

# Weihui Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

224  
citations

1040056

9  
h-index

1125743

13  
g-index

26  
all docs

26  
docs citations

26  
times ranked

89  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9223.   | 1.5 | 0         |
| 2  | Analysis of polymerized impurities in mezlocillin sodium and sulbenicillin sodium using two chromatographic separation mechanisms coupled to tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114584.  | 2.8 | 3         |
| 3  | Gut microbiota-mediated xanthine metabolism is associated with resistance to high-fat diet-induced obesity. <i>Journal of Nutritional Biochemistry</i> , 2021, 88, 108533.  | 4.2 | 14        |
| 4  | Universal response method for the quantitative analysis of multi-components in josamycin and midecamycin using liquid chromatography coupled with charged aerosol detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113679.   | 2.8 | 5         |
| 5  | 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. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9125.  | 1.5 | 2         |
| 6  | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114279.  | 2.8 | 2         |
| 7  | Study of the impurity profile and characteristic fragmentation of $\hat{I}^{3+}$ isomers in cephalirin sodium using dual liquid chromatography coupled with ion trap/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8948.  | 1.5 | 6         |
| 8  | Characterization of 28 unknown impurities in 16-membered macrolides by liquid chromatography coupled with ion trap/time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113324.  | 2.8 | 9         |
| 9  | Universal quantification method of degradation impurities in 16-membered macrolides using HPLC-CAD and study on source of the impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113170.   | 2.8 | 8         |
| 10 | Characterization of two unknown impurities in roxithromycin by 2D LC-QTOF/MS/MS and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113196.  | 2.8 | 6         |
| 11 | Separation and characterization of unknown impurities in rutin tablets using trap-free two-dimensional liquid chromatography coupled with ion trap/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8739.  | 1.5 | 12        |
| 12 | Characterization of four unknown impurities in azithromycin and erythromycin imino ether using two-dimensional liquid chromatography coupled to high-resolution quadrupole time-of-flight mass spectrometry and nuclear magnetic resonance. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8772.   | 1.5 | 4         |
| 13 | 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. <i>Chromatographia</i> , 2019, 82, 1333-1344.   | 1.3 | 8         |
| 14 | Study of the impurity profile and polymerized impurity in mezlocillin sodium by multiple heart-cutting two-dimensional liquid chromatography coupled with ion trap time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1410-1419.  | 1.5 | 8         |
| 15 | Characterization of a new component and impurities in josamycin by trap-free two-dimensional liquid chromatography coupled to ion trap time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1058-1066.  | 1.5 | 13        |
| 16 | Separation and characterization of allergenic polymerized impurities from cephalosporin for injection by trap free two-dimensional high performance size exclusion chromatography-reversed phase liquid chromatography coupled with ion trap time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 425-432. | 2.8 | 9         |
| 17 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 399-406.  | 2.8 | 9         |
| 18 | Separation and characterization of unknown impurities and isomers in flomoxef sodium by LC-IT-TOF MS and study of their negative-ion fragmentation regularities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 81-90.   | 2.8 | 14        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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. <i>Analytica Chimica Acta</i> , 2017, 992, 42-54.        | 5.4 | 25        |
| 20 | Separation and characterization of unknown impurities in cefonicid sodium by trap-free two-dimensional liquid chromatography combined with ion trap time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1541-1550.   | 1.5 | 13        |
| 21 | Separation and characterization of allergic polymerized impurities in cephalosporins by 2D-HPSEC- $\tilde{A}$ -LC-IT-TOF MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 742-750.   | 2.8 | 12        |
| 22 | 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. <i>Chromatographia</i> , 2016, 79, 537-545. | 1.3 | 12        |
| 23 | Study of the structures of photodegradation impurities and pathways of photodegradation of cilnidipine by liquid chromatography/Q-Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1771-1778.                           | 1.5 | 12        |
| 24 | Characterization of the impurities and isomers in cefetamet pivoxil hydrochloride by liquid chromatography/time-of-flight mass spectrometry and ion trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 71-77.        | 2.8 | 8         |
| 25 | Characterization of Nineteen Impurities in Roxithromycin by HPLC/TOF and Ion Trap Mass Spectrometry. <i>Chromatographia</i> , 2013, 76, 1683-1695.  | 1.3 | 4         |
| 26 | SEPARATION AND CHARACTERIZATION OF THE IMPURITIES AND ISOMERS IN CEFMENOXIME HYDROCHLORIDE BY HPLC-UV-MS <sup>n</sup> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2125-2141.   | 1.0 | 6         |