Bikui Zhang

List of Publications by Year
in descending order

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	Medication therapy of highâ€dose methotrexate: An evidenceâ€based practice guideline of the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. British Journal of Clinical Pharmacology, 2022, 88, 2456-2472.	2.4	9
2	Disulfiram attenuates lipopolysaccharide-induced acute kidney injury by suppressing oxidative stress and NLRP3 inflammasome activation in mice. Journal of Pharmacy and Pharmacology, 2022, 74, 259-267.	2.4	6
3	An Insight on the Pathways Involved in Crizotinib and Sunitinib Induced Hepatotoxicity in HepG2 Cells and Animal Model. Frontiers in Oncology, 2022, 12, 749954.	2.8	1
4	Disulfiram inhibits oxidative stress and NLRP3 inflammasome activation to prevent LPS-induced cardiac injury. International Immunopharmacology, 2022, 105, 108545.	3.8	16
5	Involvement of Abnormal Gut Microbiota Composition and Function in Doxorubicin-Induced Cardiotoxicity. Frontiers in Cellular and Infection Microbiology, 2022, 12, 808837.	3.9	15
6	Glycyrrhiza uralensis Fisch. and its active components mitigate Semen Strychni-induced neurotoxicity through regulating high mobility group box 1 (HMGB1) translocation. Biomedicine and Pharmacotherapy, 2022, 149, 112884.	5.6	6
7	Higher Incidence of Neurotoxicity and Skin Hyperpigmentation in Renal Transplant Patients Treated With Polymyxin B. British Journal of Clinical Pharmacology, 2022, , .	2.4	1
8	C/MIC > 4: A Potential Instrument to Predict the Efficacy of Meropenem. Antibiotics, 2022, 11, 670.	3.7	1
9	Noncoding RNA-Associated Competing Endogenous RNA Networks in Doxorubicin-Induced Cardiotoxicity. DNA and Cell Biology, 2022, 41, 657-670.	1.9	3
10	Gut microbiota: An intermediary between metabolic syndrome and cognitive deficits in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 106, 110097.	4.8	28
11	Population pharmacokinetics and exposureâ€response analysis of tigecycline in patients with hospitalâ€acquired pneumonia. British Journal of Clinical Pharmacology, 2021, 87, 2838-2846.	2.4	15
12	Prognostic value of liver and kidney function parameters and their correlation with the ratio of urineâ€toâ€plasma paraquat in patients with paraquat poisoning. Basic and Clinical Pharmacology and Toxicology, 2021, 128, 822-830.	2.5	8
13	Antioxidant Effect of Polygonatum sibiricum Polysaccharides in D-Galactose-Induced Heart Aging Mice. BioMed Research International, 2021, 2021, 1-8.	1.9	21
14	A Potential Mechanism Underlying the Therapeutic Effects of Progesterone and Allopregnanolone on Ketamine-Induced Cognitive Deficits. Frontiers in Pharmacology, 2021, 12, 612083.	3.5	10
15	NLRP3 Inflammasome: A Promising Therapeutic Target for Drug-Induced Toxicity. Frontiers in Cell and Developmental Biology, 2021, 9, 634607.	3.7	18
16	Repurposing of Anti-Diabetic Agents as a New Opportunity to Alleviate Cognitive Impairment in Neurodegenerative and Neuropsychiatric Disorders. Frontiers in Pharmacology, 2021, 12, 667874.	3.5	17
17	Recent Progress in Environmental Toxins-Induced Cardiotoxicity and Protective Potential of Natural Products. Frontiers in Pharmacology, 2021, 12, 699193.	3.5	8
18	Network Pharmacology Prediction and Molecular Docking-Based Strategy to Discover the Potential Pharmacological Mechanism of Huai Hua San Against Ulcerative Colitis. Drug Design, Development and Therapy, 2021, Volume 15, 3255-3276.	4.3	92

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19	Predictors of Voriconazole Trough Concentrations in Patients with Childâ€“Pugh Class C Cirrhosis: A Prospective Study. Antibiotics, 2021, 10, 1130.	3.7	10
20	Role of MicroRNA-155 in Triptolide-induced hepatotoxicity via the Nrf2-Dependent pathway. Journal of Ethnopharmacology, 2021, 281, 114489.	4.1	13
21	Glycyrrhetinic Acid Protects Î±-Naphthylisothiocyanate- Induced Cholestasis Through Regulating Transporters, Inflammation and Apoptosis. Frontiers in Pharmacology, 2021, 12, 701240.	3.5	16
22	Isoliquiritigenin Alleviates Semen Strychni-Induced Neurotoxicity by Restoring the Metabolic Pathway of Neurotransmitters in Rats. Frontiers in Pharmacology, 2021, 12, 762290.	3.5	1
23	A Large Sample Retrospective Study on the Distinction of Voriconazole Concentration in Asian Patients from Different Clinical Departments. Pharmaceuticals, 2021, 14, 1239.	3.8	5
24	Clozapine Induced Disturbances in Hepatic Glucose Metabolism: The Potential Role of PGRMC1 Signaling. Frontiers in Endocrinology, 2021, 12, 727371.	3.5	5
25	Dihydromyricetin affect the pharmacokinetics of triptolide in rats. Xenobiotica, 2020, 50, 332-338.	1.1	7
26	CGRP derived from cardiac fibroblasts is an endogenous suppressor of cardiac fibrosis. Cardiovascular Research, 2020, 116, 1335-1348.	3.8	25
27	Tanshinone â…¡A inhibits homocysteine-induced proliferation of vascular smooth muscle cells via miR-145/CD40 signaling. Biochemical and Biophysical Research Communications, 2020, 522, 157-163.	2.1	10
28	Xanthohumol Inhibits TGF-Î²1-Induced Cardiac Fibroblasts Activation via Mediating PTEN/Akt/mTOR Signaling Pathway . Drug Design, Development and Therapy, 2020, Volume 14, 5431-5439.	4.3	10
29	Molecular Mechanisms of Cardiomyocyte Death in Drug-Induced Cardiotoxicity. Frontiers in Cell and Developmental Biology, 2020, 8, 434.	3.7	89
30	Involvement of ROS/NLRP3 Inflammasome Signaling Pathway in Doxorubicin-Induced Cardiotoxicity. Cardiovascular Toxicology, 2020, 20, 507-519.	2.7	41
31	Population Pharmacokinetics and Dosage Optimization of Linezolid in Patients with Liver Dysfunction. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	26
32	Evidence-based Guideline for Therapeutic Drug Monitoring of Vancomycin: 2020 Update by the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. Clinical Infectious Diseases, 2020, 71, S363-S371.	5.8	109
33	Quantitative monitoring of a panel of stress-induced biomarkers in human plasma by liquid chromatographyâ€“tandem mass spectrometry: an application in a comparative study between depressive patients and healthy subjects. Analytical and Bioanalytical Chemistry, 2019, 411, 5765-5777.	3.7	11
34	Identification and analysis of components in Shen-Fu-Shu granule extract and in rat plasma after oral administration by UPLC-ESI/Q-TOF-MS. Journal of Pharmaceutical and Biomedical Analysis, 2019, 169, 159-169.	2.8	15
35	Genotyping as a Key Element of Sample Size Optimization in Bioequivalence of Risperidone Tablets. European Journal of Drug Metabolism and Pharmacokinetics, 2018, 43, 431-439.	1.6	2
36	Bioequivalence of two quetiapine extended release tablets in Chinese healthy volunteers under fasting and fed conditions and effects of food on pharmacokinetic profiles. Drug Design, Development and Therapy, 2018, Volume 13, 255-264.	4.3	4

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37	Xanthohumol, a prenylated flavonoid from Hops, exerts anticancer effects against gastric cancer inï¿½vitro. Oncology Reports, 2018, 40, 3213-3222.	2.6	44
38	Nrf2â€˜dependent antioxidant response mediated the protective effect of tanshinone IIA on doxorubicinâ€˜induced cardiotoxicity. Experimental and Therapeutic Medicine, 2018, 16, 3333-3344.	1.8	34
39	Dihydromyricetin Attenuates TNF-Î±-Induced Endothelial Dysfunction through miR-21-Mediated DDAH1/ADMA/NO Signal Pathway. BioMed Research International, 2018, 2018, 1-12.	1.9	18
40	Mechanisms of Triptolide-Induced Hepatotoxicity and Protective Effect of Combined Use of Isoliquiritigenin: Possible Roles of Nrf2 and Hepatic Transporters. Frontiers in Pharmacology, 2018, 9, 226.	3.5	36
41	Glycyrrhetinic Acid Accelerates the Clearance of Triptolide through Pâ€gp In Vitro. Phytotherapy Research, 2017, 31, 1090-1096.	5.8	20
42	A sensitive LCâ€“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. Journal of Pharmaceutical and Biomedical Analysis, 2017, 135, 67-74.	2.8	4
43	miR-145 mediated the role of aspirin in resisting VSMCs proliferation and anti-inflammation through CD40. Journal of Translational Medicine, 2016, 14, 211.	4.4	38
44	miRNA-145 inhibits VSMC proliferation by targeting CD40. Scientific Reports, 2016, 6, 35302.	3.3	40
45	Evidence for involvement of the CD40/CD40L system in post-stroke epilepsy. Neuroscience Letters, 2014, 567, 6-10.	2.1	50
46	The CD40/CD40L system: A new therapeutic target for disease. Immunology Letters, 2013, 153, 58-61.	2.5	80
47	Association of CD40 â^'1C/T polymorphism with cerebral infarction susceptibility and its effect on sCD40L in Chinese population. International Immunopharmacology, 2013, 16, 461-465.	3.8	29