

Jes s E Quintanilla-L pez

List of Publications by Year in descending order

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50
papers

1,081
citations

471061

17
h-index

433756

31
g-index

50
all docs

50
docs citations

50
times ranked

1561
citing authors

#	ARTICLE	IF	CITATIONS
1	MALDI-TOF MS analysis of plant proanthocyanidins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 358-372.	1.4	163
2	In Vitro Fermentation of a Red Wine Extract by Human Gut Microbiota: Changes in Microbial Groups and Formation of Phenolic Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2136-2147.	2.4	157
3	The hold-up time in gas chromatography II. Validation of the estimation based on the concept of a zero carbon atoms alkane. <i>Journal of Chromatography A</i> , 1997, 767, 127-136.	1.8	51
4	Mass spectrometric characterization of glycated β -lactoglobulin peptides derived from galacto-oligosaccharides surviving the <i>in vitro</i> gastrointestinal digestion. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 927-937.	1.2	47
5	Characterization by the solvation parameter model of the retention properties of commercial ionic liquid columns for gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1326, 96-102.	1.8	41
6	Hold-up time in gas chromatography I. New approach to its estimation. <i>Journal of Chromatography A</i> , 1997, 760, 219-226.	1.8	38
7	Development of a new method for the enantiomer specific determination of HBCD using an ion trap mass spectrometer. <i>Analytica Chimica Acta</i> , 2007, 605, 53-60.	2.6	31
8	Feasibility of ultra-high performance liquid and gas chromatography coupled to mass spectrometry for accurate determination of primary and secondary phthalate metabolites in urine samples. <i>Analytica Chimica Acta</i> , 2015, 853, 625-636.	2.6	31
9	Fast and simultaneous determination of endocrine disrupting compounds by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 146, 326-334.	2.9	31
10	Proanthocyanidin Characterization and Bioactivity of Extracts from Different Parts of <i>Uncaria tomentosa</i> L. (Catá™s Claw). <i>Antioxidants</i> , 2017, 6, 12.	2.2	29
11	Polychlorinated biphenyls and their hydroxylated metabolites in placenta from Madrid mothers. <i>Environmental Science and Pollution Research</i> , 2012, 19, 139-147.	2.7	28
12	Development of a new method using HILIC-tandem mass spectrometry for the characterization of α -sialoglycopeptides from proteolytically digested caseinomacropptide. <i>Proteomics</i> , 2010, 10, 3699-3711.	1.3	26
13	Plasticisers and preservatives in commercial milk products: A comprehensive study on packages used in the Spanish market. <i>Food Chemistry</i> , 2021, 338, 128031.	4.2	24
14	Improving the sensitivity of liquid chromatography-tandem mass spectrometry analysis of hexabromocyclododecanes by chlorine adduct generation. <i>Journal of Chromatography A</i> , 2009, 1216, 3919-3926.	1.8	23
15	New equation for specific retention volumes in capillary column gas chromatography. <i>Journal of Chromatography A</i> , 1995, 697, 441-451.	1.8	22
16	Application of liquid chromatography-tandem mass spectrometry for the characterization of galactosylated and tagatosylated β -lactoglobulin peptides derived from <i>in vitro</i> gastrointestinal digestion. <i>Journal of Chromatography A</i> , 2009, 1216, 7205-7212.	1.8	20
17	Comparative study of clean-up and fractionation methods for the determination of organochlorine pesticides in lipids by gas chromatography. <i>Journal of Chromatography A</i> , 1992, 591, 303-311.	1.8	18
18	System constants of synthesized poly(methyl-3,3,3-trifluoropropyl) siloxanes. <i>Journal of Chromatography A</i> , 2005, 1100, 208-217.	1.8	17

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19	Transglycosylation of Steviol Glycosides and Rebaudioside A: Synthesis Optimization, Structural Analysis and Sensory Profiles. <i>Foods</i> , 2020, 9, 1753.	1.9	16
20	Application of the solvation parameter model to poly(methylcyanopropylsiloxane) stationary phases. <i>Journal of Chromatography A</i> , 2006, 1122, 230-241.	1.8	15
21	Detection of Two Minor Phosphorylation Sites for Bovine β -Casein Macropeptide by Reversed-Phase Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10848-10853.	2.4	15
22	Characterization of post-translationally modified peptides by hydrophilic interaction and reverse phase liquid chromatography coupled to quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1428, 202-211.	1.8	15
23	The effect of the trifluoropropyl group in polysiloxane stationary phases used for capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1993, 16, 721-724.	2.0	14
24	Hold-up time in gas chromatography. <i>Journal of Chromatography A</i> , 1998, 805, 161-168.	1.8	14
25	Improving the accuracy of Kovats TM retention indices in isothermal gas chromatography. <i>Journal of Chromatography A</i> , 2002, 945, 185-194.	1.8	14
26	The hold-up time in gas chromatography. <i>Journal of Chromatography A</i> , 1998, 803, 197-202.	1.8	13
27	A comprehensive profiling of sulfatides in myelin from mouse brain using liquid chromatography coupled to high-resolution accurate tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 951, 89-98.	2.6	12
28	High-Yield Synthesis of Transglycosylated Mogrosides Improves the Flavor Profile of Monk Fruit Extract Sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1011-1019.	2.4	12
29	Measuring specific retention volumes in capillary gas chromatography with improved accuracy and precision. <i>Journal of Chromatography A</i> , 1996, 721, 147-155.	1.8	11
30	Isothermal retention indices on poly(3,3,3-trifluoropropylmethylsiloxane) stationary phases. <i>Journal of Chromatography A</i> , 2007, 1160, 276-288.	1.8	10
31	Characterization and optimization by experimental design of a liquid chromatographic method for the separation of hydroxylated polychlorinated biphenyls on a polar-embedded stationary phase. <i>Journal of Chromatography A</i> , 2010, 1217, 7231-7241.	1.8	10
32	Prebiotic Potential of a New Sweetener Based on Galactooligosaccharides and Modified Mogrosides. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 9048-9056.	2.4	10
33	Hold-up time in gas chromatography. <i>Journal of Chromatography A</i> , 2000, 878, 125-135.	1.8	9
34	Evaluation of different hydrophilic stationary phases for the simultaneous determination of iminosugars and other low molecular weight carbohydrates in vegetable extracts by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1372, 81-90.	1.8	9
35	Analysis of iminosugars and other low molecular weight carbohydrates in <i>Aglaonema</i> sp. extracts by hydrophilic interaction liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1423, 104-110.	1.8	9
36	Isothermal retention indices on poly(3-cyanopropylmethylsiloxane) stationary phases. <i>Journal of Chromatography A</i> , 2009, 1216, 1630-1639.	1.8	8

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37	Selective linkage detection of <i>O</i> -sialoglycan isomers by negative electrospray ionization ion trap tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 885-893.	0.7	8
38	On the influence of column temperature on the isothermal retention indices of structurally different solutes on a poly(dimethylsiloxane) capillary column. <i>Journal of Chromatography A</i> , 2014, 1365, 204-211.	1.8	7
39	Congener-specific determination of hydroxylated polychlorinated biphenyls by polar-embedded reversed-phase liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1626, 461353.	1.8	7
40	Metal-catalyst-free gas-phase synthesis of long-chain hydrocarbons. <i>Nature Communications</i> , 2021, 12, 5937.	5.8	7
41	An accurate and easy procedure to obtain isothermal Kovats retention indices in gas chromatography. <i>Journal of Separation Science</i> , 2006, 29, 2785-2792.	1.3	6
42	Solvation molar enthalpies and heat capacities of n-alkanes and n-alkylbenzenes on stationary phases of wide-ranging polarity. <i>Journal of Chromatography A</i> , 2010, 1217, 7767-7775.	1.8	6
43	Direct quantification of inorganic iodine in seawater by mixed-mode liquid chromatography-electrospray ionization-mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1588, 99-107.	1.8	6
44	Behaviour of the isothermal retention indices of n-alkylbenzenes on stationary phases of different polarity. <i>Journal of Chromatography A</i> , 2012, 1222, 90-97.	1.8	5
45	Comprehensive evaluation of direct injection mass spectrometry for the quantitative profiling of volatiles in food samples. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150375.	1.6	5
46	Contact dermatitis caused by dimethyl fumarate in wallets. <i>Contact Dermatitis</i> , 2013, 68, 118-120.	0.8	4
47	Identification of Sialylated Oligosaccharides Derived from Ovine and Caprine Caseinomacropeptide by Graphitized Carbon Liquid Chromatography-Electrospray Ionization Ion Trap Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 814-825.	1.3	3
48	Factors Influencing the Isothermal Retention Indices of 51 Solute on 12 Stationary Phases of Different Polarity: Applicability of the Solvation Parameter Model. <i>Chromatographia</i> , 2015, 78, 1071-1081.	0.7	2
49	Insight into the retention processes of phthalate metabolites on different liquid chromatography stationary phases for the development of improved separation methods. <i>Journal of Chromatography A</i> , 2015, 1423, 86-95.	1.8	2
50	Retention Indices of 55 Solute Belonging to Eight Monofunctional Groups Homologous Series on 14 Chromatographic Capillary Columns. <i>Chromatographia</i> , 2010, 72, 511-522.	0.7	0