

Clara Ibañez

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,509
citations

304743

22
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic instability in an interspecific hybrid of the genus <i>Saccharomyces</i> : a matter of adaptability. <i>Microbial Genomics</i> , 2020, 6, .	2.0	5
2	GC-MS based metabolomics of colon cancer cells using different extraction solvents. <i>Analytica Chimica Acta</i> , 2017, 986, 48-56.	5.4	28
3	Lipidomics Insights in Health and Nutritional Intervention Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7827-7842.	5.2	37
4	Capillary Electrophoresis in Food and Foodomics. <i>Methods in Molecular Biology</i> , 2016, 1483, 471-507.	0.9	11
5	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2016, 37, 111-141.	2.4	62
6	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.	3.7	42
7	Faecal Metabolomic Fingerprint after Moderate Consumption of Red Wine by Healthy Subjects. <i>Journal of Proteome Research</i> , 2015, 14, 897-905.	3.7	59
8	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.	3.7	57
9	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.	2.8	30
10	Recent Advances and Applications of Metabolomics to Investigate Neurodegenerative Diseases. <i>International Review of Neurobiology</i> , 2015, 122, 95-132.	2.0	18
11	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.	2.4	11
12	The role of direct high-resolution mass spectrometry in foodomics. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6275-6287.	3.7	63
13	Molecular Analysis of the Genes Involved in Aroma Synthesis in the Species <i>S. cerevisiae</i> , <i>S. kudriavzevii</i> and <i>S. bayanus</i> var. <i>uvarum</i> in Winemaking Conditions. <i>PLoS ONE</i> , 2014, 9, e97626.	2.5	30
14	Profiling of Genetically Modified Organisms Using Omics Technologies. <i>Comprehensive Analytical Chemistry</i> , 2014, , 349-373.	1.3	4
15	Emerging RNA-Seq Applications in Food Science. <i>Comprehensive Analytical Chemistry</i> , 2014, , 107-128.	1.3	2
16	Metabolomics in the Study of Alzheimer's Disease. <i>Comprehensive Analytical Chemistry</i> , 2014, 64, 249-278.	1.3	2
17	Metabolomics of Genetically Modified Crops. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18941-18966.	4.1	81
18	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.	2.6	13

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19	Direct Mass Spectrometry-Based Approaches in Metabolomics. Comprehensive Analytical Chemistry, 2014, , 235-253.	1.3	3
20	Comparative genomic analysis of Saccharomyces cerevisiae yeasts isolated from fermentations of traditional beverages unveils different adaptive strategies. International Journal of Food Microbiology, 2014, 171, 129-135.	4.7	16
21	Comprehensive Foodomics Study on the Mechanisms Operating at Various Molecular Levels in Cancer Cells in Response to Individual Rosemary Polyphenols. Analytical Chemistry, 2014, 86, 9807-9815.	6.5	54
22	Metabolomics, peptidomics and proteomics applications of capillary electrophoresis-mass spectrometry in Foodomics: A review. Analytica Chimica Acta, 2013, 802, 1-13.	5.4	97
23	Foodomics strategies for the analysis of transgenic foods. TrAC - Trends in Analytical Chemistry, 2013, 52, 2-15.	11.4	44
24	Recent transcriptomics advances and emerging applications in food science. TrAC - Trends in Analytical Chemistry, 2013, 52, 142-154.	11.4	54
25	Metabolomics in Alzheimer's disease research. Electrophoresis, 2013, 34, 2799-2811.	2.4	8
26	A new metabolomic workflow for early detection of Alzheimer's disease. Journal of Chromatography A, 2013, 1302, 65-71.	3.7	83
27	Novel MS-based approaches and applications in food metabolomics. TrAC - Trends in Analytical Chemistry, 2013, 52, 100-111.	11.4	80
28	Toward a Predictive Model of Alzheimer's Disease Progression Using Capillary Electrophoresis-Mass Spectrometry Metabolomics. Analytical Chemistry, 2012, 84, 8532-8540.	6.5	152
29	Global Foodomics strategy to investigate the health benefits of dietary constituents. Journal of Chromatography A, 2012, 1248, 139-153.	3.7	107
30	Effect of dietary polyphenols on K562 leukemia cells: A Foodomics approach. Electrophoresis, 2012, 33, 2314-2327.	2.4	51
31	CE/LC-MS multiplatform for broad metabolomic analysis of dietary polyphenols effect on colon cancer cells proliferation. Electrophoresis, 2012, 33, 2328-2336.	2.4	82
32	A Foodomics Approach: CE-MS for Comparative Metabolomics of Colon Cancer Cells Treated with Dietary Polyphenols. Methods in Molecular Biology, 2012, 869, 185-195.	0.9	17
33	Is metabolomics reachable? Different purification strategies of human colon cancer cells provide different CE-MS metabolite profiles. Electrophoresis, 2011, 32, 1765-1777.	2.4	44
34	Analysis of chiral amino acids in cerebrospinal fluid samples linked to different stages of Alzheimer disease. Electrophoresis, 2011, 32, 2757-2764.	2.4	61