Rosana M Alberici

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9567658/publications.pdf

Version: 2024-02-01

38 papers	1,125 citations	361413 20 h-index	395702 33 g-index
38 all docs	38 docs citations	38 times ranked	1194 citing authors

#	Article	IF	Citations
1	Ambient mass spectrometry: bringing MS into the â€œreal worldâ€• Analytical and Bioanalytical Chemistry, 2010, 398, 265-294.	3.7	301
2	Instantaneous characterization of vegetable oils via TAG and FFA profiles by easy ambient sonic-spray ionization mass spectrometry. Analyst, The, 2010, 135, 738.	3.5	74
3	Water solubilization of ethanol and BTEX from gasoline: on-line monitoring by membrane introduction mass spectrometry. Analyst, The, 2002, 127, 230-234.	3.5	52
4	Analysis of fuels via easy ambient sonic-spray ionization mass spectrometry. Analytica Chimica Acta, 2010, 659, 15-22.	5.4	50
5	Rapid fingerprinting of sterols and related compounds in vegetable and animal oils and phytosterol enriched- margarines by transmission mode direct analysis in real time mass spectrometry. Food Chemistry, 2016, 211, 661-668.	8.2	44
6	Mass spectrometry on-line monitoring and MS2 product characterization of TiO2/UV photocatalytic degradation of chlorinated volatile organic compounds. Journal of the American Society for Mass Spectrometry, 1998, 9, 1321-1327.	2.8	41
7	Selective Trace Level Analysis of Phenolic Compounds in Water by Flow Injection Analysisâ€"Membrane Introduction Mass Spectrometry. Environmental Science & Technology, 2001, 35, 2084-2088.	10.0	35
8	A Highly Effective Antioxidant and Artificial Marker for Biodiesel. Energy & Fuels, 2010, 24, 6522-6526.	5.1	31
9	Direct characterization of commercial lecithins by easy ambient sonic-spray ionization mass spectrometry. Food Chemistry, 2012, 135, 1855-1860.	8.2	31
10	Food quality and authenticity screening via easy ambient sonic-spray ionization mass spectrometry. Analyst, The, 2016, 141, 1172-1184.	3.5	31
11	Easy mass spectrometry for metabolomics and quality control of vegetable and animal fats. European Journal of Lipid Science and Technology, 2010, 112, 434-438.	1.5	27
12	Triacylglycerols Oxidation in Oils and Fats Monitored by Easy Ambient Sonicâ€Spray Ionization Mass Spectrometry. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 1193-1200.	1.9	27
13	Celebrating 10 years of easy ambient sonic-spray ionization. TrAC - Trends in Analytical Chemistry, 2017, 90, 135-141.	11.4	27
14	Intact triacylglycerol profiles of fats and meats via thermal imprinting easy ambient sonic-spray ionization mass spectrometry. Analytical Methods, 2012, 4, 3551.	2.7	26
15	Brazil Nut Oil: Quality Control via Triacylglycerol Profiles Provided by Easy Ambient Sonic-Spray Ionization Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2012, 60, 11263-11267.	5.2	25
16	TAG Profiles of Jatropha curcas L. Seed Oil by Easy Ambient Sonicâ€Spray Ionization Mass Spectrometry. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 67-71.	1.9	24
17	High throughput MS techniques for caviar lipidomics. Analytical Methods, 2014, 6, 2436.	2.7	24
18	Distinct hepatic lipid profile of hypertriglyceridemic mice determined by easy ambient sonic-spray ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 401, 1651-1659.	3.7	23

#	Article	IF	Citations
19	Free and Total Glycerin in Biodiesel: Accurate Quantitation by Easy Ambient Sonic-Spray Ionization Mass Spectrometry. Energy & Fuels, 2012, 26, 3042-3047.	5.1	23
20	Used Frying Oil: A Proper Feedstock for Biodiesel Production?. Bioenergy Research, 2012, 5, 1002-1008.	3.9	22
21	Polyetherimideâ€“silicone: a 10 Î¼m ultrathin composite membrane for faster and more sensitive membrane introduction mass spectrometry analysis. Analytical Communications, 1999, 36, 221-223.	2.2	21
22	Easy ambient sonic-spray ionization mass spectrometry for tissue imaging. Analytical Methods, 2017, 9, 5029-5036.	2.7	19
23	Quantitation of triacylglycerols in vegetable oils and fats by easy ambient sonic-spray ionization mass spectrometry. Analytical Methods, 2013, 5, 6969.	2.7	18
24	Unsaturation levels in biodiesel via easy ambient sonic-spray ionization mass spectrometry. Fuel, 2014, 128, 99-103.	6.4	15
25	Ambient sonicâ€spray ionization mass spectrometry for rapid monitoring of secondary oxidation products in biodiesel. European Journal of Lipid Science and Technology, 2014, 116, 952-960.	1.5	15
26	Quantitation and Quality Control of Biodiesel/Petrodiesel (Bn) Blends by Easy Ambient Sonic-Spray Ionization Mass Spectrometry. Energy & Fuels, 2012, 26, 7018-7022.	5.1	14
27	Chemical Characterization of Jatropha curcas L. Seed Oil and Its Biodiesel by Ambient Desorption/Ionization Mass Spectrometry. Energy & Fuels, 2015, 29, 3096-3103.	5.1	10
28	Microplasma Ionization of Volatile Organics for Improving Air/Water Monitoring Systems On-Board the International Space Station. Journal of the American Society for Mass Spectrometry, 2016, 27, 1203-1210.	2.8	10
29	Quantitation of trace phenolic compounds in water by trapâ€andâ€release membrane introduction mass spectrometry after acetylation. Rapid Communications in Mass Spectrometry, 2008, 22, 4105-4108.	1.5	9
30	Biodiesel Oxidation Monitored by Ambient Desorption/Ionization Mass Spectrometry. Energy & Fuels, 2013, 27, 7455-7459.	5.1	9
31	Assessing the Metabolic Impact of Ground Chia Seed in Overweight and Obese Prepubescent Children: Results of a Double-Blind Randomized Clinical Trial. Journal of Medicinal Food, 2020, 23, 224-232.	1.5	9
32	Administration of a murine diet supplemented with conjugated linoleic acid increases the expression and activity of hepatic uncoupling proteins. Journal of Bioenergetics and Biomembranes, 2012, 44, 587-596.	2.3	8
33	Natural and artificial markers of gasoline detected by membrane introduction mass spectrometry. Analytical Methods, 2011, 3, 751.	2.7	7
34	Desorption/ionization efficiencies of triacylglycerols and phospholipids via EASIâ€MS. Journal of Mass Spectrometry, 2014, 49, 335-341.	1.6	7
35	Wood chemotaxonomy via ESI-MS profiles of phytochemical markers: the challenging case of African versus Brazilian mahogany woods. Analytical Methods, 2015, 7, 8576-8583.	2.7	7
36	A Screening Method to Evaluate Soybean Oilâ€Based Biodiesel Oxidative Quality During Its Shelf Life. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 967-974.	1.9	5

#	Article	IF	Citations
37	Using the L/O ratio to determine blend composition in biodiesel by EASI-MS corroborated by GC-FID and GC-MS. Analytical Methods, 2016, 8, 682-687.	2.7	2
38	Easy Ambient Sonic-Spray Ionization Mass Spectrometry: An Alternative Method to Quantify Organic Impurities in Biodiesel. Journal of ASTM International, 2012, 9, 1-8.	0.2	2