanism for Tissue Injury in Multiple Sclerosis. <i>Journal of Neuroscience</i> , 2007, 27, 1220-1228.	3.6	84
11	Chronic Deep Cerebellar Stimulation Promotes Long-Term Potentiation, Microstructural Plasticity, and Reorganization of Perilesional Cortical Representation in a Rodent Model. <i>Journal of Neuroscience</i> , 2014, 34, 9040-9050.	3.6	80
12	Human Mesenchymal glioblastomas are characterized by an increased immune cell presence compared to Proneural and Classical tumors. <i>Oncolmmunology</i> , 2019, 8, e1655360.	4.6	76
13	Astrocyte response to IFN- β limits IL-6-mediated microglia activation and progressive autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2015, 12, 79.	7.2	66
14	Activated microglia enhance neurogenesis via trypsinogen secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8714-8719.	7.1	62
15	Intravital 2-photon imaging reveals distinct morphology and infiltrative properties of glioblastoma-associated macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14254-14259.	7.1	62
16	Genetic driver mutations define the expression signature and microenvironmental composition of high-grade gliomas. <i>Glia</i> , 2017, 65, 1914-1926.	4.9	50
17	Tumour-associated macrophage-derived interleukin-1 mediates glioblastoma-associated cerebral oedema. <i>Brain</i> , 2019, 142, 3834-3851.	7.6	50
18	Chronic 30-Hz Deep Cerebellar Stimulation Coupled With Training Enhances Post-ischemia Motor Recovery and Peri-infarct Synaptophysin Expression in Rodents. <i>Neurosurgery</i> , 2013, 73, 344-353.	1.1	48

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19	Platelet-derived growth factor beta is a potent inflammatory driver in paediatric high-grade glioma. <i>Brain</i> , 2021, 144, 53-69.	7.6	43
20	CD16+ β 1 T cells mediate antibody dependent cellular cytotoxicity: Potential mechanism in the pathogenesis of multiple sclerosis. <i>Clinical Immunology</i> , 2008, 128, 219-227.	3.2	41
21	Genetic driver mutations introduced in identical cell of origin in murine glioblastoma reveal distinct immune landscapes but similar response to checkpoint blockade. <i>Glia</i> , 2020, 68, 2148-2166.	4.9	28
22	Correlation of specialized CD16+ β 1 T cells with disease course and severity in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2008, 194, 147-152.	2.3	26
23	CD137 and PD-L1 targeting with immunovirotherapy induces a potent and durable antitumor immune response in glioblastoma models. , 2021, 9, e002644.		25
24	Innate Immune-Mediated Neuronal Injury Consequent to Loss of Astrocytes. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 590-599.	1.7	24
25	Semi-automated method for estimating lesion volumes. <i>Journal of Neuroscience Methods</i> , 2013, 213, 76-83.	2.5	24
26	Integrin-Kindlin3 requirements for microglial motility in vivo are distinct from those for macrophages. <i>JCI Insight</i> , 2017, 2, .	5.0	24
27	Lateral Cerebellar Nucleus Stimulation has Selective Effects on Glutamatergic and GABAergic Perilesional Neurogenesis After Cortical Ischemia in the Rodent Model. <i>Neurosurgery</i> , 2018, 83, 1057-1067.	1.1	15
28	Macrophage-tumor cell intertwine drives the transition into a mesenchymal-like cellular state of glioblastoma. <i>Cancer Cell</i> , 2021, 39, 743-745.	16.8	12
29	Cuprizone does not induce CNS demyelination in nonhuman primates. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 208-213.	3.7	10
30	Multimodal single-cell analysis reveals distinct radioresistant stem-like and progenitor cell populations in murine glioma. <i>Glia</i> , 2020, 68, 2486-2502.	4.9	8
31	β 1 T cells and multiple sclerosis: Friends, foes, or both?. <i>Autoimmunity Reviews</i> , 2011, 10, 364-367.	5.8	7
32	PDTM-43. THE ROLE OF TUMOR ASSOCIATED MACROPHAGES IN PEDIATRIC HIGH-GRADE GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi213-vi213.	1.2	1
33	TMIC-31. GENETIC DRIVER-MUTATIONS DEFINE COMPOSITION AND PROPERTIES OF TUMOR-ASSOCIATED MYELOID CELLS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi262-vi263.	1.2	0
34	IMMU-09. MODULATING THE MYELOID POPULATION IN DIPG MODELS WITH ONCOLYTIC VIRUS AND COMPLEMENT INHIBITORS SHOWS THERAPEUTIC EFFICACY. <i>Neuro-Oncology</i> , 2021, 23, i28-i29.	1.2	0
35	TAMI-59. RECIPROCAL IMPACT OF CANCER IMMUNITY AND TUMOR HYPOXIA DURING GLIOBLASTOMA PROGRESSION. <i>Neuro-Oncology</i> , 2021, 23, vi210-vi210.	1.2	0
36	IMMU-21. THE COMBINATION OF DELTA-24-ACT WITH AN IMMUNE CHECKPOINT INHIBITOR RESULTS IN ANTI-GLIOMA EFFECT AND IMMUNE MEMORY. <i>Neuro-Oncology</i> , 2020, 22, ii109-ii109.	1.2	0