

# Liangxue Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,436  
citations

201385

27  
h-index

253896

43  
g-index

95  
all docs

95  
docs citations

95  
times ranked

3662  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of astrocytes in oxidative stress of central nervous system: A mixed blessing. <i>Cell Proliferation</i> , 2020, 53, e12781.	2.4	150
2	Chitosan for gene delivery: Methods for improvement and applications. <i>Advances in Colloid and Interface Science</i> , 2019, 268, 25-38.	7.0	140
3	B7-H3 as a Novel CAR-T Therapeutic Target for Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 279-287.	2.0	120
4	Tandem CAR-T cells targeting CD70 and B7-H3 exhibit potent preclinical activity against multiple solid tumors. <i>Theranostics</i> , 2020, 10, 7622-7634.	4.6	96
5	Regorafenib induces lethal autophagy arrest by stabilizing PSAT1 in glioblastoma. <i>Autophagy</i> , 2020, 16, 106-122.	4.3	91
6	EGF and curcumin co-encapsulated nanoparticle/hydrogel system as potent skin regeneration agent. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3993-4009.	3.3	87
7	In situ gel-forming AP-57 peptide delivery system for cutaneous wound healing. <i>International Journal of Pharmaceutics</i> , 2015, 495, 560-571.	2.6	76
8	B7-H3-Targeted CAR-T Cells Exhibit Potent Antitumor Effects on Hematologic and Solid Tumors. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 180-189.	2.0	67
9	Uric Acid Produces an Inflammatory Response through Activation of NF- $\kappa$ B in the Hypothalamus: Implications for the Pathogenesis of Metabolic Disorders. <i>Scientific Reports</i> , 2015, 5, 12144.	1.6	64
10	Improved anti-colorectal carcinomatosis effect of tannic acid co-loaded with oxaliplatin in nanoparticles encapsulated in thermosensitive hydrogel. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 279-289.	1.9	64
11	Nanofibers for improving the wound repair process: the combination of a grafted chitosan and an antioxidant agent. <i>Polymer Chemistry</i> , 2017, 8, 1664-1671.	1.9	63
12	Magnetolectric Nanoparticles Incorporated Biomimetic Matrix for Wireless Electrical Stimulation and Nerve Regeneration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100695.	3.9	59
13	Enhanced antitumor effects by docetaxel/LL37-loaded thermosensitive hydrogel nanoparticles in peritoneal carcinomatosis of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 7291.	3.3	49
14	Interleukin-7-loaded oncolytic adenovirus improves CAR-T cell therapy for glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2453-2465.	2.0	48
15	Curcumin exerts its tumor suppressive function via inhibition of NEDD4 oncoprotein in glioma cancer cells. <i>International Journal of Oncology</i> , 2017, 51, 467-477.	1.4	46
16	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42992-43002.	4.0	45
17	Bioactivity and safety of B7 $\alpha$ -targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1137.	1.7	41
18	Administration of B7-H3 targeted chimeric antigen receptor-T cells induce regression of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 125.	7.1	41

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19	Automatic detection on intracranial aneurysm from digital subtraction angiography with cascade convolutional neural networks. <i>BioMedical Engineering OnLine</i> , 2019, 18, 110.	1.3	38
20	Efficacy and safety of bempedoic acid for prevention of cardiovascular events and diabetes: a systematic review and meta-analysis. <i>Cardiovascular Diabetology</i> , 2020, 19, 128.	2.7	38
21	Potential of SARS-CoV-2 to Cause CNS Infection: Biologic Fundamental and Clinical Experience. <i>Frontiers in Neurology</i> , 2020, 11, 659.	1.1	38
22	AP-57/C10orf99 is a new type of multifunctional antimicrobial peptide. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 347-352.	1.0	37
23	SAE1 promotes human glioma progression through activating AKT SUMOylation-mediated signaling pathways. <i>Cell Communication and Signaling</i> , 2019, 17, 82.	2.7	37
24	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24469-24479.	4.0	36
25	Antioxidative and Conductive Nanoparticles-Embedded Cell Niche for Neural Differentiation and Spinal Cord Injury Repair. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52346-52361.	4.0	35
26	Small-Molecule Inhibitors Targeting Protein SUMOylation as Novel Anticancer Compounds. <i>Molecular Pharmacology</i> , 2018, 94, 885-894.	1.0	34
27	A machine learning model to precisely immunohistochemically classify pituitary adenoma subtypes with radiomics based on preoperative magnetic resonance imaging. <i>European Journal of Radiology</i> , 2020, 125, 108892.	1.2	32
28	Three types of gut bacteria collaborating to improve Kui Jie™ an enema treat DSS-induced colitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108751.	2.5	29
29	Immunotherapy of glioblastoma: Recent advances and future prospects. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-16.	1.4	29
30	Facile Construction of Chloroquine Containing PLGA-Based pDNA Delivery System for Efficient Tumor and Pancreatitis Targeting <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2015, 12, 2167-2179.	2.3	27
31	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , 2016, 6, 28373.	1.6	27
32	Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 450-458.	2.3	27
33	Effective improvement of the neuroprotective activity after spinal cord injury by synergistic effect of glucocorticoid with biodegradable amphipathic nanomicelles. <i>Drug Delivery</i> , 2017, 24, 391-401.	2.5	26
34	Recent Perspectives in Hot Melt Extrusion-Based Polymeric Formulations for Drug Delivery: Applications and Innovations. <i>AAPS PharmSciTech</i> , 2019, 20, 92.	1.5	26
35	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and VISTA in craniopharyngioma. , 2020, 8, e000406.		25
36	Static–Dynamic Profited Viscoelastic Hydrogels for Motor-Clutch-Regulated Neurogenesis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24463-24476.	4.0	23

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37	Enhancing the anti-glioma therapy of doxorubicin by honokiol with biodegradable self-assembling micelles through multiple evaluations. <i>Scientific Reports</i> , 2017, 7, 43501.	1.6	22
38	Effect of levothyroxine on pregnancy outcomes in women with thyroid autoimmunity: a systematic review with meta-analysis of randomized controlled trials. <i>Fertility and Sterility</i> , 2020, 114, 1306-1314.	0.5	21
39	Injectable thermosensitive hydrogel composite with surface-functionalized calcium phosphate as raw materials. <i>International Journal of Nanomedicine</i> , 2014, 9, 615.	3.3	20
40	A mechanically adaptive hydrogel neural interface based on silk fibroin for high-efficiency neural activity recording. <i>Materials Horizons</i> , 2022, 9, 2215-2225.	6.4	19
41	Preparation and ageing-resistant properties of polyester composites modified with functional nanoscale additives. <i>Nanoscale Research Letters</i> , 2014, 9, 215.	3.1	18
42	Novel nanoscale topography on poly(propylene carbonate)/poly( $\epsilon$ -caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , 2015, 5, 82834-82844.	1.7	18
43	In situ gel-forming dual drug delivery system for synergistic combination therapy of colorectal peritoneal carcinomatosis. <i>RSC Advances</i> , 2015, 5, 101494-101506.	1.7	18
44	Multiple brain hemorrhages and hematomas associated with ectopic fascioliasis in brain and eye. <i>World Neurosurgery</i> , 2008, 69, 516-521.	1.3	17
45	Docetaxel load biodegradable porous microspheres for the treatment of colorectal peritoneal carcinomatosis. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 100-107.	3.6	17
46	Downregulation of ARHGDI1 contributes to human glioma progression through activation of Rho GTPase signaling pathway. <i>Tumor Biology</i> , 2016, 37, 15783-15793.	0.8	17
47	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , 2017, 8, 17070-17080.	0.8	17
48	&lt;p&gt;Fabrication and Properties of a Biomimetic Dura Matter Substitute Based on Stereocomplex Poly(Lactic Acid) Nanofibers&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3729-3740.	3.3	17
49	The meningeal lymphatic vessels and the glymphatic system: Potential therapeutic targets in neurological disorders. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1364-1382.	2.4	17
50	Synthesis and biological evaluation of novel naphthalene compounds as potential antidepressant agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 263-273.	2.6	16
51	Hollow Microcapsules with Ulcerative Colitis Therapeutic Effects Made of Multifunctional Turkish Galls Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25054-25065.	4.0	16
52	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , 2020, 10, 1527.	1.3	16
53	Fabrication and in vivo chondrification of a poly(propylene carbonate)/lactide-grafted tetracalcium phosphate electrospun scaffold for cartilage tissue engineering. <i>RSC Advances</i> , 2015, 5, 42943-42954.	1.7	15
54	Characterization of novel CTNBN1 mutation in Craniopharyngioma by whole-genome sequencing. <i>Molecular Cancer</i> , 2021, 20, 168.	7.9	15

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55	Preparation and characterization of polylactide/poly( $\epsilon$ -caprolactone)-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 engineering. <i>International Journal of Nanomedicine</i> , 2014, 9, 1991.	3.3	14
56	Combination therapy with B7H3-redirected bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. <i>Theranostics</i> , 2020, 10, 10498-10512.	4.6	13
57	Inhibition of neuronal necroptosis mediated by RIP1/RIP3/MLKL provides neuroprotective effects on kaolin-induced hydrocephalus in mice. <i>Cell Proliferation</i> , 2021, 54, e13108.	2.4	13
58	Scaffold Hopping Toward Agomelatine: Novel 3, 4-Dihydroisoquinoline Compounds as Potential Antidepressant Agents. <i>Scientific Reports</i> , 2016, 6, 34711.	1.6	11
59	Improving the pharmacokinetics and tissue distribution of pyrenezolid by self-assembled polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 149-156.	2.5	11
60	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2017, 131, 21-29.	1.4	11
61	Scaffold hopping of agomelatine leads to enhanced antidepressant effects by modulation of gut microbiota and host immune responses. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 192, 172910.	1.3	11
62	Fn14-targeted BiTE and CAR-T cells demonstrate potent preclinical activity against glioblastoma. <i>OncImmunity</i> , 2021, 10, 1983306.	2.1	11
63	Primary Rathke's cleft cyst in the cerebellopontine angle associated with apoplexy. <i>Child's Nervous System</i> , 2010, 26, 1813-1817.	0.6	10
64	Frequent B7-H3 overexpression in craniopharyngioma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 379-385.	1.0	10
65	Adult Sellar Region Atypical Teratoid/Rhabdoid Tumor: A Retrospective Study and Literature Review. <i>Frontiers in Neurology</i> , 2020, 11, 604612.	1.1	10
66	Aldehyde-methacrylate-hyaluronan profited hydrogel system integrating aligned and viscoelastic cues for neurogenesis. <i>Carbohydrate Polymers</i> , 2022, 278, 118961.	5.1	9
67	Three adolescents with Lhermitte-Duclos disease. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 124-127.	0.8	8
68	Three-dimensional-printed collagen/chitosan/secretome derived from HUCMSCs scaffolds for efficient neural network reconstruction in canines with traumatic brain injury. <i>International Journal of Energy Production and Management</i> , 2022, 9, .	1.9	8
69	The Effectiveness of Lumbar Drainage in the Management of Delayed or Recurrent Cerebrospinal Fluid Leaks: A Retrospective Case Series in a Single Center. <i>World Neurosurgery</i> , 2019, 129, e845-e850.	0.7	7
70	AP-64, Encoded by C5orf46, Exhibits Antimicrobial Activity against Gram-Negative Bacteria. <i>Biomolecules</i> , 2021, 11, 485.	1.8	6
71	Genome-scale CRISPR-Cas9 screen reveals novel regulators of B7-H3 in tumor cells. , 2022, 10, e004875.		6
72	The expanding family of noncanonical regulatory cell subsets. <i>Journal of Leukocyte Biology</i> , 2019, 106, 369-383.	1.5	5

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73	Hyaluronic Acid-Conjugated Nanoparticles for the Targeted Delivery of Cabazitaxel to CD44-Overexpressing Glioblastoma Cells. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 595-605.	0.5	5
74	Radiological features of craniopharyngiomas located in the posterior fossa. <i>Journal of the Neurological Sciences</i> , 2009, 287, 119-125.	0.3	4
75	High FABP5 Versus CRABP II Expression Ratio in Recurrent Craniopharyngiomas: Implications for Future Treatment. <i>World Neurosurgery</i> , 2016, 94, 197-205.	0.7	3
76	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , 2020, 12, 11061-11070.	1.4	3
77	Using a Convolutional Neural Network and Convolutional Long Short-term Memory to Automatically Detect Aneurysms on 2D Digital Subtraction Angiography Images: Framework Development and Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e28880.	1.3	3
78	Microarray gene expression profiling and bioinformatics analysis reveal key differentially expressed genes in clival and sacral chordoma cell lines. <i>Neurological Research</i> , 2019, 41, 554-561.	0.6	2
79	Case report: neonatal giant forehead hemangiopericytoma with a 5-year follow-up. <i>Medicine (United States)</i> 2021, 100, e21431.	0.4	2
80	Compared with conventional procedures, an intraoperative navigation system for ventriculoperitoneal shunting via the occipital horn improves outcomes in patients with hydrocephalus. <i>British Journal of Neurosurgery</i> , 2021, 35, 292-300.	0.4	2
81	Papillary meningioma of the central nervous system: a SEER database analysis. <i>Neurosurgical Review</i> , 2021, 44, 2777-2784.	1.2	2
82	Sellar Region Lesions and Intracranial Aneurysms in the Era of Endoscopic Endonasal Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 802426.	1.5	2
83	HepG2.2.15 as a model for studying cell protrusion and migration regulated by S100 proteins. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 175-181.	1.0	1
84	Infantile Giant Intracranial Aneurysm Resection and In Situ Anastomosis. <i>World Neurosurgery</i> , 2020, 142, 112-116.	0.7	1
85	Screening for genes and subnetworks associated with atypical teratoid/rhabdoid tumors using bioinformatics analysis. <i>International Journal of Neuroscience</i> , 2021, 131, 319-326.	0.8	1
86	Risk Factors With Neurotoxicity After Chimeric Antigen Receptor T-Cell Therapy. <i>JAMA Neurology</i> , 2021, 78, 763.	4.5	1
87	Anterior endoscopic transcortical approach to a pineal region cavernous hemangioma. <i>Neurosurgical Focus Video</i> , 2021, 5, V15.	0.1	1
88	High-grade meningiomas in octogenarian and elderly patients: A population-based SEER analysis. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 165-170.	0.8	1
89	Diencephalic syndrome in a female child due to intracranial germinoma: a case report. <i>Child's Nervous System</i> , 2022, 38, 2033-2035.	0.6	1
90	Treatment of Familial Hypercholesterolemia with Intracranial Xanthoma: Case Report. <i>Frontiers in Surgery</i> , 2022, 9, 875422.	0.6	0