

# Li Zhang

## List of Publications by Year in Descending Order

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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.

92  
papers

1,525  
citations

24  
h-index

34  
g-index

102  
ext. papers

1,873  
ext. citations

4.4  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
92	Salidroside protects against osteoporosis in ovariectomized rats by inhibiting oxidative stress and promoting osteogenesis via Nrf2 activation.. <i>Phytomedicine</i> , <b>2022</b> , 99, 154020	6.5	4
91	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. <i>Phytomedicine</i> , <b>2022</b> , 154152	6.5	0
90	Chemical profile and miscarriage prevention evaluation of Jiao-ai decoction, a classical traditional Chinese formula. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 114832	3.5	
89	A Comprehensive Review of Rosmarinic Acid: From Phytochemistry to Pharmacology and Its New Insight. <i>Molecules</i> , <b>2022</b> , 27, 3292	4.8	1
88	Analytical and biomedical applications of nanomaterials in Chinese herbal medicines research. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 116690	14.6	1
87	Effects of carbonized process on quality control, chemical composition and pharmacology of Typhae Pollen: A review. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 270, 113774	5	3
86	The toxicity mechanism of toxic compounds from <i>Euphorbiae pekinensis</i> Radix on zebrafish embryos. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 138, 111521	7.5	1
85	Radix Kansui Stir-Fried with Vinegar Reduces Radix Kansui-Related Hepatotoxicity in Mice via Mitochondrial Pathway. <i>Chinese Journal of Integrative Medicine</i> , <b>2021</b> , 27, 192-197	2.9	2
84	Comparison of content-toxicity-activity of six ingenane-type diterpenoids between <i>Euphorbia kansui</i> before and after stir-fried with vinegar by using UFLC-MS/MS, zebrafish embryos and HT-29 cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 195, 113828	3.5	2
83	Toxicity reduction and water expelling effect preservation of Shizaotang after its toxic members processing with vinegar on rats with malignant pleural effusions. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 268, 113583	5	4
82	Evaluation of VEGF mediated pro-angiogenic and hemostatic effects and chemical marker investigation for Typhae Pollen and its processed product. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 268, 113591	5	7
81	The water expelling effect evaluation of 3-O-(2E,4Z-decadienoyl)-20-O-acetylingenol and ingenol on H22 mouse hepatoma ascites model and their content differences analysis in <i>Euphorbia kansui</i> before and after stir-fried with vinegar by UPLC. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 267, 113507	5	2
80	Diverse role of gut microbiota on reduction of ascites and intestinal injury in malignant ascites effusion rats treated with <i>Euphorbia kansui</i> stir-fried with vinegar. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 267, 113489	5	0
79	Multifunctional titanium phosphate carriers for enhancing drug delivery and evaluating real-time therapeutic efficacy of a hydrophobic drug component in <i>Euphorbia kansui</i> . <i>Analyst</i> , <b>2021</b> , 146, 1620-1625 <sup>1</sup>	5	
78	Comprehensive Comparison of Two Color Varieties of <i>Perillae Folium</i> Using Rapid Resolution Liquid Chromatography Coupled with Quadruple-Time-of-Flight Mass Spectrometry (RRLC-Q/TOF-MS)-Based Metabolic Profile and / Anti-Oxidative Activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 11684-11697	5.7	5
77	Comparison of the short-chain fatty acids in normal rat faeces after the treatment of , a traditional Chinese medicine for edoema. <i>Pharmaceutical Biology</i> , <b>2020</b> , 58, 367-373	3.8	1
76	Effect of the vinegar-process on chemical compositions and biological activities of <i>Euphorbia kansui</i> : A review. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 252, 112557	5	3

75	Kansuiphorin C and Kansuinin A ameliorate malignant ascites by modulating gut microbiota and related metabolic functions. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 249, 112423	5	2
74	Revealing the mechanisms and the material basis of <i>Rubia cordifolia</i> L. on abnormal uterine bleeding with uniting simultaneous determination of four components and systematic pharmacology approach-experimental validation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 189, 113475	3.5	1
73	A review of the botany, traditional uses, phytochemistry and pharmacology of <i>Nepeta tenuifolia</i> Briq.. <i>Phytochemistry Reviews</i> , <b>2020</b> , 20, 991	7.7	1
72	Simultaneous determination of twelve quinones from <i>Rubiae radix et Rhizoma</i> before and after carbonization processing by UPLC-MS/MS and their antithrombotic effect on zebrafish. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 191, 113638	3.5	2
71	Toxicity Reduction of Stir-Fried with Vinegar Based on Conversion of 3--(2T4FDecadi-enoyl)-20--acetylingenol. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
70	Gut microbiota modulation with traditional Chinese medicine: A system biology-driven approach. <i>Pharmacological Research</i> , <b>2019</b> , 148, 104453	10.2	28
69	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. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 234, 57-66	5	8
68	Elucidating the interaction of kansui and licorice by comparative plasma/tissue metabolomics and a heatmap with relative fold change. <i>Journal of Pharmaceutical Analysis</i> , <b>2019</b> , 9, 312-323	14	6
67	Multifunctional titanium phosphate nanoparticles for site-specific drug delivery and real-time therapeutic efficacy evaluation. <i>Analyst, The</i> , <b>2019</b> , 144, 3103-3110	5	6
66	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 170, 254-263	3.5	4
65	Diterpene pekinenal from <i>euphorbia pekinensis</i> radix induced IEC-6 cells apoptosis mediated by mitochondria and death receptors. <i>Toxicology in Vitro</i> , <b>2019</b> , 57, 1-8	3.6	3
64	Simultaneous quantification of twelve compounds in ethyl acetate extracts of <i>Euphorbia kansui</i> before and after fry-baked with vinegar by UPLC-MS/MS and its toxic effect on zebrafish. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 155, 169-176	3.5	19
63	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. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 219, 257-268	5	19
62	Chemical Fingerprint and Quantitative Analysis for the Quality Evaluation of <i>Platycladi cacumen</i> by Ultra-performance Liquid Chromatography Coupled with Hierarchical Cluster Analysis. <i>Journal of Chromatographic Science</i> , <b>2018</b> , 56, 41-48	1.4	6
61	<i>Euphorbia kansui</i> fry-baked with vinegar modulates gut microbiota and reduces intestinal toxicity in rats. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 226, 26-35	5	22
60	Promoting Osseointegration of Ti Implants through Micro/Nanoscaled Hierarchical Ti Phosphate/Ti Oxide Hybrid Coating. <i>ACS Nano</i> , <b>2018</b> , 12, 7883-7891	16.7	63
59	Chemical Property Changes and Thermal Analysis during the Carbonizing Process of the Pollen Grains of. <i>Molecules</i> , <b>2018</b> , 24,	4.8	14
58	Anti-thrombotic and pro-angiogenic effects of <i>Rubia cordifolia</i> extract in zebrafish. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 219, 152-160	5	32

57	Simultaneous Determination of Quercitrin, Afzelin, Amentoflavone, Hinokiflavone in Rat Plasma by UFLC-MS-MS and Its Application to the Pharmacokinetics of Platycladus orientalis Leaves Extract. <i>Journal of Chromatographic Science</i> , <b>2018</b> , 56, 895-902	1.4	9
56	A Novel Integrative Processing Technology for the Preparation of Rehmanniae Radix Slices. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 4524797	2.3	3
55	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. <i>Molecules</i> , <b>2018</b> , 23,	4.8	12
54	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. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 10388-10393	5.7	9
53	An ultrasensitive electrochemical cytosensor for highly specific detection of HL-60 cancer cells based on metal ion functionalized titanium phosphate nanospheres. <i>Analyst, The</i> , <b>2018</b> , 143, 5170-5175	5	10
52	Acid-induced isomerization of ticagrelor: Systematic exploration on reaction condition and mechanism. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1170, 38-43	3.4	4
51	Comparative metabolomics analysis for the compatibility and incompatibility of kansui and licorice with different ratios by UHPLC-QTOF/MS and multivariate data analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1057, 40-45	3.2	14
50	Correlation of antioxidant activity and volatile oil chemical components from Schizonepeta tenuifolia herbs by chemometric methods. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S1082-S1092	3	3
49	The influence of essential oils from Xiang-Fu-Si-Wu Decoction on its non-volatile components and its application for pharmacokinetics in normal rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1060, 221-230	3.2	5
48	Antioxidant capacity of Typha angustifolia extracts and two active flavonoids. <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 1283-1288	3.8	17
47	Comprehensive characterization of the in vitro and in vivo metabolites of limonin in human samples using LC-Q-TOF/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1068-1069, 226-232	3.2	10
46	A Review on the Phytochemistry, Pharmacology, and Pharmacokinetics of Amentoflavone, a Naturally-Occurring Biflavonoid. <i>Molecules</i> , <b>2017</b> , 22,	4.8	78
45	Application of UHPLC-ESI-Q-TOF-MS to Identify Multiple Constituents in Processed Products of the Herbal Medicine Ligustri Lucidi Fructus. <i>Molecules</i> , <b>2017</b> , 22,	4.8	36
44	A Review on the Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of Geniposide, a Natural Product. <i>Molecules</i> , <b>2017</b> , 22,	4.8	51
43	Chemical Constituents from Euphorbia kansui. <i>Molecules</i> , <b>2017</b> , 22,	4.8	10
42	Simultaneous quantitation and comparison of eight components in Jiao-ai decoction and Si-wu decoction by ultra high performance liquid chromatography with triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 3311-7	3.4	6
41	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. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 194, 580-586	5	21
40	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1012-1013, 124-9	3.2	18

39	An Ingenol Derived from Euphorbia kansui Induces Hepatocyte Cytotoxicity by Triggering G0/G1 Cell Cycle Arrest and Regulating the Mitochondrial Apoptosis Pathway in Vitro. <i>Molecules</i> , <b>2016</b> , 21,	4.8	8
38	Cellular Metabolomics Revealed the Cytoprotection of Amentoflavone, a Natural Compound, in Lipopolysaccharide-Induced Injury of Human Umbilical Vein Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	7
37	A Review of the Botany, Phytochemistry, Pharmacology and Toxicology of Rubiae Radix et Rhizoma. <i>Molecules</i> , <b>2016</b> , 21,	4.8	15
36	Toxicity of Pekinenin C from Euphorbia Pekinensis Radix on Rat Small Intestinal Crypt Epithelial Cell and Its Apoptotic Mechanism. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	12
35	The Chemical and Biological Properties of Euphorbia kansui. <i>The American Journal of Chinese Medicine</i> , <b>2016</b> , 44, 253-73	6	29
34	The dosage-toxicity-efficacy relationship of kansui and licorice in malignant pleural effusion rats based on factor analysis. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 186, 251-256	5	20
33	Development and validation of a UFLC-MS/MS method for the determination of anhydrosafflor yellow B in rat plasma and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 1003, 54-9	3.2	6
32	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. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 161, 214-23	5	42
31	Quality assessment of Fructus Ligustri Lucidi by the simultaneous determination of six compounds and chemometric analysis. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1822-7	3.4	17
30	A Natural Triterpene Derivative from Euphorbia kansui Inhibits Cell Proliferation and Induces Apoptosis against Rat Intestinal Epithelioid Cell Line in Vitro. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 18956-75	6.3	23
29	Urine and plasma metabolomics coupled with UHPLC-QTOF/MS and multivariate data analysis on potential biomarkers in anemia and hematinic effects of herb pair Gui-Hong. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 170, 175-83	5	35
28	3-O-(2E,4Z-decadienoyl)-20-O-acetylingenol induces apoptosis in intestinal epithelial cells of rats via mitochondrial pathway. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 174, 331-8	5	19
27	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 107, 456-63	3.5	22
26	Anti-inflammatory effects of Huangqin tang extract in mice on ulcerative colitis. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 162, 207-14	5	41
25	Hydrophilic interaction ultra-performance liquid chromatography coupled with triple-quadrupole tandem mass spectrometry (HILIC-UPLC-TQ-MS/MS) in multiple-reaction monitoring (MRM) for the determination of nucleobases and nucleosides in ginkgo seeds. <i>Food Chemistry</i> , <b>2014</b> , 150, 260-6	8.5	29
24	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. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 483-96	3.9	25
23	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. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 7367-78	4.4	34
22	Comparative analysis of main aromatic acids and phthalides in Angelicae Sinensis Radix, Chuanxiong Rhizoma, and Fo-Shou-San by a validated UHPLC-TQ-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 99, 45-50	3.5	30

21	An optimized ultrasound-assisted extraction and simultaneous quantification of 26 characteristic components with four structure types in functional foods from ginkgo seeds. <i>Food Chemistry</i> , <b>2014</b> , 158, 177-85	8.5	26
20	Mollugin induces tumor cell apoptosis and autophagy via the PI3K/AKT/mTOR/p70S6K and ERK signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 247-54	3.4	53
19	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. <i>Molecules</i> , <b>2014</b> , 19, 7237-54	4.8	26
18	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. <i>Journal of Chromatography A</i> , <b>2014</b> , 1346, 49-56	4.5	61
17	Integrated LC/MS and GC/MS Metabolomics Data for the Evaluation of Protection Function of Fructus Ligustri Lucidi on Mouse Liver. <i>Chromatographia</i> , <b>2013</b> , 76, 1171-1179	2.1	6
16	Qualitative and Quantitative Studies on Impurities in Schizonepetin, a Novel Antiviral Agent, Using HPLC, NMR and MS. <i>Chromatographia</i> , <b>2013</b> , 76, 491-498	2.1	1
15	Analysis of herb-herb interaction when decocting together by using ultra-high-performance liquid chromatography-tandem mass spectrometry and fuzzy chemical identification strategy with poly-proportion design. <i>Journal of Chromatography A</i> , <b>2013</b> , 1297, 168-78	4.5	39
14	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. <i>Amino Acids</i> , <b>2013</b> , 44, 1293-305	3.5	47
13	Design, synthesis and antiviral activity studies of schizonepetin derivatives. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 17193-203	6.3	2
12	Acute and subacute toxicity and genotoxicity of schizonepetin, a naturally occurring monoterpene with antiviral activity. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2256-62	4.7	7
11	Synthesis and protective effect of scutellarein on focal cerebral ischemia/reperfusion in rats. <i>Molecules</i> , <b>2012</b> , 17, 10667-74	4.8	37
10	Comparative characteristic of the inflammatory diterpenes in the roots of <i>Euphorbia fischeriana</i> with different preparation method using HPLC-ELSD. <i>Phytotherapy Research</i> , <b>2012</b> , 83, 427-33	3.2	8
9	Bio-guided isolation of the cytotoxic terpenoids from the roots of <i>Euphorbia kansui</i> against human normal cell lines L-O2 and GES-1. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 11247-59	6.3	41
8	Effects of schizonepetin on activity and mRNA expression of cytochrome p450 enzymes in rats. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 17006-18	6.3	9
7	COMPARATIVE CHARACTERIZATION OF TEN AROMATIC ACIDS IN SIWU SERIES DECOCTIONS AND THEIR CONSTITUTING HERBS BY HPLC-DAD METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2012</b> , 35, 2425-2438	1.3	6
6	Pharmacokinetics and tissue distribution of schizonepetin in rats. <i>Phytotherapy Research</i> , <b>2011</b> , 82, 1110-7	3.2	8
5	Quantitative comparative analysis of the bio-active and toxic constituents of leaves and spikes of <i>Schizonepeta tenuifolia</i> at different harvesting times. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 6635-44	6.3	21
4	Synthesis and bio-activity evaluation of scutellarein as a potent agent for the therapy of ischemic cerebrovascular disease. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 8208-16	6.3	33

3	Bioassay-guided separation of the proinflammatory constituents from the roots of <i>Euphorbia kansui</i> . <i>Journal of Natural Medicines</i> , <b>2010</b> , 64, 98-103	3.3	18
2	<sup>13</sup> C-NMR data of three important diterpenes isolated from <i>Euphorbia</i> species. <i>Molecules</i> , <b>2009</b> , 14, 4454-4475	4.75	32
1	LCD-ESI-MS/MS Separation and Chemical Characterization of the Inflammatory Fraction of the Roots of <i>Euphorbia kansui</i> . <i>Chromatographia</i> , <b>2009</b> , 70, 805-810	2.1	17