

Xiaowei Shi

List of Publications by Year in descending order

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81
papers

1,499
citations

293460

24
h-index

445137

33
g-index

81
all docs

81
docs citations

81
times ranked

2023
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation, synthesis, identification of new process-related impurities in evocalcet. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 214, 114715.	1.4	0
2	A UHPLC-QTOF-MS/MS method with a superimposed multiple product ion strategy and esterase inhibitor improved sensitivity for the determination of xylocarpin H in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 216, 114803.	1.4	1
3	$\hat{\text{I}}^{\text{2}}$ -Amino Acrylates: Chemodivergent Syntheses of Indole Alkaloidal Frameworks. <i>Organic Letters</i> , 2022, 24, 5381-5385.	2.4	3
4	Determination of PEGylation homogeneity of polyethylene glycolâ€modified canine uricase. <i>Electrophoresis</i> , 2021, 42, 693-699.	1.3	2
5	Paternal reprogramming-escape histone H3K4me3 marks located within promoters of RNA splicing genes. <i>Bioinformatics</i> , 2021, 37, 1039-1044.	1.8	6
6	Discovery of Potent EGFR Inhibitors With 6-Arylureido-4-anilinoquinazoline Derivatives. <i>Frontiers in Pharmacology</i> , 2021, 12, 647591.	1.6	7
7	Species and sex differences in the blood clearance and immunogenicity of PEGylated uricase: A comparative 26-week toxicity study in rats and monkeys. <i>Life Sciences</i> , 2020, 255, 116892.	2.0	3
8	Pharmacokinetics of Polyethylene Glycol-Modified Canine Uricase Following Single and Multiple Intravenous Injections in Cynomolgus Monkeys. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020, 45, 445-451.	0.6	4
9	Non-targeted metabolomics reveals diagnostic biomarker in the tongue coating of patients with chronic gastritis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 541-551.	1.4	9
10	Targeting dihydrofolate reductase: Design, synthesis and biological evaluation of novel 6-substituted pyrrolo[2,3-d]pyrimidines as nonclassical antifolates and as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 329-340.	2.6	10
11	Anti-proliferative and anti-migratory effects of <i>Scutellaria strigillosa</i> Hemsley extracts against vascular smooth muscle cells. <i>Journal of Ethnopharmacology</i> , 2019, 235, 155-163.	2.0	14
12	Exploring in vivo metabolism and excretion of QO-58L using ultra-high-performance liquid chromatography coupled with tandem mass spectrometry. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 379-391.	1.9	1
13	A UHPLC-QTOF-MS/MS method for the simultaneous determination of eight triterpene compounds from <i>Poria cocos</i> (Schw.) Wolf extract in rat plasma: Application to a comparative pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 34-44.	1.2	31
14	Metabolic alterations in triptolideâ€induced acute hepatotoxicity. <i>Biomedical Chromatography</i> , 2018, 32, e4299.	0.8	35
15	The ethanol extract of honeysuckle stem modulates the innate immunity of Chinese mitten crab <i>Eriocheir sinensis</i> against <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2018, 82, 304-311.	1.6	9
16	Granaxylocartin A, New Limonoid from the Seeds of <i>Xylocarpus granatum</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 901-903.	0.2	3
17	Herbâ€herb pharmacokinetic interaction between <i>Glehniae radix</i> and <i>Ophiopogonis radix</i> in rats using superimposed multiple product ion (SMPI) LC-HR-MS/MS. <i>RSC Advances</i> , 2017, 7, 29732-29741.	1.7	5
18	Study on the metabolites of isolanolactone in vivo and in vitro by ultra performance liquid chromatography combined with Triple TOF mass spectrometry. <i>Food Chemistry</i> , 2017, 214, 328-338.	4.2	24

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19	A chemometric-assisted LC-MS/MS method for the simultaneous determination of 17 limonoids from different parts of <i>Xylocarpus granatum</i> fruit. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4669-4679.	1.9	16
20	Clerodensin, antibacterial caffeic acid derivatives from the aerial part of <i>Clerodendranthus spicatus</i> . <i>Fitoterapia</i> , 2016, 114, 110-114.	1.1	14
21	Identification of in vitro and in vivo metabolites of alantolactone by UPLC-TOF-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 250-260.	1.2	24
22	Cipadesin A, a bioactive ingredient of <i>Xylocarpus granatum</i> , produces antidepressant-like effects in adult mice. <i>Neuroscience Letters</i> , 2016, 633, 33-39.	1.0	20
23	Simultaneous Determination of Eight Chemicals in Fufang Xueshuantong Capsules by LC-MS-MS with Periodic Polarity Switching. <i>Journal of Chromatographic Science</i> , 2015, 53, 1757-1764.	0.7	7
24	Simultaneous quantification of naproxen and its active metabolite naproxen in rat plasma using LC-MS/MS: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 157-162.	1.2	5
25	Simultaneous Quantification of Six Constituents in Qing-Huo-Zhi-Mai Tablet by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2015, 53, 24-30.	0.7	1
26	Simultaneous determination of linarin, naringenin and formononetin in rat plasma by LC-MS/MS and its application to a pharmacokinetic study after oral administration of Bushen Guchi Pill. <i>Biomedical Chromatography</i> , 2015, 29, 246-253.	0.8	21
27	Simultaneous Determination of Five Constituents in Qinpijiegu Capsule by High-Performance Liquid Chromatography Coupled with Tandem Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2015, 53, 274-279.	0.7	5
28	Structural elucidation of stress degradation products of ampicillin sodium by liquid chromatography/hybrid triple quadrupole linear ion trap mass spectrometry and liquid chromatography/hybrid quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1929-1936.	0.7	18
29	Pharmacokinetics and excretion study of sophoricoside and its metabolite in rats by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 945-946, 154-162.	1.2	5
30	Multi-responses extraction optimization based on response surface methodology combined with polarity switching HPLC-MS/MS for the simultaneous quantitation of 11 compounds in Cortex Fraxini: Application to four species of Cortex Fraxini and its 3 confusable species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 210-221.	1.4	31
31	Simultaneous determination of imperatorin and its metabolite xanthotoxin in rat plasma by using HPLC-ESI-MS coupled with hollow fiber liquid phase microextraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 945-946, 185-192.	1.2	10
32	Study of in vitro metabolism of m-nisoldipine in human liver microsomes and recombinant cytochrome P450 enzymes by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 97, 65-71.	1.4	21
33	Identification of the rat liver cytochrome P450 enzymes involved in the metabolism of the calcium channel blocker dipfluzine hydrochloride. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 901-912.	2.0	8
34	Application of a liquid chromatography-tandem mass spectrometry method to the pharmacokinetics, tissue distribution and excretion studies of sweroside in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 1-11.	1.2	20
35	Pharmacokinetic and excretion study of three secoiridoid glycosides and three flavonoid glycosides in rat by LC-MS/MS after oral administration of the <i>Swertia pseudochinensis</i> extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 967, 75-83.	1.2	22
36	Pharmacokinetic evaluation of dipfluzine and its three metabolites in rat plasma using liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 151-155.	1.2	2

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37	Identification of urinary metabolites of imperatorin with a single run on an LC/Triple TOF system based on multiple mass defect filter data acquisition and multiple data mining techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6721-6738.	1.9	45
38	Differentiation of genuine <i>Inula britannica</i> L. and substitute specimens based on the determination of 15 components using LC-MS/MS and principal components analysis. <i>Food Chemistry</i> , 2013, 141, 4019-4025.	4.2	23
39	Simultaneous determination of four flavonoids and one phenolic acid in rat plasma by LC-MS/MS and its application to a pharmacokinetic study after oral administration of the Herba <i>Desmodii Styracifolii</i> extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 66-73.	1.2	23
40	Identification of in vitro and in vivo metabolites of isoimperatorin using liquid chromatography/mass spectrometry. <i>Food Chemistry</i> , 2013, 141, 357-365.	4.2	29
41	QUANTITATIVE ANALYSIS OF TEN DITERPENOIDS IN RAT BILE AFTER ORAL ADMINISTRATION OF <i>Isodon rubescens</i> EXTRACT BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1264-1279.	0.5	1
42	Xylomexicanins C and D, New Mexicanolide-Type Limonoids from <i>Xylocarpus granatum</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 736-740.	0.6	18
43	Simultaneous detection of flavonoids and phenolic acids in Herba <i>Lysimachiae</i> and Herba <i>Desmodii Styracifolii</i> using liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2013, 138, 139-147.	4.2	29
44	A comparative study on the pharmacokinetics of a traditional Chinese herbal preparation with the single herb extracts in rats by LC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 81-82, 34-43.	1.4	41
45	Determination of Cnidilin and Its Two Metabolites in Rat Plasma by High-performance Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry. <i>Planta Medica</i> , 2013, 79, 30-36.	0.7	5
46	Determination of cnidilin and its two metabolites in rat bile and stool after oral administration by HPLC/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 527-534.	0.8	4
47	Simultaneous Determination of a Novel Diphenylpiperazine Calcium Channel Blocker and Its Four Metabolites in Rat Liver Microsomes by Liquid Chromatography Tandem Mass Spectrometry. <i>Pharmacology</i> , 2012, 89, 201-210.	0.9	5
48	PPAR β Agonist from <i>Chromolaena odorata</i> . <i>Journal of Natural Products</i> , 2012, 75, 2076-2081.	1.5	35
49	Simultaneous analysis of 11 main active components in <i>Cirsium setosum</i> based on HPLC-ESI-MS/MS and combined with statistical methods. <i>Journal of Separation Science</i> , 2012, 35, 2897-2907.	1.3	16
50	A rapid method for simultaneous determination of triterpenoid saponins in <i>Pulsatilla turczaninowii</i> using microwave-assisted extraction and high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 135, 251-258.	4.2	35
51	Simultaneous determination and pharmacokinetic study of six flavonoids from Fructus <i>Sophorae</i> extract in rat plasma by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 59-64.	1.2	39
52	Simultaneous determination of nine components in <i>Asplenium nemarrhena asphodeloides</i> by liquid chromatography-tandem mass spectrometry combined with chemometric techniques. <i>Journal of Separation Science</i> , 2012, 35, 1796-1807.	1.3	25
53	Quality Evaluation of a Herbal Prescription Through Quantification of 40 Components by HPLC-ESI-MS/MS. <i>Phytochemical Analysis</i> , 2012, 23, 365-372.	1.2	10
54	LC-MS/MS determination and pharmacokinetic study of five flavone components after solvent extraction/acid hydrolysis in rat plasma after oral administration of <i>Verbena officinalis</i> L. extract. <i>Journal of Ethnopharmacology</i> , 2011, 135, 201-208.	2.0	58

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55	Development of a LC-ESI-MS/MS method for determination of nitrendipine in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 1101-1105.	1.4	5
56	A sensitive analysis method for 7 diterpenoids in rat plasma by liquid chromatography-electrospray ionization mass spectrometry and its application to pharmacokinetic study of <i>Isodon serra</i> extract. <i>Journal of Chromatography A</i> , 2011, 1218, 7771-7780.	1.8	15
57	Development of a novel method for triterpenoidal saponins in rat plasma by solid-phase extraction and high-performance liquid chromatography tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 419, 323-332.	1.1	22
58	Simultaneous determination of five flavonoids from <i>Scutellaria Barbata</i> extract in rat plasma by LC-MS/MS and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1625-1632.	1.2	33
59	Qualitative and quantitative determination of nine main active constituents in <i>Pulsatilla cernua</i> by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 308-316.	1.3	15
60	Determination of darusentan enantiomers in rat plasma by enantioselective liquid chromatography with tandem mass spectrometry using cellulose-based chiral stationary phase. <i>Journal of Separation Science</i> , 2011, 34, 2680-2685.	1.3	4
61	Tentative identification of new metabolites of epimedin C by liquid chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 3200-3207.	1.3	18
62	Quantitative analysis of nine coumarins in rat urine and bile after oral administration of <i>Radix Glehniae</i> extract by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2011, 25, 783-793.	0.8	27
63	Studies on target tissue distribution of ginsenosides and epimedium flavonoids in rats after intravenous administration of Jiweiling freeze-dried powder. <i>Biomedical Chromatography</i> , 2011, 25, 1260-1272.	0.8	9
64	Simultaneous quantification of flavonoids and phenolic acids in <i>Herba Scutellariae barbatae</i> and its confused plants by high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2011, 129, 1297-1304.	4.2	27
65	A validated chiral liquid chromatographic method for the enantiomeric separation of safinamide mesilate, a new anti-Parkinson drug. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 220-224.	1.4	13
66	Separation of the Two Enantiomers of Naproxcinod by Chiral Normal-Phase Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2011, 49, 272-275.	0.7	7
67	Rapid Analysis of 27 Components of <i>Isodon serra</i> by LC-ESI-MS-MS. <i>Chromatographia</i> , 2010, 72, 265-273.	0.7	27
68	Simultaneous determination of m-nisoldipine and its three metabolites in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2989-2996.	1.2	11
69	Simultaneous quantification of 19 diterpenoids in <i>Isodon amethystoides</i> by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 403-411.	1.4	27
70	Simultaneous qualitative and quantitative analysis of 28 components in <i>Isodon rubescens</i> by HPLC-ESI-MS/MS. <i>Journal of Separation Science</i> , 2010, 33, 545-557.	1.3	22
71	Simultaneous and sensitive determination of xanthotoxin, psoralen, isoimipinellin and bergapten in rat plasma by liquid chromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 575-582.	1.2	34
72	Simultaneous characterization and quantitation of 11 coumarins in <i>Radix Angelicae Dahuricae</i> by high performance liquid chromatography with electrospray tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 599-605.	1.4	62

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73	Simultaneous determination of 15 components in Radix Glehniae by high performance liquid chromatography-electrospray ionization tandem mass spectrometry. Food Chemistry, 2010, 120, 886-894.	4.2	24
74	A practical strategy for the characterization of coumarins in Radix Glehniae by liquid chromatography coupled with triple quadrupole-linear ion trap mass spectrometry. Journal of Chromatography A, 2010, 1217, 4587-4600.	1.8	78
75	A novel analysis method for diterpenoids in rat plasma by liquid chromatography-electrospray ionization mass spectrometry. Analytical Biochemistry, 2010, 407, 111-119.	1.1	20
76	Simultaneous quantification of 14 bioactive constituents in <i>Forsythia Suspensa</i> by liquid chromatography-electrospray ionisation-mass spectrometry. Phytochemical Analysis, 2010, 21, 253-260.	1.2	44
77	Rapid method for simultaneous determination of 20 components in <i>Isodon nervosa</i> by high-performance liquid chromatography-electrospray ionisation tandem mass spectrometry. Phytochemical Analysis, 2010, 21, 416-427.	1.2	6
78	QUALITATIVE AND QUANTITATIVE ANALYSIS OF 15 ACTIVE CONSTITUENTS IN JIWEILING FREEZE-DRIED POWDER BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2010, 34, 1-17.	0.5	1
79	Pharmacokinetic properties of paeoniflorin, albiflorin and oxypaeoniflorin after oral gavage of extracts of Radix Paeoniae Rubra and Radix Paeoniae Alba in rats. Journal of Ethnopharmacology, 2010, 130, 407-413.	2.0	63
80	Simultaneous Quantification of Six Sesquiterpene Lactones in <i>Inula britannica</i> L. by RP-LC. Chromatographia, 2008, 68, 281-285.	0.7	11
81	Sesquiterpene Lactones and their Anti-Tumor Activity from the Flowers of <i>Inula Britannica</i> . Letters in Drug Design and Discovery, 2008, 5, 433-436.	0.4	16