

# Lin Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

3,348  
citations

136740

32  
h-index

161609

54  
g-index

80  
all docs

80  
docs citations

80  
times ranked

5014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitation of faecal <i>Fusobacterium</i> improves faecal immunochemical test in detecting advanced colorectal neoplasia. <i>Gut</i> , 2017, 66, 1441-1448.	6.1	214
2	Real-time tracking of fluorescent magnetic spore-based microrobots for remote detection of <i>C. diff</i> toxins. <i>Science Advances</i> , 2019, 5, eaau9650.	4.7	169
3	Cigarette smoking and gastrointestinal diseases: The causal relationship and underlying molecular mechanisms (Review). <i>International Journal of Molecular Medicine</i> , 2014, 34, 372-380.	1.8	148
4	Anti-cancer therapy with TNF and IFN: A comprehensive review. <i>Cell Proliferation</i> , 2018, 51, e12441.	2.4	119
5	Host Immune Defense Peptide LL-37 Activates Caspase-Independent Apoptosis and Suppresses Colon Cancer. <i>Cancer Research</i> , 2012, 72, 6512-6523.	0.4	118
6	Epigenetic Silencing of miR-490-3p Reactivates the Chromatin Remodeler SMARCD1 to Promote <i>Helicobacter pylori</i> -Induced Gastric Carcinogenesis. <i>Cancer Research</i> , 2015, 75, 754-765.	0.4	115
7	Autophagy in sepsis: Degradation into exhaustion?. <i>Autophagy</i> , 2016, 12, 1073-1082.	4.3	111
8	FK-16 Derived from the Anticancer Peptide LL-37 Induces Caspase-Independent Apoptosis and Autophagic Cell Death in Colon Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e63641.	1.1	109
9	Vitamin D3 activates the autolysosomal degradation function against <i>Helicobacter pylori</i> through the PDIA3 receptor in gastric epithelial cells. <i>Autophagy</i> , 2019, 15, 707-725.	4.3	104
10	SARS-CoV-2 non-structural protein 6 triggers NLRP3-dependent pyroptosis by targeting ATP6AP1. <i>Cell Death and Differentiation</i> , 2022, 29, 1240-1254.	5.0	102
11	Preoperative N-Terminal Pro-B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery. <i>Annals of Internal Medicine</i> , 2020, 172, 96.	2.0	99
12	Repurposing vitamin D for treatment of human malignancies via targeting tumor microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 203-219.	5.7	85
13	Gut microbiota composition is associated with SARS-CoV-2 vaccine immunogenicity and adverse events. <i>Gut</i> , 2022, 71, 1106-1116.	6.1	84
14	Reversal of P-glycoprotein (P-gp) mediated multidrug resistance in colon cancer cells by cryptotanshinone and dihydrotanshinone of <i>Salvia miltiorrhiza</i> . <i>Phytomedicine</i> , 2014, 21, 1264-1272.	2.3	82
15	Review article: Probiotics, prebiotics and dietary approaches during COVID-19 pandemic. <i>Trends in Food Science and Technology</i> , 2021, 108, 187-196.	7.8	74
16	An update on the roles of circular RNAs in osteosarcoma. <i>Cell Proliferation</i> , 2021, 54, e12936.	2.4	73
17	A novel peptide specifically targeting the vasculature of orthotopic colorectal cancer for imaging detection and drug delivery. <i>Journal of Controlled Release</i> , 2010, 148, 292-302.	4.8	69
18	Trichosanthin Inhibits Breast Cancer Cell Proliferation in Both Cell Lines and Nude Mice by Promotion of Apoptosis. <i>PLoS ONE</i> , 2012, 7, e41592.	1.1	65

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19	Autophagy, NAFLD and NAFLD-Related HCC. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1061, 127-138.	0.8	61
20	Autophagy Mediates HBV-Induced Nuclear Factor- $\kappa$ B Activation and Release of IL-6, IL-8, and CXCL2 in Hepatocytes. <i>Journal of Cellular Physiology</i> , 2015, 230, 2382-2389.	2.0	53
21	Effects of Cigarette Smoke and its Active Components on Ulcer Formation and Healing in the Gastrointestinal Mucosa. <i>Current Medicinal Chemistry</i> , 2012, 19, 63-69.	1.2	52
22	Protective effects of cathelicidin-encoding <i>Lactococcus lactis</i> in murine ulcerative colitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 1205-1212.	1.4	51
23	Autophagy in intracellular bacterial infection. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 41-50.	2.3	50
24	Critical Role of Antimicrobial Peptide Cathelicidin for Controlling <i>Helicobacter pylori</i> Survival and Infection. <i>Journal of Immunology</i> , 2016, 196, 1799-1809.	0.4	49
25	The phytochemical polydatin ameliorates non-alcoholic steatohepatitis by restoring lysosomal function and autophagic flux. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4290-4300.	1.6	49
26	Macroautophagy and ERK phosphorylation counteract the anti-proliferative effect of proteasome inhibitor in gastric cancer cells. <i>Autophagy</i> , 2010, 6, 228-238.	4.3	41
27	Hederagenin potentiated cisplatin- and paclitaxel-mediated cytotoxicity by impairing autophagy in lung cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 611.	2.7	41
28	Indomethacin and SC236 enhance the cytotoxicity of doxorubicin in human hepatocellular carcinoma cells via inhibiting P-glycoprotein and MRP1 expression. <i>Cancer Letters</i> , 2011, 304, 90-96.	3.2	40
29	Cathelicidin protects against <i>Helicobacter pylori</i> colonization and the associated gastritis in mice. <i>Gene Therapy</i> , 2013, 20, 751-760.	2.3	38
30	CASC2: An emerging tumour-suppressing long noncoding RNA in human cancers and melanoma. <i>Cell Proliferation</i> , 2018, 51, e12506.	2.4	37
31	Miltirone induced mitochondrial dysfunction and ROS-dependent apoptosis in colon cancer cells. <i>Life Sciences</i> , 2016, 151, 224-234.	2.0	36
32	1,25-Dihydroxyvitamin D <sub>3</sub> suppresses gastric cancer cell growth through VDR- and mutant p53-mediated induction of p21. <i>Life Sciences</i> , 2017, 179, 88-97.	2.0	36
33	Outcomes of respiratory viral-bacterial co-infection in adult hospitalized patients. <i>EClinicalMedicine</i> , 2021, 37, 100955.	3.2	36
34	Dihydratanshinone induces p53-independent but ROS-dependent apoptosis in colon cancer cells. <i>Life Sciences</i> , 2013, 93, 344-351.	2.0	35
35	Reduced lysosomal clearance of autophagosomes promotes survival and colonization of <i>Helicobacter pylori</i> . <i>Journal of Pathology</i> , 2018, 244, 432-444.	2.1	33
36	Deteriorating Effect on Bone Metabolism and Microstructure by Passive Cigarette Smoking Through Dual Actions on Osteoblast and Osteoclast. <i>Calcified Tissue International</i> , 2015, 96, 389-400.	1.5	32

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37	Cathelicidin preserves intestinal barrier function in polymicrobial sepsis. <i>Critical Care</i> , 2020, 24, 47.	2.5	31
38	Gut microbiota-derived synbiotic formula (SIM01) as a novel adjuvant therapy for COVID-19: An open-label pilot study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2022, 37, 823-831.	1.4	31
39	Cathelicidins in inflammation and tissue repair: Potential therapeutic applications for gastrointestinal disorders. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 1118-1122.	2.8	30
40	Bufalin, a Traditional Chinese Medicine Compound, Prevents Tumor Formation in Two Murine Models of Colorectal Cancer. <i>Cancer Prevention Research</i> , 2019, 12, 653-666.	0.7	30
41	In vitro and in vivo anticarcinogenic effects of RNase MC2, a ribonuclease isolated from dietary bitter melon, toward human liver cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1351-1360.	1.2	28
42	Vascular-targeted TNF $\alpha$ improves tumor blood vessel function and enhances antitumor immunity and chemotherapy in colorectal cancer. <i>Journal of Controlled Release</i> , 2015, 210, 134-146.	4.8	28
43	Association of NPAC score with survival after acute myocardial infarction. <i>Atherosclerosis</i> , 2020, 301, 30-36.	0.4	28
44	Xenophagy in <i>Helicobacter pylori</i> and Epstein-Barr virus-induced gastric cancer. <i>Journal of Pathology</i> , 2014, 233, 103-112.	2.1	27
45	Therapeutic targeting of noncoding RNAs in hepatocellular carcinoma: Recent progress and future prospects (Review). <i>Oncology Letters</i> , 2018, 15, 3395-3402.	0.8	27
46	Emerging roles of noncoding RNAs in scoliosis. <i>Cell Proliferation</i> , 2020, 53, e12736.	2.4	25
47	Disease Burden of <i>Clostridium difficile</i> Infections in Adults, Hong Kong, China, 2006-2014. <i>Emerging Infectious Diseases</i> , 2017, 23, 1671-1679.	2.0	23
48	Pathological Role and Diagnostic Value of Endogenous Host Defense Peptides in Adult and Neonatal Sepsis. <i>Shock</i> , 2017, 47, 673-679.	1.0	20
49	Inflammation-based Glasgow Prognostic Score in patients with acute ST-segment elevation myocardial infarction. <i>Medicine (United States)</i> , 2018, 97, e13615.	0.4	18
50	Eukaryotic elongation factor-2 kinase expression is an independent prognostic factor in colorectal cancer. <i>BMC Cancer</i> , 2019, 19, 649.	1.1	18
51	A Novel Peptide Interfering with proBDNF-Sortilin Interaction Alleviates Chronic Inflammatory Pain. <i>Theranostics</i> , 2019, 9, 1651-1665.	4.6	18
52	Vascular-targeted TNF $\alpha$ and IFN $\gamma$ inhibits orthotopic colorectal tumor growth. <i>Journal of Translational Medicine</i> , 2016, 14, 187.	1.8	17
53	Bioinformatic analyses hinted at augmented T helper 17 cell differentiation and cytokine response as the central mechanism of COVID-19-associated Guillain-Barré syndrome. <i>Cell Proliferation</i> , 2021, 54, e13024.	2.4	17
54	On-site measurement and simulation investigation on condensation dehumidification and desiccant dehumidification in Hong Kong. <i>Energy and Buildings</i> , 2022, 254, 111560.	3.1	17

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55	Evaluation of a novel prognostic score based on thrombosis and inflammation in patients with sepsis: a retrospective cohort study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1182-1192.	1.4	16
56	Cathelicidin-encoding <i>Lactococcus lactis</i> promotes mucosal repair in murine experimental colitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 609-619.	1.4	15
57	The Roles of Histone Demethylase UTX and JMJD3 (KDM6B) in Cancers: Current Progress and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2016, 23, 3687-3696.	1.2	15
58	SARS-CoV-2 targets the lysosome to mediate airway inflammatory cell death. <i>Autophagy</i> , 2022, 18, 2246-2248.	4.3	14
59	Mitochondrial Dysfunction Causes Oxidative Stress and Tapetal Apoptosis in Chemical Hybridization Reagent-Induced Male Sterility in Wheat. <i>Frontiers in Plant Science</i> , 2018, 8, 2217.	1.7	13
60	Translational genomics in pancreatic ductal adenocarcinoma: A review with re-analysis of TCGA dataset. <i>Seminars in Cancer Biology</i> , 2019, 55, 70-77.	4.3	13
61	Antibacterial Peptides and Gastrointestinal Diseases. <i>Current Pharmaceutical Design</i> , 2011, 17, 1583-1586.	0.9	12
62	A surveillance method to identify patients with sepsis from electronic health records in Hong Kong: a single centre retrospective study. <i>BMC Infectious Diseases</i> , 2020, 20, 652.	1.3	12
63	Lysosome activation in peripheral blood mononuclear cells and prognostic significance of circulating LC3B in COVID-19. <i>Briefings in Bioinformatics</i> , 2021, 22, 1466-1475.	3.2	12
64	Vitamin D and Cancer Stem Cells in the Gastrointestinal Tract. <i>Current Medicinal Chemistry</i> , 2017, 24, 918-927.	1.2	10
65	<i>Clostridium difficile</i> toxin B induces autophagic cell death in colonocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2469-2477.	1.6	9
66	The Effect of Human Capital on CO2 Emissions: Macro Evidence from China. <i>Energy Journal</i> , 2021, 42, .	0.9	9
67	Common Deregulation of Seven Biological Processes by MicroRNAs in Gastrointestinal Cancers. <i>Scientific Reports</i> , 2018, 8, 3287.	1.6	8
68	Vitamin D <sup>3</sup> and carbamazepine protect against <i>Clostridioides difficile</i> infection in mice by restoring macrophage lysosome acidification. <i>Autophagy</i> , 2022, 18, 2050-2067.	4.3	7
69	Oncogenes expand during evolution to withstand somatic amplification. <i>Annals of Oncology</i> , 2018, 29, 2254-2260.	0.6	5
70	Bioinformatic analysis of SMN1-ACE/ACE2 interactions hinted at a potential protective effect of spinal muscular atrophy against COVID-19-induced lung injury. <i>Briefings in Bioinformatics</i> , 2021, 22, 1291-1296.	3.2	5
71	The Janus Face of Cathelicidin in Tumorigenesis. <i>Current Medicinal Chemistry</i> , 2014, 21, 2392-2400.	1.2	5
72	Sponge City Policy and Sustainable City Development: The Case of Shenzhen. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	5

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73	miRNAs in Gastrointestinal and Liver Cancers: Their Perspectives and Clinical Applications. <i>Current Pharmaceutical Design</i> , 2012, 19, 1301-1310.	0.9	4
74	Clinical Characteristics, Treatment Effectiveness, and Predictors of Response to Pharmacotherapeutic Interventions Among Patients with Herpetic-Related Neuralgia: A Retrospective Analysis. <i>Pain and Therapy</i> , 2021, 10, 1511-1522.	1.5	4
75	The Co-regulatory Role of 5-Lipoxygenase and Cyclooxygenase-2 in the Carcinogenesis and their Promotion by Cigarette Smoking in Colons. <i>Current Medicinal Chemistry</i> , 2016, 23, 1131-1138.	1.2	4
76	Hypozincemia in COVID-19 Patients Correlates With Stronger Antibody Response. <i>Frontiers in Immunology</i> , 2021, 12, 785599.	2.2	4
77	A Bayesian method for synthesizing multiple diagnostic outcomes of COVID-19 tests. <i>Royal Society Open Science</i> , 2021, 8, 201867.	1.1	2
78	Age-Related Differences in Emotional Conflict Control Between Adolescents and Adults: A Behavioral and ERP Study. <i>International Journal of Psychophysiology</i> , 2021, 168, S150.	0.5	2
79	Single-Hit Inactivation Drove Tumor Suppressor Genes Out of the X Chromosome during Evolution. <i>Cancer Research</i> , 2022, 82, 1482-1491.	0.4	0
80	Gender segregation in the causal effect of foreign direct investment on educational attainment: the Chinese experience. <i>Applied Economics</i> , 0, , 1-15.	1.2	0