Weihui Zhong

List of Publications by Year
in descending order

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26	224	1040056	1125743
papers	citations	9	13
		h-index	g-index

26	26	26	89
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of a trap-free two-dimensional liquid chromatography combined with ion trap/time-of-flight mass spectrometry for separation and characterization of impurities and isomers in cefpiramide. Analytica Chimica Acta, 2017, 992, 42-54.	5.4	25
2	Separation and characterization of unknown impurities and isomers in flomoxef sodium by LC-IT-TOF MS and study of their negative-ion fragmentation regularities. Journal of Pharmaceutical and Biomedical Analysis, 2017, 140, 81-90.	2.8	14
3	Gut microbiota-mediated xanthine metabolism is associated with resistance to high-fat diet-induced obesity. Journal of Nutritional Biochemistry, 2021, 88, 108533.	4.2	14
4	Separation and characterization of unknown impurities in cefonicid sodium by trapâ€free twoâ€dimensional liquid chromatography combined with ion trap timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1541-1550.	1.5	13
5	Characterization of a new component and impurities in josamycin by trapâ€free twoâ€dimensional liquid chromatography coupled to ion trap timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 1058-1066.	1.5	13
6	Characterization of the Oxidation Degradation Products in Tigecycline by Column-Switching and Online Demineralization Technique for Dual Gradient Liquid Chromatography Combined With Q Orbitrap Mass Spectrometry. Chromatographia, 2016, 79, 537-545.	1.3	12
7	Study of the structures of photodegradation impurities and pathways of photodegradation of cilnidipine by liquid chromatography/Qâ€Orbitrap mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1771-1778.	1.5	12
8	Separation and characterization of allergic polymerized impurities in cephalosporins by 2D-HPSEC Ã— LC-IT-TOF MS. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 742-750.	2.8	12
9	Separation and characterization of unknown impurities in rutin tablets using trapâ€free twoâ€dimensional liquid chromatography coupled with ion trap/timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8739.	1.5	12
10	Separation and characterization of allergenic polymerized impurities from cephalosporin for injection by trap free two-dimensional high performance size exclusion chromatographyâ€Ã—â€reversed phase liquid chromatography coupled with ion trap time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 425-432.	2.8	9
11	Development of a novel HPLC method for the determination of the impurities in desonide cream and characterization of its impurities by 2D LC-IT-TOF MS. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 399-406.	2.8	9
12	Characterization of 28 unknown impurities in 16-membered macrolides by liquid chromatography coupled with ion trap/time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113324.	2.8	9
13	Characterization of the impurities and isomers in cefetamet pivoxil hydrochloride by liquid chromatography/time-of-flight mass spectrometry and ion trap mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2015, 111, 71-77.	2.8	8
14	Separation and Characterization of New Components and Impurities in Leucomycin by Multiple Heart-Cutting Two-Dimensional Liquid Chromatography Combined with Ion Trap/Time-of-Flight Mass Spectrometry. Chromatographia, 2019, 82, 1333-1344.	1.3	8
15	Study of the impurity profile and polymerized impurity in mezlocillin sodium by multiple heartâ€cutting twoâ€dimensional liquid chromatography coupled with ion trap timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 1410-1419.	1.5	8
16	Universal quantification method of degradation impurities in 16-membered macrolides using HPLC-CAD and study on source of the impurities. Journal of Pharmaceutical and Biomedical Analysis, 2020, 184, 113170.	2.8	8
17	SEPARATION AND CHARACTERIZATION OF THE IMPURITIES AND ISOMERS IN CEFMENOXIME HYDROCHLORIDE BY HPLC-UV-MSⁿ. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2125-2141.	1.0	6
18	Study of the impurity profile and characteristic fragmentation of Î”³â€isomers in cephapirin sodium using dual liquid chromatography coupled with ion trap/timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8948.	1.5	6

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19	Characterization of two unknown impurities in roxithromycin by 2D LCâ€“QTOF/MS/MS and NMR. Journal of Pharmaceutical and Biomedical Analysis, 2020, 184, 113196.	2.8	6
20	Universal response method for the quantitative analysis of multi-components in josamycin and midecamycin using liquid chromatography coupled with charged aerosol detector. Journal of Pharmaceutical and Biomedical Analysis, 2021, 192, 113679.	2.8	5
21	Characterization of Nineteen Impurities in Roxithromycin by HPLC/TOF and Ion Trap Mass Spectrometry. Chromatographia, 2013, 76, 1683-1695.	1.3	4
22	Characterization of four unknown impurities in azithromycin and erythromycin imino ether using twoâ€dimensional liquid chromatography coupled to highâ€resolution quadrupole timeâ€ofâ€flight mass spectrometry and nuclear magnetic resonance. Rapid Communications in Mass Spectrometry, 2020, 34, e8772.	1.5	4
23	Analysis of polymerized impurities in mezlocillin sodium and sulbenicillin sodium using two chromatographic separation mechanisms coupled to tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2022, 210, 114584.	2.8	3
24	Separation and structural elucidation of cefsulodin and its impurities in both positive and negative ion mode in cefsulodin sodium bulk material using liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9125.	1.5	2
25	Characterization of eight unknown impurities and analysis of their source in xinfujunsu and injection by liquid chromatography coupled with ion trap/time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114279.	2.8	2
26	Separation and characterization of two series of unknown degradation impurities caused by light irradiation and autoclaving in xinfujunsu injection using liquid chromatography tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9223.	1.5	0