Carmen Palermo

List of Publications by Year
in descending order

45 papers	1,060 citations	361045 20 h-index	414034 32 g-index
45 all docs	45 docs citations	45 times ranked	1623 citing authors

#	Article	IF	Citations
1	An interference free amperometric biosensor for the detection of biogenic amines in food products. Biosensors and Bioelectronics, 2007, 23, 640-647.	5.3	108
2	Determination of aflatoxins in cereal flours by solid-phase microextraction coupled with liquid chromatography and post-column photochemical derivatization-fluorescence detection. Journal of Chromatography A, 2009, 1216, 8636-8641.	1.8	80
3	Urine protein profile of IgA nephropathy patients may predict the response to ACEâ€inhibitor therapy. Proteomics, 2008, 8, 206-216.	1.3	79
4	Validation according to European Commission Decision 2002/657/EC of a confirmatory method for aflatoxin M1 in milk based on immunoaffinity columns and high performance liquid chromatography with fluorescence detection. Analytica Chimica Acta, 2007, 594, 257-264.	2.6	71
5	Survey of total mercury and methylmercury levels in edible fish from the Adriatic Sea. Food Additives and Contaminants, 2003, 20, 1114-1119.	2.0	54
6	Development of a new analytical method for the determination of sulfites in fresh meats and shrimps by ion-exchange chromatography with conductivity detection. Analytica Chimica Acta, 2010, 672, 61-65.	2.6	41
7	A multiresidual method based on ion-exchange chromatography with conductivity detection for the determination of biogenic amines in food and beverages. Analytical and Bioanalytical Chemistry, 2013, 405, 1015-1023.	1.9	41
8	Validation of a confirmatory analytical method for the determination of aflatoxins B1, B2, G1and G2in foods and feed materials by HPLC with on-line photochemical derivatization and fluorescence detection. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 1402-1410.	1.1	34
9	Multi-residue method for the determination of organochlorine pesticides in fish feed based on a cleanup approach followed by gas chromatographyâ€“triple quadrupole tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 4996-5003.	1.8	33
10	Development of a new analytical method for the determination of fumonisins B1 and B2 in food products based on high performance liquid chromatography and fluorimetric detection with post-column derivatization. Journal of Chromatography A, 2008, 1203, 88-93.	1.8	32
11	Simultaneous determination of twelve dyes in meat products: Development and validation of an analytical method based on HPLC-UV-diode array detection. Food Chemistry, 2019, 285, 1-9.	4.2	32
12	Differential Expression of Durum Wheat Gluten Proteome under Water Stress during Grain Filling. Journal of Agricultural and Food Chemistry, 2015, 63, 6501-6512.	2.4	31
13	Role of indigenous enzymes in proteolysis of casein in caprine milk. International Dairy Journal, 2009, 19, 655-660.	1.5	30
14	Milk authenticity by ion-trap proteomics following multi-enzyme digestion. Food Chemistry, 2018, 244, 317-323.	4.2	30
15	Measurement of Histamine in Seafood by HPLC, CE, and ELISA: Comparison of Three Techniques. Veterinary Research Communications, 2005, 29, 343-346.	0.6	26
16	Comparative Analysis of Gluten Proteins in Three Durum Wheat Cultivars by a Proteomic Approach. Journal of Agricultural and Food Chemistry, 2013, 61, 2606-2617.	2.4	26
17	Optimization and Validation of a Confirmatory Method for Determination of Ten Sulfonamides in Feeds by LC and UV-Diode Array Detection. Chromatographia, 2011, 73, 75-82.	0.7	25
18	Simultaneous and Accurate Real-Time Monitoring of Glucose and Ethanol in Alcoholic Drinks, Must, and Biomass by a Dual-Amperometric Biosensor. Journal of Agricultural and Food Chemistry, 2013, 61, 61-68.	2.4	23

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19	Characterization and Bio-Accessibility Evaluation of Olive Leaf Extract-Enriched â€œTarallià€• Foods, 2020, 9, 1268.	1.9	23
20	Survey of benzoic acid in cheeses: contribution to the estimation of an admissible maximum limit. Food Additives and Contaminants: Part B Surveillance, 2011, 4, 231-237.	1.3	22
21	Rapid multiresidue extraction method of organochlorinated pesticides from fish feed. Journal of Chromatography A, 2004, 1034, 33-40.	1.8	20
22	Development of an analytical method for the determination of polyphenolic compounds in vegetable origin samples by liquid chromatography and pulsed amperometric detection at a glassy carbon electrode. Journal of Chromatography A, 2015, 1420, 66-73.	1.8	19
23	Strategies in protein sequencing and characterization: Multi-enzyme digestion coupled with alternate CID/ETD tandem mass spectrometry. Analytica Chimica Acta, 2015, 854, 106-117.	2.6	19
24	Determination of deoxynivalenol and nivalenol by liquid chromatography and fluorimetric detection with on-line chemical post-column derivatization. Talanta, 2012, 97, 145-149.	2.9	18
25	Chromatographic determination of 12 dyes in meat products by HPLC-UV-DIODE array detection. MethodsX, 2019, 6, 856-861.	0.7	17
26	Rapid method for the quantification of 13 sulphonamides in milk by conventional high-performance liquid chromatography with diode array ultraviolet detection using a column packed with core-shell particles. Journal of Chromatography A, 2018, 1531, 46-52.	1.8	16
27	Accurate glutamate monitoring in foodstuffs by a sensitive and interference-free glutamate oxidase based disposable amperometric biosensor. Analytica Chimica Acta, 2020, 1115, 16-22.	2.6	16
28	Microextraction by packed sorbent coupled with gas chromatographyâ€“mass spectrometry: A comparison between â€œdraw-ejectâ€•and â€œextract-discardâ€•methods under equilibrium conditions for the determination of polycyclic aromatic hydrocarbons in water. Journal of Chromatography A, 2014, 1371, 30-38.	1.8	12
29	Pulsed amperometric detection at glassy carbon electrodes: A new waveform for sensitive and reproducible determination of electroactive compounds. Analytica Chimica Acta, 2015, 894, 1-6.	2.6	12
30	Recent Advances in the Post-Column Derivatization for the Determination of Mycotoxins in Food Products and Feed Materials by Liquid Chromatography and Fluorescence Detection. Current Analytical Chemistry, 2014, 10, 355-365.	0.6	12
31	Survey of Ochratoxin A in Cereals from Puglia and Basilicata. Veterinary Research Communications, 2004, 28, 229-232.	0.6	10
32	Dye use in fresh meat preparations and meat products: a survey by a validated method based on <scp>HPLC</scp>â€<scp>UV</scp>â€diode array detection as a contribution to risk assessment. International Journal of Food Science and Technology, 2020, 55, 1126-1135.	1.3	9
33	Determination of Fumonisins B1 and B2 in Maize Food Products by a New Analytical Method Based on High-Performance Liquid Chromatography and Fluorimetric Detection with Post-column Derivatization. Methods in Molecular Biology, 2011, 739, 187-194.	0.4	6
34	Advanced Analysis Techniques of Food Contaminants and Risk Assessmentâ€”Editorial. Applied Sciences (Switzerland), 2022, 12, 4863.	1.3	6
35	Effects of different packaging systems on microbiological, sensory and peptide profile in fiordilatte cheese. Food Research International, 2014, 62, 628-636.	2.9	5
36	Food By-Products to Extend Shelf Life: The Case of Cod Sticks Breaded with Dried Olive Paste. Foods, 2020, 9, 1902.	1.9	5

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37	Anticoagulant rodenticide poisoning in animals of Apulia and Basilicata, Italy. Veterinaria Italiana, 2016, 52, 153-9.	0.5	5
38	Mass spectrometry hyphenated techniques for the analysis of volatiles and peptides in soft cheese: Useful tools for the shelf life optimization. Electrophoresis, 2016, 37, 1861-1872.	1.3	4
39	Combined use of peptide ion and normalized delta scores to evaluate milk authenticity by ion-trap based proteomics coupled with error tolerant searching. Talanta, 2017, 164, 684-692.	2.9	4
40	A Confirmatory Method for Aflatoxin M1 Determination in Milk Based on Immunoaffinity Cleanup and High-Performance Liquid Chromatography with Fluorometric Detection. Methods in Molecular Biology, 2011, 739, 195-202.	0.4	2
41	Simultaneous Determination of Aflatoxins B1, B2, G1, and G2 in Foods and Feed Materials. Methods in Molecular Biology, 2011, 739, 203-210.	0.4	1
42	Core-shell in liquid chromatography: application for determining sulphonamides in feed and meat using conventional chromatographic systems. Italian Journal of Food Safety, 2016, 5, 6166.	0.5	1
43	CHAPTER 16. Determination of Dietary Sugars by Ion Chromatography and Electrochemical Detection: a Focus on Galactose, Glucose, Fructose and Sucrose. Food and Nutritional Components in Focus, 2012, , 269-285.	0.1	0
44	Electroanalytical characterisation of nitrosamines in different mobile phases as supporting electrolytes. Microchemical Journal, 2021, 171, 106885.	2.3	0
45	Determination of Î²-Agonists in Urine Samples at Low Âµg/kg Levels by Means of Pulsed Amperometric Detection at a Glassy Carbon Electrode Coupled with RP-LC. Applied Sciences (Switzerland), 2021, 11, 11302.	1.3	0