

# Ding-Kun Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,197  
citations

393982

19  
h-index

454577

30  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural medicines for the treatment of fatigue: Bioactive components, pharmacology, and mechanisms. <i>Pharmacological Research</i> , 2019, 148, 104409.	3.1	128
2	New progress in the pharmacology of protocatechuic acid: A compound ingested in daily foods and herbs frequently and heavily. <i>Pharmacological Research</i> , 2020, 161, 105109.	3.1	112
3	Natural volatile oils derived from herbal medicines: A promising therapy way for treating depressive disorder. <i>Pharmacological Research</i> , 2021, 164, 105376.	3.1	84
4	Seeing the Unseen of the Combination of Two Natural Resins, Frankincense and Myrrh: Changes in Chemical Constituents and Pharmacological Activities. <i>Molecules</i> , 2019, 24, 3076.	1.7	53
5	Pharmacological and clinical application of heparin progress: An essential drug for modern medicine. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111561.	2.5	40
6	Review of aromatherapy essential oils and their mechanism of action against migraines. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113326.	2.0	39
7	Borneol in cardio-cerebrovascular diseases: Pharmacological actions, mechanisms, and therapeutics. <i>Pharmacological Research</i> , 2021, 169, 105627.	3.1	38
8	From longevity grass to contemporary soft gold: Explore the chemical constituents, pharmacology, and toxicology of <i>Artemisia argyi</i> H.LA. & vaniot essential oil. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114404.	2.0	35
9	Research Progress on Main Symptoms of Novel Coronavirus Pneumonia Improved by Traditional Chinese Medicine. <i>Frontiers in Pharmacology</i> , 2020, 11, 556885.	1.6	30
10	Energy metabolism disorders and potential therapeutic drugs in heart failure. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1098-1116.	5.7	30
11	A novel quantified bitterness evaluation model for traditional Chinese herbs based on an animal ethology principle. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 209-217.	5.7	27
12	Development of a ZnCdS@ZnS quantum dots-based label-free electrochemiluminescence immunosensor for sensitive determination of aflatoxin B1 in lotus seed. <i>Mikrochimica Acta</i> , 2020, 187, 236.	2.5	27
13	Toxic Constituents Index: A Toxicity-Calibrated Quantitative Evaluation Approach for the Precise Toxicity Prediction of the Hypertoxic Phytomedicine Aconite. <i>Frontiers in Pharmacology</i> , 2016, 7, 164.	1.6	26
14	Potential effect of tropical fruits <i>Phyllanthus emblica</i> L. for the prevention and management of type 2 diabetic complications: a systematic review of recent advances. <i>European Journal of Nutrition</i> , 2021, 60, 3525-3542.	1.8	25
15	Microwave technology: a novel approach to the transformation of natural metabolites. <i>Chinese Medicine</i> , 2021, 16, 87.	1.6	25
16	Screening and evaluation of commonly-used anti-influenza Chinese herbal medicines based on anti-neuraminidase activity. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 794-800.	0.7	22
17	Recent advances of novel technologies for quality consistency assessment of natural herbal medicines and preparations. <i>Chinese Medicine</i> , 2020, 15, 56.	1.6	22
18	Mechanism of drug-induced liver injury and hepatoprotective effects of natural drugs. <i>Chinese Medicine</i> , 2021, 16, 135.	1.6	21

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19	Advances in molecular mechanisms of drugs affecting abnormal glycosylation and metastasis of breast cancer. <i>Pharmacological Research</i> , 2020, 155, 104738.	3.1	20
20	Advances in the Application of Natural Products and the Novel Drug Delivery Systems for Psoriasis. <i>Frontiers in Pharmacology</i> , 2021, 12, 644952.	1.6	20
21	Study on the stability control strategy of Triphala solution based on the balance of physical stability and chemical stabilities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 247-256.	1.4	19
22	Screening S protein ACE2 blockers from natural products: Strategies and advances in the discovery of potential inhibitors of COVID-19. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113857.	2.6	19
23	Preparation and evaluation of andrographolide solid dispersion vectored by silicon dioxide. <i>Pharmacognosy Magazine</i> , 2016, 12, 245.	0.3	18
24	The molecular mechanism of chronic stress affecting the occurrence and development of breast cancer and potential drug therapy. <i>Translational Oncology</i> , 2022, 15, 101281.	1.7	18
25	Quality analysis combined with mass spectrometry imaging reveal the difference between wild and cultivated <i>Phyllanthus emblica</i> Linn.: From chemical composition to molecular mechanism. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103790.	2.3	15
26	Stems and leaves of <i>Aconitum carmichaelii</i> Debx. as potential herbal resources for treating rheumatoid arthritis: Chemical analysis, toxicity and activity evaluation. <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 644-652.	0.7	14
27	Traditional Uses, Pharmacological Effects, and Molecular Mechanisms of Licorice in Potential Therapy of COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 719758.	1.6	14
28	Quality Assessment of <i>Panax notoginseng</i> from Different Regions through the Analysis of Marker Chemicals, Biological Potency and Ecological Factors. <i>PLoS ONE</i> , 2016, 11, e0164384.	1.1	13
29	Screening for the anti-inflammation quality markers of Xiaojin Pills based on HPLC-MS/MS method, COX-2 inhibition test and protein interaction network. <i>Scientific Reports</i> , 2018, 8, 7454.	1.6	13
30	Investigation of the chemical markers for experiential quality evaluation of crude aconite by UHPLC-QTOF-MS. <i>Journal of Separation Science</i> , 2016, 39, 4281-4289.	1.3	12
31	Cardiac function evaluation for a novel one-step detoxification product of <i>Aconiti Lateralis Radix Praeparata</i> . <i>Chinese Medicine</i> , 2018, 13, 62.	1.6	12
32	Exploration on the Approaches of Diverse Sedimentations in Polyphenol Solutions: An Integrated Chain of Evidence Based on the Physical Phase, Chemical Profile, and Sediment Elements. <i>Frontiers in Pharmacology</i> , 2019, 10, 1060.	1.6	12
33	Progress in research into the role of abnormal glycosylation modification in tumor immunity. <i>Immunology Letters</i> , 2021, 229, 8-17.	1.1	12
34	Fever and Antipyretic Supported by Traditional Chinese Medicine: A Multi-Pathway Regulation. <i>Frontiers in Pharmacology</i> , 2021, 12, 583279.	1.6	12
35	A Novel Forming Method of Traditional Chinese Medicine Dispersible Tablets to Achieve Rapid Disintegration Based on the Powder Modification Principle. <i>Scientific Reports</i> , 2018, 8, 10319.	1.6	11
36	Hepatoprotective Effects of Different Extracts From Triphala Against CCl4-Induced Acute Liver Injury in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 664607.	1.6	11

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37	An anti-influenza virus activity-calibrated chemical standardization approach for quality evaluation of <i>indigo naturalis</i> . <i>Analytical Methods</i> , 2019, 11, 4719-4726.	1.3	10
38	A novel quantitative prediction approach for astringency level of herbs based on an electronic tongue. <i>Pharmacognosy Magazine</i> , 2017, 13, 492.	0.3	10
39	Type 2 Diabetes Complicated With Heart Failure: Research on Therapeutic Mechanism and Potential Drug Development Based on Insulin Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 816588.	1.6	10
40	Mechanisms exploration of Xiaojin Pills on lung cancer based on metabolomics and network pharmacology. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1071-1079.	1.2	9
41	Dual role of the nasal microbiota in neurological diseases—An unignorable risk factor or a potential therapy carrier. <i>Pharmacological Research</i> , 2022, 179, 106189.	3.1	9
42	A novel method to mask the bitter taste of berberine hydrochloride: Powder surface modification. <i>Pharmacognosy Magazine</i> , 2018, 14, 253.	0.3	8
43	A novel strategy for bitter taste masking of gankeshuangqing dispersible tablets based on particle coating technology. <i>Pharmacognosy Magazine</i> , 2017, 13, 400.	0.3	8
44	Establishment of one-step approach to detoxification of hypertoxic aconite based on the evaluation of alkaloids contents and quality. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 49-61.	0.7	7
45	A Potential Anti-Tumor Herb Bred in a Tropical Fruit: Insight into the Chemical Components and Pharmacological Effects of <i>Momordicae Semen</i> . <i>Molecules</i> , 2019, 24, 3949.	1.7	7
46	Amphiphilic Block Copolymers: A Novel Substance for Bitter-Masking in Aqueous Solutions. <i>Molecular Pharmaceutics</i> , 2020, 17, 1586-1595.	2.3	7
47	The Scientific Basis and Advantage of Human Experiential Assessment in the quality control of Chinese Herbal Medicines exempling as <i>Schisandrae Chinensis Fructus</i> . <i>Scientific Reports</i> , 2018, 8, 5695.	1.6	6
48	Identification of quality markers of Xiaojin Pills using a combination of high-performance liquid chromatograph tandem mass spectrometry and multivariate analysis. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 1663.	0.2	5
49	Comparative study on the pharmacodynamic difference of oral administration of Xiaojin Pills accompanied with Chinese Baijiu and water. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114284.	2.0	5
50	Rapid Screening and Quantitative Analysis of 74 Pesticide Residues in Herb by Retention Index Combined with GC-QQQ-MS/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-11.	0.7	4
51	Screening for Anti-Inflammation Quality Markers of Lianhua Qingwen Capsule Based on Network Pharmacology, UPLC, and Biological Activity. <i>Frontiers in Pharmacology</i> , 2021, 12, 648439.	1.6	4
52	Strategies for Taste Masking of Orodispersible Dosage Forms: Time, Concentration, and Perception. <i>Molecular Pharmaceutics</i> , 2022, 19, 3007-3025.	2.3	4
53	Microcalorimetric investigation of six alkaloids from <i>Radix Aconite Lateralis Preparata (Fuzi)</i> on the metabolic activity of mitochondria isolated from rat liver. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1707-1715.	2.0	3
54	Comparative and mechanistic study of pharmacodynamic difference in anti-breast cancer activity between water and liquor extracts of Xiaojin Pills. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115104.	2.0	3

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55	Thermal activities of 6-gingerol, 8-gingerol and 6-shogaol on the potentiation of mitochondria thermogenesis based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1787-1795.	2.0	1
56	A practical method for rapid screening and quantitative analysis of 130 pesticide residues in herbal medicines based on the Kovats retention index principle: an exemplary study using <i>Panaxis quinquefolii</i> radix. <i>Analytical Methods</i> , 2019, 11, 4868-4874.	1.3	1
57	Transcriptional profiling of genes in tongue epithelial tissue from immature and adult rats by the RNA-seq technique. <i>Journal of Cellular Physiology</i> , 2020, 235, 3069-3078.	2.0	1
58	Study on the Chemical Constituents and Anti-Migraine Activity of Supercritical CO <sub>2</sub> Extracts of <i>Zanthoxylum schinifolium</i> . <i>Frontiers in Pharmacology</i> , 2021, 12, 744035.	1.6	1