

Liangxue Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,436
citations

201674
27
h-index

254184
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.	5.3	150
2	Chitosan for gene delivery: Methods for improvement and applications. <i>Advances in Colloid and Interface Science</i> , 2019, 268, 25-38.	14.7	140
3	B7-H3 as a Novel CAR-T Therapeutic Target for Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 279-287.	4.4	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.	10.0	96
5	Regorafenib induces lethal autophagy arrest by stabilizing PSAT1 in glioblastoma. <i>Autophagy</i> , 2020, 16, 106-122.	9.1	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.	6.7	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.	5.2	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.	4.4	67
9	Uric Acid Produces an Inflammatory Response through Activation of NF- κ B in the Hypothalamus: Implications for the Pathogenesis of Metabolic Disorders. <i>Scientific Reports</i> , 2015, 5, 12144.	3.3	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.	4.0	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.	3.9	63
12	Magnetoelectric Nanoparticles Incorporated Biomimetic Matrix for Wireless Electrical Stimulation and Nerve Regeneration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100695.	7.6	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.	6.7	49
14	Interleukin-7-loaded oncolytic adenovirus improves CAR-T cell therapy for glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2453-2465.	4.2	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.	3.3	46
16	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42992-43002.	8.0	45
17	Bioactivity and safety of B7 α -targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1137.	3.8	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.	17.1	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.	2.7	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.	6.8	38
21	Potential of SARS-CoV-2 to Cause CNS Infection: Biologic Fundamental and Clinical Experience. <i>Frontiers in Neurology</i> , 2020, 11, 659.	2.4	38
22	AP-57/C10orf99 is a new type of multifunctional antimicrobial peptide. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 347-352.	2.1	37
23	SAE1 promotes human glioma progression through activating AKT SUMOylation-mediated signaling pathways. <i>Cell Communication and Signaling</i> , 2019, 17, 82.	6.5	37
24	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24469-24479.	8.0	36
25	Antioxidative and Conductive Nanoparticles-Embedded Cell Niche for Neural Differentiation and Spinal Cord Injury Repair. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52346-52361.	8.0	35
26	Small-Molecule Inhibitors Targeting Protein SUMOylation as Novel Anticancer Compounds. <i>Molecular Pharmacology</i> , 2018, 94, 885-894.	2.3	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.	2.6	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.	5.6	29
29	Immunotherapy of glioblastoma: Recent advances and future prospects. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-16.	3.3	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.	4.6	27
31	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , 2016, 6, 28373.	3.3	27
32	Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 450-458.	5.1	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.	5.7	26
34	Recent Perspectives in Hot Melt Extrusion-Based Polymeric Formulations for Drug Delivery: Applications and Innovations. <i>AAPS PharmSciTech</i> , 2019, 20, 92.	3.3	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 & Interfaces</i> , 2021, 13, 24463-24476.	8.0	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.	3.3	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.	1.0	21
39	Injectable thermosensitive hydrogel composite with surface-functionalized calcium phosphate as raw materials. <i>International Journal of Nanomedicine</i> , 2014, 9, 615.	6.7	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.	12.2	19
41	Preparation and ageing-resistant properties of polyester composites modified with functional nanoscale additives. <i>Nanoscale Research Letters</i> , 2014, 9, 215.	5.7	18
42	Novel nanoscale topography on poly(propylene carbonate)/poly(μ -caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , 2015, 5, 82834-82844.	3.6	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.	3.6	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.	7.5	17
46	Downregulation of ARHGDI A contributes to human glioma progression through activation of Rho GTPase signaling pathway. <i>Tumor Biology</i> , 2016, 37, 15783-15793.	1.8	17
47	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , 2017, 8, 17070-17080.	1.8	17
48	<p></p>Fabrication and Properties of a Biomimetic Dura Matter Substitute Based on Stereocomplex Poly(Lactic Acid) Nanofibers</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3729-3740.	6.7	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.	4.3	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.	5.5	16
51	Hollow Microcapsules with Ulcerative Colitis Therapeutic Effects Made of Multifunctional Turkish Galls Extraction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25054-25065.	8.0	16
52	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , 2020, 10, 1527.	2.8	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.	3.6	15
54	Characterization of novel CTNNB1 mutation in Craniopharyngioma by whole-genome sequencing. <i>Molecular Cancer</i> , 2021, 20, 168.	19.2	15

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55	Preparation and characterization of polylactide/poly(ϵ -caprolactone)-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 14 engineering. International Journal of Nanomedicine, 2014, 9, 1991.	6.7	14
56	Combination therapy with B7H3-redirected bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. Theranostics, 2020, 10, 10498-10512.	10.0	13
57	Inhibition of neuronal necroptosis mediated by RIP1/RIP3/MLKL provides neuroprotective effects on kaolin-induced hydrocephalus in mice. Cell Proliferation, 2021, 54, e13108.	5.3	13
58	Scaffold Hopping Toward Agomelatine: Novel 3, 4-Dihydroisoquinoline Compounds as Potential Antidepressant Agents. Scientific Reports, 2016, 6, 34711.	3.3	11
59	Improving the pharmacokinetics and tissue distribution of pyrenezolid by self-assembled polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2017, 156, 149-156.	5.0	11
60	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. Journal of Neuro-Oncology, 2017, 131, 21-29.	2.9	11
61	Scaffold hopping of agomelatine leads to enhanced antidepressant effects by modulation of gut microbiota and host immune responses. Pharmacology Biochemistry and Behavior, 2020, 192, 172910.	2.9	11
62	Fn14-targeted BiTE and CAR-T cells demonstrate potent preclinical activity against glioblastoma. OncoImmunology, 2021, 10, 1983306.	4.6	11
63	Primary Rathke's cleft cyst in the cerebellopontine angle associated with apoplexy. Child's Nervous System, 2010, 26, 1813-1817.	1.1	10
64	Frequent B7-H3 overexpression in craniopharyngioma. Biochemical and Biophysical Research Communications, 2019, 514, 379-385.	2.1	10
65	Adult Sellar Region Atypical Teratoid/Rhabdoid Tumor: A Retrospective Study and Literature Review. Frontiers in Neurology, 2020, 11, 604612.	2.4	10
66	Aldehyde-methacrylate-hyaluronan profited hydrogel system integrating aligned and viscoelastic cues for neurogenesis. Carbohydrate Polymers, 2022, 278, 118961.	10.2	9
67	Three adolescents with Lhermitte-Duclos disease. Journal of Clinical Neuroscience, 2009, 16, 124-127.	1.5	8
68	Three-dimensional-printed collagen/chitosan/secatome derived from HUCMSCs scaffolds for efficient neural network reconstruction in canines with traumatic brain injury. International Journal of Energy Production and Management, 2022, 9, .	3.7	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. World Neurosurgery, 2019, 129, e845-e850.	1.3	7
70	AP-64, Encoded by C5orf46, Exhibits Antimicrobial Activity against Gram-Negative Bacteria. Biomolecules, 2021, 11, 485.	4.0	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. Journal of Leukocyte Biology, 2019, 106, 369-383.	3.3	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.	1.1	5
74	Radiological features of craniopharyngiomas located in the posterior fossa. <i>Journal of the Neurological Sciences</i> , 2009, 287, 119-125.	0.6	4
75	High FABP5 Versus CRABPII Expression Ratio in Recurrent Craniopharyngiomas: Implications for Future Treatment. <i>World Neurosurgery</i> , 2016, 94, 197-205.	1.3	3
76	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , 2020, 12, 11061-11070.	3.1	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.	2.6	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.	1.3	2
79	Case report: neonatal giant forehead hemangiopericytoma with a 5-year follow-up. <i>Medicine (United Kingdom)</i> 2021; 100(14):e024314. doi:10.1093/med/uaab014	0.784314	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.	0.8	2
81	Papillary meningioma of the central nervous system: a SEER database analysis. <i>Neurosurgical Review</i> , 2021, 44, 2777-2784.	2.4	2
82	Sellar Region Lesions and Intracranial Aneurysms in the Era of Endoscopic Endonasal Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 802426.	3.5	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.	2.1	1
84	Infantile Giant Intracranial Aneurysm Resection and In Situ Anastomosis. <i>World Neurosurgery</i> , 2020, 142, 112-116.	1.3	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.	1.6	1
86	Risk Factors With Neurotoxicity After Chimeric Antigen Receptor T-Cell Therapy. <i>JAMA Neurology</i> , 2021, 78, 763.	9.0	1
87	Anterior endoscopic transcortical approach to a pineal region cavernous hemangioma. <i>Neurosurgical Focus Video</i> , 2021, 5, V15.	0.3	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.	1.5	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.	1.1	1
90	Treatment of Familial Hypercholesterolemia with Intracranial Xanthoma: Case Report. <i>Frontiers in Surgery</i> , 2022, 9, 875422.	1.4	0