

Clara Ibaez

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.

33
papers

1,260
citations

21
h-index

33
g-index

33
ext. papers

1,379
ext. citations

5.4
avg, IF

4.32
L-index

#	Paper	IF	Citations
33	Toward a predictive model of Alzheimer's disease progression using capillary electrophoresis-mass spectrometry metabolomics. <i>Analytical Chemistry</i> , 2012 , 84, 8532-40	7.8	120
32	Global Foodomics strategy to investigate the health benefits of dietary constituents. <i>Journal of Chromatography A</i> , 2012 , 1248, 139-53	4.5	96
31	Metabolomics, peptidomics and proteomics applications of capillary electrophoresis-mass spectrometry in Foodomics: a review. <i>Analytica Chimica Acta</i> , 2013 , 802, 1-13	6.6	80
30	CE/LC-MS multiplatform for broad metabolomic analysis of dietary polyphenols effect on colon cancer cells proliferation. <i>Electrophoresis</i> , 2012 , 33, 2328-36	3.6	73
29	Novel MS-based approaches and applications in food metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 52, 100-111	14.6	68
28	A new metabolomic workflow for early detection of Alzheimer's disease. <i>Journal of Chromatography A</i> , 2013 , 1302, 65-71	4.5	67
27	Metabolomics of genetically modified crops. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 18941666	6.6	63
26	The role of direct high-resolution mass spectrometry in foodomics. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6275-87	4.4	60
25	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2016 , 37, 111-41	3.6	59
24	Analysis of chiral amino acids in cerebrospinal fluid samples linked to different stages of Alzheimer disease. <i>Electrophoresis</i> , 2011 , 32, 2757-64	3.6	51
23	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, 9807-15	7.8	48
22	Faecal metabolomic fingerprint after moderate consumption of red wine by healthy subjects. <i>Journal of Proteome Research</i> , 2015 , 14, 897-905	5.6	48
21	Effect of dietary polyphenols on K562 leukemia cells: a Foodomics approach. <i>Electrophoresis</i> , 2012 , 33, 2314-27	3.6	46
20	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, 2899-911	4.4	45
19	Recent transcriptomics advances and emerging applications in food science. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 52, 142-154	14.6	44
18	Is metabolomics reachable? Different purification strategies of human colon cancer cells provide different CE-MS metabolite profiles. <i>Electrophoresis</i> , 2011 , 32, 1765-77	3.6	42
17	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	4.5	39

16	Foodomics strategies for the analysis of transgenic foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 52, 2-15	14.6	39
15	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	3.5	26
14	GC-MS based metabolomics of colon cancer cells using different extraction solvents. <i>Analytica Chimica Acta</i> , 2017 , 986, 48-56	6.6	26
13	Lipidomics Insights in Health and Nutritional Intervention Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7827-7842	5.7	24
12	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	5.6	16
11	A Foodomics approach: CE-MS for comparative metabolomics of colon cancer cells treated with dietary polyphenols. <i>Methods in Molecular Biology</i> , 2012 , 869, 185-95	1.4	16
10	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, 129-35	5.8	15
9	Recent advances and applications of metabolomics to investigate neurodegenerative diseases. <i>International Review of Neurobiology</i> , 2015 , 122, 95-132	4.4	12
8	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, 1564-71	3.6	11
7	Capillary Electrophoresis in Food and Foodomics. <i>Methods in Molecular Biology</i> , 2016 , 1483, 471-507	1.4	10
6	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	5.8	7
5	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, 223-32	4.3	4
4	Metabolomics in Alzheimer's disease research. <i>Electrophoresis</i> , 2013 , 34, n/a-n/a	3.6	3
3	Ms-Based Metabolomics in Nutrition and Health Research 2013 , 245-270		1
2	Metabolomics in the Study of Alzheimer's Disease. <i>Comprehensive Analytical Chemistry</i> , 2014 , 64, 249-278.9		1
1	CE-MS in Food Analysis and Foodomics 2016 , 193-215		