Zheng Xiang

List of Publications by Year
in descending order

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79	5,234	236925	88630
papers	citations	25 h-index	70 g-index

82	82	82	5754
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toxicokinetics, in vivo metabolic profiling, and in vitro metabolism of gelsenicine in rats. Archives of Toxicology, 2022, 96, 525-533.	4.2	4
2	The chemical and metabolite profiles of Gualou-Xiebai-Banxia decoction, a classical traditional Chinese medicine formula, by using high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry and in-house software. Journal of Ethnopharmacology, 2022, 288, 114994.	4.1	10
3	An integrated network pharmacology and cell metabolomics approach to reveal the role of rhein, a novel PPARÎ± agonist, against renal fibrosis by activating the PPARÎ±â€“CPT1A axis. Phytomedicine, 2022, 102, 154147.	5.3	9
4	An integrated chemical analysis and network pharmacology approach to identify quality markers of Actinidia eriantha Benth radix on gastric cancer. Phytochemical Analysis, 2022, 33, 851-868.	2.4	3
5	Individualized Dosage of Tacrolimus for Renal Transplantation Patients Based on Pharmacometabonomics. Molecules, 2022, 27, 3517.	3.8	2
6	A network pharmacology-based study on the mechanism of astragaloside IV alleviating renal fibrosis through the AKT1/GSK-3Î² pathway. Journal of Ethnopharmacology, 2022, 297, 115535.	4.1	14
7	A novel symmetrical cyclooctenone from Radix Glycyrrhizae. Natural Product Research, 2021, 35, 88-91.	1.8	2
8	An UPLC-MS/MS method for quantification of D-pinitol in rat plasma and its application to a pharmacokinetic and bioavailability study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122498.	2.3	5
9	Effect of Different Dosage Frequency of Polymyxin B on Rat Nephrotoxicity. Drug Design, Development and Therapy, 2021, Volume 15, 611-616.	4.3	4
10	Chemical constituents of radix <scp>Actinidia chinensis</scp> planch by UPLCâ€“QTOFâ€“MS. Biomedical Chromatography, 2021, 35, e5103.	1.7	17
11	GC-MS/MS method for determination and pharmacokinetics of sclareol in rat plasma after intravenous administration. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1173, 122703.	2.3	2
12	Pharmacokinetic and metabolic profiling studies of sennoside B by UPLC-MS/MS and UPLC-Q-TOF-MS. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112938.	2.8	7
13	Pharmacokinetics and Pharmacodynamics of the Combination of Rhein and Curcumin in the Treatment of Chronic Kidney Disease in Rats. Frontiers in Pharmacology, 2020, 11, 573118.	3.5	13
14	Quantitative and network pharmacology: A case study of rhein alleviating pathological progress of renal interstitial fibrosis. Journal of Ethnopharmacology, 2020, 261, 113106.	4.1	4
15	Development of an UPLCâ€“MS/MS assay to determine psoralidin in rat plasma and its application in a pharmacokinetic study after intragastric administration. Acta Chromatographica, 2020, 32, 215-218.	1.3	4
16	Pharmacokinetic study of rosavin in rat plasma with ultra performance LCâ€“MS/MS after intravenous and gavage administration. Bioanalysis, 2019, 11, 837-845.	1.5	5
17	Metabolic Profiling of Alpinetin in Rat Plasma, Urine, Bile and Feces after Intragastric Administration. Molecules, 2019, 24, 3458.	3.8	8
18	Pharmacokinetics and enterohepatic circulation of jervine, an antitumor steroidal alkaloid from Veratrum nigrum in rats. Journal of Pharmaceutical Analysis, 2019, 9, 367-372.	5.3	18

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19	A Rapid UPLC-MS Method for Quantification of Gomisin D in Rat Plasma and Its Application to a Pharmacokinetic and Bioavailability Study. Molecules, 2019, 24, 1403.	3.8	5
20	Determination of kaurenoic acid in rat plasma using UPLC-MS/MS and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 27-31.	2.8	6
21	An integrated strategy for identifying new targets and inferring the mechanism of action: taking rhein as an example. BMC Bioinformatics, 2018, 19, 315.	2.6	9
22	Highly sensitive and specific real-time PCR by employing serial invasive reaction as a sequence identifier for quantifying EGFR mutation abundance in cfDNA. Analytical and Bioanalytical Chemistry, 2018, 410, 6751-6759.	3.7	18
23	A Rapid and Simple UPLC Method for the Quantitative Determination of Compound X22 in Rat Plasma and its Application to a Pharmacokinetic Study. Current Pharmaceutical Analysis, 2018, 14, .	0.6	0
24	HPLC - MS / MS Determination of Fraxetin in Rat Plasma and its Application to a Pharmacokinetic Study. Current Pharmaceutical Analysis, 2018, 14, 349-354.	0.6	2
25	A review of drug-induced liver injury databases. Archives of Toxicology, 2017, 91, 3039-3049.	4.2	38
26	Two new phenolic acids from the fruits of Forsythia suspense. Journal of Asian Natural Products Research, 2017, 19, 254-259.	1.4	7
27	An UPLC Method for Determination of Geraniin in Rat Plasma and its Application to Pharmacokinetic Studies. Current Pharmaceutical Analysis, 2017, 13, 398-402.	0.6	4
28	A Comprehensive and System Review for the Pharmacological Mechanism of Action of Rhein, an Active Anthraquinone Ingredient. Frontiers in Pharmacology, 2016, 7, 247.	3.5	105
29	A Simple and Rapid UPLC Method for the Determination of Rosavin in Rat Plasma and Its Application to a Pharmacokinetic Study. Journal of Chromatographic Science, 2016, 54, 1166-1170.	1.4	3
30	Pharmacokinetics and pharmacodynamics study of rhein treating renal fibrosis based on metabonomics approach. Phytomedicine, 2016, 23, 1661-1670.	5.3	14
31	Development and validation of an UPLC-PDA method for the determination of corilagin in rat plasma and its application to pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1031, 76-79.	2.3	9
32	A Robust Single Primate Neuroepithelial Cell Clonal Expansion System for Neural Tube Development and Disease Studies. Stem Cell Reports, 2016, 6, 228-242.	4.8	22
33	The study on serum and urine of renal interstitial fibrosis rats induced by unilateral ureteral obstruction based on metabonomics and network analysis methods. Analytical and Bioanalytical Chemistry, 2016, 408, 2607-2619.	3.7	17
34	A Rapid, Selective and Sensitive UPLC-MS/MS Method for Quantification of Nomilin in Rat Plasma and Its Application in a Pharmacokinetic Study. Planta Medica, 2016, 82, 224-229.	1.3	9
35	Development and validation of an UPLC-MS/MS method for determination of jujuboside B in rat plasma and its application in pharmacokinetic and bioavailability studies. Analytical Methods, 2015, 7, 4049-4054.	2.7	9
36	An UPLC-MS/MS method for determination of solasonine in rat plasma and its application of a pharmacokinetic and bioavailability study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 985, 1-5.	2.3	11

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37	The study on the material basis and the mechanism for anti-renal interstitial fibrosis efficacy of rhubarb through integration of metabonomics and network pharmacology. Molecular BioSystems, 2015, 11, 1067-1078.	2.9	56
38	Development of a liquid chromatography with mass spectrometry method for the determination of gelsemine in rat plasma and tissue: Application to a pharmacokinetic and tissue distribution study. Journal of Separation Science, 2015, 38, 936-942.	2.5	18
39	Generation of Cynomolgus Monkey Chimeric Fetuses using Embryonic Stem Cells. Cell Stem Cell, 2015, 17, 116-124.	11.1	109
40	Transcriptomic analysis revealed the mechanism of oil dynamic accumulation during developing Siberian apricot (Prunus sibirica L.) seed kernels for the development of woody biodiesel. Biotechnology for Biofuels, 2015, 8, 29.	6.2	28
41	What can big data and text analytics tell us about hotel guest experience and satisfaction?. International Journal of Hospitality Management, 2015, 44, 120-130.	8.8	641
42	A Network Pharmacology Approach to Understanding the Mechanisms of Action of Traditional Medicine: Bushenhuoxue Formula for Treatment of Chronic Kidney Disease. PLoS ONE, 2014, 9, e89123.	2.5	73
43	Proximityâ€Enabled Protein Crosslinking through Genetically Encoding Haloalkane Unnatural Amino Acids. Angewandte Chemie - International Edition, 2014, 53, 2190-2193.	13.8	94
44	Diterpenes from a Chinese Collection of the Brown Alga Dictyota plectens. Journal of Natural Products, 2014, 77, 2685-2693.	3.0	19
45	Targeted Activation of Human Vγ9Vδ2-T Cells Controls Epstein-Barr Virus-Induced B Cell Lymphoproliferative Disease. Cancer Cell, 2014, 26, 565-576.	16.8	115
46	Application of a liquid chromatographyâ€“tandem mass spectrometry method to the pharmacokinetics, bioavailability and tissue distribution of neohesperidin dihydrochalcone in rats. Xenobiotica, 2014, 44, 555-561.	1.1	7
47	Determination of bicuculline in rat plasma by liquid chromatography mass spectrometry and its application in a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 953-954, 143-146.	2.3	12
48	A simple, rapid and reliable UFLC-MS/MS method for the determination of dendrobine in rat plasma and its application to a pharmacokinetic study. Analytical Methods, 2014, 6, 1197-1202.	2.7	2
49	Computational Prediction of Drugï£¿Target Interactions Using Chemical, Biological, and Network Features. Molecular Informatics, 2014, 33, 669-681.	2.5	65
50	Determination of CUDC-101 in rat plasma by liquid chromatography mass spectrometry and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2014, 90, 134-138.	2.8	48
51	A rapid UFLCâ€“MS/MS method for simultaneous determination of formononetin, cryptotanshinone, tanshinone IIA and emodin in rat plasma and its application to a pharmacokinetic study of Bu Shen Huo Xue formula. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 932, 92-99.	2.3	17
52	Adding an unnatural covalent bond to proteins through proximity-enhanced bioreactivity. Nature Methods, 2013, 10, 885-888.	19.0	129
53	Two new dammarane-type saponins from leaves ofPanax quinquefolium. Natural Product Research, 2013, 27, 1271-1276.	1.8	11
54	InÂVivo Expression of a Light-Activatable Potassium Channel Using Unnatural Amino Acids. Neuron, 2013, 80, 358-370.	8.1	105

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55	Genetically Encoded Chemical Probes in Cells Reveal the Binding Path of Urocortin-I to CRF Class B GPCR. Cell, 2013, 155, 1258-1269.	28.9	159
56	Human VÎ³9VÎ´2-T cells efficiently kill influenza virus-infected lung alveolar epithelial cells. Cellular and Molecular Immunology, 2013, 10, 159-164.	10.5	63
57	The Anaphylactoid Constituents in Xue-Sai-Tong Injection. Planta Medica, 2013, 79, 1043-1050.	1.3	20
58	Two new oleanane-type saponins from the husks of Xanthoceras sorbifolia Bunge. Natural Product Research, 2013, 27, 208-214.	1.8	9
59	Four New 7,8-Epoxycembranoids from a Chinese Soft Coral <i>Lobophytum</i> sp.. Chemical and Pharmaceutical Bulletin, 2013, 61, 1323-1328.	1.3	9
60	New Casbane Diterpenoids from a South China Sea Soft Coral, Sinularia sp.. Marine Drugs, 2013, 11, 455-465.	4.6	29
61	Cytotoxic and Antibacterial Cembranoids from a South China Sea Soft Coral, Lobophytum sp.. Marine Drugs, 2013, 11, 1162-1172.	4.6	27
62	ICOS Regulates the Generation and Function of Human CD4+ Treg in a CTLA-4 Dependent Manner. PLoS ONE, 2013, 8, e82203.	2.5	50
63	GC-MS and HPLC Metabolic Profiling Studies ofCurcuma wenyujinRhizomes Obtained at Different Harvest Times. Analytical Letters, 2012, 45, 1-14.	1.8	13
64	Phenotypic and Functional Characterization of Human Î³Î´ T-Cell Subsets in Response to Influenza A Viruses. Journal of Infectious Diseases, 2012, 205, 1646-1653.	4.0	64
65	Determination of curdione in rabbit plasma by liquid chromatography mass spectrometry. Biomedical Chromatography, 2012, 26, 655-659.	1.7	7
66	Enantiospecific Synthesis of Genetically Encodable Fluorescent Unnatural Amino Acid <scp>l</scp>-3-(6-Acetylnaphthalen-2-ylamino)-2-aminopropanoic Acid. Journal of Organic Chemistry, 2011, 76, 6367-6371.	3.2	18
67	RF1 knockout allows ribosomal incorporation of unnatural amino acids at multiple sites. Nature Chemical Biology, 2011, 7, 779-786.	8.0	286
68	Metabolomics Study on Quality Control and Discrimination of Three Curcuma Species based on Gas Chromatographâ€“Mass Spectrometry. Phytochemical Analysis, 2011, 22, 411-418.	2.4	80
69	Genetically Encoding Unnatural Amino Acids in Neural Stem Cells and Optically Reporting Voltage-Sensitive Domain Changes in Differentiated Neurons. Stem Cells, 2011, 29, 1231-1240.	3.2	65
70	Generation of human Th1â€like regulatory CD4⁺ T cells by an intrinsic IFNâ€Î³â€•and Tâ€betâ€dependent pathway. European Journal of Immunology, 2011, 41, 128-139.	2.9	36
71	Determination of pethidine in human plasma by LCâ€“MS/MS. Biomedical Chromatography, 2011, 25, 833-837.	1.7	8
72	Type 1 Responses of Human VÎ³9VÎ´2 T Cells to Influenza A Viruses. Journal of Virology, 2011, 85, 10109-10116.	3.4	73

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73	Role of social media in online travel information search. Tourism Management, 2010, 31, 179-188.	9.8	2,078
74	Esterification of an Unnatural Amino Acid Structurally Deviating from Canonical Amino Acids Promotes Its Uptake and Incorporation into Proteins in Mammalian Cells. ChemBioChem, 2010, 11, 2268-2272.	2.6	24
75	Anti-diabetes constituents in leaves of Smallanthus sonchifolius. Natural Product Communications, 2010, 5, 95-8.	0.5	12
76	LCâ€“MSâ€“MS Determination of Nikethamide in Human Plasma. Chromatographia, 2009, 69, 1067-1071.	1.3	2
77	Semantic Representation of Tourism on the Internet. Journal of Travel Research, 2009, 47, 440-453.	9.0	67
78	Improving orthogonal tRNA-synthetase recognition for efficient unnatural amino acid incorporation and application in mammalian cells. Molecular BioSystems, 2009, 5, 931.	2.9	65
79	Themei3 region of theSchizosaccharomyces pombe genome. Yeast, 2002, 19, 521-527.	1.7	1