

# Liangxue Zhou

## 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.

84  
papers

1,269  
citations

20  
h-index

32  
g-index

95  
ext. papers

1,878  
ext. citations

6.2  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
84	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> , <b>2022</b> , 10, e28880	3.6	
83	Aldehyde-methacrylate-hyaluronan profited hydrogel system integrating aligned and viscoelastic cues for neurogenesis.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 278, 118961	10.3	1
82	Immunotherapy of glioblastoma: recent advances and future prospects.. <i>Human Vaccines and Immunotherapeutics</i> , <b>2022</b> , 1-16	4.4	0
81	The meningeal lymphatic vessels and the glymphatic system: Potential therapeutic targets in neurological disorders.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2022</b> , 271678X221098145	7.3	4
80	Treatment of Familial Hypercholesterolemia with Intracranial Xanthoma: Case Report.. <i>Frontiers in Surgery</i> , <b>2022</b> , 9, 875422	2.3	
79	Sellar Region Lesions and Intracranial Aneurysms in the Era of Endoscopic Endonasal Approach.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 802426	5.7	
78	Hyaluronic Acid-Conjugated Nanoparticles for the Targeted Delivery of Cabazitaxel to CD44-Overexpressing Glioblastoma Cells.. <i>Journal of Biomedical Nanotechnology</i> , <b>2021</b> , 17, 595-605	4	0
77	Characterization of novel CTNNB1 mutation in Craniopharyngioma by whole-genome sequencing.. <i>Molecular Cancer</i> , <b>2021</b> , 20, 168	42.1	1
76	Administration of B7-H3 targeted chimeric antigen receptor-T cells induce regression of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 125	21	9
75	Static-Dynamic Profited Viscoelastic Hydrogels for Motor-Clutch-Regulated Neurogenesis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 24463-24476	9.5	6
74	Risk Factors With Neurotoxicity After Chimeric Antigen Receptor T-Cell Therapy. <i>JAMA Neurology</i> , <b>2021</b> , 78, 763-764	17.2	0
73	Magnetolectric Nanoparticles Incorporated Biomimetic Matrix for Wireless Electrical Stimulation and Nerve Regeneration. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100695	10.1	6
72	Screening for genes and subnetworks associated with atypical teratoid/rhabdoid tumors using bioinformatics analysis. <i>International Journal of Neuroscience</i> , <b>2021</b> , 131, 319-326	2	
71	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> , <b>2021</b> , 35, 292-300	1	0
70	Fn14-targeted BiTE and CAR-T cells demonstrate potent preclinical activity against glioblastoma. <i>OncImmunity</i> , <b>2021</b> , 10, 1983306	7.2	1
69	Papillary meningioma of the central nervous system: a SEER database analysis. <i>Neurosurgical Review</i> , <b>2021</b> , 44, 2777-2784	3.9	0
68	Interleukin-7-loaded oncolytic adenovirus improves CAR-T cell therapy for glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , <b>2021</b> , 70, 2453-2465	7.4	10

67	AP-64, Encoded by , Exhibits Antimicrobial Activity against Gram-Negative Bacteria. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	2
66	High-grade meningiomas in octogenarian and elderly patients: A population-based SEER analysis. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 89, 165-170	2.2	
65	Inhibition of neuronal necroptosis mediated by RIP1/RIP3/MLKL provides neuroprotective effects on kaolin-induced hydrocephalus in mice. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13108	7.9	5
64	B7-H3-Targeted CAR-T Cells Exhibit Potent Antitumor Effects on Hematologic and Solid Tumors. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 17, 180-189	6.4	27
63	Fabrication and Properties of a Biomimetic Dura Matter Substitute Based on Stereocomplex Poly(Lactic Acid) Nanofibers. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 3729-3740	7.3	8
62	Bioactivity and safety of B7-H3-targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e1137	6.8	15
61	Potential of SARS-CoV-2 to Cause CNS Infection: Biologic Fundamental and Clinical Experience. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 659	4.1	27
60	Scaffold hopping of agomelatine leads to enhanced antidepressant effects by modulation of gut microbiota and host immune responses. <i>Pharmacology Biochemistry and Behavior</i> , <b>2020</b> , 192, 172910	3.9	4
59	Infantile Giant Intracranial Aneurysm Resection and In Situ Anastomosis. <i>World Neurosurgery</i> , <b>2020</b> , 142, 112-116	2.1	0
58	The role of astrocytes in oxidative stress of central nervous system: A mixed blessing. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12781	7.9	55
57	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> , <b>2020</b> , 125, 108892	4.7	18
56	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , <b>2020</b> , 12, 11061-11070	5.6	0
55	Adult Sellar Region Atypical Teratoid/Rhabdoid Tumor: A Retrospective Study and Literature Review. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 604612	4.1	5
54	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> , <b>2020</b> , 114, 1306-1314	4.8	8
53	Tandem CAR-T cells targeting CD70 and B7-H3 exhibit potent preclinical activity against multiple solid tumors. <i>Theranostics</i> , <b>2020</b> , 10, 7622-7634	12.1	42
52	Efficacy and safety of bempedoic acid for prevention of cardiovascular events and diabetes: a systematic review and meta-analysis. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 128	8.7	19
51	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and VISTA in craniopharyngioma <b>2020</b> , 8,		10
50	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1527	5.3	9

49	Combination therapy with B7H3-redirected bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. <i>Theranostics</i> , <b>2020</b> , 10, 10498-10512	12.1	3
48	Regorafenib induces lethal autophagy arrest by stabilizing PSAT1 in glioblastoma. <i>Autophagy</i> , <b>2020</b> , 16, 106-122	10.2	39
47	B7-H3 as a Novel CAR-T Therapeutic Target for Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , <b>2019</b> , 14, 279-287	6.4	59
46	Recent Perspectives in Hot Melt Extrusion-Based Polymeric Formulations for Drug Delivery: Applications and Innovations. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 92	3.9	14
45	Hollow Microcapsules with Ulcerative Colitis Therapeutic Effects Made of Multifunctional Turkish Galls Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 25054-25065	9.5	6
44	Frequent B7-H3 overexpression in craniopharyngioma. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 514, 379-385	3.4	5
43	Chitosan for gene delivery: Methods for improvement and applications. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 268, 25-38	14.3	72
42	Microarray gene expression profiling and bioinformatics analysis reveal key differentially expressed genes in clival and sacral chordoma cell lines. <i>Neurological Research</i> , <b>2019</b> , 41, 554-561	2.7	1
41	Three types of gut bacteria collaborating to improve Kui JieEn enema treat DSS-induced colitis in mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 113, 108751	7.5	18
40	The expanding family of noncanonical regulatory cell subsets. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 106, 369-383	6.5	4
39	SAE1 promotes human glioma progression through activating AKT SUMOylation-mediated signaling pathways. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 82	7.5	17
38	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> , <b>2019</b> , 129, e845-e850	2.1	3
37	Automatic detection on intracranial aneurysm from digital subtraction angiography with cascade convolutional neural networks. <i>BioMedical Engineering OnLine</i> , <b>2019</b> , 18, 110	4.1	17
36	Case report: neonatal giant forehead hemangiopericytoma with a 5-year follow-up. <i>Medicine (United States)</i> , <b>2019</b> , 98, e17888	1.8	1
35	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> , <b>2019</b> , 128, 279-289	5.1	34
34	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 24469-24479	9.5	21
33	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42992-43002	9.5	29
32	Small-Molecule Inhibitors Targeting Protein SUMOylation as Novel Anticancer Compounds. <i>Molecular Pharmacology</i> , <b>2018</b> , 94, 885-894	4.3	27

31	Nanofibers for improving the wound repair process: the combination of a grafted chitosan and an antioxidant agent. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 1664-1671	4.9	51
30	Enhancing the anti-glioma therapy of doxorubicin by honokiol with biodegradable self-assembling micelles through multiple evaluations. <i>Scientific Reports</i> , <b>2017</b> , 7, 43501	4.9	18
29	Effective improvement of the neuroprotective activity after spinal cord injury by synergistic effect of glucocorticoid with biodegradable amphipathic nanomicelles. <i>Drug Delivery</i> , <b>2017</b> , 24, 391-401	7	22
28	Improving the pharmacokinetics and tissue distribution of pyrenezolid by self-assembled polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 156, 149-156	6	5
27	Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. <i>Molecular Therapy - Nucleic Acids</i> , <b>2017</b> , 8, 450-458	10.7	19
26	Curcumin exerts its tumor suppressive function via inhibition of NEDD4 oncoprotein in glioma cancer cells. <i>International Journal of Oncology</i> , <b>2017</b> , 51, 467-477	4.4	30
25	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 131, 21-29	4.8	10
24	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , <b>2017</b> , 8, 17070-17080	5.3	17080
23	High FABP5 Versus CRABP II Expression Ratio in Recurrent Craniopharyngiomas: Implications for Future Treatment. <i>World Neurosurgery</i> , <b>2016</b> , 94, 197-205	2.1	3
22	Scaffold Hopping Toward Agomelatine: Novel 3, 4-Dihydroisoquinoline Compounds as Potential Antidepressant Agents. <i>Scientific Reports</i> , <b>2016</b> , 6, 34711	4.9	10
21	EGF and curcumin co-encapsulated nanoparticle/hydrogel system as potent skin regeneration agent. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 3993-4009	7.3	71
20	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , <b>2016</b> , 6, 28373	4.9	20
19	Downregulation of ARHGAP23 contributes to human glioma progression through activation of Rho GTPase signaling pathway. <i>Tumor Biology</i> , <b>2016</b> , 37, 15783	2.9	12
18	AP-57/C10orf99 is a new type of multifunctional antimicrobial peptide. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 457, 347-52	3.4	20
17	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> , <b>2015</b> , 5, 12144	4.9	45
16	Facile Construction of Chloroquine Containing PLGA-Based pDNA Delivery System for Efficient Tumor and Pancreatitis Targeting in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2167-79	5.6	23
15	Novel nanoscale topography on poly(propylene carbonate)/poly( $\epsilon$ -caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , <b>2015</b> , 5, 82834-82844	3.7	16
14	In situ gel-forming AP-57 peptide delivery system for cutaneous wound healing. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 560-571	6.5	49

13	In situ gel-forming dual drug delivery system for synergistic combination therapy of colorectal peritoneal carcinomatosis. <i>RSC Advances</i> , <b>2015</b> , 5, 101494-101506	3.7	15
12	Enhanced antitumor effects by docetaxel/LL37-loaded thermosensitive hydrogel nanoparticles in peritoneal carcinomatosis of colorectal cancer. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 7291-3053	7.3	36
11	Fabrication and in vivo chondrification of a poly(propylene carbonate)/L-lactide-grafted tetracalcium phosphate electrospun scaffold for cartilage tissue engineering. <i>RSC Advances</i> , <b>2015</b> , 5, 42943-42954	3.7	15
10	Preparation and ageing-resistant properties of polyester composites modified with functional nanoscale additives. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 215	5	15
9	Synthesis and biological evaluation of novel naphthalene compounds as potential antidepressant agents. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 82, 263-73	6.8	13
8	Docetaxel load biodegradable porous microspheres for the treatment of colorectal peritoneal carcinomatosis. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 69, 100-7	7.9	14
7	Injectable thermosensitive hydrogel composite with surface-functionalized calcium phosphate as raw materials. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 615-26	7.3	16
6	Preparation and characterization of polylactide/poly(ε-caprolactone)-poly(ethylene glycol)-poly(ε-caprolactone) hybrid fibers for potential application in bone tissue engineering. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 1991-2003	7.3	12
5	HepG2.2.15 as a model for studying cell protrusion and migration regulated by S100 proteins. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 449, 175-81	3.4	1
4	Primary Rathke's cleft cyst in the cerebellopontine angle associated with apoplexy. <i>Childs Nervous System</i> , <b>2010</b> , 26, 1813-7	1.7	6
3	Three adolescents with Lhermitte-Duclos disease. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 124-7	2.2	6
2	Radiological features of craniopharyngiomas located in the posterior fossa. <i>Journal of the Neurological Sciences</i> , <b>2009</b> , 287, 119-25	3.2	3
1	Multiple brain hemorrhages and hematomas associated with ectopic fascioliasis in brain and eye. <i>World Neurosurgery</i> , <b>2008</b> , 69, 516-21		15