

Lixin Sun

List of Publications by Year in descending order

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58
papers

842
citations

516710

16
h-index

526287

27
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60
all docs

60
docs citations

60
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of 11 alkaloids in rat plasma by LC-ESI-MS/MS and a pharmacokinetic study after oral administration of total alkaloids extracted from <i>Nauclea officinalis</i> . <i>Journal of Ethnopharmacology</i> , 2022, 282, 114560.	4.1	10
2	Structural and PK-guided identification of indole-based non-acidic autotaxin (ATX) inhibitors exhibiting high <i>in vivo</i> anti-fibrosis efficacy in rodent model. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113951.	5.5	6
3	Identification of the Metabolites of Scutebarbatine A in Rat plasma, bile, urine, and feces by Using Ultra-High-Performance Liquid Chromatography Coupled with Q Exactive Hybrid Quadrupole-Orbitrap High-Resolution Mass Spectrometry. <i>Current Drug Metabolism</i> , 2022, 23, .	1.2	0
4	Investigation of novel ATX inhibitor metabolites by UHPLC-orbitrap-MS/MS and molecular docking studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114606.	2.8	1
5	Simultaneous solubilization and extended release of insoluble drug as payload in highly soluble particles of β -cyclodextrin metal-organic frameworks. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121685.	5.2	13
6	Development and Evaluation of Topical Delivery of Microemulsions Containing Adapalene (MEs-Ap) for Acne. <i>AAPS PharmSciTech</i> , 2021, 22, 125.	3.3	10
7	Cross-linked β -cyclodextrin metal-organic framework "a new stationary phase for the separations of benzene series and polycyclic aromatic hydrocarbons. <i>Mikrochimica Acta</i> , 2021, 188, 245.	5.0	7
8	Comprehensive investigation of pharmacodynamic material basis of <i>Wikstroemia indica</i> (L.) C. A. Mey. by serum pharmacochemistry and bivariate correlation analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122770.	2.3	6
9	Solidification of volatile D-Limonene by cyclodextrin metal-organic framework for pulmonary delivery via dry powder inhalers: <i>In vitro</i> and <i>in vivo</i> evaluation. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120825.	5.2	15
10	Protective effects of Nrf2 against sepsis-induced hepatic injury. <i>Life Sciences</i> , 2021, 282, 119807.	4.3	4
11	The rapid profiling and simultaneous determination of 12 major alkaloids in <i>Nauclea officinalis</i> by UPLC-Q-TOF-MS and HPLC-ESI-MS/MS. <i>Analytical Methods</i> , 2021, 13, 5787-5803.	2.7	0
12	Anti-fibrosis attributes: UHPLC-MS/MS-based pharmacokinetics profiling of a novel autotaxin inhibitor with excellent <i>in vivo</i> efficacy in rat. <i>Biomedical Chromatography</i> , 2021, , e5301.	1.7	0
13	Multi-dimensional visualization for the morphology of lubricant stearic acid particles and their distribution in tablets. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 60-68.	9.1	3
14	Chlorophyll synthesis and the photoprotective mechanism in leaves of mulberry (<i>Morus alba</i> L.) seedlings under NaCl and NaHCO ₃ stress revealed by TMT-based proteomics analyses. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110164.	6.0	34
15	Toxic effects of heavy metals Pb and Cd on mulberry (<i>Morus alba</i> L.) seedling leaves: Photosynthetic function and reactive oxygen species (ROS) metabolism responses. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110469.	6.0	129
16	The Microstructure and Mechanical Properties of TA1-Low Alloy Steel Composite Plate Manufactured by Explosive Welding. <i>Metals</i> , 2020, 10, 663.	2.3	13
17	Physiological and proteomic responses of reactive oxygen species metabolism and antioxidant machinery in mulberry (<i>Morus alba</i> L.) seedling leaves to NaCl and NaHCO ₃ stress. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110259.	6.0	51
18	Organic anion transporter 1 and 3 contribute to traditional Chinese medicine-induced nephrotoxicity. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 196-205.	1.3	5

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19	Ultra-fast self-healing PVA organogels based on dynamic covalent chemistry for dye selective adsorption. <i>New Journal of Chemistry</i> , 2019, 43, 7701-7707.	2.8	26
20	Nanoporous CD-MOF particles with uniform and inhalable size for pulmonary delivery of budesonide. <i>International Journal of Pharmaceutics</i> , 2019, 564, 153-161.	5.2	51
21	Gut Microbiota-Based Pharmacokinetics and the Antidepressant Mechanism of Paeoniflorin. <i>Frontiers in Pharmacology</i> , 2019, 10, 268.	3.5	52
22	Established UPLC-MS/MS procedure for multicomponent quantitative analysis in rat plasma: A contrastive pharmacokinetics study of Qiangshen tablet in normal and kidney yang deficiency syndrome models. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1106-1107, 35-42.	2.3	9
23	Synchrotron Radiation Microcomputed Tomography Guided Chromatographic Analysis for Displaying the Material Distribution in Tablets. <i>Analytical Chemistry</i> , 2018, 90, 3238-3244.	6.5	8
24	In vivo study of erysolin metabolic profile by ultra high performance liquid chromatography coupled to Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 173-181.	2.3	5
25	LC-MS based cell metabolic profiling of tumor cells: a new predictive method for research on the mechanism of action of anticancer candidates. <i>RSC Advances</i> , 2018, 8, 16645-16656.	3.6	3
26	Six New neo-Clerodane Diterpenoids from Aerial Parts of <i>Scutellaria barbata</i> and Their Cytotoxic Activities. <i>Planta Medica</i> , 2018, 84, 1292-1299.	1.3	19
27	Pharmacokinetics of 16-dehydropregnenolone hydroxypropyl- β -cyclodextrin inclusion complex following peroral administration. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 218-228.	2.4	2
28	Evaluation of drug loading capabilities of β -cyclodextrin-metal organic frameworks by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1488, 37-44.	3.7	31
29	Pyrazinamide-induced hepatotoxicity is alleviated by 4-PBA via inhibition of the PERK-eIF2 α -ATF4-CHOP pathway. <i>Toxicology</i> , 2017, 378, 65-75.	4.2	31
30	Simultaneous determination of eight B-vitamins in rat intestinal perfusate to identify effects of osmotic pressures on absorptions. <i>Biomedical Chromatography</i> , 2017, 31, e3952.	1.7	1
31	Experimental Investigation for Pore Structure and CH ₄ Release Characteristics of Coal during Pulverization Process. <i>Energy & Fuels</i> , 2017, 31, 14357-14366.	5.1	30
32	Neoclerodane diterpenoids from aerial parts of <i>Scutellaria barbata</i> . <i>Phytochemistry Letters</i> , 2017, 19, 1-6.	1.2	12
33	Solvents effects on crystallinity and dissolution of β -artemether. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 372-378.	2.0	5
34	A comparison report of three advanced methods for drug-cyclodextrin interaction measurements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 252-258.	2.8	5
35	Quality evaluation of Shenmaidihuang Pills based on the chromatographic fingerprints and simultaneous determination of seven bioactive constituents. <i>Journal of Separation Science</i> , 2016, 39, 4557-4567.	2.5	16
36	Simultaneous determination of nineteen major active compounds in Qiangshen tablet by UPLC-ESI-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 519-527.	2.8	16

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37	Prediction of Rate Constant for Supramolecular Systems with Multiconfigurations. Journal of Physical Chemistry A, 2016, 120, 981-991.	2.5	3
38	Simultaneous high-throughput determination of interaction kinetics for drugs and cyclodextrins by high performance affinity chromatography with mass spectrometry detection. Analytica Chimica Acta, 2016, 909, 75-83.	5.4	8
39	An UPLC-MS/MS method for simultaneous quantitation of two coumarins and two flavonoids in rat plasma and its application to a pharmacokinetic study of Wikstroemia indica extract. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 139-145.	2.3	14
40	Pharmacokinetics and tissue distribution study of 16-dehydropregnenolone liposome in female mice after intravenous administration. Drug Delivery, 2016, 23, 2787-2795.	5.7	2
41	Based on Nucleotides Analysis of Tumor Cell Lines to Construct and Validate a Prediction Model of Mechanisms of Chemotherapeutics. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 568-578.	1.7	1
42	Development of high power transient electromagnetic field sensors. , 2015, , .		3
43	Bioactivity assay of porcine relaxin based on cAMP accumulation in THP-1 cells quantified by LC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2015, 111, 320-323.	2.8	1
44	Ultra high performance liquid chromatography with electrospray ionization tandem mass spectrometry coupled with hierarchical cluster analysis to evaluate Wikstroemia indica (L.) C. A. Mey. from different geographical regions. Journal of Separation Science, 2015, 38, 2093-2100.	2.5	8
45	Effects of antibiotic antitumor drugs on nucleotide levels in cultured tumor cells: an exploratory method to distinguish the mechanisms of antitumor drug action based on targeted metabolomics. Acta Pharmaceutica Sinica B, 2015, 5, 223-230.	12.0	7
46	Antineoplastic effects of deoxypodophyllotoxin, a potent cytotoxic agent of plant origin, on glioblastoma U-87 MG and SF126 cells. Pharmacological Reports, 2015, 67, 245-252.	3.3	30
47	Genome-Wide Identification of Small RNAs in Bifidobacterium animalis subsp. lactis KLDS 2.0603 and Their Regulation Role in the Adaption to Gastrointestinal Environment. PLoS ONE, 2015, 10, e0117373.	2.5	11
48	LC-based targeted metabolomics analysis of nucleotides and identification of biomarkers associated with chemotherapeutic drugs in cultured cell models. Anti-Cancer Drugs, 2014, 25, 690-703.	1.4	12
49	Multianalyte determination of the kinetic rate constants of drug-cyclodextrin supermolecules by high performance affinity chromatography. Journal of Chromatography A, 2014, 1359, 287-295.	3.7	8
50	Targeted metabolic analysis of nucleotides and identification of biomarkers associated with cancer in cultured cell models. Acta Pharmaceutica Sinica B, 2013, 3, 254-262.	12.0	18
51	Activation of ATM-Chk2 by 16-dehydropregnenolone induces G1 phase arrest and apoptosis in HeLa cells. Journal of Asian Natural Products Research, 2012, 14, 817-825.	1.4	6
52	Comparative pharmacokinetics of chlorogenic acid after oral administration in rats. Journal of Pharmaceutical Analysis, 2011, 1, 270-274.	5.3	31
53	Pharmacokinetic behavior of 16-dehydropregnenolone after intramuscular administration in rats. Journal of Pharmaceutical Analysis, 2011, 1, 135-138.	5.3	2
54	A Novel Keggin Tungstocobaltate Framework Supported by Copperbipyridyl Complexes: [Cu(I)(2,2') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1445-1450.	0.7	0

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55	Diosgenin Glucuronides from Solanum lyratum and their Cytotoxicity against Tumor Cell Lines. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 171-176.	1.4	19
56	Cytotoxic constituents from Solanum lyratum. Archives of Pharmacal Research, 2006, 29, 135-139.	6.3	28
57	Research on PD pattern recognition by extracting features from PD energy distribution. , 0, , .		1
58	Synthesis and antitumor activity of erysolin and its metabolites. Journal of Asian Natural Products Research, 0, , 1-10.	1.4	0