

Jian-Liang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

955
citations

471509

17
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Chinese herbal medicines with holistic approaches and integrated evaluation models. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 66-77.	11.4	148
2	Herbal medicine analysis by liquid chromatography/time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 7582-7594.	3.7	136
3	Characterization and identification of steroidal alkaloids in <i>Fritillaria</i> species using liquid chromatography coupled with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 7109-7122.	3.7	88
4	Site-Specific Fucosylation Analysis Identifying Glycoproteins Associated with Aggressive Prostate Cancer Cell Lines Using Tandem Affinity Enrichments of Intact Glycopeptides Followed by Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 7623-7630.	6.5	65
5	Development and validation of a liquid chromatography/electrospray ionization time-of-flight mass spectrometry method for relative and absolute quantification of steroidal alkaloids in <i>Fritillaria</i> species. <i>Journal of Chromatography A</i> , 2008, 1177, 126-137.	3.7	63
6	Structural characterization and identification of oleanane-type triterpene saponins in <i>Glycyrrhiza uralensis</i> Fischer by rapid-resolution liquid chromatography coupled with time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3261-3270.	1.5	57
7	Chemical markers™ fishing and knockout for holistic activity and interaction evaluation of the components in herbal medicines. <i>Journal of Chromatography A</i> , 2010, 1217, 5239-5245.	3.7	39
8	An in vitro approach for lipolysis measurement using high-resolution mass spectrometry and partial least squares based analysis. <i>Analytica Chimica Acta</i> , 2017, 950, 138-146.	5.4	31
9	Two-dimensional turbulent flow chromatography coupled on-line to liquid chromatography-mass spectrometry for solution-based ligand screening against multiple proteins. <i>Journal of Chromatography A</i> , 2009, 1216, 2394-2403.	3.7	28
10	Turbulent-flow chromatography coupled on-line to fast high-performance liquid chromatography and mass spectrometry for simultaneous determination of verticine, verticinone and isovericine in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 435-441.	2.3	27
11	Rapid and sensitive analysis of multiple bioactive constituents in Compound Danshen preparations using LC-ESI-TOF-MS. <i>Journal of Separation Science</i> , 2008, 31, 3156-3169.	2.5	25
12	Screening and mechanism study of components targeting DNA from the Chinese herb <i>Lonicera japonica</i> by liquid chromatography/mass spectrometry and fluorescence spectroscopy. <i>Biomedical Chromatography</i> , 2008, 22, 1164-1172.	1.7	22
13	A combination index and glycoproteomics-based approach revealed synergistic anticancer effects of curcuminoids of turmeric against prostate cancer PC3 cells. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113467.	4.1	22
14	Puqienine E: An angiotensin converting enzyme inhibitory steroidal alkaloid from <i>Fritillaria puqiensis</i> . <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 149-152.	2.2	20
15	A chemical derivatization based UHPLC-LTQ-Orbitrap mass spectrometry method for accurate quantification of short-chain fatty acids in bronchoalveolar lavage fluid of asthma mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 336-343.	2.8	20
16	Chemical markers™ knockout coupled with UHPLC-HRMS-based metabolomics reveals anti-cancer integration effects of the curcuminoids of turmeric (<i>Curcuma longa</i> L.) on lung cancer cell line. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112738.	2.8	18
17	Bioactivity-guided discovery of quality control markers in rhizomes of <i>Curcuma wenyujin</i> based on spectrum-effect relationship against human lung cancer cells. <i>Phytomedicine</i> , 2021, 86, 153559.	5.3	18
18	Mass Spectrometry-Based Strategies for Screening of Bioactive Natural Products. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 93-103.	1.1	17

#	ARTICLE	IF	CITATIONS
19	A readily ¹⁶ O/ ¹⁸ O-isotopically-paired chiral derivatization approach for the quantification of 2-HG metabolic panel by liquid chromatography-Tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1077, 174-182.	5.4	15
20	Comparison of three officinal species of <i>Callicarpa</i> based on a biochemome profiling strategy with UHPLC-IT-MS and chemometrics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 666-674.	2.8	14
21	Ammonium fluoride-induced stabilization for anion attachment mass spectrometry: Facilitating the pseudotargeted profiling of bile acids submetabolome. <i>Analytica Chimica Acta</i> , 2019, 1081, 120-130.	5.4	14
22	Discovery and validation of peptide biomarkers for discrimination of <i>Dendrobium</i> species by label-free proteomics and chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113118.	2.8	14
23	Fluorous-paired derivatization approach towards highly sensitive and accurate determination of long chain unsaturated fatty acids by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2020, 1136, 187-195.	5.4	10
24	Fingerprint Analysis of <i>Daturae Flos</i> Using Rapid Resolution Liquid Chromatography-Electrospray Ionization Mass Spectrometry Combined with Stoichiometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 137-142.	1.0	5
25	Chemical profiling of <i>Fritillariae thunbergii</i> Miq prepared by different processing methods reveals two new quality markers: Zhebeinoside and imperialine-3- ¹² -D-glucoside. <i>Journal of Ethnopharmacology</i> , 2022, 283, 114670.	4.1	1