

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	Comprehensive Review in Current Developments of Imidazole-Based Medicinal Chemistry. Medicinal Research Reviews, 2014, 34, 340-437.	10.5	575
2	Genomic Analyses Reveal Mutational Signatures and Frequently Altered Genes in Esophageal Squamous Cell Carcinoma. American Journal of Human Genetics, 2015, 96, 597-611.	6.2	290
3	Fabrication of polymeric ionic liquid/graphene nanocomposite for glucose oxidase immobilization and direct electrochemistry. Biosensors and Bioelectronics, 2011, 26, 2632-2637.	10.1	196
4	Overoxidized polyimidazole/graphene oxide copolymer modified electrode for the simultaneous determination of ascorbic acid, dopamine, uric acid, guanine and adenine. Biosensors and Bioelectronics, 2014, 57, 232-238.	10.1	175
5	Whole-Genome Sequencing Reveals Diverse Models of Structural Variations in Esophageal Squamous Cell Carcinoma. American Journal of Human Genetics, 2016, 98, 256-274.	6.2	109
6	FAT1 prevents epithelial mesenchymal transition (EMT) via MAPK/ERK signaling pathway in esophageal squamous cell cancer. Cancer Letters, 2017, 397, 83-93.	7.2	97
7	Genomic analyses reveal FAM84B and the NOTCH pathway are associated with the progression of esophageal squamous cell carcinoma. GigaScience, 2016, 5, 1.	6.4	96
8	Discovery of novel berberine imidazoles as safe antimicrobial agents by down regulating ROS generation. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2768-2773.	2.2	92
9	Discovery of membrane active benzimidazole quinolones-based topoisomerase inhibitors as potential DNA-binding antimicrobial agents. European Journal of Medicinal Chemistry, 2016, 111, 160-182.	5.5	86
10	Adipose-Specific Knockout of <i>Seipin/Bscl2</i> Results in Progressive Lipodystrophy. Diabetes, 2014, 63, 2320-2331.	0.6	84
11	Design, synthesis and biological evaluation of berberine-benzimidazole hybrids as new type of potentially DNA-targeting antimicrobial agents. European Journal of Medicinal Chemistry, 2016, 122, 205-215.	5.5	76
12	Acidic polymeric ionic liquids based reduced graphene oxide: An efficient and rewriteable catalyst for oxidative desulfurization. Chemical Engineering Journal, 2018, 334, 285-295.	12.7	69
13	Multi-targeting exploration of new 2-aminothiazolyl quinolones: Synthesis, antimicrobial evaluation, interaction with DNA, combination with topoisomerase IV and penetrability into cells. European Journal of Medicinal Chemistry, 2016, 124, 935-945.	5.5	65
14	Observed surface wind speed in the Tibetan Plateau since 1980 and its physical causes. International Journal of Climatology, 2014, 34, 1873-1882.	3.5	63
15	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. Molecular Cell, 2016, 64, 803-814.	9.7	63
16	Design and biological evaluation of novel quinolone-based metronidazole derivatives as potent Cu ²⁺ -mediated DNA-targeting antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3699-3705.	2.2	61
17	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
18	Wogonin attenuates inflammation by activating PPAR- γ in alcoholic liver disease. International Immunopharmacology, 2017, 50, 95-106.	3.8	51

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19	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
20	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
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37	Meso-Cellular Silicate Foam-Modified Reduced Graphene Oxide with a Sandwich Structure for Enzymatic Immobilization and Bioelectrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29522-29535.	8.0	19
38	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.	4.1	18
39	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
40	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
41	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
42	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
43	Fluorouracil Selectively Enriches Stem-like Leukemic Cells in a Leukemic Cell Line. <i>International Journal of Biological Sciences</i> , 2010, 6, 419-427.	6.4	16
44	Oncogenic B-RafV600E abrogates the AKT/B-Raf/Mps1 interaction in melanoma cells. <i>Cancer Letters</i> , 2013, 337, 125-132.	7.2	15
45	Efficient improvement on stability of sarcosine oxidase via poly-lysine modification on enzyme surface. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 140-146.	7.5	15
46	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
47	Association Between the (GT) _n 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.	1.2	15
48	Discovery of novel rosmarinic acid 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
49	Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. <i>Chromatographia</i> , 2011, 74, 443-450.	1.3	13
50	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
51	An Improved Bluetooth Indoor Positioning Method Using Dynamic Fingerprint Window. <i>Sensors</i> , 2020, 20, 7269.	3.8	13
52	Gpihbp1 deficiency accelerates atherosclerosis and plaque instability in diabetic <i>Ldlr</i> ^{-/-} mice. <i>Atherosclerosis</i> , 2019, 282, 100-109.	0.8	12
53	Perspectives on Oncolytic Salmonella in Cancer Immunotherapy—A Promising Strategy. <i>Frontiers in Immunology</i> , 2021, 12, 615930.	4.8	12
54	Synthesis, Antimicrobial Activity, and Molecular Docking of Benzoic Hydrazone or Amide Derivatives Containing a 1,2,3-Triazole Group as Potential SDH Inhibitors. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1319-1330.	4.9	12

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55	Evaluation of River Network Generalization Methods for Preserving the Drainage Pattern. ISPRS International Journal of Geo-Information, 2016, 5, 230.	2.9	11
56	One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization. RSC Advances, 2017, 7, 31691-31695.	3.6	11
57	Prospect Theory-Based Optimal Bidding Model of a Prosumer in the Power Market. IEEE Access, 2020, 8, 137063-137073.	4.2	11
58	Ingestion of collagen hydrolysates alleviates skin chronological aging in an aged mouse model by increasing collagen synthesis. Food and Function, 2020, 11, 5573-5580.	4.6	11
59	Target Discovery in <i>Ralstonia solanacearum</i> through an Activity-Based Protein Profiling Technique Based on Bioactive Oxadiazole Sulfones. Journal of Agricultural and Food Chemistry, 2020, 68, 2340-2346.	5.2	11
60	Higher health risk resulted from dermal exposure to PCBs than HFRs and the influence of haze. Science of the Total Environment, 2019, 689, 223-231.	8.0	10
61	Map Matching for Urban High-Sampling-Frequency GPS Trajectories. ISPRS International Journal of Geo-Information, 2020, 9, 31.	2.9	10
62	Recent Advances in Delivery Systems for Genetic and Other Novel Vaccines. Advanced Materials, 2022, 34, e2107946.	21.0	10
63	Altered expression and loss of heterozygosity of the migration and invasion inhibitory protein (MIIP) gene in breast cancer. Oncology Reports, 2015, 33, 2771-2778.	2.6	9
64	A Genetic Algorithm for Tributary Selection with Consideration of Multiple Factors. Transactions in GIS, 2017, 21, 332-358.	2.3	9
65	Construction of multifunctional electrochemical sensor based on electroactivity-adjustable poly (ionic liquids)/reduced graphene oxide. Talanta, 2019, 197, 277-283.	5.5	9
66	GRIM-19 inhibits proliferation and induces apoptosis in a p53-dependent manner in colorectal cancer cells through the SIRT7/PCAF/MDM2 axis. Experimental Cell Research, 2021, 407, 112799.	2.6	9
67	Synthesis and bioactive evaluations of novel benzotriazole compounds as potential antimicrobial agents and the interaction with calf thymus DNA. Journal of Chemical Sciences, 2015, 127, 2251-2260.	1.5	8
68	Analysis of A Remote Rainstorm in the Yangtze River Delta Region Caused by Typhoon Mangkhut (2018). Journal of Marine Science and Engineering, 2020, 8, 345.	2.6	8
69	RGFP966, a histone deacetylase 3 inhibitor, promotes glioma stem cell differentiation by blocking TGF- β 2 signaling via SMAD7. Biochemical Pharmacology, 2020, 180, 114118.	4.4	8
70	Changes and uncertainties of surface mean temperature over China under global warming of 1.5 and 2°C. International Journal of Climatology, 2021, 41, E410.	3.5	8
71	Seipin Deficiency Accelerates Heart Failure Due to Calcium Handling Abnormalities and Endoplasmic Reticulum Stress in Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 644128.	2.4	8
72	Co-delivery of TRAIL and paclitaxel by fibronectin-targeting liposomal nanodisk for effective lung melanoma metastasis treatment. Nano Research, 2022, 15, 728-737.	10.4	8

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73	An exosome-mimicking membrane hybrid nanoplatfrom for targeted treatment toward Kras-mutant pancreatic carcinoma. <i>Biomaterials Science</i> , 2021, 9, 5599-5611.	5.4	8
74	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
75	Antibacterial Activity of Novel 18 β -Glycyrrhetic Hydrazide or Amide Derivatives. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 662-667.	2.6	6
76	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
77	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
78	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
79	Functional verification and screening of protein interacting with the sPHB3. <i>Plant Signaling and Behavior</i> , 2022, 17, 2025678.	2.4	5
80	Overexpression of <i>LpCPC</i> from <i>Lilium pumilum</i> confers saline-alkali stress (NaHCO ₃) resistance. <i>Plant Signaling and Behavior</i> , 2022, 17, 2057723.	2.4	5
81	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
82	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
83	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
84	Affinity purification of aprotinin from bovine lung. <i>Journal of Separation Science</i> , 2015, 38, 1441-1448.	2.5	3
85	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
86	Spatial Accuracy Evaluation for Mobile Phone Location Data With Consideration of Geographical Context. <i>IEEE Access</i> , 2020, 8, 221176-221190.	4.2	3
87	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
88	Enhanced immunostimulatory properties in CpG-oligonucleotides modified by gold nanoparticles. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 832-836.	1.0	2
89	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
90	Targeting ApoC3 Paradoxically Aggravates Atherosclerosis in Hamsters With Severe Refractory Hypercholesterolemia. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840358.	2.4	2

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91	Molecular characterization, expression and anti-tumor function analysis of yak IFITM2 gene. International Journal of Biological Macromolecules, 2022, 209, 405-412.	7.5	2
92	A self-adjusting and probabilistic decision-making classifier based on the constructive covering algorithm in neural networks. , 0, , .		1
93	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
94	The Impact of Collusion on Bilateral Negotiation in Direct Electricity Purchase Market. , 2018, , .		1
95	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. Remote Sensing, 2021, 13, 1015.	4.0	1
96	Thermally responsive reduced graphene oxide with electroactive functionality for controllable electroanalysis. Talanta, 2021, 231, 122368.	5.5	1
97	Pursuing sustainable high-yield winter wheat via preanthesis dry matter and nitrogen accumulation by optimizing nitrogen management. Agronomy Journal, 2022, 114, 1229-1245.	1.8	1
98	Progress of GATA6 in liver development. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2018, 40, 22-32.	0.2	1
99	The impact on the Oriental white stork habitat due to the agriculture development in Sanjiang Plain, Northeast China. , 2012, , .		0
100	One step affinity recovery of 3 β -hydroxysteroid dehydrogenase from cloned Escherichia coli. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 991, 79-84.	2.3	0
101	Influence of geographical determinants on the spatial distribution of positioning uncertainties in mobile phone location data. Transactions in GIS, 0, , .	2.3	0
102	In Vivo Knee Kinematics in Patients With Arthrofibrosis After Anterior Cruciate Ligament Reconstruction. Journal of Sport Rehabilitation, 2022, , 1-7.	1.0	0
103	New compounds from the stems of <i>Fissistigma acuminatissimum</i> Merr. and their in vitro anti-inflammatory activity. Natural Product Research, 2022, , 1-9.	1.8	0