

# Liang Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3079491/publications.pdf>

Version: 2024-02-01

78  
papers

3,668  
citations

109321

35  
h-index

144013

57  
g-index

91  
all docs

91  
docs citations

91  
times ranked

5452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell transcriptome analysis reveals aberrant stromal cells and heterogeneous endothelial cells in alcohol-induced osteonecrosis of the femoral head. <i>Communications Biology</i> , 2022, 5, 324.	4.4	2
2	<scp>CRIP1</scp> suppresses <scp>BBOX1</scp>â€mediated carnitine metabolism to promote stemness in hepatocellular carcinoma. <i>EMBO Journal</i> , 2022, 41, .	7.8	19
3	Online management of rheumatoid arthritis during COVID-19 pandemic. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, e4-e4.	0.9	26
4	Combining bulk and single-cell RNA-sequencing data to reveal gene expression pattern of chondrocytes in the osteoarthritic knee. <i>Bioengineered</i> , 2021, 12, 997-1007.	3.2	26
5	Antibacterial calcium phosphate cement with human periodontal ligament stem cellâ€microbeads to enhance bone regeneration and combat infection. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 232-243.	2.7	10
6	LIMK1 nuclear translocation promotes hepatocellular carcinoma progression by increasing p-ERK nuclear shuttling and by activating c-Myc signalling upon EGF stimulation. <i>Oncogene</i> , 2021, 40, 2581-2595.	5.9	8
7	Three-Dimensional Printed BGS Treat a Large Bone Defect in a Rabbit Model. <i>Doklady Biochemistry and Biophysics</i> , 2021, 497, 123-129.	0.9	1
8	Prrx1 promotes stemness and angiogenesis via activating TGF-Î²/smad pathway and upregulating proangiogenic factors in glioma. <i>Cell Death and Disease</i> , 2021, 12, 615.	6.3	22
9	Calcium signaling in cancer progression and therapy. <i>FEBS Journal</i> , 2021, 288, 6187-6205.	4.7	33
10	Novel calcium phosphate cement with biofilm-inhibition and platelet lysate delivery to enhance osteogenesis of encapsulated human periodontal ligament stem cells. <i>Materials Science and Engineering C</i> , 2021, 128, 112306.	7.3	8
11	Pharmacological targeting PTK6 inhibits the JAK2/STAT3 sustained stemness and reverses chemoresistance of colorectal cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 297.	8.6	22
12	LncRNA CRNDE attenuates chemoresistance in gastric cancer via SRSF6-regulated alternative splicing of PICALM. <i>Molecular Cancer</i> , 2021, 20, 6.	19.2	97
13	ECHS1, an interacting protein of LASP1, induces sphingolipid-metabolism imbalance to promote colorectal cancer progression by regulating ceramide glycosylation. <i>Cell Death and Disease</i> , 2021, 12, 911.	6.3	13
14	ABCC5 facilitates the acquired resistance of sorafenib through the inhibition of SLC7A11-induced ferroptosis in hepatocellular carcinoma. <i>Neoplasia</i> , 2021, 23, 1227-1239.	5.3	65
15	CCT8 recovers WTP53-suppressed cell cycle evolution and EMT to promote colorectal cancer progression. <i>Oncogenesis</i> , 2021, 10, 84.	4.9	16
16	Stem cells in the periodontal ligament differentiated into osteogenic, fibrogenic and cementogenic lineages for the regeneration of the periodontal complex. <i>Journal of Dentistry</i> , 2020, 92, 103259.	4.1	41
17	Nanographene oxideâ€calcium phosphate to inhibit <scp> <i>Staphylococcus aureus</i></scp> infection and support stem cells for bone tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1779-1791.	2.7	8
18	LASP1 interacts with N-WASP to activate the Arp2/3 complex and facilitate colorectal cancer metastasis by increasing tumour budding and worsening the pattern of invasion. <i>Oncogene</i> , 2020, 39, 5743-5755.	5.9	18

#	ARTICLE	IF	CITATIONS
19	Calcium Channel Blocker Nifedipine Suppresses Colorectal Cancer Progression and Immune Escape by Preventing NFAT2 Nuclear Translocation. <i>Cell Reports</i> , 2020, 33, 108327.	6.4	32
20	Automated classification of protein subcellular localization in immunohistochemistry images to reveal biomarkers in colon cancer. <i>BMC Bioinformatics</i> , 2020, 21, 398.	2.6	20
21	Long noncoding RNA CMPK2 promotes colorectal cancer progression by activating the FUBP3-c-Myc axis. <i>Oncogene</i> , 2020, 39, 3926-3938.	5.9	35
22	Liraglutide Alleviates Hepatic Steatosis and Liver Injury in T2MD Rats via a GLP-1R Dependent AMPK Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 600175.	3.5	20
23	Piezo1/2 mediate mechanotransduction essential for bone formation through concerted activation of NFAT-YAP1- $\beta$ -catenin. <i>ELife</i> , 2020, 9, .	6.0	161
24	A miR-567-PIK3AP1-PI3K/AKT-c-Myc feedback loop regulates tumour growth and chemoresistance in gastric cancer. <i>EBioMedicine</i> , 2019, 44, 311-321.	6.1	77
25	Dahuang Zhechong Pill suppresses colorectal cancer liver metastasis via ameliorating exosomal CCL2 primed pre-metastatic niche. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111878.	4.1	38
26	Gut microbiota-stimulated cathepsin K secretion mediates TLR4-dependent M2 macrophage polarization and promotes tumor metastasis in colorectal cancer. <i>Cell Death and Differentiation</i> , 2019, 26, 2447-2463.	11.2	182
27	Tumor-secreted dickkopf2 accelerates aerobic glycolysis and promotes angiogenesis in colorectal cancer. <i>Theranostics</i> , 2019, 9, 1001-1014.	10.0	94
28	Cysteine-rich intestinal protein 1 suppresses apoptosis and chemosensitivity to 5-fluorouracil in colorectal cancer through ubiquitin-mediated Fas degradation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 120.	8.6	26
29	MYH9 Promotes Growth and Metastasis via Activation of MAPK/AKT Signaling in Colorectal Cancer. <i>Journal of Cancer</i> , 2019, 10, 874-884.	2.5	62
30	G-protein G $\beta$ 13 functions as a cytoskeletal and mitochondrial regulator to restrain osteoclast function. <i>Scientific Reports</i> , 2019, 9, 4236.	3.3	15
31	Cinobufagin suppresses colorectal cancer angiogenesis by disrupting the endothelial mammalian target of rapamycin/hypoxia-inducible factor 1 $\alpha$ axis. <i>Cancer Science</i> , 2019, 110, 1724-1734.	3.9	31
32	Sphingomyelin synthase 2 promotes an aggressive breast cancer phenotype by disrupting the homeostasis of ceramide and sphingomyelin. <i>Cell Death and Disease</i> , 2019, 10, 157.	6.3	56
33	Ethanol promotes alcohol-related colorectal cancer metastasis via the TGF- $\beta$ 2/RUNX3/Snail axis by inducing TGF- $\beta$ 1 upregulation and RUNX3 cytoplasmic mislocalization. <i>EBioMedicine</i> , 2019, 50, 224-237.	6.1	17
34	Pre-metastatic niche triggers SDF-1/CXCR4 axis and promotes organ colonisation by hepatocellular circulating tumour cells via downregulation of Prrx1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 473.	8.6	25
35	Long noncoding RNA CRCMSL suppresses tumor invasive and metastasis in colorectal carcinoma through nucleocytoplasmic shuttling of HMGB2. <i>Oncogene</i> , 2019, 38, 3019-3032.	5.9	44
36	LASP1 promotes nasopharyngeal carcinoma progression through negatively regulation of the tumor suppressor PTEN. <i>Cell Death and Disease</i> , 2018, 9, 393.	6.3	34

#	ARTICLE	IF	CITATIONS
37	Bone regeneration in minipigs via calcium phosphate cement scaffold delivering autologous bone marrow mesenchymal stem cells and platelet-rich plasma. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e937-e948.	2.7	28
38	COPS5 and LASP1 synergistically interact to downregulate <i>14-3-3<math>\beta</math></i> expression and promote colorectal cancer progression via activating PI3K/AKT pathway. <i>International Journal of Cancer</i> , 2018, 142, 1853-1864.	5.1	40
39	Bone protection by inhibition of microRNA-182. <i>Nature Communications</i> , 2018, 9, 4108.	12.8	71
40	Tubeimoside 1 Acts as a Chemotherapeutic Synergist via Stimulating Macropinocytosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1044.	3.5	14
41	Imbalanced LIMK1 and LIMK2 expression leads to human colorectal cancer progression and metastasis via promoting $\beta$ -catenin nuclear translocation. <i>Cell Death and Disease</i> , 2018, 9, 749.	6.3	25
42	Sanguinarine triggers intrinsic apoptosis to suppress colorectal cancer growth through disassociation between STRAP and MELK. <i>BMC Cancer</i> , 2018, 18, 578.	2.6	45
43	miR-589 promotes gastric cancer aggressiveness by a LIFR-PI3K/AKT-c-Jun regulatory feedback loop. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 152.	8.6	47
44	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. <i>Biomaterials</i> , 2018, 183, 151-170.	11.4	198
45	MicroRNA-187 modulates epithelial-mesenchymal transition by targeting PTRF in non-small cell lung cancer. <i>Oncology Reports</i> , 2017, 37, 2787-2794.	2.6	22
46	LASP2 suppresses colorectal cancer progression through JNK/p38 MAPK pathway mediated epithelial-mesenchymal transition. <i>Cell Communication and Signaling</i> , 2017, 15, 21.	6.5	35
47	Novel hiPSC-based tri-culture for pre-vascularization of calcium phosphate scaffold to enhance bone and vessel formation. <i>Materials Science and Engineering C</i> , 2017, 79, 296-304.	7.3	37
48	Engineering bone regeneration with novel cell-laden hydrogel microfiber-injectable calcium phosphate scaffold. <i>Materials Science and Engineering C</i> , 2017, 75, 895-905.	7.3	41
49	MicroRNA-105 is involved in TNF-related tumor microenvironment enhanced colorectal cancer progression. <i>Cell Death and Disease</i> , 2017, 8, 3213.	6.3	78
50	LIM kinase 1 interacts with myosin-9 and alpha-actinin-4 and promotes colorectal cancer progression. <i>British Journal of Cancer</i> , 2017, 117, 563-571.	6.4	57
51	LASP1-S100A11 axis promotes colorectal cancer aggressiveness by modulating TGF $\beta$ <sup>2</sup> /Smad signaling. <i>Scientific Reports</i> , 2016, 6, 26112.	3.3	56
52	Loss of the 14-3-3 $\beta$ is essential for LASP1-mediated colorectal cancer progression via activating PI3K/AKT signaling pathway. <i>Scientific Reports</i> , 2016, 6, 25631.	3.3	26
53	Epigenetic silencing of miR-490-3p promotes development of an aggressive colorectal cancer phenotype through activation of the Wnt/ $\beta$ -catenin signaling pathway. <i>Cancer Letters</i> , 2016, 376, 178-187.	7.2	68
54	Minipig-BMSCs Combined with a Self-Setting Calcium Phosphate Paste for Bone Tissue Engineering. <i>Molecular Biotechnology</i> , 2016, 58, 748-756.	2.4	3

#	ARTICLE	IF	CITATIONS
55	Injectable calcium phosphate with hydrogel fibers encapsulating induced pluripotent, dental pulp and bone marrow stem cells for bone repair. <i>Materials Science and Engineering C</i> , 2016, 69, 1125-1136.	7.3	48
56	Expression of dynein, cytoplasmic 2, heavy chain 1 (DHC2) associated with glioblastoma cell resistance to temozolomide. <i>Scientific Reports</i> , 2016, 6, 28948.	3.3	18
57	MicroRNA-187, a downstream effector of TGF $\beta$ <sup>2</sup> pathway, suppresses Smad-mediated epithelial $\rightarrow$ mesenchymal transition in colorectal cancer. <i>Cancer Letters</i> , 2016, 373, 203-213.	7.2	67
58	A self-setting iPSMSC-alginate-calcium phosphate paste for bone tissue engineering. <i>Dental Materials</i> , 2016, 32, 252-263.	3.5	70
59	Differential role of intravenous anesthetics in colorectal cancer progression: implications for clinical application. <i>Oncotarget</i> , 2016, 7, 77087-77095.	1.8	25
60	Metastasis-associated long noncoding RNAs in gastrointestinal cancer: Implications for novel biomarkers and therapeutic targets. <i>World Journal of Gastroenterology</i> , 2016, 22, 8735.	3.3	9
61	Bone tissue engineering via human induced pluripotent, umbilical cord and bone marrow mesenchymal stem cells in rat cranium. <i>Acta Biomaterialia</i> , 2015, 18, 236-248.	8.3	116
62	Flotillin-2 promotes nasopharyngeal carcinoma metastasis and is necessary for the epithelial $\rightarrow$ mesenchymal transition induced by transforming growth factor- $\beta$ <sup>2</sup> . <i>Oncotarget</i> , 2015, 6, 9781-9793.	1.8	44
63	Targeting osteosarcoma vasculature with peptide obtained by phage display. <i>Wspolczesna Onkologia</i> , 2014, 3, 165-170.	1.4	2
64	A huge malignant solitary fibrous tumor of kidney: case report and review of the literature. <i>Diagnostic Pathology</i> , 2014, 9, 13.	2.0	12
65	Tumor suppressor miR-1 restrains epithelial-mesenchymal transition and metastasis of colorectal carcinoma via the MAPK and PI3K/AKT pathway. <i>Journal of Translational Medicine</i> , 2014, 12, 244.	4.4	75
66	LIM and SH3 Protein 1 Induces TGF $\beta$ <sup>2</sup> -Mediated Epithelial $\rightarrow$ Mesenchymal Transition in Human Colorectal Cancer by Regulating S100A4 Expression. <i>Clinical Cancer Research</i> , 2014, 20, 5835-5847.	7.0	101
67	Overexpression of RhoGDI, a novel predictor of distant metastasis, promotes cell proliferation and migration in hepatocellular carcinoma. <i>FEBS Letters</i> , 2014, 588, 503-508.	2.8	26
68	Bone tissue engineering via nanostructured calcium phosphate biomaterials and stem cells. <i>Bone Research</i> , 2014, 2, 14017.	11.4	274
69	Participation of metastasis-associated in colon cancer-1 gene on lipogenesis and chemoresistance of gastric cancer.. <i>Journal of Clinical Oncology</i> , 2014, 32, e15026-e15026.	1.6	3
70	Flotillin-2 role in nasopharyngeal carcinoma metastasis and correlation with poor survival outcomes.. <i>Journal of Clinical Oncology</i> , 2014, 32, e17050-e17050.	1.6	1
71	miR-133a represses tumour growth and metastasis in colorectal cancer by targeting LIM and SH3 protein 1 and inhibiting the MAPK pathway. <i>European Journal of Cancer</i> , 2013, 49, 3924-3935.	2.8	101
72	Overexpression of T lymphoma invasion and metastasis 1 predict renal cell carcinoma metastasis and overall patient survival. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 393-398.	2.5	30

#	ARTICLE	IF	CITATIONS
73	Comparative proteomic analysis identifies proteins associated with the development and progression of colorectal carcinoma. <i>FEBS Journal</i> , 2010, 277, 4195-4204.	4.7	41
74	Chondrogenic differentiation of stem cells in human umbilical cord stroma with PGA and PLLA scaffolds. <i>Journal of Biomedical Science and Engineering</i> , 2010, 03, 1041-1049.	0.4	12
75	Promotion of colorectal cancer growth and metastasis by the LIM and SH3 domain protein 1. <i>Gut</i> , 2010, 59, 1226-1235.	12.1	117
76	Transgelin as a suppressor is associated with poor prognosis in colorectal carcinoma patients. <i>Modern Pathology</i> , 2009, 22, 786-796.	5.5	42
77	Overexpression of Rho GDP-Dissociation Inhibitor Alpha Is Associated with Tumor Progression and Poor Prognosis of Colorectal Cancer. <i>Journal of Proteome Research</i> , 2008, 7, 3994-4003.	3.7	71
78	Differential proteomic analysis of human colorectal carcinoma cell lines metastasis-associated proteins. <i>Journal of Cancer Research and Clinical Oncology</i> , 2007, 133, 771-782.	2.5	59