

Hongyu Li

List of Publications by Year in descending order

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62
papers

1,679
citations

393982

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301761

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docs citations

66
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis Accompanied by OH^\cdot Generation and Cytoplasmic Viscosity Increase Revealed via Dual-Functional Fluorescence Probe. <i>Journal of the American Chemical Society</i> , 2019, 141, 18301-18307.	6.6	214
2	Observation of the Generation of ONOO^\cdot in Mitochondria under Various Stimuli with a Sensitive Fluorescence Probe. <i>Analytical Chemistry</i> , 2017, 89, 5519-5525.	3.2	157
3	SETDB1-mediated methylation of Akt promotes its K63-linked ubiquitination and activation leading to tumorigenesis. <i>Nature Cell Biology</i> , 2019, 21, 214-225.	4.6	133
4	A near-infrared fluorescence off-on probe for sensitive imaging of hydrogen polysulfides in living cells and mice in vivo. <i>Chemical Communications</i> , 2017, 53, 8759-8762.	2.2	81
5	Rationally Designed Fluorescence OH^\cdot Probe with High Sensitivity and Selectivity for Monitoring the Generation of OH^\cdot in Iron Autoxidation without Addition of H_2O_2 . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12830-12834.	7.2	81
6	A highly sensitive and selective fluorescence off-on probe for the detection of intracellular endogenous tyrosinase activity. <i>Chemical Communications</i> , 2017, 53, 2443-2446.	2.2	72
7	Effects of compound K on hyperglycemia and insulin resistance in rats with type 2 diabetes mellitus. <i>F&Toterap</i> , 2014, 95, 58-64.	1.1	66
8	A microbial transformation using <i>Bacillus subtilis</i> B7-S to produce natural vanillin from ferulic acid. <i>Scientific Reports</i> , 2016, 6, 20400.	1.6	49
9	Biotransformation of ferulic acid to vanillin in the packed bed-stirred fermentors. <i>Scientific Reports</i> , 2016, 6, 34644.	1.6	48
10	Rose Essential Oil Delayed Alzheimer's Disease-Like Symptoms by SKN-1 Pathway in <i>C. elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8855-8865.	2.4	46
11	Design, synthesis and application of a dual-functional fluorescent probe for reactive oxygen species and viscosity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119059.	2.0	43
12	EM23, A Natural Sesquiterpene Lactone from <i>Elephantopus mollis</i> , Induces Apoptosis in Human Myeloid Leukemia Cells through Thioredoxin- and Reactive Oxygen Species-Mediated Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2016, 7, 77.	1.6	34
13	External Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21546-21552.	7.2	34
14	Ratiometric Fluorescent Probe for Imaging of Pantetheinase in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 11107-11112.	3.2	33
15	Rationally Designed Fluorescence OH^\cdot Probe with High Sensitivity and Selectivity for Monitoring the Generation of OH^\cdot in Iron Autoxidation without Addition of H_2O_2 . <i>Angewandte Chemie</i> , 2018, 130, 13012-13016.	1.6	31
16	Binding specificities of estrogen receptor with perfluorinated compounds: A cross species comparison. <i>Environment International</i> , 2020, 134, 105284.	4.8	31
17	Ferulic acid delayed amyloid $\text{A}\beta$ -induced pathological symptoms by autophagy pathway via a fasting-like effect in <i>Caenorhabditis elegans</i> . <i>Food and Chemical Toxicology</i> , 2020, 146, 111808.	1.8	26
18	Dianxianning improved amyloid $\text{A}\beta$ -induced pathological characteristics partially through DAF-2/DAF-16 insulin like pathway in transgenic <i>C. elegans</i> . <i>Scientific Reports</i> , 2017, 7, 11408.	1.6	23

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19	Optimization of magnetosome production by <i>Acidithiobacillus ferrooxidans</i> using desirability function approach. <i>Materials Science and Engineering C</i> , 2016, 59, 731-739.	3.8	22
20	Secondary metabolites from marine-derived <i>Streptomyces antibioticus</i> strain H74-21. <i>Natural Product Research</i> , 2016, 30, 2460-2467.	1.0	21
21	An endoplasmic reticulum-targeting fluorescent probe for imaging $\text{E}^{\text{TM}}\text{OH}$ in living cells. <i>Chemical Communications</i> , 2020, 56, 6344-6347.	2.2	20
22	Feasibility of biohydrogen production from industrial wastes using defined microbial co-culture. <i>Biological Research</i> , 2015, 48, 24.	1.5	19
23	The use of (5Z)-4-bromo-5-(bromomethylene)-2(5H)-furanone for controlling acid mine drainage through the inhibition of <i>Acidithiobacillus ferrooxidans</i> biofilm formation. <i>Bioresource Technology</i> , 2015, 186, 52-57.	4.8	19
24	Protective effect of <i>Terminalia chebula</i> Retz. extract against Al^{3+} aggregation and Al^{3+} -induced toxicity in <i>Caenorhabditis elegans</i> . <i>Journal of Ethnopharmacology</i> , 2021, 268, 113640.	2.0	18
25	Cultivation-independent comprehensive investigations on bacterial communities in serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , 2016, 7, 127-128.	1.3	17
26	Monitoring the different changing behaviors of H_2O_2 and cysteine in two ferroptosis pathways by a dual-functional fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2022, 362, 131742.	4.0	17
27	Metagenomic data of fungal internal transcribed spacer from serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , 2016, 7, 134-136.	1.3	16
28	H_2O_2 -Responsive Organosilica-Doxorubicin Nanoparticles for Targeted Imaging and Killing of Cancer Cells Based on a Synthesized Silane-Borate Precursor. <i>ChemMedChem</i> , 2019, 14, 1079-1085.	1.6	16
29	Antioxidative role of Traditional Chinese Medicine in Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114821.	2.0	16
30	Anti-ageing peptides and proteins for topical applications: a review. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 108-125.	1.1	14
31	Recent Advances of Fluorescence Probes for Imaging of Ferroptosis Process. <i>Chemosensors</i> , 2022, 10, 233.	1.8	14
32	Draft genome sequence of extremely acidophilic bacterium <i>Acidithiobacillus ferrooxidans</i> DLC-5 isolated from acid mine drainage in Northeast China. <i>Genomics Data</i> , 2015, 6, 267-268.	1.3	13
33	Properties of realgar bioleaching using an extremely acidophilic bacterium and its antitumor mechanism as an anticancer agent. <i>Biological Research</i> , 2017, 50, 17.	1.5	13
34	New progress in spectroscopic probes for reactive oxygen species. <i>Journal of Analysis and Testing</i> , 2018, 2, 2-19.	2.5	13
35	Metabolites Identification of Bioactive Compounds Daturaturin A, Daturametelin I, N-Trans-Feruloyltyramine, and Cannabisin F From the Seeds of <i>Datura metel</i> in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 731.	1.6	13
36	Identification of velvet antler by random amplified polymorphism DNA combined with non-gel sieving capillary electrophoresis. <i>Mitochondrial DNA</i> , 2016, 27, 1216-1222.	0.6	12

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37	Shengmai Formula Ameliorates Pathological Characteristics in AD C.Âlegans. Cellular and Molecular Neurobiology, 2016, 36, 1291-1302.	1.7	11
38	Ursolic acid ameliorates amyloid Î²-induced pathological symptoms in Caenorhabditis elegans by activating the proteasome. NeuroToxicology, 2022, 88, 231-240.	1.4	11
39	Shengmai Formula suppressed over-activated Ras/MAPK pathway in C. elegans by opening mitochondrial permeability transition pore via regulating cyclophilin D. Scientific Reports, 2016, 6, 38934.	1.6	10
40	A Novel Fullerene-Based Drug Delivery System Delivering Doxorubicin for Potential Lung Cancer Therapy. Journal of Nanoscience and Nanotechnology, 2017, 17, 5147-5154.	0.9	10
41	Understanding the interaction of single-walled carbon nanotube (SWCNT) on estrogen receptor: A combined molecular dynamics and experimental study. Ecotoxicology and Environmental Safety, 2019, 172, 373-379.	2.9	10
42	Effects of compound deer bone extract on osteoporosis model mice and intestinal microflora. Journal of Food Biochemistry, 2021, 45, e13740.	1.2	10
43	Single-cell RNA-seq profiling of individual Biomphalaria glabrata immune cells with a focus on immunologically relevant transcripts. Immunogenetics, 2022, 74, 77-98.	1.2	10
44	Kushui Rose (R.ÿ½Setateÿ½R.ÿ½Rugosa) decoction exerts antitumor effects in C. elegans by downregulating Ras/MAPK pathway and resisting oxidative stress. International Journal of Molecular Medicine, 2018, 42, 1411-1417.	1.8	9
45	Da-Huang-Xiao-Shi decoction protects against 3, 5-diethoxycarbonyl-1,4-dihydroxycollidine-induced chronic cholestasis by upregulating bile acid metabolic enzymes and efflux transporters. Journal of Ethnopharmacology, 2021, 269, 113706.	2.0	9
46	In Silico Classification and Prediction of VIP Derivatives as VPAC1/ VPAC2 Receptor Agonists/Antagonists. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 33-41.	0.6	8
47	Autophagy enhanced antitumor effect in K562 and K562/ADM cells using realgar transforming solution. Biomedicine and Pharmacotherapy, 2018, 98, 252-264.	2.5	8
48	Externalâ€Radiationâ€Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. Angewandte Chemie, 2020, 132, 21730-21736.	1.6	8
49	Realgar increases defenses against infection by Enterococcus faecalis in Caenorhabditis elegans. Journal of Ethnopharmacology, 2021, 268, 113559.	2.0	8
50	Starch biotransformation into isomaltooligosaccharides using thermostable alpha-glucosidase from <i>Geobacillus stearothermophilus</i>. PeerJ, 2018, 6, e5086.	0.9	8
51	Arsenic Precipitation in the Bioleaching of Realgar Using <i>Acidithiobacillus ferrooxidans</i>. Hindawi Journal of Chemistry, 2013, 2013, 1-5.	1.6	7
52	Paenibacillus ripae sp. nov., isolated from bank side soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4757-4762.	0.8	7
53	A 1,2â€Dioxetaneâ€Based Chemiluminescent Probe for Highly Selective and Sensitive Detection of Superoxide Anions <i>inâ€...Vivo</i> and <i>inâ€...Vivo</i>. ChemPlusChem, 2022, 87, e202200054.	1.3	7
54	HM-3-HSA exhibits potent anti-angiogenesis and antitumor activity in hepatocellular carcinoma. European Journal of Pharmaceutical Sciences, 2021, 167, 106017.	1.9	6

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55	Novel Lysosome-Targeting Fluorescence Off-On Photosensitizer for Near-Infrared Hypoxia Imaging and Photodynamic Therapy In Vitro and In Vivo. <i>Molecules</i> , 2022, 27, 3457.	1.7	6
56	Realgar transforming solution as a novel arsenic agent with a lower risk of cardiotoxicity. <i>Journal of Pharmacological Sciences</i> , 2019, 140, 162-170.	1.1	5
57	Loss of haspin suppresses cancer cell proliferation by interfering with cell cycle progression at multiple stages. <i>FASEB Journal</i> , 2021, 35, e21923.	0.2	5
58	Molecular mechanisms of resistance to human pathogenic bacteria in <i>Caenorhabditis elegans</i> by MEV-1 mediated oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 481-487.	1.0	4
59	Design, synthesis, and structure activity relationship (SAR) studies of novel imidazo[1,2-a] pyridine derivatives as Nek2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115775.	1.4	4
60	mRNA chip-based analysis on transcription factor regulatory network central nodes of protection targets of Deproteinized Extract of Calf Blood on acute liver injury in mice. <i>International Immunopharmacology</i> , 2018, 56, 212-216.	1.7	1
61	Frontispiece: External Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	1
62	Frontispiz: External Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie</i> , 2020, 132, .	1.6	0