

# Clara Ibañez

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,502  
citations

304602

22  
h-index

434063

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Predictive Model of Alzheimer's Disease Progression Using Capillary Electrophoresis-Mass Spectrometry Metabolomics. <i>Analytical Chemistry</i> , 2012, 84, 8532-8540.	3.2	152
2	Global Foodomics strategy to investigate the health benefits of dietary constituents. <i>Journal of Chromatography A</i> , 2012, 1248, 139-153.	1.8	107
3	Metabolomics, peptidomics and proteomics applications of capillary electrophoresis-mass spectrometry in Foodomics: A review. <i>Analytica Chimica Acta</i> , 2013, 802, 1-13.	2.6	97
4	A new metabolomic workflow for early detection of Alzheimer's disease. <i>Journal of Chromatography A</i> , 2013, 1302, 65-71.	1.8	83
5	CE/LC-MS multiplatform for broad metabolomic analysis of dietary polyphenols effect on colon cancer cells proliferation. <i>Electrophoresis</i> , 2012, 33, 2328-2336.	1.3	82
6	Metabolomics of Genetically Modified Crops. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18941-18966.	1.8	81
7	Novel MS-based approaches and applications in food metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 100-111.	5.8	80
8	The role of direct high-resolution mass spectrometry in foodomics. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6275-6287.	1.9	63
9	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2016, 37, 111-141.	1.3	62
10	Analysis of chiral amino acids in cerebrospinal fluid samples linked to different stages of Alzheimer disease. <i>Electrophoresis</i> , 2011, 32, 2757-2764.	1.3	61
11	Faecal Metabolomic Fingerprint after Moderate Consumption of Red Wine by Healthy Subjects. <i>Journal of Proteome Research</i> , 2015, 14, 897-905.	1.8	59
12	A fully automated method for simultaneous determination of aflatoxins and ochratoxin A in dried fruits by pressurized liquid extraction and online solid-phase extraction cleanup coupled to ultra-high-pressure liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2899-2911.	1.9	57
13	Recent transcriptomics advances and emerging applications in food science. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 142-154.	5.8	54
14	Comprehensive Foodomics Study on the Mechanisms Operating at Various Molecular Levels in Cancer Cells in Response to Individual Rosemary Polyphenols. <i>Analytical Chemistry</i> , 2014, 86, 9807-9815.	3.2	54
15	Effect of dietary polyphenols on K562 leukemia cells: A Foodomics approach. <i>Electrophoresis</i> , 2012, 33, 2314-2327.	1.3	51
16	Is metabolomics reachable? Different purification strategies of human colon cancer cells provide different CE-MS metabolite profiles. <i>Electrophoresis</i> , 2011, 32, 1765-1777.	1.3	44
17	Foodomics strategies for the analysis of transgenic foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 2-15.	5.8	44
18	Anionic metabolite profiling by capillary electrophoresis-mass spectrometry using a noncovalent polymeric coating. Orange juice and wine as case studies. <i>Journal of Chromatography A</i> , 2016, 1428, 326-335.	1.8	42

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19	Lipidomics Insights in Health and Nutritional Intervention Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7827-7842.	2.4	37
20	Metabolomics of adherent mammalian cells by capillary electrophoresis-mass spectrometry: HT-29 cells as case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 110, 83-92.	1.4	30
21	GC-MS based metabolomics of colon cancer cells using different extraction solvents. <i>Analytica Chimica Acta</i> , 2017, 986, 48-56.	2.6	28
22	An Ultrahigh-Performance Liquid Chromatography–Time-of-Flight Mass Spectrometry Metabolomic Approach to Studying the Impact of Moderate Red-Wine Consumption on Urinary Metabolome. <i>Journal of Proteome Research</i> , 2018, 17, 1624-1635.	1.8	26
23	Recent Advances and Applications of Metabolomics to Investigate Neurodegenerative Diseases. <i>International Review of Neurobiology</i> , 2015, 122, 95-132.	0.9	18
24	A Foodomics Approach: CE-MS for Comparative Metabolomics of Colon Cancer Cells Treated with Dietary Polyphenols. <i>Methods in Molecular Biology</i> , 2012, 869, 185-195.	0.4	17
25	Comparative genomic analysis of <i>Saccharomyces cerevisiae</i> yeasts isolated from fermentations of traditional beverages unveils different adaptive strategies. <i>International Journal of Food Microbiology</i> , 2014, 171, 129-135.	2.1	16
26	Decreased Cerebrospinal Fluid Levels of L-Carnitine in Non-Apolipoprotein E4 Carriers at Early Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 223-232.	1.2	13
27	Potential of prodendronic polyamines with modulated segmental charge density as novel coating for fast and efficient analysis of peptides and basic proteins by CE and CE–MS. <i>Electrophoresis</i> , 2015, 36, 1564-1571.	1.3	11
28	Capillary Electrophoresis in Food and Foodomics. <i>Methods in Molecular Biology</i> , 2016, 1483, 471-507.	0.4	11
29	RNAseq-based transcriptome comparison of <i>Saccharomyces cerevisiae</i> strains isolated from diverse fermentative environments. <i>International Journal of Food Microbiology</i> , 2017, 257, 262-270.	2.1	11
30	Metabolomics in Alzheimer's disease research. <i>Electrophoresis</i> , 2013, 34, 2799-2811.	1.3	8
31	Metabolomics in the Study of Alzheimer's Disease. <i>Comprehensive Analytical Chemistry</i> , 2014, 64, 249-278.	0.7	2
32	CE-MS in Food Analysis and Foodomics. , 0, , 193-215.		0