Xiaowei Shi

List of Publications by Year
in descending order

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81	1,499	257450	395702
papers	citations	24 h-index	33 g-index

81	81	81	1920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isolation, synthesis, identification of new process-related impurities in evocalcet. Journal of Pharmaceutical and Biomedical Analysis, 2022, 214, 114715.	2.8	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. Journal of Pharmaceutical and Biomedical Analysis, 2022, 216, 114803.	2.8	1
3	Î»³-Iodane/Lewis Acid Mediated Intramolecular Cross-Nucleophile Coupling of Î²-Amino Acrylates: Chemodivergent Syntheses of Indole Alkaloidal Frameworks. Organic Letters, 2022, 24, 5381-5385.	4.6	3
4	Determination of PEGylation homogeneity of polyethylene glycolâ€modified canine uricase. Electrophoresis, 2021, 42, 693-699.	2.4	2
5	Paternal reprogramming-escape histone H3K4me3 marks located within promoters of RNA splicing genes. Bioinformatics, 2021, 37, 1039-1044.	4.1	6
6	Discovery of Potent EGFR Inhibitors With 6-Arylureido-4-anilinoquinazoline Derivatives. Frontiers in Pharmacology, 2021, 12, 647591.	3.5	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. Life Sciences, 2020, 255, 116892.	4.3	3
8	Pharmacokinetics of Polyethylene Glycol-Modified Canine Uricase Following Single and Multiple Intravenous Injections in Cynomolgus Monkeys. European Journal of Drug Metabolism and Pharmacokinetics, 2020, 45, 445-451.	1.6	4
9	Non-targeted metabolomics reveals diagnostic biomarker in the tongue coating of patients with chronic gastritis. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 541-551.	2.8	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. European Journal of Medicinal Chemistry, 2019, 178, 329-340.	5.5	10
11	Anti-proliferative and anti-migratory effects of Scutellaria strigillosa Hemsley extracts against vascular smooth muscle cells. Journal of Ethnopharmacology, 2019, 235, 155-163.	4.1	14
12	Exploring in vivo metabolism and excretion of QO-58L using ultra-high-performance liquid chromatography coupled with tandem mass spectrometry. European Journal of Pharmaceutical Sciences, 2018, 117, 379-391.	4.0	1
13	A UHPLC-QTOF-MS/MS method for the simultaneous determination of eight triterpene compounds from Poria cocos (Schw.) Wolf extract in rat plasma: Application to a comparative pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1102-1103, 34-44.	2.3	31
14	Metabolic alterations in triptolideâ€induced acute hepatotoxicity. Biomedical Chromatography, 2018, 32, e4299.	1.7	35
15	The ethanol extract of honeysuckle stem modulates the innate immunity of Chinese mitten crab Eriocheir sinensis against Aeromonas hydrophila. Fish and Shellfish Immunology, 2018, 82, 304-311.	3.6	9
16	Granaxylocartin A, New Limonoid from the Seeds of Xylocarpus granatum. Chemistry of Natural Compounds, 2017, 53, 901-903.	0.8	3
17	Herbâ€“herb pharmacokinetic interaction between Glehniae radix and Ophiopogonis radix in rats using superimposed multiple product ion (SMPI) LC-HR-MS/MS. RSC Advances, 2017, 7, 29732-29741.	3.6	5
18	Study on the metabolites of isoalantolactone in vivo and in vitro by ultra performance liquid chromatography combined with Triple TOF mass spectrometry. Food Chemistry, 2017, 214, 328-338.	8.2	24

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19	A chemometric-assisted LCâ€“MS/MS method for the simultaneous determination of 17 limonoids from different parts of Xylocarpus granatum fruit. Analytical and Bioanalytical Chemistry, 2017, 409, 4669-4679.	3.7	16
20	Clerodens Eâ€“J, antibacterial caffeic acid derivatives from the aerial part of Clerodendranthus spicatus. FÃ¬toterapÃ¬Ã¢, 2016, 114, 110-114.	2.2	14
21	Identification of in vitro and in vivo metabolites of alantolactone by UPLC-TOF-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 250-260.	2.3	24
22	Cipadesin A, a bioactive ingredient of Xylocarpus granatum, produces antidepressant-like effects in adult mice. Neuroscience Letters, 2016, 633, 33-39.	2.1	20
23	Simultaneous Determination of Eight Chemicals in Fufang Xueshuantong Capsules by LCâ€“MS-MS with Periodic Polarity Switching. Journal of Chromatographic Science, 2015, 53, 1757-1764.	1.4	7
24	Simultaneous quantification of naproxcinod and its active metabolite naproxen in rat plasma using LCâ€“MS/MS: Application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 978-979, 157-162.	2.3	5
25	Simultaneous Quantification of Six Constituents in Qing-Huo-Zhi-Mai Tablet by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. Journal of Chromatographic Science, 2015, 53, 24-30.	1.4	1
26	Simultaneous determination of linarin, naringenin and formononetin in rat plasma by LCâ€MS/MS and its application to a pharmacokinetic study after oral administration of Bushen Guchi Pill. Biomedical Chromatography, 2015, 29, 246-253.	1.7	21
27	Simultaneous Determination of Five Constituents in Qinpijiegu Capsule by High-Performance Liquid Chromatography Coupled with Tandem Mass Spectrometry. Journal of Chromatographic Science, 2015, 53, 274-279.	1.4	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. Rapid Communications in Mass Spectrometry, 2014, 28, 1929-1936.	1.5	18
29	Pharmacokinetics and excretion study of sophoricoside and its metabolite in rats by liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 945-946, 154-162.	2.3	5
30	Multi-responses extraction optimization based on response surface methodology combined with polarity switching HPLCâ€“MS/MS for the simultaneous quantitation of 11 compounds in Cortex Fraxini: Application to four species of Cortex Fraxini and its 3 confusable species. Journal of Pharmaceutical and Biomedical Analysis, 2014, 91, 210-221.	2.8	31
31	Simultaneous determination of imperatorin and its metabolite xanthotoxol in rat plasma by using HPLCâ€“ESI-MS coupled with hollow fiber liquid phase microextraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 945-946, 185-192.	2.3	10
32	Study of in vitro metabolism of m-nisoldipine in human liver microsomes and recombinant cytochrome P450 enzymes by liquid chromatographyâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 97, 65-71.	2.8	21
33	Identification of the rat liver cytochrome P450 enzymes involved in the metabolism of the calcium channel blocker dipfluzine hydrochloride. Environmental Toxicology and Pharmacology, 2014, 38, 901-912.	4.0	8
34	Application of a liquid chromatographyâ€“tandem mass spectrometry method to the pharmacokinetics, tissue distribution and excretion studies of sweroside in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 969, 1-11.	2.3	20
35	Pharmacokinetic and excretion study of three secoiridoid glycosides and three flavonoid glycosides in rat by LCâ€“MS/MS after oral administration of the Swertia pseudochinensis extract. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 967, 75-83.	2.3	22
36	Pharmacokinetic evaluation of dipfluzine and its three metabolites in rat plasma using liquid chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 947-948, 151-155.	2.3	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. Analytical and Bioanalytical Chemistry, 2013, 405, 6721-6738.	3.7	45
38	Differentiation of genuine Inula britannica L. and substitute specimens based on the determination of 15 components using LCâ€“MS/MS and principal components analysis. Food Chemistry, 2013, 141, 4019-4025.	8.2	23
39	Simultaneous determination of four flavonoids and one phenolic acid in rat plasma by LCâ€“MS/MS and its application to a pharmacokinetic study after oral administration of the Herba Desmodii Styracifolii extract. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 932, 66-73.	2.3	23
40	Identification of in vitro and in vivo metabolites of isoimperatorin using liquid chromatography/mass spectrometry. Food Chemistry, 2013, 141, 357-365.	8.2	29
41	QUANTITATIVE ANALYSIS OF TEN DITERPENOIDS IN RAT BILE AFTER ORAL ADMINISTRATION OF Isodon rubescens EXTRACT BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1264-1279.	1.0	1
42	Xylomexicanins C and D, New Mexicanolide-Type Limonoids from Xylocarpus granatum. Bioscience, Biotechnology and Biochemistry, 2013, 77, 736-740.	1.3	18
43	Simultaneous detection of flavonoids and phenolic acids in Herba Lysimachiae and Herba Desmodii Styracifolii using liquid chromatography tandem mass spectrometry. Food Chemistry, 2013, 138, 139-147.	8.2	29
44	A comparative study on the pharmacokinetics of a traditional Chinese herbal preparation with the single herb extracts in rats by LCâ€“MS/MS method. Journal of Pharmaceutical and Biomedical Analysis, 2013, 81-82, 34-43.	2.8	41
45	Determination of Cnidilin and Its Two Metabolites in Rat Plasma by High-performance Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry. Planta Medica, 2013, 79, 30-36.	1.3	5
46	Determination of cnidilin and its two metabolites in rat bile and stool after oral administration by HPLC/electrospray ionization tandem mass spectrometry. Biomedical Chromatography, 2013, 27, 527-534.	1.7	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. Pharmacology, 2012, 89, 201-210.	2.2	5
48	PPARÎ³ Agonist from Chromolaena odorata. Journal of Natural Products, 2012, 75, 2076-2081.	3.0	35
49	Simultaneous analysis of 11 main active components in <scp>C</scp>irsium setosum based on <scp>HPLC</scp>â€<scp>ESI</scp>â€<scp>MS</scp>/<scp>MS</scp> and combined with statistical methods. Journal of Separation Science, 2012, 35, 2897-2907.	2.5	16
50	A rapid method for simultaneous determination of triterpenoid saponins in Pulsatilla turczaninovii using microwave-assisted extraction and high performance liquid chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2012, 135, 251-258.	8.2	35
51	Simultaneous determination and pharmacokinetic study of six flavonoids from Fructus Sophorae extract in rat plasma by LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 904, 59-64.	2.3	39
52	Simultaneous determination of nine components in <scp>A</scp>nemarrhena asphodeloides by liquid chromatographyâ€tandem mass spectrometry combined with chemometric techniques. Journal of Separation Science, 2012, 35, 1796-1807.	2.5	25
53	Quality Evaluation of a Herbal Prescription Through Quantification of 40 Components by HPLC-ESI-MS/MS. Phytochemical Analysis, 2012, 23, 365-372.	2.4	10
54	LCâ€“MS/MS determination and pharmacokinetic study of five flavone components after solvent extraction/acid hydrolysis in rat plasma after oral administration of Verbena officinalis L. extract. Journal of Ethnopharmacology, 2011, 135, 201-208.	4.1	58

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55	Development of a LCâ€“ESI-MS3 method for determination of nitrendipine in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 1101-1105.	2.8	5
56	A sensitive analysis method for 7 diterpenoids in rat plasma by liquid chromatographyâ€“electrospray ionization mass spectrometry and its application to pharmacokinetic study of Isodon serra extract. Journal of Chromatography A, 2011, 1218, 7771-7780.	3.7	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. Analytical Biochemistry, 2011, 419, 323-332.	2.4	22
58	Simultaneous determination of five flavonoids from Scutellaria Barbata extract in rat plasma by LCâ€“MS/MS and its application to pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1625-1632.	2.3	33
59	Qualitative and quantitative determination of nine main active constituents in Pulsatilla cernua by highâ€performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry. Journal of Separation Science, 2011, 34, 308-316.	2.5	15
60	Determination of darusentan enantiomers in rat plasma by enantioselective liquid chromatography with tandem mass spectrometry using celluloseâ€based chiral stationary phase. Journal of Separation Science, 2011, 34, 2680-2685.	2.5	4
61	Tentative identification of new metabolites of epimedin C by liquid chromatographyâ€“mass spectrometry. Journal of Separation Science, 2011, 34, 3200-3207.	2.5	18
62	Quantitative analysis of nine coumarins in rat urine and bile after oral administration of Radix Glehniae extract by highâ€performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Biomedical Chromatography, 2011, 25, 783-793.	1.7	27
63	Studies on target tissue distribution of ginsenosides and epimedium flavonoids in rats after intravenous administration of Jiweiling freezeâ€dried powder. Biomedical Chromatography, 2011, 25, 1260-1272.	1.7	9
64	Simultaneous quantification of flavonoids and phenolic acids in Herba Scutellariae barbatae and its confused plants by high performance liquid chromatography-tandem mass spectrometry. Food Chemistry, 2011, 129, 1297-1304.	8.2	27
65	A validated chiral liquid chromatographic method for the enantiomeric separation of safinamide mesilate, a new anti-Parkinson drug. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 220-224.	2.8	13
66	Separation of the Two Enantiomers of Naproxcinod by Chiral Normal-Phase Liquid Chromatography. Journal of Chromatographic Science, 2011, 49, 272-275.	1.4	7
67	Rapid Analysis of 27 Components of Isodon serra by LCâ€“ESI-MSâ€“MS. Chromatographia, 2010, 72, 265-273.	1.3	27
68	Simultaneous determination of m-nisoldipine and its three metabolites in rat plasma by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2989-2996.	2.3	11
69	Simultaneous quantification of 19 diterpenoids in Isodon amethystoides by high-performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 403-411.	2.8	27
70	Simultaneous qualitative and quantitative analysis of 28 components in Isodon rubescens by HPLCâ€ESIâ€MS/MS. Journal of Separation Science, 2010, 33, 545-557.	2.5	22
71	Simultaneous and sensitive determination of xanthotoxin, psoralen, isoimpinellin and bergapten in rat plasma by liquid chromatographyâ€“electrospray ionization mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 575-582.	2.3	34
72	Simultaneous characterization and quantitation of 11 coumarins in Radix Angelicae Dahuricae by high performance liquid chromatography with electrospray tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 599-605.	2.8	62

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73	Simultaneous determination of 15 components in Radix Glehniae by high performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Food Chemistry, 2010, 120, 886-894.	8.2	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.	3.7	78
75	A novel analysis method for diterpenoids in rat plasma by liquid chromatographyâ€“electrospray ionization mass spectrometry. Analytical Biochemistry, 2010, 407, 111-119.	2.4	20
76	Simultaneous quantification of 14 bioactive constituents in Forsythia Suspensa by liquid chromatographyâ€“electrospray ionisationâ€“mass spectrometry. Phytochemical Analysis, 2010, 21, 253-260.	2.4	44
77	Rapid method for simultaneous determination of 20 components in Isodon nervosa by high-performance liquid chromatography-electrospray ionisation tandem mass spectrometry. Phytochemical Analysis, 2010, 21, 416-427.	2.4	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.	1.0	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.	4.1	63
80	Simultaneous Quantification of Six Sesquiterpene Lactones in Inula britannica L. by RP-LC. Chromatographia, 2008, 68, 281-285.	1.3	11
81	Sesquiterpene Lactones and their Anti-Tumor Activity from the Flowers of Inula Britannica. Letters in Drug Design and Discovery, 2008, 5, 433-436.	0.7	16