

# Ling Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,442  
citations

186265  
28  
h-index

149698  
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.  | 10.4 | 8         |
| 2  | Stapling of short cell-penetrating peptides for enhanced tumor cell-and-tissue dual-penetration. <i>Chemical Communications</i> , 2022, 58, 2299-2302.   | 4.1  | 6         |
| 3  | Functional verification and screening of protein interacting with the sIPHB3. <i>Plant Signaling and Behavior</i> , 2022, 17, 2025678.   | 2.4  | 5         |
| 4  | Targeting ApoC3 Paradoxically Aggravates Atherosclerosis in Hamsters With Severe Refractory Hypercholesterolemia. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840358.   | 2.4  | 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.   | 1.8  | 1         |
| 6  | In Vivo Knee Kinematics in Patients With Arthrofibrosis After Anterior Cruciate Ligament Reconstruction. <i>Journal of Sport Rehabilitation</i> , 2022, , 1-7.   | 1.0  | 0         |
| 7  | Recent Advances in Delivery Systems for Genetic and Other Novel Vaccines. <i>Advanced Materials</i> , 2022, 34, e2107946.  | 21.0 | 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.  | 2.4  | 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.  | 7.5  | 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.    | 3.4  | 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.   | 1.8  | 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.  | 3.5  | 8         |
| 13 | Antibacterial Activity of Novel 18β-Glycyrrhetic Hydrazide or Amide Derivatives. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 662-667.   | 2.6  | 6         |
| 14 | Perspectives on Oncolytic Salmonella in Cancer Immunotherapy—A Promising Strategy. <i>Frontiers in Immunology</i> , 2021, 12, 615930.  | 4.8  | 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.         | 4.0  | 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.                                   | 2.4  | 8         |
| 17 | Synthesis, Antimicrobial Activity, and Molecular Docking of Benzoic Hydrazide or Amide Derivatives Containing a 1,2,4-Triazole Group as Potential SDH Inhibitors. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1319-1330. | 4.9  | 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.  | 2.9  | 6         |

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|----|--|-----|-----------|
| 19 | Thermally responsive reduced graphene oxide with electroactive functionality for controllable electroanalysis. <i>Talanta</i> , 2021, 231, 122368.   | 5.5 | 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.                            | 2.9 | 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.   | 2.6 | 9         |
| 22 | RSL3 enhances the antitumor effect of cisplatin on prostate cancer cells via causing glycolysis dysfunction. <i>Biochemical Pharmacology</i> , 2021, 192, 114741.                                    | 4.4 | 28        |
| 23 | An exosome-mimicking membrane hybrid nanoplatform for targeted treatment toward Kras-mutant pancreatic carcinoma. <i>Biomaterials Science</i> , 2021, 9, 5599-5611.                                  | 5.4 | 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.                    | 3.6 | 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.                               | 5.8 | 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.  | 2.9 | 8         |
| 27 | Aminomethylation of Aryl Bromides by Nickel-Catalyzed Electrochemical Redox Neutral Cross Coupling. <i>Organic Letters</i> , 2021, 23, 9387-9392.  | 4.6 | 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. | 4.1 | 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.                                 | 2.6 | 8         |
| 30 | Prospect Theory-Based Optimal Bidding Model of a Prosumer in the Power Market. <i>IEEE Access</i> , 2020, 8, 137063-137073.  | 4.2 | 11        |
| 31 | Spatial Accuracy Evaluation for Mobile Phone Location Data With Consideration of Geographical Context. <i>IEEE Access</i> , 2020, 8, 221176-221190.  | 4.2 | 3         |
| 32 | An Improved Bluetooth Indoor Positioning Method Using Dynamic Fingerprint Window. <i>Sensors</i> , 2020, 20, 7269.   | 3.8 | 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.           | 2.9 | 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.                                       | 2.9 | 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.                      | 4.6 | 11        |
| 36 | Map Matching for Urban High-Sampling-Frequency GPS Trajectories. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 31.  | 2.9 | 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.  | 4.4  | 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.            | 5.2  | 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.   | 9.9  | 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.                            | 4.8  | 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.   | 10.4 | 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.   | 8.0  | 10        |
| 43 | Urban Vitality Area Identification and Pattern Analysis from the Perspective of Time and Space Fusion. <i>Sustainability</i> , 2019, 11, 4032.  | 3.2  | 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.                  | 8.0  | 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.   | 3.3  | 24        |
| 46 | Real-Time Displacement of Point Symbols Based on Spatial Distribution Characteristics. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 426.  | 2.9  | 4         |
| 47 | Gpihbp1 deficiency accelerates atherosclerosis and plaque instability in diabetic Ldlr <sup>-/-</sup> mice. <i>Atherosclerosis</i> , 2019, 282, 100-109.  | 0.8  | 12        |
| 48 | Long-term optimization of crop yield while concurrently improving soil quality. <i>Land Degradation and Development</i> , 2019, 30, 897-909.  | 3.9  | 30        |
| 49 | Dynamic responses of <i>Haloxylon ammodendron</i> to various degrees of simulated drought stress. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 121-131.  | 5.8  | 43        |
| 50 | Construction of multifunctional electrochemical sensor based on electroactivity-adjustable poly (ionic liquids)/reduced graphene oxide. <i>Talanta</i> , 2019, 197, 277-283.  | 5.5  | 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.      | 5.4  | 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. | 3.3  | 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.   | 12.7 | 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.                                     | 0.5 | 19        |
| 56 | Progress of GATA6 in liver development. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2018, 40, 22-32.  | 0.2 | 1         |
| 57 | A Genetic Algorithm for Tributary Selection with Consideration of Multiple Factors. <i>Transactions in GIS</i> , 2017, 21, 332-358.   | 2.3 | 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.       | 1.4 | 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.  | 7.2 | 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.  | 3.6 | 11        |
| 61 | Wogonin attenuates inflammation by activating PPAR- $\beta$ in alcoholic liver disease. <i>International Immunopharmacology</i> , 2017, 50, 95-106.   | 3.8 | 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.   | 3.5 | 47        |
| 63 | Evaluation of River Network Generalization Methods for Preserving the Drainage Pattern. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 230.   | 2.9 | 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.  | 2.2 | 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.   | 2.3 | 4         |
| 66 | TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. <i>Molecular Cell</i> , 2016, 64, 803-814.   | 9.7 | 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. | 5.5 | 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.  | 6.4 | 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.  | 5.5 | 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.  | 5.5 | 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.  | 3.8 | 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.   | 6.2 | 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.                                    | 1.8 | 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.  | 2.8 | 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.  | 2.5 | 17        |
| 76 | Design, synthesis, and antibacterial evaluation of novel azolylthioether quinolones as MRSA DNA intercalators. <i>MedChemComm</i> , 2015, 6, 1303-1310.   | 3.4 | 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.                          | 1.5 | 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.   | 3.0 | 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.  | 3.2 | 43        |
| 80 | Affinity purification of aprotinin from bovine lung. <i>Journal of Separation Science</i> , 2015, 38, 1441-1448.  | 2.5 | 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. | 2.2 | 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.  | 6.2 | 290       |
| 83 | One step affinity recovery of 3 $\beta$ -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.       | 2.3 | 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.   | 2.6 | 9         |
| 85 | A self-enhanced electrochemiluminescence immunosensor based on L-Lys-Ru   |     |           |

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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. Asian Pacific Journal of Cancer Prevention, 2014, 15, 4617-4622.  | 1.2  | 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. Bioorganic and Medicinal Chemistry, 2013, 21, 4158-4169. | 3.0  | 58        |
| 93  | Oncogenic B-RafV600E abrogates the AKT/B-Raf/Mps1 interaction in melanoma cells. Cancer Letters, 2013, 337, 125-132.  | 7.2  | 15        |
| 94  | Automatic drainage pattern recognition in river networks. International Journal of Geographical Information Science, 2013, 27, 2319-2342.   | 4.8  | 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. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o131-o131.   | 0.2  | 1         |
| 97  | Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. Chromatographia, 2011, 74, 443-450.   | 1.3  | 13        |
| 98  | Enhanced immunostimulatory properties in CpG-oligonucleotides modified by gold nanoparticles. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 832-836.   | 1.0  | 2         |
| 99  | Fabrication of polymeric ionic liquid/graphene nanocomposite for glucose oxidase immobilization and direct electrochemistry. Biosensors and Bioelectronics, 2011, 26, 2632-2637.  | 10.1 | 196       |
| 100 | Fluorouracil Selectively Enriches Stem-like Leukemic Cells in a Leukemic Cell Line. International Journal of Biological Sciences, 2010, 6, 419-427.   | 6.4  | 16        |
| 101 | Antihypertensive effect of 3,3,5,5-tetramethyl-4-piperidone, a new compound extracted from Marasmius androsaceus. Journal of Ethnopharmacology, 2009, 123, 34-39.   | 4.1  | 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. Transactions in GIS, 0, , .  | 2.3  | 0         |