

# Bikui Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,067  
citations

471509

17  
h-index

454955

30  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence-based Guideline for Therapeutic Drug Monitoring of Vancomycin: 2020 Update by the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. <i>Clinical Infectious Diseases</i> , 2020, 71, S363-S371.	5.8	109
2	Network Pharmacology Prediction and Molecular Docking-Based Strategy to Discover the Potential Pharmacological Mechanism of Huai Hua San Against Ulcerative Colitis. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 3255-3276.	4.3	92
3	Molecular Mechanisms of Cardiomyocyte Death in Drug-Induced Cardiotoxicity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 434.	3.7	89
4	The CD40/CD40L system: A new therapeutic target for disease. <i>Immunology Letters</i> , 2013, 153, 58-61.	2.5	80
5	Evidence for involvement of the CD40/CD40L system in post-stroke epilepsy. <i>Neuroscience Letters</i> , 2014, 567, 6-10.	2.1	50
6	Xanthohumol, a prenylated flavonoid from Hops, exerts anticancer effects against gastric cancer <i>in vitro</i> . <i>Oncology Reports</i> , 2018, 40, 3213-3222.	2.6	44
7	Involvement of ROS/NLRP3 Inflammasome Signaling Pathway in Doxorubicin-Induced Cardiotoxicity. <i>Cardiovascular Toxicology</i> , 2020, 20, 507-519.	2.7	41
8	miRNA-145 inhibits VSMC proliferation by targeting CD40. <i>Scientific Reports</i> , 2016, 6, 35302.	3.3	40
9	miR-145 mediated the role of aspirin in resisting VSMCs proliferation and anti-inflammation through CD40. <i>Journal of Translational Medicine</i> , 2016, 14, 211.	4.4	38
10	Mechanisms of Triptolide-Induced Hepatotoxicity and Protective Effect of Combined Use of Isoliquiritigenin: Possible Roles of Nrf2 and Hepatic Transporters. <i>Frontiers in Pharmacology</i> , 2018, 9, 226.	3.5	36
11	Nrf2-dependent antioxidant response mediated the protective effect of tanshinone IIA on doxorubicin-induced cardiotoxicity. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 3333-3344.	1.8	34
12	Association of CD40 C/T polymorphism with cerebral infarction susceptibility and its effect on sCD40L in Chinese population. <i>International Immunopharmacology</i> , 2013, 16, 461-465.	3.8	29
13	Gut microbiota: An intermediary between metabolic syndrome and cognitive deficits in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110097.	4.8	28
14	Population Pharmacokinetics and Dosage Optimization of Linezolid in Patients with Liver Dysfunction. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	26
15	CGRP derived from cardiac fibroblasts is an endogenous suppressor of cardiac fibrosis. <i>Cardiovascular Research</i> , 2020, 116, 1335-1348.	3.8	25
16	Antioxidant Effect of Polygonatum sibiricum Polysaccharides in D-Galactose-Induced Heart Aging Mice. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	21
17	Glycyrrhetic Acid Accelerates the Clearance of Triptolide through <i>In Vitro</i> . <i>Phytotherapy Research</i> , 2017, 31, 1090-1096.	5.8	20
18	Dihydromyricetin Attenuates TNF- $\alpha$ -Induced Endothelial Dysfunction through miR-21-Mediated DDAH1/ADMA/NO Signal Pathway. <i>BioMed Research International</i> , 2018, 2018, 1-12.	1.9	18

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19	NLRP3 Inflammasome: A Promising Therapeutic Target for Drug-Induced Toxicity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634607.	3.7	18
20	Repurposing of Anti-Diabetic Agents as a New Opportunity to Alleviate Cognitive Impairment in Neurodegenerative and Neuropsychiatric Disorders. <i>Frontiers in Pharmacology</i> , 2021, 12, 667874.	3.5	17
21	Glycyrrhetic Acid Protects $\pm$ -Naphthylisothiocyanate- Induced Cholestasis Through Regulating Transporters, Inflammation and Apoptosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 701240.	3.5	16
22	Disulfiram inhibits oxidative stress and NLRP3 inflammasome activation to prevent LPS-induced cardiac injury. <i>International Immunopharmacology</i> , 2022, 105, 108545.	3.8	16
23	Identification and analysis of components in Shen-Fu-Shu granule extract and in rat plasma after oral administration by UPLC-ESI/Q-TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 159-169.	2.8	15
24	Population pharmacokinetics and exposure-response analysis of tigecycline in patients with hospital-acquired pneumonia. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2838-2846.	2.4	15
25	Involvement of Abnormal Gut Microbiota Composition and Function in Doxorubicin-Induced Cardiotoxicity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 808837.	3.9	15
26	Role of MicroRNA-155 in Triptolide-induced hepatotoxicity via the Nrf2-Dependent pathway. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114489.	4.1	13
27	Quantitative monitoring of a panel of stress-induced biomarkers in human plasma by liquid chromatography-tandem mass spectrometry: an application in a comparative study between depressive patients and healthy subjects. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5765-5777.	3.7	11
28	Tanshinone $\alpha_1$ inhibits homocysteine-induced proliferation of vascular smooth muscle cells via miR-145/CD40 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 157-163.	2.1	10
29	Xanthohumol Inhibits TGF- $\beta$ 1-Induced Cardiac Fibroblasts Activation via Mediating PTEN/Akt/mTOR Signaling Pathway. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5431-5439.	4.3	10
30	A Potential Mechanism Underlying the Therapeutic Effects of Progesterone and Allopregnanolone on Ketamine-Induced Cognitive Deficits. <i>Frontiers in Pharmacology</i> , 2021, 12, 612083.	3.5	10
31	Predictors of Voriconazole Trough Concentrations in Patients with Child-Pugh Class C Cirrhosis: A Prospective Study. <i>Antibiotics</i> , 2021, 10, 1130.	3.7	10
32	Medication therapy of high-dose methotrexate: An evidence-based practice guideline of the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 2456-2472.	2.4	9
33	Prognostic value of liver and kidney function parameters and their correlation with the ratio of urine-to-plasma paraquat in patients with paraquat poisoning. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 822-830.	2.5	8
34	Recent Progress in Environmental Toxins-Induced Cardiotoxicity and Protective Potential of Natural Products. <i>Frontiers in Pharmacology</i> , 2021, 12, 699193.	3.5	8
35	Dihydropyridin affect the pharmacokinetics of triptolide in rats. <i>Xenobiotica</i> , 2020, 50, 332-338.	1.1	7
36	Disulfiram attenuates lipopolysaccharide-induced acute kidney injury by suppressing oxidative stress and NLRP3 inflammasome activation in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 259-267.	2.4	6

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37	Glycyrrhiza uralensis Fisch. and its active components mitigate Semen Strychni-induced neurotoxicity through regulating high mobility group box 1 (HMGB1) translocation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112884.	5.6	6
38	A Large Sample Retrospective Study on the Distinction of Voriconazole Concentration in Asian Patients from Different Clinical Departments. <i>Pharmaceuticals</i> , 2021, 14, 1239.	3.8	5
39	Clozapine Induced Disturbances in Hepatic Glucose Metabolism: The Potential Role of PGRMC1 Signaling. <i>Frontiers in Endocrinology</i> , 2021, 12, 727371.	3.5	5
40	A sensitive LC-MS/MS method for analysis of pericyazine in presence of 7-hydroxypericyazine and pericyazine sulphoxide in human plasma and its application to a comparative bioequivalence study in Chinese healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 135, 67-74.	2.8	4
41	Bioequivalence of two quetiapine extended release tablets in Chinese healthy volunteers under fasting and fed conditions and effects of food on pharmacokinetic profiles. <i>Drug Design, Development and Therapy</i> , 2018, Volume 13, 255-264.	4.3	4
42	Noncoding RNA-Associated Competing Endogenous RNA Networks in Doxorubicin-Induced Cardiotoxicity. <i>DNA and Cell Biology</i> , 2022, 41, 657-670.	1.9	3
43	Genotyping as a Key Element of Sample Size Optimization in Bioequivalence of Risperidone Tablets. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 431-439.	1.6	2
44	Isoliquiritigenin Alleviates Semen Strychni-Induced Neurotoxicity by Restoring the Metabolic Pathway of Neurotransmitters in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 762290.	3.5	1
45	An Insight on the Pathways Involved in Crizotinib and Sunitinib Induced Hepatotoxicity in HepG2 Cells and Animal Model. <i>Frontiers in Oncology</i> , 2022, 12, 749954.	2.8	1
46	Higher Incidence of Neurotoxicity and Skin Hyperpigmentation in Renal Transplant Patients Treated With Polymyxin B. <i>British Journal of Clinical Pharmacology</i> , 2022, , .	2.4	1
47	C/MIC > 4: A Potential Instrument to Predict the Efficacy of Meropenem. <i>Antibiotics</i> , 2022, 11, 670.	3.7	1