

# Bruno Casetta

## List of Publications by Year in descending order

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40  
papers

1,741  
citations

361045

20  
h-index

301761

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics Analysis of Rat Brain Postsynaptic Density. <i>Journal of Biological Chemistry</i> , 2004, 279, 987-1002.	1.6	245
2	Improved Specificity of Newborn Screening for Congenital Adrenal Hyperplasia by Second-Tier Steroid Profiling Using Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2004, 50, 621-625.	1.5	207
3	Proteomic analysis of high-density lipoprotein. <i>Proteomics</i> , 2006, 6, 721-730.	1.3	169
4	HPLC/MS Application to Anthocyanins of <i>Vitis vinifera</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 2104-2109.	2.4	132
5	Simultaneous determination of four immunosuppressants by means of high speed and robust on-line solid phase extractionâ€“high performance liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 805, 215-222.	1.2	115
6	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, 542-549.	1.5	114
7	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, 6113-6121.	3.2	65
8	High-mobility-group (HMG) proteins and histone H1 subtypes expression in normal and tumor tissues of mouse. <i>FEBS Journal</i> , 1993, 213, 825-832.	0.2	53
9	Inclusion of MPA and in a rapid multi-drug LCâ€“tandem mass spectrometric method for simultaneous determination of immunosuppressants. <i>Clinica Chimica Acta</i> , 2006, 373, 168-171.	0.5	45
10	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.	1.3	42
11	Study of $\beta$ -cyclodextrin-ketoconazole-tartaric acid multicomponent non-covalent association by positive and negative ionspray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1998, 33, 729-734.	0.7	37
12	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.	3.2	37
13	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, 1442-1452.	0.7	36
14	Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. <i>Analytical Chemistry</i> , 2018, 90, 6012-6019.	3.2	33
15	A study of $\beta$ -cyclodextrin and its inclusion complexes with piroxicam and terfenadine by ionspray mass spectrometry. <i>Organic Mass Spectrometry</i> , 1993, 28, 983-986.	1.3	29
16	High-throughput plasma docetaxel quantification by liquid chromatographyâ€“tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2011, 412, 358-364.	0.5	29
17	Falsely elevated C4-carnitine as expression of glutamate formiminotransferase deficiency in tandem mass spectrometry newborn screening. <i>Journal of Mass Spectrometry</i> , 2006, 41, 263-265.	0.7	28
18	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, 507-514.	1.2	24

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19	A liquid chromatography-tandem mass spectrometry method for the simultaneous determination of exemestane and its metabolite 17 $\alpha$ -dihydroexemestane in human plasma. <i>Journal of Mass Spectrometry</i> , 2009, 44, 920-928.	0.7	24
20	Liquid chromatography tandem mass spectrometry assay for fast and sensitive quantification of estrone-sulfate. <i>Clinica Chimica Acta</i> , 2010, 411, 574-580.	0.5	22
21	Sulfamethazine, Sulfothiazole and Albendazole Residue Dosage in Food Products Determined by Liquid Chromatography/Tandem Mass Spectrometry. , 1996, 10, 1497-1503.		21
22	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.	1.1	21
23	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, 4256-4267.	1.0	20
24	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, 167-171.	1.8	20
25	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, 788-793.	0.7	19
26	Study of the salts with organic hydroxy acids of the terfenadine $\beta$ -cyclodextrin inclusion complex in solution by ionspray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 219-220.	0.7	18
27	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, 124-129.	1.2	18
28	Multicomponent Non-covalent Associations of $\beta$ -Cyclodextrin ( $\beta$ -CD)-Drug Inclusion Complexes with Diethanolamine (DEA). Detection and Characterization of Gaseous Protonated 1:1:1 $\beta$ -CD-Drug-DEA Adducts by Ionspray Ionization and Tandem Mass Spectrometry. <i>Journal of Mass Spectrometry</i> , 1996, 31, 1364-1370.	0.7	16
29	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, 1383-1390.	0.7	15
30	Fast Liquid Chromatography-Tandem Mass Spectrometry Method for Routine Assessment of Irinotecan Metabolic Phenotype. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 638-646.	1.0	14
31	Letter: Support for the proposed observation by ionspray mass spectrometry of piroxicam/ $\beta$ -cyclodextrin and terfenadine/ $\beta$ cyclodextrin non-covalent inclusion complexes. <i>European Journal of Mass Spectrometry</i> , 1995, 1, 105.	0.7	12
32	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, 64-69.	1.2	12
33	Setting up a 2D-LC/MS/MS method for the rapid quantitation of the prostanoid metabolites 6-keto-PGF <sub>1<math>\alpha</math></sub> and TXB <sub>2</sub> as markers for hemostasis assessment. <i>Journal of Mass Spectrometry</i> , 2009, 44, 346-352.	0.7	12
34	A rapid and simple method for quantitation of urinary hydroxylslyl glycosides, indicators of collagen turnover, using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2238-2241.	0.7	7
35	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.	1.4	7
36	Characterization of phospho-proteins in bovine and buffalo caseins using atmospheric pressure ionization mass spectrometry. <i>Organic Mass Spectrometry</i> , 1992, 27, 211-214.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Analysis of linear oligogalacturonic acids by negative-ion electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 1572-1575.	0.7	5
38	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.	0.5	5
39	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.	1.4	4
40	A new strategy implementing mass spectrometry in the diagnosis of congenital disorders of N-glycosylation (CDG). <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 165-171.	1.4	4