

# Lu Zhang

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

71  
papers

2,752  
citations

26  
h-index

52  
g-index

76  
ext. papers

3,532  
ext. citations

8  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
71	Cancer Cell Membrane Camouflaged Cascade Bioreactor for Cancer Targeted Starvation and Photodynamic Therapy. <i>ACS Nano</i> , <b>2017</b> , 11, 7006-7018	16.7	492
70	An Adenosine Triphosphate-Responsive Autocatalytic Fenton Nanoparticle for Tumor Ablation with Self-Supplied HO and Acceleration of Fe(III)/Fe(II) Conversion. <i>Nano Letters</i> , <b>2018</b> , 18, 7609-7618	11.5	287
69	NLRC3, a member of the NLR family of proteins, is a negative regulator of innate immune signaling induced by the DNA sensor STING. <i>Immunity</i> , <b>2014</b> , 40, 329-41	32.3	176
68	Cancer cell membrane-coated biomimetic platform for tumor targeted photodynamic therapy and hypoxia-amplified bioreductive therapy. <i>Biomaterials</i> , <b>2017</b> , 142, 149-161	15.6	156
67	Dual-Stage Light Amplified Photodynamic Therapy against Hypoxic Tumor Based on an O Self-Sufficient Nanoplatform. <i>Small</i> , <b>2017</b> , 13, 1701621	11	139
66	CD163+ tumor-associated macrophages correlated with poor prognosis and cancer stem cells in oral squamous cell carcinoma. <i>BioMed Research International</i> , <b>2014</b> , 2014, 838632	3	109
65	Autophagy in SDF-1 $\beta$ -mediated DPSC migration and pulp regeneration. <i>Biomaterials</i> , <b>2015</b> , 44, 11-23	15.6	98
64	A Charge Reversible Self-Delivery Chimeric Peptide with Cell Membrane-Targeting Properties for Enhanced Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700220	15.6	84
63	Artificial Super Neutrophils for Inflammation Targeting and HClO Generation against Tumors and Infections. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901179	24	74
62	Artificially Reprogrammed Macrophages as Tumor-Tropic Immunosuppression-Resistant Biologics to Realize Therapeutics Production and Immune Activation. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807211	24	73
61	MnO Motor: A Prospective Cancer-Starving Therapy Promoter. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15030-15039	9.5	72
60	Enzyme-Driven Membrane-Targeted Chimeric Peptide for Enhanced Tumor Photodynamic Immunotherapy. <i>ACS Nano</i> , <b>2019</b> , 13, 11249-11262	16.7	67
59	Blockage of the NLRP3 inflammasome by MCC950 improves anti-tumor immune responses in head and neck squamous cell carcinoma. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 2045-2058	10.3	60
58	NIR Light-Triggered Degradable MoTe <sub>2</sub> Nanosheets for Combined Photothermal and Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801139	15.6	57
57	A Transformable Chimeric Peptide for Cell Encapsulation to Overcome Multidrug Resistance. <i>Small</i> , <b>2018</b> , 14, e1703321	11	55
56	Sirt6 Suppresses High Glucose-Induced Mitochondrial Dysfunction and Apoptosis in Podocytes through AMPK Activation. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 701-713	11.2	47
55	Clinical significance of Keap1 and Nrf2 in oral squamous cell carcinoma. <i>PLoS ONE</i> , <b>2013</b> , 8, e83479	3.7	44

54	pH-sensitive MOF integrated with glucose oxidase for glucose-responsive insulin delivery. <i>Journal of Controlled Release</i> , <b>2020</b> , 320, 159-167	11.7	38
53	A self-delivery membrane system for enhanced anti-tumor therapy. <i>Biomaterials</i> , <b>2018</b> , 161, 81-94	15.6	38
52	Epithelial expression of SHH signaling pathway in odontogenic tumors. <i>Oral Oncology</i> , <b>2006</b> , 42, 398-408	4.4	38
51	Severe acute respiratory syndrome coronavirus 2(SARS-CoV-2) infection during late pregnancy: a report of 18 patients from Wuhan, China. <i>BMC Pregnancy and Childbirth</i> , <b>2020</b> , 20, 394	3.2	34
50	An ATP-Regulated Ion Transport Nanosystem for Homeostatic Perturbation Therapy and Sensitizing Photodynamic Therapy by Autophagy Inhibition of Tumors. <i>ACS Central Science</i> , <b>2019</b> , 5, 327-340	16.8	34
49	Near infrared light-triggered metal ion and photodynamic therapy based on AgNPs/porphyrinic MOFs for tumors and pathogens elimination. <i>Biomaterials</i> , <b>2020</b> , 248, 120029	15.6	33
48	Epidermal growth factor receptor inhibition reduces angiogenesis via hypoxia-inducible factor-1 $\alpha$ and Notch1 in head neck squamous cell carcinoma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119723	3.7	31
47	Inhibition of SHH signaling pathway: molecular treatment strategy of odontogenic keratocyst. <i>Medical Hypotheses</i> , <b>2006</b> , 67, 1242-4	3.8	27
46	MMP9 deficiency increased the size of experimentally induced apical periodontitis. <i>Journal of Endodontics</i> , <b>2014</b> , 40, 658-64	4.7	26
45	FoxO3a Regulates Inflammation-induced Autophagy in Odontoblasts. <i>Journal of Endodontics</i> , <b>2018</b> , 44, 786-791	4.7	20
44	Autophagy activation contributes to lipid accumulation in tubular epithelial cells during kidney fibrosis. <i>Cell Death Discovery</i> , <b>2018</b> , 4, 2	6.9	20
43	Csk regulates angiotensin II-induced podocyte apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2016</b> , 21, 846-55	5.4	19
42	Sonic hedgehog signaling is critical for cytodifferentiation and cusp formation in developing mouse molars. <i>Journal of Molecular Histology</i> , <b>2008</b> , 39, 87-94	3.3	17
41	Allopurinol preconditioning attenuates renal ischemia/reperfusion injury by inhibiting HMGB1 expression in a rat model. <i>Acta Cirurgica Brasileira</i> , <b>2016</b> , 31, 176-82	1.6	17
40	The Dentin Sialoprotein (DSP) Domain Regulates Dental Mesenchymal Cell Differentiation through a Novel Surface Receptor. <i>Scientific Reports</i> , <b>2016</b> , 6, 29666	4.9	17
39	Inhibition of survivin reduces HIF-1 $\alpha$ /TGF- $\beta$ and TFE3 in salivary adenoid cystic carcinoma. <i>PLoS ONE</i> , <b>2014</b> , 9, e114051	3.7	15
38	Clinical Characteristics of Pregnant Women With Coronavirus Disease 2019 in Wuhan, China. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa294	1	15
37	Platelet-Facilitated Photothermal Therapy of Head and Neck Squamous Cell Carcinoma. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 998-1003	3.6	14

36	Expression of LC3, LAMP2, KEAP1 and NRF2 in Salivary Adenoid Cystic Carcinoma. <i>Pathology and Oncology Research</i> , <b>2016</b> , 22, 109-14	2.6	13
35	Role of c-Abl and nephrin in podocyte cytoskeletal remodeling induced by angiotensin II. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 185	9.8	13
34	Role of hypoxia-inducible factor-1 $\alpha$ and CD146 in epidermal growth factor receptor-mediated angiogenesis in salivary gland adenoid cystic carcinoma. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 3432-3438	2.9	12
33	Nanocatalyst-Mediated Chemodynamic Tumor Therapy. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2101971	10.1	12
32	Inhibition of mTOR reduce Stat3 and PAI related angiogenesis in salivary gland adenoid cystic carcinoma. <i>American Journal of Cancer Research</i> , <b>2014</b> , 4, 764-75	4.4	12
31	IRX5 promotes NF- $\kappa$ B signalling to increase proliferation, migration and invasion via OPN in tongue squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 3899	5.6	12
30	pDC depletion induced by CD317 blockade drives the antitumor immune response in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , <b>2019</b> , 96, 131-139	4.4	10
29	Targeting phosphorylation of STAT3 delays tumor growth in HPV-negative anal squamous cell carcinoma mouse model. <i>Scientific Reports</i> , <b>2017</b> , 7, 6629	4.9	10
28	HIF-1 $\alpha$ contributes to Ang II-induced inflammatory cytokine production in podocytes. <i>BMC Pharmacology &amp; Toxicology</i> , <b>2019</b> , 20, 59	2.6	9
27	SIRT6 overexpression inhibits cementogenesis by suppressing glucose transporter 1. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 4005-4014	7	9
26	Upregulated Promotes RCC Cell Migration and Invasion by Regulating the Axis in Renal Cell Carcinoma. <i>OncoTargets and Therapy</i> , <b>2020</b> , 13, 11237-11252	4.4	8
25	Sp1 is a competitive endogenous RNA of Klf4 during odontoblast differentiation. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 85, 159-165	5.6	7
24	SP1 promotes the odontoblastic differentiation of dental papilla cells. <i>Development Growth and Differentiation</i> , <b>2015</b> , 57, 400-407	3	7
23	DEAD-Box RNA Helicases in Cell Cycle Control and Clinical Therapy. <i>Cells</i> , <b>2021</b> , 10,	7.9	7
22	Application of electrophoretic deposition to occlude dentinal tubules in vitro. <i>Journal of Dentistry</i> , <b>2018</b> , 71, 43-48	4.8	6
21	Circ_0007331 knock-down suppresses the progression of endometriosis via miR-200c-3p/HIF-1 $\alpha$ axis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 12656-12666	5.6	6
20	Stomata-like metal peptide coordination polymer. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 23440-23445	5.3	5
19	Activation of mitophagy in inflamed odontoblasts. <i>Oral Diseases</i> , <b>2019</b> , 25, 1581-1588	3.5	5

18	Wuchang Fangcang Shelter Hospital: Practices, Experiences, and Lessons Learned in Controlling COVID-19. <i>SN Comprehensive Clinical Medicine</i> , <b>2020</b> , 2, 1-6	2.7	5
17	Bio-inspired nanoenzyme for metabolic reprogramming and anti-inflammatory treatment of hyperuricemia and gout. <i>Science China Chemistry</i> , <b>2021</b> , 64, 616-628	7.9	5
16	Staggered Stacking Covalent Organic Frameworks for Boosting Cancer Immunotherapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 21542	15.6	5
15	Effect of ozone oxidative preconditioning on oxidative stress injury in a rat model of kidney transplantation. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 1948-1955	2.1	4
14	Tripterysium glycosides preconditioning attenuates renal ischemia/reperfusion injury in a rat model. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 213-21	2.3	4
13	Expert consensus on dental caries management.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 17	27.9	4
12	A negative feedback loop between JNK-associated leucine zipper protein and TGF- $\beta$ regulates kidney fibrosis. <i>Communications Biology</i> , <b>2020</b> , 3, 288	6.7	3
11	The expression of PD-1 and LAG-3 in periapical lesions. <i>American Journal of Translational Research (discontinued)</i> , <b>2018</b> , 10, 2677-2684	3	3
10	S100A4 gene silencing in oxygen-induced ischemic retinopathy inhibits retinal neovascularization via down-regulation of CREB expression. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 254, 97-108	3.8	2
9	Downregulation of lysine-specific demethylase 1 enhances the sensitivity of hormone-sensitive prostate cancer cells to androgen deprivation therapy. <i>Oncology Letters</i> , <b>2021</b> , 21, 93	2.6	2
8	HDAC6 Regulates the Fusion of Autophagosome and Lysosome to Involve in Odontoblast Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 605609	5.7	2
7	Mitochondrial DNA leakage induces odontoblast inflammation via the cGAS-STING pathway. <i>Cell Communication and Signaling</i> , <b>2021</b> , 19, 58	7.5	2
6	Yes-associated protein promotes tumour necrosis factor $\beta$ -mediated cementoblast mineralization partly by inactivating NF- $\kappa$ B pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 7939-7948	5.6	1
5	Urinary SARS-CoV-2 RNA is An Indicator For The Progression and Prognosis of COVID-19 Disease <b>2021</b> ,		1
4	Effect of chamfer design on load capacity of reattached incisors. <i>Dental Materials</i> , <b>2021</b> , 37, 1168-1175	5.7	1
3	Mitochondrial DNA leakage exacerbates odontoblast inflammation through gasdermin D-mediated pyroptosis. <i>Cell Death Discovery</i> , <b>2021</b> , 7, 381	6.9	1
2	Loss of JNK-Associated Leucine Zipper Protein Promotes Peritoneal Dialysis-Related Peritoneal Fibrosis.. <i>Kidney Diseases (Basel, Switzerland)</i> , <b>2022</b> , 8, 168-179	3.3	0
1	VISTA Blockade Aggravates Bone Loss in Experimental Murine Apical Periodontitis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 738586	8.4	

