Li Zhang

List of Publications by Year
in descending order

93	2,229	201385 27	264894 42
papers	citations	h-index	g-index

102	102	102	2788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on the Phytochemistry, Pharmacology, and Pharmacokinetics of Amentoflavone, a Naturally-Occurring Biflavonoid. Molecules, 2017, 22, 299.	1.7	136
2	Promoting Osseointegration of Ti Implants through Micro/Nanoscaled Hierarchical Ti Phosphate/Ti Oxide Hybrid Coating. ACS Nano, 2018, 12, 7883-7891.	7.3	91
3	A Review on the Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of Geniposide, a Natural Product. Molecules, 2017, 22, 1689.	1.7	82
4	Comparative metabolomics analysis on hematopoietic functions of herb pair Gui-Xiong by ultra-high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry and pattern recognition approach. Journal of Chromatography A, 2014, 1346, 49-56.	1.8	73
5	Mollugin induces tumor cell apoptosis and autophagy via the PI3K/AKT/mTOR/p70S6K and ERK signaling pathways. Biochemical and Biophysical Research Communications, 2014, 450, 247-254.	1.0	67
6	A Comprehensive Review of Rosmarinic Acid: From Phytochemistry to Pharmacology and Its New Insight. Molecules, 2022, 27, 3292.	1.7	63
7	Gut microbiota modulation with traditional Chinese medicine: A system biology-driven approach. Pharmacological Research, 2019, 148, 104453.	3.1	60
8	Application of UHPLC-ESI-Q-TOF-MS to Identify Multiple Constituents in Processed Products of the Herbal Medicine Ligustri Lucidi Fructus. Molecules, 2017, 22, 689.	1.7	56
9	Anti-inflammatory effects of Huangqin tang extract in mice on ulcerative colitis. Journal of Ethnopharmacology, 2015, 162, 207-214.	2.0	55
10	Comparison on hypoglycemic and antioxidant activities of the fresh and dried Portulaca oleracea L. in insulin-resistant HepG2 cells and streptozotocin-induced C57BL/6J diabetic mice. Journal of Ethnopharmacology, 2015, 161, 214-223.	2.0	55
11	Hydrophilic interaction ultra-performance liquid chromatography coupled with triple-quadrupole tandem mass spectrometry for highly rapid and sensitive analysis of underivatized amino acids in functional foods. Amino Acids, 2013, 44, 1293-1305.	1.2	53
12	Bio-Guided Isolation of the Cytotoxic Terpenoids from the Roots of Euphorbia kansui against Human Normal Cell Lines L-O2 and GES-1. International Journal of Molecular Sciences, 2012, 13, 11247-11259.	1.8	47
13	Synthesis and Protective Effect of Scutellarein on Focal Cerebral Ischemia/Reperfusion in Rats. Molecules, 2012, 17, 10667-10674.	1.7	47
14	Analysis of herbâ€“herb interaction when decocting together by using ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry and fuzzy chemical identification strategy with poly-proportion design. Journal of Chromatography A, 2013, 1297, 168-178.	1.8	47
15	Integrated plasma and urine metabolomics coupled with HPLC/QTOF-MS and chemometric analysis on potential biomarkers in liver injury and hepatoprotective effects of Er-Zhi-Wan. Analytical and Bioanalytical Chemistry, 2014, 406, 7367-7378.	1.9	46
16	Synthesis and Bio-Activity Evaluation of Scutellarein as a Potent Agent for the Therapy of Ischemic Cerebrovascular Disease. International Journal of Molecular Sciences, 2011, 12, 8208-8216.	1.8	44
17	Urine and plasma metabonomics coupled with UHPLC-QTOF/MS and multivariate data analysis on potential biomarkers in anemia and hematinic effects of herb pair Gui-Hong. Journal of Ethnopharmacology, 2015, 170, 175-183.	2.0	44
18	Anti-thrombotic and pro-angiogenic effects of Rubia cordifolia extract in zebrafish. Journal of Ethnopharmacology, 2018, 219, 152-160.	2.0	42

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19	13C-NMR Data of Three Important Diterpenes Isolated from Euphorbia Species. Molecules, 2009, 14, 4454-4475.	1.7	38
20	Comparative analysis of main aromatic acids and phthalides in Angelicae Sinensis Radix, Chuanxiong Rhizoma, and Fo-Shou-San by a validated UHPLCâ€“TQ-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2014, 99, 45-50.	1.4	38
21	An optimized ultrasound-assisted extraction and simultaneous quantification of 26 characteristic components with four structure types in functional foods from ginkgo seeds. Food Chemistry, 2014, 158, 177-185.	4.2	38
22	The Chemical and Biological Properties of Euphorbia kansui. The American Journal of Chinese Medicine, 2016, 44, 253-273.	1.5	37
23	Hydrophilic interaction ultra-performance liquid chromatography coupled with triple-quadrupole tandem mass spectrometry (HILIC-UPLCâ€“TQ-MS/MS) in multiple-reaction monitoring (MRM) for the determination of nucleobases and nucleosides in ginkgo seeds. Food Chemistry, 2014, 150, 260-266.	4.2	33
24	Euphorbia kansui fry-baked with vinegar modulates gut microbiota and reduces intestinal toxicity in rats. Journal of Ethnopharmacology, 2018, 226, 26-35.	2.0	33
25	Mixed Polyethylene Glycol-Modified Breviscapine-Loaded Solid Lipid Nanoparticles for Improved Brain Bioavailability: Preparation, Characterization, and In Vivo Cerebral Microdialysis Evaluation in Adult Sprague Dawley Rats. AAPS PharmSciTech, 2014, 15, 483-496.	1.5	32
26	Processing of Kansui Roots Stir-Baked with Vinegar Reduces Kansui-Induced Hepatocyte Cytotoxicity by Decreasing the Contents of Toxic Terpenoids and Regulating the Cell Apoptosis Pathway. Molecules, 2014, 19, 7237-7254.	1.7	32
27	A Review of the Botany, Phytochemistry, Pharmacology and Toxicology of Rubiae Radix et Rhizoma. Molecules, 2016, 21, 1747.	1.7	30
28	The toxicity and efficacy evaluation of different fractions of Kansui fry-baked with vinegar on Walker-256 tumor-bearing malignant ascites effusion rats and normal rats. Journal of Ethnopharmacology, 2018, 219, 257-268.	2.0	29
29	Quantitative Comparative Analysis of the Bio-Active and Toxic Constituents of Leaves and Spikes of Schizonepeta tenuifolia at Different Harvesting Times. International Journal of Molecular Sciences, 2011, 12, 6635-6644.	1.8	28
30	Antioxidant capacity of Typha angustifolia extracts and two active flavonoids. Pharmaceutical Biology, 2017, 55, 1283-1288.	1.3	28
31	A Natural Triterpene Derivative from Euphorbia kansui Inhibits Cell Proliferation and Induces Apoptosis against Rat Intestinal Epithelioid Cell Line in Vitro. International Journal of Molecular Sciences, 2015, 16, 18956-18975.	1.8	27
32	Simultaneous quantification of twelve compounds in ethyl acetate extracts of Euphorbia kansui before and after fry-baked with vinegar by UPLCâ€“MS/MS and its toxic effect on zebrafish. Journal of Pharmaceutical and Biomedical Analysis, 2018, 155, 169-176.	1.4	27
33	Comparative metabolomics analysis on invigorating blood circulation for herb pair Gui-Hong by ultra-high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry and pattern recognition approach. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 456-463.	1.4	26
34	Anti-inflammatory effect of volatile oil from Schizonepeta tenuifolia on carrageenin-induced pleurisy in rats and its application to study of appropriate harvesting time coupled with multi-attribute comprehensive index method. Journal of Ethnopharmacology, 2016, 194, 580-586.	2.0	26
35	UFLC-Q-TOF/MS based screening and identification of the metabolites in plasma, bile, urine and feces of normal and blood stasis rats after oral administration of hydroxysafflor yellow A. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1012-1013, 124-129.	1.2	26
36	The dosage-toxicity-efficacy relationship of kansui and licorice in malignant pleural effusion rats based on factor analysis. Journal of Ethnopharmacology, 2016, 186, 251-256.	2.0	24

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37	Salidroside protects against osteoporosis in ovariectomized rats by inhibiting oxidative stress and promoting osteogenesis via Nrf2 activation. Phytomedicine, 2022, 99, 154020.	2.3	22
38	LCâ€“DADâ€“ESI-MSâ€“MS Separation and Chemical Characterization of the Inflammatory Fraction of the Roots of Euphorbia kansui. Chromatographia, 2009, 70, 805-810.	0.7	21
39	3-O-(2â€²E,4â€²Z-decadienoyl)-20-O-acetylingenol induces apoptosis in intestinal epithelial cells of rats via mitochondrial pathway. Journal of Ethnopharmacology, 2015, 174, 331-338.	2.0	21
40	Bioassay-guided separation of the proinflammatory constituents from the roots of Euphorbia kansui. Journal of Natural Medicines, 2010, 64, 98-103.	1.1	20
41	Chemical Property Changes and Thermal Analysis during the Carbonizing Process of the Pollen Grains of Typha. Molecules, 2019, 24, 128.	1.7	20
42	Toxicity of Pekinenin C from Euphorbia Pekinensis Radix on Rat Small Intestinal Crypt Epithelial Cell and Its Apoptotic Mechanism. International Journal of Molecular Sciences, 2016, 17, 850.	1.8	19
43	Interpretation of Euphorbia Kansui Stir-Fried with Vinegar Treating Malignant Ascites by a UPLC-Q-TOF/MS Based Rat Serum and Urine Metabolomics Strategy Coupled with Network Pharmacology. Molecules, 2018, 23, 3246.	1.7	19
44	Comprehensive Comparison of Two Color Varieties of Perillae Folium Using Rapid Resolution Liquid Chromatography Coupled with Quadruple-Time-of-Flight Mass Spectrometry (RRLC-Q/TOF-MS)-Based Metabolic Profile and in Vivo/in Vitro Anti-Oxidative Activity. Journal of Agricultural and Food Chemistry, 2020, 68, 14684-14697.	2.4	19
45	Quality assessment of Fructus Ligustri Lucidi by the simultaneous determination of six compounds and chemometric analysis. Journal of Separation Science, 2015, 38, 1822-1827.	1.3	17
46	Simultaneous Determination of Quercitrin, Afzelin, Amentoflavone, Hinokiflavone in Rat Plasma by UFLCâ€“MS-MS and Its Application to the Pharmacokinetics of Platycladus orientalis Leaves Extract. Journal of Chromatographic Science, 2018, 56, 895-902.	0.7	17
47	Broad range metabolomics coupled with network analysis for explaining possible mechanisms of Er-Zhi-Wan in treating liver-kidney Yin deficiency syndrome of Traditional Chinese medicine. Journal of Ethnopharmacology, 2019, 234, 57-66.	2.0	17
48	Effects of carbonized process on quality control, chemical composition and pharmacology of Typhae Pollen: A review. Journal of Ethnopharmacology, 2021, 270, 113774.	2.0	17
49	Comparative metabolomics analysis for the compatibility and incompatibility of kansui and licorice with different ratios by UHPLC-QTOF/MS and multivariate data analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1057, 40-45.	1.2	16
50	Chemical Constituents from Euphorbia kansui. Molecules, 2017, 22, 2176.	1.7	14
51	Comprehensive characterization of the in vitro and in vivo metabolites of limonin in human samples using LC-Q-TOF/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 226-232.	1.2	13
52	Cellular Metabolomics Revealed the Cytoprotection of Amentoflavone, a Natural Compound, in Lipopolysaccharide-Induced Injury of Human Umbilical Vein Endothelial Cells. International Journal of Molecular Sciences, 2016, 17, 1514.	1.8	12
53	Evaluation of VEGF mediated pro-angiogenic and hemostatic effects and chemical marker investigation for Typhae Pollen and its processed product. Journal of Ethnopharmacology, 2021, 268, 113591.	2.0	12
54	Effects of Schizonepetin on Activity and mRNA Expression of Cytochrome P450 Enzymes in Rats. International Journal of Molecular Sciences, 2012, 13, 17006-17018.	1.8	11

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55	Comparative characteristic of the inflammatory diterpenes in the roots of Euphorbia fischeriana with different preparation method using HPLCâ€“ELSD. FÃ¬toterapÃ¬Ã¢, 2012, 83, 427-433.	1.1	11
56	Chemical Fingerprint and Quantitative Analysis for the Quality Evaluation of Platycladi cacumen by Ultra-performance Liquid Chromatography Coupled with Hierarchical Cluster Analysis. Journal of Chromatographic Science, 2018, 56, 41-48.	0.7	11
57	An ultrasensitive electrochemical cytosensor for highly specific detection of HL-60 cancer cells based on metal ion functionalized titanium phosphate nanospheres. Analyst, The, 2018, 143, 5170-5175.	1.7	11
58	An Ingenol Derived from Euphorbia kansui Induces Hepatocyte Cytotoxicity by Triggering G0/G1 Cell Cycle Arrest and Regulating the Mitochondrial Apoptosis Pathway in Vitro. Molecules, 2016, 21, 813.	1.7	10
59	Biotransformation and Metabolic Profile of Limonin in Rat Liver Microsomes, Bile, and Urine by High-Performance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2018, 66, 10388-10393.	2.4	10
60	Elucidating the interaction of kansui and licorice by comparative plasma/tissue metabolomics and a heatmap with relative fold change. Journal of Pharmaceutical Analysis, 2019, 9, 312-323.	2.4	10
61	Discovery of processing-associated Q-marker of carbonized traditional Chinese medicine: An integrated strategy of metabolomics, systems pharmacology and in vivo high-throughput screening model. Phytomedicine, 2022, 102, 154152.	2.3	10
62	Toxicity Reduction of Euphorbia kansui Stir-Fried with Vinegar Based on Conversion of 3-O-(2â€²E,4â€²Z-Decadi-enoyl)-20-O-acetylingenol. Molecules, 2019, 24, 3806.	1.7	9
63	Effect of the vinegar-process on chemical compositions and biological activities of Euphorbia kansui: A review. Journal of Ethnopharmacology, 2020, 252, 112557.	2.0	9
64	Pharmacokinetics and tissue distribution of schizonepetin in rats. FÃ¬toterapÃ¬Ã¢, 2011, 82, 1110-1117.	1.1	8
65	Acute and subacute toxicity and genotoxicity of schizonepetin, a naturally occurring monoterpene with antiviral activity. Food and Chemical Toxicology, 2012, 50, 2256-2262.	1.8	8
66	Development and validation of a UFLCâ€“MS/MS method for the determination of anhydrosafflor yellow B in rat plasma and its application to pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1003, 54-59.	1.2	8
67	Toxicity reduction and water expelling effect preservation of Shizaotang after its toxic members processing with vinegar on rats with malignant pleural effusions. Journal of Ethnopharmacology, 2021, 268, 113583.	2.0	8
68	The influence of essential oils from Xiang-Fu-Si-Wu Decoction on its non-volatile components and its application for pharmacokinetics in normal rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 221-230.	1.2	7
69	Multifunctional titanium phosphate nanoparticles for site-specific drug delivery and real-time therapeutic efficacy evaluation. Analyst, The, 2019, 144, 3103-3110.	1.7	7
70	Diterpene pekinenal from euphorbia pekinensis radix induced IEC-6 cells apoptosis mediated by mitochondria and death receptors. Toxicology in Vitro, 2019, 57, 1-8.	1.1	7
71	Kansuiphorin C and Kansuinin A ameliorate malignant ascites by modulating gut microbiota and related metabolic functions. Journal of Ethnopharmacology, 2020, 249, 112423.	2.0	7
72	COMPARATIVE CHARACTERIZATION OF TEN AROMATIC ACIDS IN SIWU SERIES DECOCTIONS AND THEIR CONSTITUTING HERBS BY HPLC-DAD METHOD. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 2425-2438.	0.5	6

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73	Integrated LC/MS and GC/MS Metabolomics Data for the Evaluation of Protection Function of Fructus Ligustri Lucidi on Mouse Liver. Chromatographia, 2013, 76, 1171-1179.	0.7	6
74	Simultaneous quantitation and comparison of eight components in Jiaoâ€ai decoction and Siâ€wu decoction by ultra high performance liquid chromatography with triple quadrupole tandem mass spectrometry. Journal of Separation Science, 2016, 39, 3311-3317.	1.3	6
75	A Novel Integrative Processing Technology for the Preparation of Rehmanniae Radix Slices. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	0.5	6
76	Determination of kansuiphorin C and kansuinin A in rat feces using UFLC-MS/MS and its application in the comparative excretion study on normal and malignant ascites rats. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 254-263.	1.4	6
77	Comparison of the short-chain fatty acids in normal rat faeces after the treatment of Euphorbia kansui, a traditional Chinese medicine for edoema. Pharmaceutical Biology, 2020, 58, 367-373.	1.3	6
78	The water expelling effect evaluation of 3-O-(2â€²E,4â€²Z-decadienoyl)-20-O-acetylingenol and ingenol on H22 mouse hepatoma ascites model and their content differences analysis in Euphorbia kansui before and after stir-fried with vinegar by UPLC. Journal of Ethnopharmacology, 2021, 267, 113507.	2.0	6
79	Correlation of antioxidant activity and volatile oil chemical components from Schizonepeta tenuifolia herbs by chemometric methods. International Journal of Food Properties, 2017, 20, S1082-S1092.	1.3	5
80	Revealing the mechanisms and the material basis of Rubia cordifolia L. on abnormal uterine bleeding with uniting simultaneous determination of four components and systematic pharmacology approach-experimental validation. Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113475.	1.4	5
81	The toxicity mechanism of toxic compounds from Euphorbiae pekinensis Radix on zebrafish embryos. Biomedicine and Pharmacotherapy, 2021, 138, 111521.	2.5	5
82	Acid-induced isomerization of ticagrelor: Systematic exploration on reaction condition and mechanism. Journal of Molecular Structure, 2018, 1170, 38-43.	1.8	4
83	Simultaneous determination of twelve quinones from Rubiae radix et Rhizoma before and after carbonization processing by UPLC-MS/MS and their antithrombotic effect on zebrafish. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113638.	1.4	4
84	Radix Kansui Stir-Fried with Vinegar Reduces Radix Kansui-Related Hepatotoxicity in Mice via Mitochondrial Pathway. Chinese Journal of Integrative Medicine, 2021, 27, 192-197.	0.7	4
85	Comparison of content-toxicity-activity of six ingenane-type diterpenoids between Euphorbia kansui before and after stir-fried with vinegar by using UFLC-MS/MS, zebrafish embryos and HT-29 cells. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113828.	1.4	4
86	Diverse role of gut microbiota on reduction of ascites and intestinal injury in malignant ascites effusion rats treated with Euphorbia kansui stir-fried with vinegar. Journal of Ethnopharmacology, 2021, 267, 113489.	2.0	4
87	A review of the botany, traditional uses, phytochemistry and pharmacology of Nepeta tenuifolia Briq.. Phytochemistry Reviews, 2020, 20, 991.	3.1	3
88	Multifunctional titanium phosphate carriers for enhancing drug delivery and evaluating real-time therapeutic efficacy of a hydrophobic drug component in Euphorbia kansui. Analyst, The, 2021, 146, 1620-1625.	1.7	3
89	Design, Synthesis and Antiviral Activity Studies of Schizonepetin Derivatives. International Journal of Molecular Sciences, 2013, 14, 17193-17203.	1.8	2
90	A Comprehensive Strategy Based on UPLC-Q/TOF-MS for the Identification of Compounds in a Chinese Patent Medicine, Xiaoâ€™er Chiqiao Qingre Granules. Journal of Chromatographic Science, 2022, 61, 38-55.	0.7	2

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91	Analytical and biomedical applications of nanomaterials in Chinese herbal medicines research. TrAC - Trends in Analytical Chemistry, 2022, 156, 116690.	5.8	2
92	Qualitative and Quantitative Studies on Impurities in Schizonepetin, a Novel Antiviral Agent, Using HPLC, NMR and MS. Chromatographia, 2013, 76, 491-498.	0.7	1
93	Chemical profile and miscarriage prevention evaluation of Jiao-Ai Decoction, a classical traditional Chinese formula. Journal of Pharmaceutical and Biomedical Analysis, 2022, 217, 114832.	1.4	1