

Hsiao-Wei Liao

List of Publications by Year in descending order

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30
papers

538
citations

687363

13
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid analysis of melamine in infant formula by sweeping-micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 8296-8303.	3.7	67
2	A pilot study of bevacizumab combined with etoposide and cisplatin in breast cancer patients with leptomeningeal carcinomatosis. <i>BMC Cancer</i> , 2015, 15, 299.	2.6	56
3	Development of a general method for quantifying IgG-based therapeutic monoclonal antibodies in human plasma using protein G purification coupled with a two internal standard calibration strategy using LC-MS/MS. <i>Analytica Chimica Acta</i> , 2018, 1019, 93-102.	5.4	50
4	Enhanced single-cell metabolomics by capillary electrophoresis electrospray ionization-mass spectrometry with field amplified sample injection. <i>Analytica Chimica Acta</i> , 2020, 1118, 36-43.	5.4	33
5	Analysis of Peptide Stereochemistry in Single Cells by Capillary Electrophoresis-“Trapped Ion Mobility Spectrometry Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 6205-6213.	6.5	33
6	Sensitive screening of abused drugs in dried blood samples using ultra-high-performance liquid chromatography-ion booster-quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1491, 57-66.	3.7	29
7	Rapid and sensitive determination of posaconazole in patient plasma by capillary electrophoresis with field-amplified sample stacking. <i>Journal of Chromatography A</i> , 2012, 1226, 48-54.	3.7	28
8	Using precursor ion scan of 184 with liquid chromatography-electrospray ionization-tandem mass spectrometry for concentration normalization in cellular lipidomic studies. <i>Analytica Chimica Acta</i> , 2017, 971, 68-77.	5.4	24
9	Using a postcolumn-infused internal standard for correcting the matrix effects of urine specimens in liquid chromatography-“electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1327, 97-104.	3.7	21
10	Estimation and Correction of the Blood Volume Variations of Dried Blood Spots Using a Postcolumn Infused-Internal Standard Strategy with LC-Electrospray Ionization-MS. <i>Analytical Chemistry</i> , 2016, 88, 6457-6464.	6.5	19
11	Using water plug-assisted analyte focusing by micelle collapse in combination with microemulsion electrokinetic chromatography for analyzing phthalate esters. <i>Journal of Chromatography A</i> , 2016, 1445, 149-157.	3.7	16
12	Identification of potential sphingomyelin markers for the estimation of hematocrit in dried blood spots via a lipidomic strategy. <i>Analytica Chimica Acta</i> , 2018, 1003, 34-41.	5.4	15
13	A matrix-induced ion suppression method to normalize concentration in urinary metabolomics studies using flow injection analysis electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 864, 21-29.	5.4	14
14	Improved Dried Blood Spot-Based Metabolomics Analysis by a Postcolumn Infused-Internal Standard Assisted Liquid Chromatography-Electrospray Ionization Mass Spectrometry Method. <i>Analytical Chemistry</i> , 2019, 91, 10702-10712.	6.5	14
15	Metabolomic Analysis of Complex Chinese Remedies: Examples of Induced Nephrotoxicity in the Mouse from a Series of Remedies Containing Aristolochic Acid. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	1.2	13
16	Quantification of target analytes in various biofluids using a postcolumn infused-internal standard method combined with matrix normalization factors in liquid chromatography-“electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1358, 85-92.	3.7	12
17	Quantification of endogenous metabolites by the postcolumn infused-internal standard method combined with matrix normalization factor in liquid chromatography-“electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1375, 62-68.	3.7	12
18	Development of a Postcolumn Infused-Internal Standard Liquid Chromatography Mass Spectrometry Method for Quantitative Metabolomics Studies. <i>Journal of Proteome Research</i> , 2017, 16, 1097-1104.	3.7	12

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19	Using the PCI-IS Method to Simultaneously Estimate Blood Volume and Quantify Nonvitamin K Antagonist Oral Anticoagulant Concentrations in Dried Blood Spots. <i>Analytical Chemistry</i> , 2020, 92, 2511-2518.	6.5	11
20	Metabolomic characterization of rhubarb species by capillary electrophoresis and ultra-high-pressure liquid chromatography. <i>Electrophoresis</i> , 2013, 34, 2918-2927.	2.4	10
21	Simultaneous detection of single nucleotide polymorphisms and copy number variations in the CYP2D6 gene by multiplex polymerase chain reaction combined with capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2013, 763, 67-75.	5.4	9
22	Using the Matrix-Induced Ion Suppression Method for Concentration Normalization in Cellular Metabolomics Studies. <i>Analytical Chemistry</i> , 2015, 87, 9731-9739.	6.5	8
23	Bioequivalence and in vitro antimicrobial activity between generic and brand-name levofloxacin. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 347-351.	1.8	7
24	Using post-column infused internal standard assisted quantitative metabolomics for establishing prediction models for breast cancer detection. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8581.	1.5	6
25	Development of an LC-MS/MS method to simultaneously quantify therapeutic mAbs and estimate hematocrit values in dried blood spot samples. <i>Analytica Chimica Acta</i> , 2021, 1189, 339231.	5.4	6
26	Rapid quantification of glutaminase 2 (GLS2)-related metabolites by HILIC-MS/MS. <i>Analytical Biochemistry</i> , 2017, 539, 39-44.	2.4	4
27	Post-column infused internal standard assisted lipidomics profiling strategy and its application on phosphatidylcholine research. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112956.	2.8	4
28	Discovery and quantification of Irgacure-907 in commercial cow milk by using untargeted liquid chromatography high-resolution mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2021, 97, 103762.	3.9	3
29	Untargeted Microbial Exometabolomics and Metabolomics Analysis of <i>Helicobacter pylori</i> J99 and jhp0106 Mutant. <i>Metabolites</i> , 2021, 11, 808.	2.9	2
30	Discovery of Natural Veterinary Herbal Medicine Products in Commercial Cow Milk by Using Nontargeted Profiling on LC-ESI-TOF Platform. <i>Food Analytical Methods</i> , 2022, 15, 868.	2.6	0