

Bruno Casetta

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

1,524
citations

20
h-index

39
g-index

40
ext. papers

1,640
ext. citations

3.6
avg, IF

3.75
L-index

#	Paper	IF	Citations
40	A new strategy implementing mass spectrometry in the diagnosis of congenital disorders of N-glycosylation (CDG). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 165-171	5.9	2
39	Development and validation of LC-MS/MS method for imatinib and norimatinib monitoring by finger-prick DBS in gastrointestinal stromal tumor patients. <i>PLoS ONE</i> , 2019 , 14, e0225225	3.7	9
38	Development of a fast LC-MS/MS protocol for combined measurement of six LSDs on dried blood spot in a newborn screening program. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 165, 135-140	3.5	2
37	Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. <i>Analytical Chemistry</i> , 2018 , 90, 6012-6019	7.8	22
36	Practical fluorimetric assay for the detection of anticancer drug SN-38 in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 159, 73-81	3.5	6
35	Analysis of organo-chlorine pesticides residue in raw coffee with a modified "quick easy cheap effective rugged and safe" extraction/clean up procedure for reducing the impact of caffeine on the gas chromatography-mass spectrometry measurement. <i>Journal of Chromatography A</i> , 2015 , 1376, 167-71	4.5	18
34	Screening of lysosomal storage disorders: application of the online trapping-and-cleanup liquid chromatography/mass spectrometry method for mucopolysaccharidosis I. <i>European Journal of Mass Spectrometry</i> , 2013 , 19, 497-503	1.1	5
33	High-throughput plasma docetaxel quantification by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2011 , 412, 358-64	6.2	26
32	Liquid chromatography tandem mass spectrometry assay for fast and sensitive quantification of estrone-sulfate. <i>Clinica Chimica Acta</i> , 2010 , 411, 574-80	6.2	18
31	Fast liquid chromatography-tandem mass spectrometry method for routine assessment of irinotecan metabolic phenotype. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 638-46	3.2	14
30	Setting up a 2D-LC/MS/MS method for the rapid quantitation of the prostanoid metabolites 6-oxo-PGF(1alpha) and TXB2 as markers for hemostasis assessment. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 346-52	2.2	11
29	A liquid chromatography-tandem mass spectrometry method for the simultaneous determination of exemestane and its metabolite 17-dihydroexemestane in human plasma. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 920-8	2.2	21
28	New strategy for the screening of lysosomal storage disorders: the use of the online trapping-and-cleanup liquid chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 6113-21	7.8	55
27	Second-tier test for quantification of alloisoleucine and branched-chain amino acids in dried blood spots to improve newborn screening for maple syrup urine disease (MSUD). <i>Clinical Chemistry</i> , 2008 , 54, 542-9	5.5	97
26	A rapid method for the quantification of the enantiomers of Warfarin, Phenprocoumon and Acenocoumarol by two-dimensional-enantioselective liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 850, 507-14	3.2	22
25	Implementing tandem mass spectrometry as a routine tool for characterizing the complete purine and pyrimidine metabolic profile in urine samples. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 1442-52	2.2	35
24	Falsely elevated C4-carnitine as expression of glutamate formiminotransferase deficiency in tandem mass spectrometry newborn screening. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 263-5	2.2	25

23	Inclusion of MPA and in a rapid multi-drug LC-tandem mass spectrometric method for simultaneous determination of immunosuppressants. <i>Clinica Chimica Acta</i> , 2006 , 373, 168-71	6.2	39
22	Proteomic analysis of high-density lipoprotein. <i>Proteomics</i> , 2006 , 6, 721-30	4.8	155
21	Some guidelines for the analysis of genomic DNA by PCR-LC-ESI-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2006 , 17, 124-9	3.5	16
20	A new method for determination of plasma homocystine by isotope dilution and electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 842, 64-9	3.2	11
19	Detection of DNA sequence variations in homo- and heterozygous samples via molecular mass measurements by electrospray ionization time-of-flight mass spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 4999-5008	7.8	36
18	Proteomics analysis of rat brain postsynaptic density. Implications of the diverse protein functional groups for the integration of synaptic physiology. <i>Journal of Biological Chemistry</i> , 2004 , 279, 987-1002	5.4	212
17	Improved specificity of newborn screening for congenital adrenal hyperplasia by second-tier steroid profiling using tandem mass spectrometry. <i>Clinical Chemistry</i> , 2004 , 50, 621-5	5.5	174
16	Simultaneous determination of four immunosuppressants by means of high speed and robust on-line solid phase extraction-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 805, 215-22	3.2	101
15	Rapid determination of orotic acid in urine by a fast liquid chromatography/tandem mass spectrometric method. <i>Rapid Communications in Mass Spectrometry</i> , 2003 , 17, 788-93	2.2	18
14	Mycobacterium tuberculosis chaperonin 10 is secreted in the macrophage phagosome: is secretion due to dissociation and adoption of a partially helical structure at the membrane?. <i>Journal of Bacteriology</i> , 2003 , 185, 4256-67	3.5	18
13	A comprehensive on-line digestion-liquid chromatography/mass spectrometry/collision-induced dissociation mass spectrometry approach for the characterization of human fibrinogen. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1383-90	2.2	13
12	A rapid and simple method for quantitation of urinary hydroxylysyl glycosides, indicators of collagen turnover, using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 2238-41	2.2	6
11	Study of β -cyclodextrin-ketoconazole-barbituric acid multicomponent non-covalent association by positive and negative ionspray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1998 , 33, 729-734	2.2	35
10	Multicomponent Non-covalent Associations of β -Cyclodextrin (ECD)-Drug Inclusion Complexes with Diethanolamine (DEA). Detection and Characterization of Gaseous Protonated 1:1:1 ECD-Drug-DEA Adducts by Ionspray Ionization and Tandem Mass Spectrometry. <i>Journal of Mass Spectrometry</i> , 1998 , 33, 1211-1219	2.2	14
9	Sulfamethazine, sulfothiazole and albendazole residue dosage in food products determined by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996 , 10, 1497-503	2.2	20
8	Analysis of linear oligogalacturonic acids by negative-ion electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 1572-5	2.2	5
7	HPLC/MS Application to Anthocyanins of <i>Vitis vinifera</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 2104-2109	5.7	115
6	Letter: Support for the proposed observation by ionspray mass spectrometry of piroxicam/ β -cyclodextrin and terfenadine/ β -cyclodextrin non-covalent inclusion complexes. <i>European Journal of Mass Spectrometry</i> , 1995 , 1, 105		11

5	Study of the salts with organic hydroxy acids of the terfenadine β -cyclodextrin inclusion complex in solution by ionspray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995 , 30, 219-220	2.2	16
4	Characterization of explosives by liquid chromatography/mass spectrometry and liquid chromatography/tandem mass spectrometry using electrospray ionization and parent-ion scanning techniques. <i>Organic Mass Spectrometry</i> , 1994 , 29, 517-525		40
3	A study of β -cyclodextrin and its inclusion complexes with piroxicam and terfenadine by ionspray mass spectrometry. <i>Organic Mass Spectrometry</i> , 1993 , 28, 983-986		26
2	High-mobility-group (HMG) proteins and histone H1 subtypes expression in normal and tumor tissues of mouse. <i>FEBS Journal</i> , 1993 , 213, 825-32		51
1	Characterization of phospho-proteins in bovine and buffalo caseins using atmospheric pressure ionization mass spectrometry. <i>Organic Mass Spectrometry</i> , 1992 , 27, 211-214		4