

Chang Li

List of Publications by Year in descending order

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51
papers

972
citations

471371

17
h-index

501076

28
g-index

56
all docs

56
docs citations

56
times ranked

1239
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignocellulose pretreatment in a fungus-cultivating termite. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4709-4714.	3.3	107
2	Astragaloside IV alleviates ischemia reperfusion-induced apoptosis by inhibiting the activation of key factors in death receptor pathway and mitochondrial pathway. Journal of Ethnopharmacology, 2020, 248, 112319.	2.0	66
3	The antioxidant effect of imine resveratrol analogues. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5744-5747.	1.0	60
4	Hemin-catalyzed sulfonium ylide formation and subsequently reactant-controlled chemoselective rearrangements. Chemical Communications, 2017, 53, 6219-6222.	2.2	51
5	pH-switched HRP-catalyzed dimerization of resveratrol: a selective biomimetic synthesis. Green Chemistry, 2012, 14, 3281.	4.6	45
6	Aqueous hemin catalyzed sulfonium ylide formation and subsequent [2,3]-sigmatropic rearrangements. Green Chemistry, 2017, 19, 1245-1249.	4.6	39
7	Green and Efficient Ultrasonic-Assisted Extraction of Bioactive Components from <i>Salvia miltiorrhiza</i> by Natural Deep Eutectic Solvents. Molecules, 2020, 25, 140.	1.7	39
8	Resveratrol dimers, nutritional components in grape wine, are selective ROS scavengers and weak Nrf2 activators. Food Chemistry, 2015, 173, 218-223.	4.2	37
9	Greener extraction process and enhanced in vivo bioavailability of bioactive components from <i>Carthamus tinctorius</i> L. by natural deep eutectic solvents. Food Chemistry, 2021, 348, 129090.	4.2	35
10	Precursor ion scan enhanced rapid identification of the chemical constituents of Danhong injection by liquid chromatography-tandem mass spectrometry: An integrated strategy. Journal of Chromatography A, 2019, 1602, 378-385.	1.8	28
11	Chunganenol: An Unusual Antioxidative Resveratrol Hexamer from <i>Vitis chunganensis</i> . Journal of Organic Chemistry, 2009, 74, 7966-7969.	1.7	27
12	Role of the neurovascular unit in the process of cerebral ischemic injury. Pharmacological Research, 2020, 160, 105103.	3.1	23
13	Biotransformation of natural hydroxycinnamic acids by gut microbiota from normal and cerebral ischemia-reperfusion injured rats: a comparative study. Food and Function, 2020, 11, 5389-5395.	2.1	23
14	Imine Resveratrol Analogues: Molecular Design, Nrf2 Activation and SAR Analysis. PLoS ONE, 2014, 9, e101455.	1.1	22
15	Hemin-Catalyzed, Cyclodextrin-Assisted Insertion of Carbenoids into Ni-H Bonds. Advanced Synthesis and Catalysis, 2015, 357, 3341-3345.	2.1	22
16	Hydroxysafflor yellow A and anhydrosafflor yellow B alleviate ferroptosis and parthanatos in PC12 cells injured by OGD/R. Free Radical Biology and Medicine, 2022, 179, 1-10.	1.3	22
17	Pharmacokinetics of Active Components From Guhong Injection in Normal and Pathological Rat Models of Cerebral Ischemia: A Comparative Study. Frontiers in Pharmacology, 2018, 9, 493.	1.6	19
18	Resveratrol derivatives: an updated patent review (2012-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 1189-1200.	2.4	17

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19	Hemin Catalyzed Dealkylative Intercepted [2, 3]-Sigmatropic Rearrangement Reactions of Sulfonium Ylides with 2, 2, 2-Trifluoroethane. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2005-2011.	2.1	17
20	Synthetic Imine Resveratrol Analog 2-Methoxyl-3,6-Dihydroxyl-IRA Ameliorates Colitis by Activating Protective Nrf2 Pathway and Inhibiting NLRP3 Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	15
21	Investigation of Invigorating Qi and Activating Blood Circulation Prescriptions in Treating Qi Deficiency and Blood Stasis Syndrome of Ischemic Stroke Patients: Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Pharmacology</i> , 2020, 11, 892.	1.6	15
22	Correlation study between the pharmacokinetics of seven main active ingredients of Mahuang decoction and its pharmacodynamics in asthmatic rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 183, 113144.	1.4	15
23	Simultaneous Optimization of the Ultrasonic Extraction Method and Determination of the Antioxidant Activities of Hydroxysafflor Yellow A and Anhydrosafflor Yellow B from Safflower Using a Response Surface Methodology. <i>Molecules</i> , 2020, 25, 1226.	1.7	13
24	Screening, Optimization, and Bioavailability Research of Natural Deep Eutectic Solvent Extracts from Radix Pueraria. <i>Molecules</i> , 2021, 26, 729.	1.7	13
25	An integrative strategy for discovery of functional compound combination from Traditional Chinese Medicine: Danhong Injection as a model. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111451.	2.5	13
26	Ultrasound-assisted preparation of "Ready-to-use"™ extracts from Radix Paeoniae Rubra with natural deep eutectic solvents and neuroprotectivity evaluation of the extracts against cerebral ischemic/reperfusion injury. <i>Ultrasonics Sonochemistry</i> , 2022, 84, 105968.	3.8	13
27	Sevoflurane Post-Conditioning Ameliorates Neuronal Deficits and Axon Demyelination After Neonatal Hypoxic Ischemic Brain Injury: Role of Microglia/Macrophage. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1801-1816.	1.7	12
28	Protective Effect of Naoxintong Capsule (è,,â¿fèšèf¶âš) Combined with Guhong Injection (è°·ç°æ³°â°,æ¶²) on Rat Brain Microvascular Endothelial Cells during Cerebral Ischemia-Reperfusion Injury. <i>Chinese Journal of Integrative Medicine</i> , 2020, 27, 744-751.	0.7	12
29	Sulfonium ylide formation and subsequent C S bond cleavage of aromatic isopropyl sulfide catalyzed by hemin in aqueous solvent. <i>Tetrahedron</i> , 2019, 75, 3081-3087.	1.0	11
30	Dan Hong Injection Protects Against Cardiomyocytes Apoptosis by Maintaining Mitochondrial Integrity Through Keap1/Nuclear Factor Erythroid 2-Related Factor 2/JNK Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 591197.	1.6	11
31	Effects of Danhong injection on dyslipidemia and cholesterol metabolism in high-fat diets fed rats. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114058.	2.0	11
32	Recent Advances in Chinese Herbal Medicine for Cerebral Ischemic Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2021, 12, 688596.	1.6	11
33	Enantioselectivity and catalysis improvements of Pseudomonas cepacia lipase with Tyr and Asp modification. <i>Catalysis Science and Technology</i> , 2015, 5, 2681-2687.	2.1	10
34	A Study on Acetylglutamine Pharmacokinetics in Rat Blood and Brain Based on Liquid Chromatography-Tandem Mass Spectrometry and Microdialysis Technique. <i>Frontiers in Pharmacology</i> , 2020, 11, 508.	1.6	10
35	Growth-Inhibiting Activity of Resveratrol Imine Analogs on Tumor Cells In Vitro. <i>PLoS ONE</i> , 2017, 12, e0170502.	1.1	10
36	Optimization of Extraction or Purification Process of Multiple Components from Natural Products: Entropy Weight Method Combined with Plackett-Burman Design and Central Composite Design. <i>Molecules</i> , 2021, 26, 5572.	1.7	9

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37	Scavenging activity and mechanism study of ferulic acid against reactive carbonyl species acrolein. <i>Journal of Zhejiang University: Science B</i> , 2019, 20, 868-876.	1.3	8
38	Pharmacokinetics of seven major active components of Mahuang decoction in rat blood and brain by LC-MS/MS coupled to microdialysis sampling. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1559-1571.	1.4	8
39	Metal incorporated Horseradish Peroxidase (HRP) catalyzed oxidation of resveratrol: selective dimerization or decomposition. <i>RSC Advances</i> , 2013, 3, 22976.	1.7	7
40	Guanxinshutong capsule ameliorates cardiac function and architecture following myocardial injury by modulating ventricular remodeling in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110527.	2.5	6
41	Investigation on the mechanism of 2,3,4,5-Tetrahydroxystilbene 2-o-D-glucoside in the treatment of inflammation based on network pharmacology. <i>Computers in Biology and Medicine</i> , 2022, 145, 105448.	3.9	6
42	Naoxintong Capsule Alternates Gut Microbiota and Prevents Hyperlipidemia in High-Fat-Diet Fed Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 843409.	1.6	6
43	Construction the switch binding pattern of cyclofructan 6. <i>Tetrahedron</i> , 2015, 71, 3447-3452.	1.0	5
44	Protective effects of effective ingredients of Danshen (<i>Radix Salviae Miltiorrhizae</i>) and Honghua (<i>Flos Tj ETQq0 0 0 rgBT /Overlock 10 T</i>) Traditional Chinese Medicine, 2018, 38, 685-697.	0.1	5
45	Benzyl anion transfer in the fragmentation of N-(phenylsulfonyl)-benzeneacetamides: a gas-phase intramolecular S _N Ar reaction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10205-10211.	1.5	4
46	Gas-phase C=C double bond cleavage in the dissociation of protonated 2-benzylidenecyclopentanones: Dissociative proton transfer and intramolecular proton-transport catalysis. <i>Tetrahedron</i> , 2017, 73, 2977-2983.	1.0	2
47	Design and Methodology of a Multicenter Randomized Clinical Trial to Evaluate the Efficacy of Tongmai Jiangtang Capsules in Type 2 Diabetic Coronary Heart Disease Patients. <i>Frontiers in Pharmacology</i> , 2021, 12, 625785.	1.6	2
48	Analogues of imine resveratrol alleviate oxidative stress-induced neurotoxicity in PC12 cells via activation of Nrf2. <i>FEBS Open Bio</i> , 2021, 11, 2127-2138.	1.0	2
49	Effects of Guanxinshutong Capsules as Complementary Treatment in Patients With Chronic Heart Failure: Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Pharmacology</i> , 2020, 11, 571106.	1.6	2
50	Iron Porphyrin Complexes Catalyzed Cyclopropanation Reactions and C-S Bond Cleavage Reactions for Phenyl Vinyl Sulfides and Diazoreagents. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 3837.	0.6	2
51	Astragaloside IV Alleviates Infarction Induced Cardiomyocyte Injury by Improving Mitochondrial Morphology and Function. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 810541.	1.1	1