

Zheng Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

5,234
citations

236925

25
h-index

88630

70
g-index

82
all docs

82
docs citations

82
times ranked

5754
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of social media in online travel information search. <i>Tourism Management</i> , 2010, 31, 179-188.	9.8	2,078
2	What can big data and text analytics tell us about hotel guest experience and satisfaction?. <i>International Journal of Hospitality Management</i> , 2015, 44, 120-130.	8.8	641
3	RF1 knockout allows ribosomal incorporation of unnatural amino acids at multiple sites. <i>Nature Chemical Biology</i> , 2011, 7, 779-786.	8.0	286
4	Genetically Encoded Chemical Probes in Cells Reveal the Binding Path of Urocortin-I to CRF Class B GPCR. <i>Cell</i> , 2013, 155, 1258-1269.	28.9	159
5	Adding an unnatural covalent bond to proteins through proximity-enhanced bioreactivity. <i>Nature Methods</i> , 2013, 10, 885-888.	19.0	129
6	Targeted Activation of Human $\text{V}\alpha 2$ -T Cells Controls Epstein-Barr Virus-Induced B Cell Lymphoproliferative Disease. <i>Cancer Cell</i> , 2014, 26, 565-576.	16.8	115
7	Generation of Cynomolgus Monkey Chimeric Fetuses using Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2015, 17, 116-124.	11.1	109
8	In Vivo Expression of a Light-Activatable Potassium Channel Using Unnatural Amino Acids. <i>Neuron</i> , 2013, 80, 358-370.	8.1	105
9	A Comprehensive and System Review for the Pharmacological Mechanism of Action of Rhein, an Active Anthraquinone Ingredient. <i>Frontiers in Pharmacology</i> , 2016, 7, 247.	3.5	105
10	Proximity-Enabled Protein Crosslinking through Genetically Encoding Haloalkane Unnatural Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2190-2193.	13.8	94
11	Metabolomics Study on Quality Control and Discrimination of Three <i>Curcuma</i> Species based on Gas Chromatography-Mass Spectrometry. <i>Phytochemical Analysis</i> , 2011, 22, 411-418.	2.4	80
12	Type 1 Responses of Human $\text{V}\alpha 2$ T Cells to Influenza A Viruses. <i>Journal of Virology</i> , 2011, 85, 10109-10116.	3.4	73
13	A Network Pharmacology Approach to Understanding the Mechanisms of Action of Traditional Medicine: Bushenhuoxue Formula for Treatment of Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e89123.	2.5	73
14	Semantic Representation of Tourism on the Internet. <i>Journal of Travel Research</i> , 2009, 47, 440-453.	9.0	67
15	Improving orthogonal tRNA-synthetase recognition for efficient unnatural amino acid incorporation and application in mammalian cells. <i>Molecular BioSystems</i> , 2009, 5, 931.	2.9	65
16	Genetically Encoding Unnatural Amino Acids in Neural Stem Cells and Optically Reporting Voltage-Sensitive Domain Changes in Differentiated Neurons. <i>Stem Cells</i> , 2011, 29, 1231-1240.	3.2	65
17	Computational Prediction of Drug-Target Interactions Using Chemical, Biological, and Network Features. <i>Molecular Informatics</i> , 2014, 33, 669-681.	2.5	65
18	Phenotypic and Functional Characterization of Human $\text{V}\alpha 2$ T-Cell Subsets in Response to Influenza A Viruses. <i>Journal of Infectious Diseases</i> , 2012, 205, 1646-1653.	4.0	64

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19	Human V β 9V α 2-T cells efficiently kill influenza virus-infected lung alveolar epithelial cells. <i>Cellular and Molecular Immunology</i> , 2013, 10, 159-164.	10.5	63
20	The study on the material basis and the mechanism for anti-renal interstitial fibrosis efficacy of rhubarb through integration of metabonomics and network pharmacology. <i>Molecular BioSystems</i> , 2015, 11, 1067-1078.	2.9	56
21	ICOS Regulates the Generation and Function of Human CD4 ⁺ Treg in a CTLA-4 Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e82203.	2.5	50
22	Determination of CUDC-101 in rat plasma by liquid chromatography mass spectrometry and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 90, 134-138.	2.8	48
23	A review of drug-induced liver injury databases. <i>Archives of Toxicology</i> , 2017, 91, 3039-3049.	4.2	38
24	Generation of human Th1 α -like regulatory CD4 ⁺ T cells by an intrinsic IFN α β - and T α β -dependent pathway. <i>European Journal of Immunology</i> , 2011, 41, 128-139.	2.9	36
25	New Casbane Diterpenoids from a South China Sea Soft Coral, <i>Sinularia</i> sp.. <i>Marine Drugs</i> , 2013, 11, 455-465.	4.6	29
26	Transcriptomic analysis revealed the mechanism of oil dynamic accumulation during developing Siberian apricot (<i>Prunus sibirica</i> L.) seed kernels for the development of woody biodiesel. <i>Biotechnology for Biofuels</i> , 2015, 8, 29.	6.2	28
27	Cytotoxic and Antibacterial Cembranoids from a South China Sea Soft Coral, <i>Lobophytum</i> sp.. <i>Marine Drugs</i> , 2013, 11, 1162-1172.	4.6	27
28	Esterification of an Unnatural Amino Acid Structurally Deviating from Canonical Amino Acids Promotes Its Uptake and Incorporation into Proteins in Mammalian Cells. <i>ChemBioChem</i> , 2010, 11, 2268-2272.	2.6	24
29	A Robust Single Primate Neuroepithelial Cell Clonal Expansion System for Neural Tube Development and Disease Studies. <i>Stem Cell Reports</i> , 2016, 6, 228-242.	4.8	22
30	The Anaphylactoid Constituents in Xue-Sai-Tong Injection. <i>Planta Medica</i> , 2013, 79, 1043-1050.	1.3	20
31	Diterpenes from a Chinese Collection of the Brown Alga <i>Dictyota plectens</i> . <i>Journal of Natural Products</i> , 2014, 77, 2685-2693.	3.0	19
32	Enantiospecific Synthesis of Genetically Encodable Fluorescent Unnatural Amino Acid α -3-(6-Acetylnaphthalen-2-ylamino)-2-aminopropanoic Acid. <i>Journal of Organic Chemistry</i> , 2011, 76, 6367-6371.	3.2	18
33	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. <i>Journal of Separation Science</i> , 2015, 38, 936-942.	2.5	18
34	Highly sensitive and specific real-time PCR by employing serial invasive reaction as a sequence identifier for quantifying EGFR mutation abundance in cfDNA. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6751-6759.	3.7	18
35	Pharmacokinetics and enterohepatic circulation of jervine, an antitumor steroidal alkaloid from <i>Veratrum nigrum</i> in rats. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 367-372.	5.3	18
36	A rapid UFLC-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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 92-99.	2.3	17

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37	The study on serum and urine of renal interstitial fibrosis rats induced by unilateral ureteral obstruction based on metabonomics and network analysis methods. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2607-2619.	3.7	17
38	Chemical constituents of radix <i>Actinidia chinensis</i> plant by UPLC-QTOF-MS. <i>Biomedical Chromatography</i> , 2021, 35, e5103.	1.7	17
39	Pharmacokinetics and pharmacodynamics study of rhein treating renal fibrosis based on metabonomics approach. <i>Phytomedicine</i> , 2016, 23, 1661-1670.	5.3	14
40	A network pharmacology-based study on the mechanism of astragaloside IV alleviating renal fibrosis through the AKT1/GSK-3 β pathway. <i>Journal of Ethnopharmacology</i> , 2022, 297, 115535.	4.1	14
41	GC-MS and HPLC Metabolic Profiling Studies of <i>Curcuma wenyujin</i> Rhizomes Obtained at Different Harvest Times. <i>Analytical Letters</i> , 2012, 45, 1-14.	1.8	13
42	Pharmacokinetics and Pharmacodynamics of the Combination of Rhein and Curcumin in the Treatment of Chronic Kidney Disease in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 573118.	3.5	13
43	Determination of bicuculline in rat plasma by liquid chromatography mass spectrometry and its application in a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 953-954, 143-146.	2.3	12
44	Anti-diabetes constituents in leaves of <i>Smallanthus sonchifolius</i> . <i>Natural Product Communications</i> , 2010, 5, 95-8.	0.5	12
45	Two new dammarane-type saponins from leaves of <i>Panax quinquefolium</i> . <i>Natural Product Research</i> , 2013, 27, 1271-1276.	1.8	11
46	An UPLC-MS/MS method for determination of solasonine in rat plasma and its application of a pharmacokinetic and bioavailability study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 1-5.	2.3	11
47	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. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114994.	4.1	10
48	Two new oleanane-type saponins from the husks of <i>Xanthoceras sorbifolia</i> Bunge. <i>Natural Product Research</i> , 2013, 27, 208-214.	1.8	9
49	Four New 7,8-Epoxycebranoids from a Chinese Soft Coral <i>Lobophytum</i> sp.. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 1323-1328.	1.3	9
50	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. <i>Analytical Methods</i> , 2015, 7, 4049-4054.	2.7	9
51	Development and validation of an UPLC-PDA method for the determination of corilagin in rat plasma and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 76-79.	2.3	9
52	A Rapid, Selective and Sensitive UPLC-MS/MS Method for Quantification of Nomilin in Rat Plasma and Its Application in a Pharmacokinetic Study. <i>Planta Medica</i> , 2016, 82, 224-229.	1.3	9
53	An integrated strategy for identifying new targets and inferring the mechanism of action: taking rhein as an example. <i>BMC Bioinformatics</i> , 2018, 19, 315.	2.6	9
54	An integrated network pharmacology and cell metabolomics approach to reveal the role of rhein, a novel PPAR α agonist, against renal fibrosis by activating the PPAR α -CPT1A axis. <i>Phytomedicine</i> , 2022, 102, 154147.	5.3	9

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55	Determination of pethidine in human plasma by LC-MS/MS. <i>Biomedical Chromatography</i> , 2011, 25, 833-837.	1.7	8
56	Metabolic Profiling of Alpinetin in Rat Plasma, Urine, Bile and Feces after Intragastric Administration. <i>Molecules</i> , 2019, 24, 3458.	3.8	8
57	Determination of curdione in rabbit plasma by liquid chromatography mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 655-659.	1.7	7
58	Application of a liquid chromatography-tandem mass spectrometry method to the pharmacokinetics, bioavailability and tissue distribution of neohesperidin dihydrochalcone in rats. <i>Xenobiotica</i> , 2014, 44, 555-561.	1.1	7
59	Two new phenolic acids from the fruits of <i>Forsythia suspense</i> . <i>Journal of Asian Natural Products Research</i> , 2017, 19, 254-259.	1.4	7
60	Pharmacokinetic and metabolic profiling studies of sennoside B by UPLC-MS/MS and UPLC-Q-TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112938.	2.8	7
61	Determination of kaurenoic acid in rat plasma using UPLC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 27-31.	2.8	6
62	Pharmacokinetic study of rosavin in rat plasma with ultra performance LC-MS/MS after intravenous and gavage administration. <i>Bioanalysis</i> , 2019, 11, 837-845.	1.5	5
63	A Rapid UPLC-MS Method for Quantification of Gomisin D in Rat Plasma and Its Application to a Pharmacokinetic and Bioavailability Study. <i>Molecules</i> , 2019, 24, 1403.	3.8	5
64	An UPLC-MS/MS method for quantification of D-pinitol in rat plasma and its application to a pharmacokinetic and bioavailability study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1163, 122498.	2.3	5
65	An UPLC Method for Determination of Geraniin in Rat Plasma and its Application to Pharmacokinetic Studies. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 398-402.	0.6	4
66	Quantitative and network pharmacology: A case study of rhein alleviating pathological progress of renal interstitial fibrosis. <i>Journal of Ethnopharmacology</i> , 2020, 261, 113106.	4.1	4
67	Development of an UPLC-MS/MS assay to determine psoralidin in rat plasma and its application in a pharmacokinetic study after intragastric administration. <i>Acta Chromatographica</i> , 2020, 32, 215-218.	1.3	4
68	Effect of Different Dosage Frequency of Polymyxin B on Rat Nephrotoxicity. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 611-616.	4.3	4
69	Toxicokinetics, in vivo metabolic profiling, and in vitro metabolism of gelsenicine in rats. <i>Archives of Toxicology</i> , 2022, 96, 525-533.	4.2	4
70	A Simple and Rapid UPLC Method for the Determination of Rosavin in Rat Plasma and Its Application to a Pharmacokinetic Study. <i>Journal of Chromatographic Science</i> , 2016, 54, 1166-1170.	1.4	3
71	An integrated chemical analysis and network pharmacology approach to identify quality markers of <i>Actinidia eriantha</i> Benth radix on gastric cancer. <i>Phytochemical Analysis</i> , 2022, 33, 851-868.	2.4	3
72	LC-MS-MS Determination of Nikethamide in Human Plasma. <i>Chromatographia</i> , 2009, 69, 1067-1071.	1.3	2

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73	A simple, rapid and reliable UFLC-MS/MS method for the determination of dendrobine in rat plasma and its application to a pharmacokinetic study. <i>Analytical Methods</i> , 2014, 6, 1197-1202.	2.7	2
74	A novel symmetrical cyclooctenone from <i>Radix Glycyrrhizae</i> . <i>Natural Product Research</i> , 2021, 35, 88-91.	1.8	2
75	GC-MS/MS method for determination and pharmacokinetics of sclareol in rat plasma after intravenous administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122703.	2.3	2
76	HPLC - MS / MS Determination of Fraxetin in Rat Plasma and its Application to a Pharmacokinetic Study. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 349-354.	0.6	2
77	Individualized Dosage of Tacrolimus for Renal Transplantation Patients Based on Pharmacometabonomics. <i>Molecules</i> , 2022, 27, 3517.	3.8	2
78	Themei3 region of the <i>Schizosaccharomyces pombe</i> genome. <i>Yeast</i> , 2002, 19, 521-527.	1.7	1
79	A Rapid and Simple UPLC Method for the Quantitative Determination of Compound X22 in Rat Plasma and its Application to a Pharmacokinetic Study. <i>Current Pharmaceutical Analysis</i> , 2018, 14, .	0.6	0