

Yong-Jun Li

List of Publications by Year in descending order

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85
papers

1,193
citations

361413

20
h-index

477307

29
g-index

102
all docs

102
docs citations

102
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, biological evaluation, and molecular modelling of new naphthalene-chalcone derivatives as potential anticancer agents on MCF-7 breast cancer cells by targeting tubulin colchicine binding site. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 139-144.	5.2	59
2	Antibacterial and anti-inflammatory effects of extracts and fractions from <i>Polygonum capitatum</i> . <i>Journal of Ethnopharmacology</i> , 2011, 134, 1006-1009.	4.1	50
3	Design, synthesis, biological evaluation and molecular docking studies of new chalcone derivatives containing diaryl ether moiety as potential anticancer agents and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103565.	4.1	50
4	Zinc-dependent Deacetylase (HDAC) Inhibitors with Different Zinc Binding Groups. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 223-241.	2.1	50
5	Early Carboniferous volcanic rocks of West Junggar in the western Central Asian Orogenic Belt: implications for a supra-subduction system. <i>International Geology Review</i> , 2014, 56, 823-844.	2.1	45
6	SIRT4 is the last puzzle of mitochondrial sirtuins. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3861-3865.	3.0	42
7	Facile and Nonradiation Pretreated Membrane as a High Conductive Separator for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20184-20189.	8.0	39
8	Synthesis, biological evaluation, and docking studies of novel 5,6-diaryl-1,2,4-triazine thiazole derivatives as a new class of α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2018, 78, 195-200.	4.1	38
9	Design, synthesis, molecular modeling, and biological evaluation of pyrazole-naphthalene derivatives as potential anticancer agents on MCF-7 breast cancer cells by inhibiting tubulin polymerization. <i>Bioorganic Chemistry</i> , 2020, 103, 104141.	4.1	35
10	A review on synthetic chalcone derivatives as tubulin polymerisation inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 9-38.	5.2	33
11	Design, synthesis, molecular modeling, and biological evaluation of novel kojic acid derivatives containing bioactive heterocycle moiety as inhibitors of tyrosinase and antibrowning agents. <i>Food Chemistry</i> , 2021, 362, 130241.	8.2	32
12	Attenuation of NLRP3 Inflammasome Activation by Indirubin-Derived PROTAC Targeting HDAC6. <i>ACS Chemical Biology</i> , 2021, 16, 2746-2751.	3.4	32
13	Scutellarin inhibits Hela cell growth and glycolysis by inhibiting the activity of pyruvate kinase M2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 5404-5408.	2.2	28
14	Identification and Characterisation of Phenolics in <i>Polygonum capitatum</i> by Ultrahigh-Performance Liquid Chromatography with Photodiode Array Detection and Tandem Mass Spectrometry. <i>Phytochemical Analysis</i> , 2013, 24, 556-568.	2.4	25
15	A mini-review on Sirtuin activity assays. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 459-466.	2.1	25
16	Petrogenesis and tectonic implications of the middle Silurian volcanic rocks in northern West Junggar, NW China. <i>International Geology Review</i> , 2014, 56, 869-884.	2.1	24
17	Evaluation of the impact of <i>Polygonum capitatum</i> , a traditional Chinese herbal medicine, on rat hepatic cytochrome P450 enzymes by using a cocktail of probe drugs. <i>Journal of Ethnopharmacology</i> , 2014, 158, 276-282.	4.1	23
18	A UPLC-MS/MS Method for Simultaneous Determination of Free and Total Forms of a Phenolic Acid and Two Flavonoids in Rat Plasma and Its Application to Comparative Pharmacokinetic Studies of <i>Polygonum capitatum</i> Extract in Rats. <i>Molecules</i> , 2017, 22, 353.	3.8	23

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19	Identification of anti-inflammatory constituents from <i>Kalimeris indica</i> with UHPLC-ESI-Q-TOF-MS/MS and GC-MS. <i>Journal of Ethnopharmacology</i> , 2015, 165, 39-45.	4.1	22
20	Synthesis, Anticancer Activity and Molecular Modeling Studies of Novel Chalcone Derivatives Containing Indole and Naphthalene Moieties as Tubulin Polymerization Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 725-728.	1.3	22
21	Design, synthesis, and anticancer evaluation of benzophenone derivatives bearing naphthalene moiety as novel tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104265.	4.1	21
22	Indirubin Derivatives as Dual Inhibitors Targeting Cyclin-Dependent Kinase and Histone Deacetylase for Treating Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15280-15296.	6.4	21
23	UPLC-PDA-ESI-MS/MS Analysis of Compounds Extracted by Cardiac h9c2 Cell from <i>Polygonum orientale</i> . <i>Phytochemical Analysis</i> , 2013, 24, 25-35.	2.4	19
24	Design, synthesis and biological evaluation of novel thiazole-naphthalene derivatives as potential anticancer agents and tubulin polymerisation inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1693-1701.	5.2	17
25	Using the UPLC-ESI-Q-TOF-MS method and intestinal bacteria for metabolite identification in the nonpolysaccharide fraction from <i>Bletilla striata</i> . <i>Biomedical Chromatography</i> , 2019, 33, e4637.	1.7	16
26	Synthesis Strategies for β -, γ - and δ -Carbolines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 429-452.	2.7	16
27	Design, synthesis, and biological evaluation of 2,4-diamino pyrimidine derivatives as potent FAK inhibitors with anti-cancer and anti-angiogenesis activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113573.	5.5	16
28	Simultaneous determination of human plasma protein binding of bioactive flavonoids in <i>Polygonum orientale</i> by equilibrium dialysis combined with UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 376-381.	5.3	15
29	Influence of Shenxiang Glucose Injection on the Activities of Six CYP Isozymes and Metabolism of Warfarin in Rats Assessed Using Probe Cocktail and Pharmacokinetic Approaches. <i>Molecules</i> , 2017, 22, 1994.	3.8	15
30	Pharmacokinetic Comparison of Scutellarin and Paeoniflorin in Sham-Operated and Middle Cerebral Artery Occlusion Ischemia and Reperfusion Injury Rats after Intravenous Administration of Xin-Shao Formula. <i>Molecules</i> , 2016, 21, 1191.	3.8	14
31	Occurrence, synthesis and biological activity of 2-(2-phenylethyl)chromones. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114397.	5.5	14
32	Screening and analysis of potentially active components in Shenxiang glucose injection using UHPLC coupled with photodiode array detection and MS/MS. <i>Journal of Separation Science</i> , 2018, 41, 2130-2138.	2.5	12
33	Red-emitting fluorogenic BODIPY-tetrazine probes for biological imaging. <i>Chemical Communications</i> , 2021, 58, 298-301.	4.1	12
34	In vivo and in vitro anti-inflammatory effects of ethanol fraction from <i>Periploca forrestii</i> Schltr.. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 528-534.	1.6	11
35	Discovery and structure-activity relationship of auriculatone: A potent hepatoprotective agent against acetaminophen-induced liver injury. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3636-3642.	2.2	11
36	Electrospray ionization and collision-induced dissociation tandem mass spectrometric discrimination of polyphenolic glycosides: exact acylation site determination of the acylated monosaccharide residues. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2483-2492.	1.5	10

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37	Synthesis and Antitumor Activities of Chiral Dipeptide Thioureas Containing an Alpha-Aminophosphonate Moiety. <i>Molecules</i> , 2017, 22, 238.	3.8	10
38	A UPLC-ESI-MS/MS Method for Simultaneous Quantitation of Chlorogenic Acid, Scutellarin, and Scutellarein in Rat Plasma: Application to a Comparative Pharmacokinetic Study in Sham-Operated and MCAO Rats after Oral Administration of Erigeron breviscapus Extract. <i>Molecules</i> , 2018, 23, 1808.	3.8	10
39	In Vivo and In Vitro Anti-Arthritic Effects of Cardenolide-Rich and Caffeoylquinic Acid-Rich Fractions of <i>Periploca forrestii</i> . <i>Molecules</i> , 2018, 23, 1988.	3.8	10
40	Auriculatone Sulfate Effectively Protects Mice Against Acetaminophen-Induced Liver Injury. <i>Molecules</i> , 2019, 24, 3642.	3.8	10
41	Pharmacokinetic herb-drug interactions between Aidi injection and doxorubicin in rats with diethylnitrosamine-induced hepatocellular carcinoma. <i>BMC Pharmacology & Toxicology</i> , 2021, 22, 48.	2.4	9
42	A UPLC-MS Method for Simultaneous Determination of Geniposidic Acid, Two Lignans and Phenolics in Rat Plasma and its Application to Pharmacokinetic Studies of <i>Eucommia ulmoides</i> Extract in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 595-603.	1.6	8
43	N- ϵ -acetyl lysine derivatives with zinc binding groups as novel HDAC inhibitors. <i>Royal Society Open Science</i> , 2019, 6, 190338.	2.4	8
44	Three new acenaphthene derivatives from rhizomes of <i>Musa basjoo</i> and their cytotoxic activity. <i>Natural Product Research</i> , 2021, 35, 1307-1312.	1.8	8
45	Discovery of β -Carboline Derivatives as a Highly Potent Cardioprotectant against Myocardial Ischemia-Reperfusion Injury. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9166-9181.	6.4	8
46	(E)-N-Aryl-2-oxo-2-(3,4,5-trimethoxyphenyl)acetohydrazono yl cyanides as tubulin polymerization inhibitors: Structure-based bioisosterism design, synthesis, biological evaluation, molecular docking and in silico ADME prediction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3350-3355.	2.2	7
47	Discovery of tetrandrine derivatives as tumor migration, invasion and angiogenesis inhibitors. <i>Bioorganic Chemistry</i> , 2020, 101, 104025.	4.1	7
48	Design, synthesis and biological evaluation of novel 2-phenyl-4,5,6,7-tetrahydro-1H-indole derivatives as potential anticancer agents and tubulin polymerization inhibitors. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103504.	4.9	7
49	Aidi injection altered the activity of CYP2D4, CYP1A2, CYP2C19, CYP3A2, CYP2E1 and CYP2C11 in normal and diethylnitrosamine-induced hepatocellular carcinoma in rats. <i>Journal of Ethnopharmacology</i> , 2022, 286, 114930.	4.1	7
50	Chemical profiling and quantification of multiple components in Jinâ€™Lian capsule using a multivariate data processing approach based on UHPLCâ€™Orbitrap Exploris 240 MS and UHPLCâ€™MS/MS. <i>Journal of Separation Science</i> , 2022, 45, 1282-1291.	2.5	7
51	Design, synthesis and evaluation of novel scutellarin and scutellarein-N,N-bis-substituted carbamate-l-amino acid derivatives as potential multifunctional therapeutics for Alzheimerâ€™s disease. <i>Bioorganic Chemistry</i> , 2022, 122, 105760.	4.1	7
52	Herb-Drug Interaction: Effects of Relinqingâ€™ Granule on the Pharmacokinetics of Ciprofloxacin, Sulfamethoxazole, and Trimethoprim in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-6.	1.2	6
53	Isolation and characterization of two new 2-isobutylmalates from <i>Bletilla striata</i> . <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 871-875.	1.3	6
54	Study on Anti-Proliferative Activity in Cancer Cells and Preliminary Structure-Activity Relationship of Pseudo-Peptide Chiral Thioureas. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 300-304.	1.9	6

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55	The mimics of N μ -acyl-lysine derived from cysteine as sirtuin inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2375-2378.	2.2	6
56	Comparative pharmacokinetics of quercitrin, astragaloside, afzelin and taxifolin in plasma after oral administration of <i>Polygonum orientale</i> inflorescence in sham-operated and myocardial ischemia-reperfusion injury rats. <i>Xenobiotica</i> , 2020, 50, 822-830.	1.1	6
57	Shenxiang glucose injection inhibits H ₂ O ₂ -induced H9c2 cell apoptosis by activating the ERK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112114.	5.6	6
58	Design, synthesis, and biological evaluation of 2-amino-N-(2-methoxyphenyl)-6-((4-nitrophenyl)sulfonyl)benzamide derivatives as potent HIV-1 Vif inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126638.	2.2	5
59	A Validated HPLC-MS/MS Method for Simultaneous Determination of Militarine and Its Three Metabolites in Rat Plasma: Application to a Pharmacokinetic Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	1.2	5
60	Tissue Distribution Comparison of Six Active Ingredients from an <i>Eucommia</i> Cortex Extract between Normal and Spontaneously Hypertensive Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-16.	1.2	5
61	Protective effects on ovalbumin-induced mouse asthma models and qualitative and quantitative analysis of multiple compounds in <i>Gerbera piloselloidis</i> Herba. <i>Journal of Separation Science</i> , 2022, 45, 990-1005.	2.5	5
62	Differential changes in the pharmacokinetics of doxorubicin in diethylnitrosamine-induced hepatocarcinoma model rats. <i>Xenobiotica</i> , 2020, 50, 1251-1257.	1.1	4
63	Comparative analysis of excretion of six major compounds of <i>Polygonum orientale</i> L. extract in urine, feces and bile under physiological and myocardial ischemia conditions in rats using UPLC-MS/MS. <i>Biomedical Chromatography</i> , 2021, 35, e5174.	1.7	4
64	Cysteine derivatives as acetyl lysine mimics to inhibit zinc-dependent histone deacetylases for treating cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113799.	5.5	4
65	Pharmacokinetic Difference of Six Active Constituents of Huangqi Liuyi Decoction between Control and Diabetic Nephropathy Mouse Models. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-13.	1.0	4
66	U-Pb and Rb-Sr Geochronology of Karamay Porphyry Mo Deposit in Western Junggar, NW China. <i>Resource Geology</i> , 2013, 63, 412-420.	0.8	3
67	Simultaneous Determination of Three Bioactive Constituents from <i>Bletilla striata</i> by UPLC-MS/MS and Application of the Technique to Pharmacokinetic Analyses. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	3
68	Gukang Capsule Promotes Fracture Healing by Activating BMP/SMAD and Wnt/ β -Catenin Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	3
69	Design, Synthesis and Biological Evaluation of Novel 4-(4-Methoxynaphthalen-1-yl)-5-arylpyrimidin-2-amines as Tubulin Polymerization Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1184-1192.	1.3	3
70	Report: structures and hepatocytotoxicity of co-occurring substances in oleanolic acid tablets. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 601-5.	0.2	3
71	Simultaneous Quantification of Seven Caffeoylquinic Acids in Ecotypes of <i>Blumea balsamifera</i> at Various Life Stages by High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2018, 51, 1642-1653.	1.8	2
72	Synthesis, pharmacological evaluation, and mechanistic study of adefovir mixed phosphonate derivatives bearing cholic acid and l-amino acid moieties for the treatment of HBV. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3707-3721.	3.0	2

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73	Synthesis, pharmacological evaluation and mechanistic study of scutellarin methyl ester-4 β -dipeptide conjugates for the treatment of hypoxic-ischemic encephalopathy (HIE) in rat pups. <i>Bioorganic Chemistry</i> , 2020, 101, 103980.	4.1	2
74	Development of a mitochondrial sirtuin 4 FRET assay based on its activity for removing 3-hydroxy-3-methylglutaryl (HMG) modification. <i>RSC Advances</i> , 2021, 11, 2677-2681.	3.6	2
75	Synthesis, biological evaluation and molecular docking investigation of new sulphonamide derivatives bearing naphthalene moiety as potent tubulin polymerisation inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1401-1409.	5.2	2
76	Efficacy of water fraction from <i>Dioscorea cirrhosa</i> on oxidative stress and apoptosis in H9c2 cardiomyocytes induced by H ₂ O ₂ . <i>Journal of Traditional Chinese Medicine</i> , 2021, 41, 51-58.	0.2	2
77	Design, Synthesis, and Biological Evaluation of N14-Amino Acid-Substituted Tetrandrine Derivatives as Potential Antitumor Agents against Human Colorectal Cancer. <i>Molecules</i> , 2022, 27, 4040.	3.8	2
78	Differentiation of Isomeric Polyphenolic Glycosides That Possess Regioisomeric Acylated Monosaccharide Residues by Electrospray Ionization-Tandem Mass Spectrometry. <i>Spectroscopy Letters</i> , 2014, 47, 19-23.	1.0	1
79	Permeability of novel 4 β -N-substituted (aminomethyl) benzoate-7-substituted nicotinic acid ester derivatives of scutellarein in Caco-2 cells and in an in vitro model of the blood-brain barrier. <i>Medicinal Chemistry Research</i> , 2016, 25, 2205-2213.	2.4	1
80	Two Nitrogen-containing Compounds from <i>Pseudostellaria heterophylla</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	1
81	A New Arylnaphthalide Lignan From <i>Oxalis corniculata</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1987588.	0.5	1
82	Shenxiang Glucose Injection Protects H9c2 Cells From CoCl ₂ -Induced Oxidative Damage via Antioxidant and Antiapoptotic Pathways. <i>Natural Product Communications</i> , 2020, 15, 1934578X2092005.	0.5	1
83	Four new benzo[d,e]isochromene derivatives from rhizomes of <i>Musa basjoo</i> . <i>Natural Product Research</i> , 2021, , 1-6.	1.8	1
84	Cell Metabolomics Study on Synergistic anti-Hepatocellular Carcinoma Effect of Aidi Injection Combined with Doxorubicin. <i>Biomedical Chromatography</i> , 0, , .	1.7	1
85	Two new compounds from rhizomes of <i>Musa basjoo</i> . <i>Journal of Asian Natural Products Research</i> , 2021, , 1-5.	1.4	0