

Lei Yin

List of Publications by Year in descending order

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33
papers

560
citations

840119

11
h-index

642321

23
g-index

33
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33
docs citations

33
times ranked

926
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A sensitive and selective HPLC-MS ³ method for therapeutic drug monitoring of meropenem and its validation by comparison with HPLC-MS ² methods. <i>Journal of Separation Science</i> , 2022, 45, 1683-1692. | 1.3 | 3 |
| 2 | Ultrafast and high-throughput quantitative analysis of carbamazepine in human plasma by direct analysis in real time tandem mass spectrometry coupled with solid phase extraction to eliminate matrix effects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 214, 114751. | 1.4 | 4 |
| 3 | A LC-MS ³ strategy to determine lamotrigine by Q-Q-trap tandem mass spectrometry coupled with triple stage fragmentation to enhance sensitivity and selectivity. <i>Analytical Methods</i> , 2021, 13, 4478-4484. | 1.3 | 5 |
| 4 | Comparison of LC-MS ³ and LC-MRM strategy for quantification of methotrexate in human plasma and its application in therapeutic drug monitoring. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114345. | 1.4 | 7 |
| 5 | Development and validation of a liquid chromatography-tandem mass spectrometry method with triple-stage fragmentation to determine levetiracetam in epileptic patient serum and its application in therapeutic drug monitoring. <i>Journal of Separation Science</i> , 2021, 44, 4255-4263. | 1.3 | 5 |
| 6 | Comparative pharmacokinetic study of PEGylated gemcitabine and gemcitabine in rats by LC-MS/MS coupled with pre-column derivatization and MSALL technique. <i>Talanta</i> , 2020, 206, 120184. | 2.9 | 15 |
| 7 | Recent advances in the bioanalytical methods of polyethylene glycols and PEGylated pharmaceuticals. <i>Journal of Separation Science</i> , 2020, 43, 1978-1997. | 1.3 | 12 |
| 8 | Impact of molecular weight on the mechanism of cellular uptake of polyethylene glycols (PEGs) with particular reference to P-glycoprotein. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2002-2009. | 5.7 | 23 |
| 9 | Pharmacokinetic, bioavailability and tissue distribution study of astilbin in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1061-1071. | 1.2 | 7 |
| 10 | The epitranscriptomic writer ALKBH8 drives tolerance and protects mouse lungs from the environmental pollutant naphthalene. <i>Epigenetics</i> , 2020, 15, 1121-1138. | 1.3 | 12 |
| 11 | Generation and characterization of a serum albumin-humanized mouse model for biomarker discovery. <i>FASEB Journal</i> , 2020, 34, 1-1. | 0.2 | 0 |
| 12 | Development of an UPLC-MS/MS method coupled with in-source CID for quantitative analysis of PEG-PLA copolymer and its application to a pharmacokinetic study in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121716. | 1.2 | 8 |
| 13 | Liquid chromatography tandem mass spectrometry with triple stage fragmentation for highly selective analysis and pharmacokinetics of alarelin in rat plasma. <i>Journal of Separation Science</i> , 2019, 42, 3033-3040. | 1.3 | 7 |
| 14 | Recent advances in single-cell analysis by mass spectrometry. <i>Analyst, The</i> , 2019, 144, 824-845. | 1.7 | 91 |
| 15 | Ultrahigh-throughput absolute quantitative analysis of linezolid in human plasma by direct analysis in real time mass spectrometry without chromatographic separation and its application to a pharmacokinetic study. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5139-5148. | 1.9 | 15 |
| 16 | Development and application of a high-throughput liquid chromatography-tandem mass spectrometric method for the simultaneous determination of thymosin α 1 and its recombinant human form in plasma and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 16-21. | 1.4 | 1 |
| 17 | The Effect of Molecular Structure on Cytotoxicity and Antitumor Activity of PEGylated Nanomedicines. <i>Biomacromolecules</i> , 2018, 19, 1625-1634. | 2.6 | 17 |
| 18 | Separation and simultaneous quantitation of PGF ₂ α and its epimer 8-iso-PGF ₂ α using modifier-assisted differential mobility spectrometry tandem mass spectrometry. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 228-234. | 5.7 | 1 |

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|----|---|-----|-----------|
| 19 | Ethnopharmacology, phytochemistry, and pharmacology of <i>Cornus officinalis</i> Sieb. et Zucc. <i>Journal of Ethnopharmacology</i> , 2018, 213, 280-301. | 2.0 | 125 |
| 20 | Poly (l-glutamic acid)-g-methoxy poly (ethylene glycol)-gemcitabine conjugate improves the anticancer efficacy of gemcitabine. <i>International Journal of Pharmaceutics</i> , 2018, 550, 79-88. | 2.6 | 13 |
| 21 | Chemical Profile and Anti-inflammatory Activity of Total Flavonoids from <i>Fisch.</i> <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 726-734. | 0.3 | 21 |
| 22 | Report: Regional variation in the chemical composition and antioxidant activity of <i>Rosmarinus officinalis</i> L. from China and the Mediterranean region. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 221-229. | 0.2 | 3 |
| 23 | Anti-inflammatory effects of ononin on lipopolysaccharide-stimulated RAW 264.7 cells. <i>Molecular Immunology</i> , 2017, 83, 46-51. | 1.0 | 66 |
| 24 | MS ^{All} strategy for comprehensive quantitative analysis of PEGylated-doxorubicin, PEG and doxorubicin by LC-high resolution q-q-TOF mass spectrometry coupled with all window acquisition of all fragment ion spectra. <i>Analyst</i> , 2017, 142, 4279-4288. | 1.7 | 17 |
| 25 | A validated UPLC-MS/MS method coupled with protein precipitation and ion exchange solid phase extraction for the quantitation of porcine relaxin B29 in dog plasma and its application to a pharmacokinetic study. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6559-6565. | 1.9 | 9 |
| 26 | Hepatoprotective Effects of Kaempferol-3-O- β -l-Arabinopyranosyl-7-O- β -l-Rhamnopyranoside on d-Galactosamine and Lipopolysaccharide Caused Hepatic Failure in Mice. <i>Molecules</i> , 2017, 22, 1755. | 1.7 | 14 |
| 27 | Chemical Constituents of <i>Aconitum flavum</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 769-770. | 0.2 | 6 |
| 28 | Development of a GC-MS method for the determination and pharmacokinetics of trans- β -oxocamphor after intravenous administration of Vitacamphorae injection in rat. <i>Analytical Methods</i> , 2016, 8, 4720-4726. | 1.3 | 1 |
| 29 | Analysis of the transcriptome of <i>Isodon rubescens</i> and key enzymes involved in terpenoid biosynthesis. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 592-601. | 0.5 | 20 |
| 30 | Simultaneous determination of carboprost methylate and its active metabolite carboprost in dog plasma by liquid chromatography-tandem mass spectrometry with positive/negative ion-switching electrospray ionization and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 998-999, 8-14. | 1.2 | 7 |
| 31 | Rapid quantification of astilbin in rat plasma by liquid chromatography-tandem mass spectrometry and its application to pharmacokinetic study. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 1078-1082. | 1.3 | 5 |
| 32 | Quantitation of bivalirudin, a novel anticoagulant peptide, in human plasma by LC-MS/MS: Method development, validation and application to pharmacokinetics. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 1-8. | 2.4 | 8 |
| 33 | A liquid chromatography-tandem mass spectrometric method for the simultaneous quantitation of five components of <i>Ilex sonchifolia</i> (Bge.) Hance in rat plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 12-16. | 1.2 | 12 |