

# Lei Yin

## List of Publications by Year in descending order

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33  
papers

560  
citations

840776  
11  
h-index

642732  
23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethnopharmacology, phytochemistry, and pharmacology of <i>Cornus officinalis</i> Sieb. et Zucc. <i>Journal of Ethnopharmacology</i> , 2018, 213, 280-301.	4.1	125
2	Recent advances in single-cell analysis by mass spectrometry. <i>Analyst</i> , The, 2019, 144, 824-845.	3.5	91
3	Anti-inflammatory effects of ononin on lipopolysaccharide-stimulated RAW 264.7 cells. <i>Molecular Immunology</i> , 2017, 83, 46-51.	2.2	66
4	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.	12.0	23
5	Chemical Profile and Anti-inflammatory Activity of Total Flavonoids from <i>Fisch.</i> <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 726-734.	0.5	21
6	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.	1.3	20
7	MS <sup>All</sup> 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> , The, 2017, 142, 4279-4288.	3.5	17
8	The Effect of Molecular Structure on Cytotoxicity and Antitumor Activity of PEGylated Nanomedicines. <i>Biomacromolecules</i> , 2018, 19, 1625-1634.	5.4	17
9	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.	3.7	15
10	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.	5.5	15
11	Hepatoprotective Effects of Kaempferol-3-O- $\beta$ -L-Arabinopyranosyl-7-O- $\beta$ -L-Rhamnopyranoside on d-Galactosamine and Lipopolysaccharide Caused Hepatic Failure in Mice. <i>Molecules</i> , 2017, 22, 1755.	3.8	14
12	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.	5.2	13
13	A liquid chromatography-tandem mass spectrometric method for the simultaneous quantitation of five components of <i>Isodon sonchifoliain</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.	2.3	12
14	Recent advances in the bioanalytical methods of polyethylene glycols and PEGylated pharmaceuticals. <i>Journal of Separation Science</i> , 2020, 43, 1978-1997.	2.5	12
15	The epitranscriptomic writer ALKBH8 drives tolerance and protects mouse lungs from the environmental pollutant naphthalene. <i>Epigenetics</i> , 2020, 15, 1121-1138.	2.7	12
16	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.	3.7	9
17	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.	5.3	8
18	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.	2.3	8

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19	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.	2.3	7
20	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.	2.5	7
21	Pharmacokinetic, bioavailability and tissue distribution study of astilbin in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1061-1071.	2.4	7
22	Comparison of LC-MS <sup>3</sup> and LC-MS <sup>2</sup> 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.	2.8	7
23	Chemical Constituents of <i>Aconitum flavum</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 769-770.	0.8	6
24	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.	2.6	5
25	A LC-MS <sup>3</sup> 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.	2.7	5
26	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.	2.5	5
27	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.	2.8	4
28	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
29	A sensitive and selective HPLC-MS <sup>3</sup> method for therapeutic drug monitoring of meropenem and its validation by comparison with HPLC-MS <sup>2</sup> methods. <i>Journal of Separation Science</i> , 2022, 45, 1683-1692.	2.5	3
30	Development of a GC-MS method for the determination and pharmacokinetics of trans- $\beta$ -oxocamphor after intravenous administration of Vitacamphorae injection in rat. <i>Analytical Methods</i> , 2016, 8, 4720-4726.	2.7	1
31	Separation and simultaneous quantitation of PGF <sub>2</sub> and its epimer 8-iso-PGF <sub>2</sub> using modifier-assisted differential mobility spectrometry tandem mass spectrometry. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 228-234.	12.0	1
32	Development and application of a high-throughput liquid chromatography-tandem mass spectrometric method for the simultaneous determination of thymosin $\alpha$ 1 and its recombinant human form in plasma and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 16-21.	2.8	1
33	Generation and characterization of a serum albumin-humanized mouse model for biomarker discovery. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0