

# Ling Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,442  
citations

185998

28  
h-index

149479

56  
g-index

108  
all docs

108  
docs citations

108  
times ranked

5660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-delivery of TRAIL and paclitaxel by fibronectin-targeting liposomal nanodisk for effective lung melanoma metastasis treatment. <i>Nano Research</i> , 2022, 15, 728-737.	5.8	8
2	Stapling of short cell-penetrating peptides for enhanced tumor cell-and-tissue dual-penetration. <i>Chemical Communications</i> , 2022, 58, 2299-2302.	2.2	6
3	Functional verification and screening of protein interacting with the sIPHB3. <i>Plant Signaling and Behavior</i> , 2022, 17, 2025678.	1.2	5
4	Targeting ApoC3 Paradoxically Aggravates Atherosclerosis in Hamsters With Severe Refractory Hypercholesterolemia. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840358.	1.1	2
5	Pursuing sustainable high-yield winter wheat via preanthesis dry matter and nitrogen accumulation by optimizing nitrogen management. <i>Agronomy Journal</i> , 2022, 114, 1229-1245.	0.9	1
6	In Vivo Knee Kinematics in Patients With Arthrofibrosis After Anterior Cruciate Ligament Reconstruction. <i>Journal of Sport Rehabilitation</i> , 2022, , 1-7.	0.4	0
7	Recent Advances in Delivery Systems for Genetic and Other Novel Vaccines. <i>Advanced Materials</i> , 2022, 34, e2107946.	11.1	10
8	Overexpression of <i>LpCPC</i> from <i>Lilium pumilum</i> confers saline-alkali stress (NaHCO <sub>3</sub> ) resistance. <i>Plant Signaling and Behavior</i> , 2022, 17, 2057723.	1.2	5
9	Molecular characterization, expression and anti-tumor function analysis of yak IFITM2 gene. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 405-412.	3.6	2
10	Discovery of novel rostaene derivatives as potential plant activators for preventing phytopathogenic bacterial infection: Design, synthesis and biological studies. <i>Pest Management Science</i> , 2022, 78, 3404-3415.	1.7	14
11	New compounds from the stems of <i>Fissistigma acuminatissimum</i> Merr. and their in vitro anti-inflammatory activity. <i>Natural Product Research</i> , 2022, , 1-9.	1.0	0
12	Changes and uncertainties of surface mean temperature over China under global warming of 1.5 and 2°C. <i>International Journal of Climatology</i> , 2021, 41, E410.	1.5	8
13	Antibacterial Activity of Novel 18β-Glycyrrhetic Hydrazide or Amide Derivatives. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 662-667.	1.3	6
14	Perspectives on Oncolytic Salmonella in Cancer Immunotherapy—A Promising Strategy. <i>Frontiers in Immunology</i> , 2021, 12, 615930.	2.2	12
15	Integration of Sentinel-3 OLCI Land Products and MERRA2 Meteorology Data into Light Use Efficiency and Vegetation Index-Driven Models for Modeling Gross Primary Production. <i>Remote Sensing</i> , 2021, 13, 1015.	1.8	1
16	Seipin Deficiency Accelerates Heart Failure Due to Calcium Handling Abnormalities and Endoplasmic Reticulum Stress in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644128.	1.1	8
17	Synthesis, Antimicrobial Activity, and Molecular Docking of Benzoic Hydrazide or Amide Derivatives Containing a 1,2,3-Triazole Group as Potential SDH Inhibitors. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1319-1330.	2.6	12
18	A Platform and Its Applied Modes for Geography Fieldwork in Higher Education Based on Location Services. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 225.	1.4	6

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19	Thermally responsive reduced graphene oxide with electroactive functionality for controllable electroanalysis. <i>Talanta</i> , 2021, 231, 122368.	2.9	1
20	Semantic Enhancement of Human Urban Activity Chain Construction Using Mobile Phone Signaling Data. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 545.	1.4	5
21	GRIM-19 inhibits proliferation and induces apoptosis in a p53-dependent manner in colorectal cancer cells through the SIRT7/PCAF/MDM2 axis. <i>Experimental Cell Research</i> , 2021, 407, 112799.	1.2	9
22	RSL3 enhances the antitumor effect of cisplatin on prostate cancer cells via causing glycolysis dysfunction. <i>Biochemical Pharmacology</i> , 2021, 192, 114741.	2.0	28
23	An exosome-mimicking membrane hybrid nanoplatfor for targeted treatment toward Kras-mutant pancreatic carcinoma. <i>Biomaterials Science</i> , 2021, 9, 5599-5611.	2.6	8
24	Rational Design of a Dual-Targeting Natural Toxin-Like Bicyclic Peptide for Selective Bioenergetic Blockage in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 2173-2183.	1.8	4
25	Two interaction proteins between AtPHB6 and AtSOT12 regulate plant salt resistance through ROS signaling. <i>Plant Physiology and Biochemistry</i> , 2021, 169, 70-80.	2.8	2
26	Quantifying and Characterizing Urban Leisure Activities by Merging Multiple Sensing Big Data: A Case Study of Nanjing, China. <i>Land</i> , 2021, 10, 1214.	1.2	8
27	Aminomethylation of Aryl Bromides by Nickel-Catalyzed Electrochemical Redox Neutral Cross Coupling. <i>Organic Letters</i> , 2021, 23, 9387-9392.	2.4	21
28	A Combination of BRD4 and HDAC3 Inhibitors Synergistically Suppresses Glioma Stem Cell Growth by Blocking GLI1/IL6/STAT3 Signaling Axis. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2542-2553.	1.9	16
29	Analysis of A Remote Rainstorm in the Yangtze River Delta Region Caused by Typhoon Mangkhut (2018). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 345.	1.2	8
30	Prospect Theory-Based Optimal Bidding Model of a Prosumer in the Power Market. <i>IEEE Access</i> , 2020, 8, 137063-137073.	2.6	11
31	Spatial Accuracy Evaluation for Mobile Phone Location Data With Consideration of Geographical Context. <i>IEEE Access</i> , 2020, 8, 221176-221190.	2.6	3
32	An Improved Bluetooth Indoor Positioning Method Using Dynamic Fingerprint Window. <i>Sensors</i> , 2020, 20, 7269.	2.1	13
33	A New Urban Vitality Analysis and Evaluation Framework Based on Human Activity Modeling Using Multi-Source Big Data. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 617.	1.4	44
34	A Method of Directional Signs Location Selection and Content Generation in Scenic Areas. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 574.	1.4	3
35	Ingestion of collagen hydrolysates alleviates skin chronological aging in an aged mouse model by increasing collagen synthesis. <i>Food and Function</i> , 2020, 11, 5573-5580.	2.1	11
36	Map Matching for Urban High-Sampling-Frequency GPS Trajectories. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 31.	1.4	10

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37	RGFP966, a histone deacetylase 3 inhibitor, promotes glioma stem cell differentiation by blocking TGF- $\beta$ 2 signaling via SMAD7. <i>Biochemical Pharmacology</i> , 2020, 180, 114118.	2.0	8
38	Target Discovery in <i>Ralstonia solanacearum</i> through an Activity-Based Protein Profiling Technique Based on Bioactive Oxadiazole Sulfones. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2340-2346.	2.4	11
39	Improved melanoma suppression with target-delivered TRAIL and Paclitaxel by a multifunctional nanocarrier. <i>Journal of Controlled Release</i> , 2020, 325, 10-24.	4.8	39
40	Vehicle trajectory modelling with consideration of distant neighbouring dependencies for destination prediction. <i>International Journal of Geographical Information Science</i> , 2019, 33, 2011-2032.	2.2	3
41	Novel fibronectin-targeted nanodisk drug delivery system displayed superior efficacy against prostate cancer compared with nanospheres. <i>Nano Research</i> , 2019, 12, 2451-2459.	5.8	15
42	Higher health risk resulted from dermal exposure to PCBs than HFRs and the influence of haze. <i>Science of the Total Environment</i> , 2019, 689, 223-231.	3.9	10
43	Urban Vitality Area Identification and Pattern Analysis from the Perspective of Time and Space Fusion. <i>Sustainability</i> , 2019, 11, 4032.	1.6	38
44	Meso-Cellular Silicate Foam-Modified Reduced Graphene Oxide with a Sandwich Structure for Enzymatic Immobilization and Bioelectrocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29522-29535.	4.0	19
45	Physiological and developmental traits associated with the grain yield of winter wheat as affected by phosphorus fertilizer management. <i>Scientific Reports</i> , 2019, 9, 16580.	1.6	24
46	Real-Time Displacement of Point Symbols Based on Spatial Distribution Characteristics. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 426.	1.4	4
47	Gpihbp1 deficiency accelerates atherosclerosis and plaque instability in diabetic Ldlr <sup>-/-</sup> mice. <i>Atherosclerosis</i> , 2019, 282, 100-109.	0.4	12
48	Long-term optimization of crop yield while concurrently improving soil quality. <i>Land Degradation and Development</i> , 2019, 30, 897-909.	1.8	30
49	Dynamic responses of Haloxylon ammodendron to various degrees of simulated drought stress. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 121-131.	2.8	43
50	Construction of multifunctional electrochemical sensor based on electroactivity-adjustable poly (ionic liquids)/reduced graphene oxide. <i>Talanta</i> , 2019, 197, 277-283.	2.9	9
51	Self-enhanced PEI-Ru(II) complex with polyamino acid as booster to construct ultrasensitive electrochemiluminescence immunosensor for carcinoembryonic antigen detection. <i>Analytica Chimica Acta</i> , 2018, 1001, 112-118.	2.6	21
52	High-frequency repetitive transcranial magnetic stimulation of the left dorsolateral prefrontal cortex restores attention bias to negative information in methamphetamine addicts. <i>Psychiatry Research</i> , 2018, 265, 151-160.	1.7	20
53	Acidic polymeric ionic liquids based reduced graphene oxide: An efficient and rewriteable catalyst for oxidative desulfurization. <i>Chemical Engineering Journal</i> , 2018, 334, 285-295.	6.6	69
54	The Impact of Collusion on Bilateral Negotiation in Direct Electricity Purchase Market. , 2018, , .		1

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55	Renal injury in <i>Seipin</i> deficient lipodystrophic mice and its reversal by adipose tissue transplantation or leptin administration alone: adipose tissue-kidney crosstalk. <i>FASEB Journal</i> , 2018, 32, 5550-5562.	0.2	19
56	Progress of GATA6 in liver development. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2018, 40, 22-32.	0.1	1
57	A Genetic Algorithm for Tributary Selection with Consideration of Multiple Factors. <i>Transactions in GIS</i> , 2017, 21, 332-358.	1.0	9
58	Association between the MTHFR C677T polymorphism, blood folate and vitamin B12 deficiency, and elevated serum total homocysteine in healthy individuals in Yunnan Province, China. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 147-153.	0.6	46
59	FAT1 prevents epithelial mesenchymal transition (EMT) via MAPK/ERK signaling pathway in esophageal squamous cell cancer. <i>Cancer Letters</i> , 2017, 397, 83-93.	3.2	97
60	One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization. <i>RSC Advances</i> , 2017, 7, 31691-31695.	1.7	11
61	Wogonin attenuates inflammation by activating PPAR- $\beta$ in alcoholic liver disease. <i>International Immunopharmacology</i> , 2017, 50, 95-106.	1.7	51
62	Different Types of Dietary Fibers Trigger Specific Alterations in Composition and Predicted Functions of Colonic Bacterial Communities in BALB/c Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 966.	1.5	47
63	Evaluation of River Network Generalization Methods for Preserving the Drainage Pattern. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 230.	1.4	11
64	Discovery of novel berberine imidazoles as safe antimicrobial agents by down regulating ROS generation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2768-2773.	1.0	92
65	Coenzyme-like ligands for affinity isolation of cholesterol oxidase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 169-174.	1.2	4
66	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. <i>Molecular Cell</i> , 2016, 64, 803-814.	4.5	63
67	Multi-targeting exploration of new 2-aminothiazolyl quinolones: Synthesis, antimicrobial evaluation, interaction with DNA, combination with topoisomerase IV and penetrability into cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 935-945.	2.6	65
68	Genomic analyses reveal FAM84B and the NOTCH pathway are associated with the progression of esophageal squamous cell carcinoma. <i>GigaScience</i> , 2016, 5, 1.	3.3	96
69	Design, synthesis and biological evaluation of berberine-benzimidazole hybrids as new type of potentially DNA-targeting antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 205-215.	2.6	76
70	Discovery of membrane active benzimidazole quinolones-based topoisomerase inhibitors as potential DNA-binding antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 160-182.	2.6	86
71	Enhancement of soluble expression of codon-optimized <i>Thermomicrobium roseum</i> sarcosine oxidase in <i>Escherichia coli</i> via chaperone co-expression. <i>Journal of Biotechnology</i> , 2016, 218, 75-84.	1.9	28
72	Whole-Genome Sequencing Reveals Diverse Models of Structural Variations in Esophageal Squamous Cell Carcinoma. <i>American Journal of Human Genetics</i> , 2016, 98, 256-274.	2.6	109

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73	Artesunate altered cellular mechanical properties leading to deregulation of cell proliferation and migration in esophageal squamous cell carcinoma. <i>Oncology Letters</i> , 2015, 9, 2249-2255.	0.8	18
74	Isomaltooligosaccharide increases the <i>Lactobacillus rhamnosus</i> viable count in Cheddar cheese. <i>International Journal of Dairy Technology</i> , 2015, 68, 389-398.	1.3	13
75	Perilipin1 Deficiency in Whole Body or Bone Marrow-Derived Cells Attenuates Lesions in Atherosclerosis-Prone Mice. <i>PLoS ONE</i> , 2015, 10, e0123738.	1.1	17
76	Design, synthesis, and antibacterial evaluation of novel azolythioether quinolones as MRSA DNA intercalators. <i>MedChemComm</i> , 2015, 6, 1303-1310.	3.5	38
77	Synthesis and bioactive evaluations of novel benzotriazole compounds as potential antimicrobial agents and the interaction with calf thymus DNA. <i>Journal of Chemical Sciences</i> , 2015, 127, 2251-2260.	0.7	8
78	Impact of Using Exopolysaccharides (EPS)-Producing Strain on Qualities of Half-Fat Cheddar Cheese. <i>International Journal of Food Properties</i> , 2015, 18, 1546-1559.	1.3	17
79	Design, Synthesis, and Antimicrobial Evaluation of Novel Quinolone Imidazoles and Interactions with MRSA DNA. <i>Chemical Biology and Drug Design</i> , 2015, 86, 648-655.	1.5	43
80	Affinity purification of aprotinin from bovine lung. <i>Journal of Separation Science</i> , 2015, 38, 1441-1448.	1.3	3
81	Design and biological evaluation of novel quinolone-based metronidazole derivatives as potent Cu <sup>2+</sup> -mediated DNA-targeting antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3699-3705.	1.0	61
82	Genomic Analyses Reveal Mutational Signatures and Frequently Altered Genes in Esophageal Squamous Cell Carcinoma. <i>American Journal of Human Genetics</i> , 2015, 96, 597-611.	2.6	290
83	One step affinity recovery of 3 $\alpha$ -hydroxysteroid dehydrogenase from cloned <i>Escherichia coli</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 991, 79-84.	1.2	0
84	Altered expression and loss of heterozygosity of the migration and invasion inhibitory protein (MIIP) gene in breast cancer. <i>Oncology Reports</i> , 2015, 33, 2771-2778.	1.2	9
85	<a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg= s10002.gif overflow="scroll"><math>\int_{-\infty}^{\infty} f(x) \delta(x-a) dx = f(a)</math></td></tr>		

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91	Association Between the (GT) <sub>n</sub> Polymorphism of the HO-1 Gene Promoter Region and Cancer Risk: a Meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4617-4622.	0.5	15
92	Synthesis and bioactive evaluation of novel hybrids of metronidazole and berberine as new type of antimicrobial agents and their transportation behavior by human serum albumin. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4158-4169.	1.4	58
93	Oncogenic B-RafV600E abrogates the AKT/B-Raf/Mps1 interaction in melanoma cells. <i>Cancer Letters</i> , 2013, 337, 125-132.	3.2	15
94	Automatic drainage pattern recognition in river networks. <i>International Journal of Geographical Information Science</i> , 2013, 27, 2319-2342.	2.2	27
95	The impact on the Oriental white stork habitat due to the agriculture development in Sanjiang Plain, Northeast China. , 2012, , .		0
96	1H-1,2,4-Triazol-4-ium (3,4-dichlorophenyl)methanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o131-o131.	0.2	1
97	Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. <i>Chromatographia</i> , 2011, 74, 443-450.	0.7	13
98	Enhanced immunostimulatory properties in CpG-oligonucleotides modified by gold nanoparticles. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 832-836.	0.4	2
99	Fabrication of polymeric ionic liquid/graphene nanocomposite for glucose oxidase immobilization and direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2632-2637.	5.3	196
100	Fluorouracil Selectively Enriches Stem-like Leukemic Cells in a Leukemic Cell Line. <i>International Journal of Biological Sciences</i> , 2010, 6, 419-427.	2.6	16
101	Antihypertensive effect of 3,3,5,5-tetramethyl-4-piperidone, a new compound extracted from <i>Marasmius androsaceus</i> . <i>Journal of Ethnopharmacology</i> , 2009, 123, 34-39.	2.0	18
102	A self-adjusting and probabilistic decision-making classifier based on the constructive covering algorithm in neural networks. , 0, , .		1
103	Influence of geographical determinants on the spatial distribution of positioning uncertainties in mobile phone location data. <i>Transactions in GIS</i> , 0, , .	1.0	0