

Bruno Casetta

List of Publications by Citations

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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 | 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 |
| 39 | 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 |
| 38 | Proteomic analysis of high-density lipoprotein. <i>Proteomics</i> , 2006 , 6, 721-30 | 4.8 | 155 |
| 37 | 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 |
| 36 | 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 , 827, 215-22 | 3.2 | 101 |
| 35 | 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 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | Study of β -cyclodextrin β -itraconazole β -tartaric 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 |
| 28 | 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 |
| 27 | High-throughput plasma docetaxel quantification by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2011 , 412, 358-64 | 6.2 | 26 |
| 26 | 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 |
| 25 | 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 |
| 24 | Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. <i>Analytical Chemistry</i> , 2018 , 90, 6012-6019 | 7.8 | 22 |

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| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | Study of the salts with organic hydroxy acids of the terfenadine Cyclodextrin inclusion complex in solution by ionspray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995 , 30, 219-220 | 2.2 | 16 |
| 14 | 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 |
| 13 | Multicomponent Non-covalent Associations of 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> , 1996 , 31, 1364-1370 | 2.2 | 14 |
| 12 | 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 |
| 11 | Setting up a 2D-LC/MS/MS method for the rapid quantitation of the prostanoid metabolites 6-oxo-PGF(1 α) and TXB ₂ as markers for hemostasis assessment. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 346-52 | 2.2 | 11 |
| 10 | 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 |
| 9 | Letter: Support for the proposed observation by ionspray mass spectrometry of piroxicam/Cyclodextrin and terfenadine/Cyclodextrin non-covalent inclusion complexes. <i>European Journal of Mass Spectrometry</i> , 1995 , 1, 105 | | 11 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |

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| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 |