

Hongyu Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,020
citations

17
h-index

30
g-index

66
ext. papers

1,373
ext. citations

5.9
avg, IF

4.66
L-index

#	Paper	IF	Citations
60	Observation of the Generation of ONOO in Mitochondria under Various Stimuli with a Sensitive Fluorescence Probe. <i>Analytical Chemistry</i> , 2017 , 89, 5519-5525	7.8	112
59	Ferroptosis Accompanied by OH Generation and Cytoplasmic Viscosity Increase Revealed via Dual-Functional Fluorescence Probe. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18301-18307	16.4	106
58	SETDB1-mediated methylation of Akt promotes its K63-linked ubiquitination and activation leading to tumorigenesis. <i>Nature Cell Biology</i> , 2019 , 21, 214-225	23.4	68
57	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	5.8	68
56	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	5.8	56
55	Rationally Designed Fluorescence OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of OH in Iron Autoxidation without Addition of H ₂ O ₂ . <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12830-12834	16.4	56
54	Effects of compound K on hyperglycemia and insulin resistance in rats with type 2 diabetes mellitus. <i>Diabetes Therapy</i> , 2014 , 95, 58-64	3.2	54
53	Biotransformation of ferulic acid to vanillin in the packed bed-stirred fermentors. <i>Scientific Reports</i> , 2016 , 6, 34644	4.9	36
52	A microbial transformation using <i>Bacillus subtilis</i> B7-S to produce natural vanillin from ferulic acid. <i>Scientific Reports</i> , 2016 , 6, 20400	4.9	31
51	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	5.6	27
50	Ratiometric Fluorescent Probe for Imaging of Pantetheinase in Living Cells. <i>Analytical Chemistry</i> , 2017 , 89, 11107-11112	7.8	25
49	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	4.4	24
48	Rationally Designed Fluorescence .OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of .OH in Iron Autoxidation without Addition of H ₂ O ₂ . <i>Angewandte Chemie</i> , 2018 , 130, 13012-13016	3.6	23
47	Binding specificities of estrogen receptor with perfluorinated compounds: A cross species comparison. <i>Environment International</i> , 2020 , 134, 105284	12.9	23
46	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	5.7	22
45	Optimization of magnetosome production by <i>Acidithiobacillus ferrooxidans</i> using desirability function approach. <i>Materials Science and Engineering C</i> , 2016 , 59, 731-739	8.3	18
44	Secondary metabolites from marine-derived <i>Streptomyces antibioticus</i> strain H74-21. <i>Natural Product Research</i> , 2016 , 30, 2460-7	2.3	18

43	Feasibility of biohydrogen production from industrial wastes using defined microbial co-culture. <i>Biological Research</i> , 2015 , 48, 24	7.6	15
42	Dianxianning improved amyloid β 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	4.9	13
41	Cultivation-independent comprehensive investigations on bacterial communities in serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , 2016 , 7, 127-8		12
40	Metagenomic data of fungal internal transcribed spacer from serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , 2016 , 7, 134-6		12
39	Ferulic acid delayed amyloid β 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	4.7	12
38	H ₂ O 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	3.7	11
37	An endoplasmic reticulum-targeting fluorescent probe for imaging α syn in living cells. <i>Chemical Communications</i> , 2020 , 56, 6344-6347	5.8	11
36	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, 267-8		11
35	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	11	10
34	Identification of velvet antler by random amplified polymorphism DNA combined with non-gel sieving capillary electrophoresis. <i>Mitochondrial DNA</i> , 2016 , 27, 1216-22		10
33	Understanding the interaction of single-walled carbon nanotube (SWCNT) on estrogen receptor: A combined molecular dynamics and experimental study. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 172, 373-379	7	9
32	Properties of realgar bioleaching using an extremely acidophilic bacterium and its antitumor mechanism as an anticancer agent. <i>Biological Research</i> , 2017 , 50, 17	7.6	9
31	Shengmai Formula suppressed over-activated Ras/MAPK pathway in <i>C. elegans</i> by opening mitochondrial permeability transition pore via regulating cyclophilin D. <i>Scientific Reports</i> , 2016 , 6, 38934	4.9	9
30	Autophagy enhanced antitumor effect in K562 and K562/ADM cells using realgar transforming solution. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 98, 252-264	7.5	8
29	External-Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21546-21552	16.4	8
28	Shengmai Formula Ameliorates Pathological Characteristics in AD <i>C. elegans</i> . <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 1291-1302	4.6	7
27	Metabolites Identification of Bioactive Compounds Daturaturin A, Daturametelin I, -Trans-Feruloyltyramine, and Cannabisin F From the Seeds of in Rats. <i>Frontiers in Pharmacology</i> , 2018 , 9, 731	5.6	7
26	In silico classification and prediction of VIP derivatives as VPAC1/VPAC2 receptor agonists/antagonists. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015 , 18, 33-41	1.3	7

25	A Novel Fullerene-Based Drug Delivery System Delivering Doxorubicin for Potential Lung Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 5147-5154	1.3	6
24	New progress in spectroscopic probes for reactive oxygen species. <i>Journal of Analysis and Testing</i> , 2018 , 2, 2-19	3.2	6
23	Kushui Rose (R. Setate & R. Rugosa) decoction exerts antitumor effects in <i>C. elegans</i> by downregulating Ras/MAPK pathway and resisting oxidative stress. <i>International Journal of Molecular Medicine</i> , 2018 , 42, 1411-1417	4.4	6
22	Arsenic Precipitation in the Bioleaching of Realgar Using <i>Acidithiobacillus ferrooxidans</i> . <i>Hindawi Journal of Chemistry</i> , 2013 , 2013, 1-5		5
21	Starch biotransformation into isomaltooligosaccharides using thermostable alpha-glucosidase from. <i>PeerJ</i> , 2018 , 6, e5086	3.1	5
20	Protective effect of <i>Terminalia chebula</i> Retz. extract against A β aggregation and A β induced toxicity in <i>Caenorhabditis elegans</i> . <i>Journal of Ethnopharmacology</i> , 2021 , 268, 113640	5	5
19	Anti-ageing peptides and proteins for topical applications: a review.. <i>Pharmaceutical Development and Technology</i> , 2021 , 1-33	3.4	4
18	External-Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie</i> , 2020 , 132, 21730-21736	3.6	4
17	Realgar increases defenses against infection by <i>Enterococcus faecalis</i> in <i>Caenorhabditis elegans</i> . <i>Journal of Ethnopharmacology</i> , 2021 , 268, 113559	5	4
16	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, 481-484	3.4	3
15	Realgar transforming solution as a novel arsenic agent with a lower risk of cardiotoxicity. <i>Journal of Pharmacological Sciences</i> , 2019 , 140, 162-170	3.7	3
14	<i>Paenibacillus ripae</i> sp. nov., isolated from bank side soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4757-4762	2.2	3
13	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. <i>Journal of Ethnopharmacology</i> , 2021 , 269, 113706	5	3
12	Single-cell RNA-seq profiling of individual <i>Biomphalaria glabrata</i> immune cells with a focus on immunologically relevant transcripts. <i>Immunogenetics</i> , 2021 , 1	3.2	2
11	Monitoring the different changing behaviors of DH and cysteine in two ferroptosis pathways by a dual-functional fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2022 , 362, 131742	8.5	2
10	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	5.8	1
9	Ursolic acid ameliorates amyloid β induced pathological symptoms in <i>Caenorhabditis elegans</i> by activating the proteasome.. <i>NeuroToxicology</i> , 2021 , 88, 231-240	4.4	1
8	Antioxidative role of Traditional Chinese Medicine in Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2021 , 114821	5	1

7	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	3.4	1
6	Frontispiece: External-Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie - International Edition</i> , 2020 , 59,	16.4	1
5	HM-3-HSA exhibits potent anti-angiogenesis and antitumor activity in hepatocellular carcinoma. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 167, 106017	5.1	1
4	Loss of haspin suppresses cancer cell proliferation by interfering with cell cycle progression at multiple stages. <i>FASEB Journal</i> , 2021 , 35, e21923	0.9	1
3	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	4.8	1
2	Effects of compound deer bone extract on osteoporosis model mice and intestinal microflora. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13740	3.3	0
1	A 1,2-Dioxetane-Based Chemiluminescent Probe for Highly Selective and Sensitive Detection of Superoxide Anions in Vitro and in Vivo.. <i>ChemPlusChem</i> , 2022 , 87, e202200054	2.8	0