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List of Publications by Year
in descending order

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87 papers	2,429 citations	172207 29 h-index	223531 46 g-index
87 all docs	87 docs citations	87 times ranked	2786 citing authors

#	Article	IF	Citations
1	Fabrication of a New, Low-Cost, and Environment-Friendly Laccase-Based Biosensor by Electrospray Immobilization with Unprecedented Reuse and Storage Performances. ACS Sustainable Chemistry and Engineering, 2022, 10, 1888-1898.	3.2	12
2	Investigation of fennel protein extracts by shot-gun Fourier transform ion cyclotron resonance mass spectrometry. Food Research International, 2021, 139, 109919.	2.9	1
3	Data processing for fennel protein characterization by Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR-MS). Data in Brief, 2021, 35, 106960.	0.5	0
4	Electroanalytical characterisation of nitrosamines in different mobile phases as supporting electrolytes. Microchemical Journal, 2021, 171, 106885.	2.3	0
5	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
6	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
7	Enhancing online protein isolation as intact species from soy flour samples by actively modulated two-dimensional liquid chromatography (2D-LC). Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112976.	1.4	8
8	Characterization and Bio-Accessibility Evaluation of Olive Leaf Extract-Enriched â€œTarallià€• Foods, 2020, 9, 1268.	1.9	23
9	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
10	Volatile organic compound data of ready-to-cook tuna fish-burgers: Time evolution in function of different and/or combined mild preservation technologies and relevant statistical analysis. Data in Brief, 2019, 25, 104371.	0.5	3
11	Investigating the effects of mild preservation technology on perishable foods by volatolomics: The case study of ready-to-cook tuna-burgers. LWT - Food Science and Technology, 2019, 115, 108425.	2.5	7
12	Chromatographic determination of 12 dyes in meat products by HPLC-UV-DIODE array detection. MethodsX, 2019, 6, 856-861.	0.7	17
13	Volatolomics approach by HSâ€SPMEâ€GCâ€MS and multivariate analysis to discriminate olive tree varieties infected by Xylella fastidiosa. Phytochemical Analysis, 2019, 30, 623-634.	1.2	9
14	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
15	An automated food protein isolation approach on preparative scale by twoâ€dimensional liquid chromatography with active modulation interface. Electrophoresis, 2019, 40, 1096-1106.	1.3	9
16	Study of X-Ray irradiation applied to fresh dairy cheese. LWT - Food Science and Technology, 2019, 103, 186-191.	2.5	14
17	Simultaneous determination of water- and fat-soluble vitamins, lycopene and beta-carotene in tomato samples and pharmaceutical formulations: Double injection single run by reverse-phase liquid chromatography with UV detection. Journal of Food Composition and Analysis, 2018, 70, 9-17.	1.9	35
18	Milk authenticity by ion-trap proteomics following multi-enzyme digestion. Food Chemistry, 2018, 244, 317-323.	4.2	30

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19	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
20	Tuna Burgers Preserved by the Selected Lactobacillus paracasei IMPC 4.1 Strain. Food and Bioprocess Technology, 2018, 11, 1651-1661.	2.6	6
21	Determination Of Sulphiting Agents In Raw And Processed Meat. , 2018, , .		0
22	Volatile composition and sensory profile of wines obtained from partially defoliated vines: the case of Nero di Troia wine. European Food Research and Technology, 2017, 243, 247-261.	1.6	8
23	Determination of Sulphiting Agents in Raw and Processed Meat: Comparison Between a Modified Monier-Williams Method and the Direct Analysis by Ion Chromatography with Conductometric Detection. Food Analytical Methods, 2017, 10, 3956-3963.	1.3	11
24	Nano-LCâ€“MS/MS for the identification of proteins trapped in sorbent cartridges used for coupled plasma filtration-adsorption treatments of healthy pigs. Journal of Pharmaceutical and Biomedical Analysis, 2017, 132, 215-222.	1.4	2
25	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
26	Characterization of Silter Cheeses Produced in Valley and Alpine Pastures by a Proteomic Approach. Journal of Advances in Dairy Research, 2017, 05, .	0.5	0
27	Amperometric biosensor based on Laccase immobilized onto a screen-printed electrode by Matrix Assisted Pulsed Laser Evaporation. Talanta, 2016, 154, 438-445.	2.9	30
28	Characterization, chemometric evaluation, and human health-related aspects of essential and toxic elements in Italian honey samples by inductively coupled plasma mass spectrometry. Environmental Science and Pollution Research, 2016, 23, 25374-25384.	2.7	16
29	Colour-related phenolics, volatile composition, and sensory profile of Nero di Troia wines treated with oak chips or by micro-oxygenation. European Food Research and Technology, 2016, 242, 1631-1646.	1.6	12
30	Effects of the treatment with oak chips on color-related phenolics, volatile composition, and sensory profile of red wines: the case of Aglianico and Montepulciano. European Food Research and Technology, 2016, 242, 745-767.	1.6	17
31	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
32	The effect of in-amphorae aging on oenological parameters, phenolic profile and volatile composition of Minutolo white wine. Food Research International, 2015, 74, 294-305.	2.9	26
33	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
34	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
35	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
36	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

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37	Deposition and Characterization of Laccase Thin Films Obtained by Matrix Assisted Pulsed Laser Evaporation. Lecture Notes in Electrical Engineering, 2015, , 47-51.	0.3	5
38	Effects of different packaging systems on microbiological, sensory and peptide profile in fiordilatte cheese. Food Research International, 2014, 62, 628-636.	2.9	5
39	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
40	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
41	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
42	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
43	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
44	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
45	Development of a mathematical model for online microextraction by packed sorbent under equilibrium conditions and its application for polycyclic aromatic hydrocarbon determination in water by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1262, 19-26.	1.8	19
46	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
47	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
48	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
49	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
50	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
51	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
52	Permselective and enzyme-entrapping behaviours of an electropolymerized, non-conducting, poly(o-aminophenol) thin film-modified electrode: A critical study. Biosensors and Bioelectronics, 2009, 24, 1550-1556.	5.3	33
53	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
54	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

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55	Urine protein profile of IgA nephropathy patients may predict the response to ACEâ€inhibitor therapy. Proteomics, 2008, 8, 206-216.	1.3	79
56	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
57	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
58	An interference free amperometric biosensor for the detection of biogenic amines in food products. Biosensors and Bioelectronics, 2007, 23, 640-647.	5.3	108
59	An interference-free first generation alcohol biosensor based on a gold electrode modified by an overoxidised non-conducting polypyrrole film. Analytica Chimica Acta, 2006, 565, 27-35.	2.6	54
60	Measurement of Histamine in Seafood by HPLC, CE, and ELISA: Comparison of Three Techniques. Veterinary Research Communications, 2005, 29, 343-346.	0.6	26
61	Rapid multiresidue extraction method of organochlorinated pesticides from fish feed. Journal of Chromatography A, 2004, 1034, 33-40.	1.8	20
62	A Disposable, Reagentless, Third-Generation Glucose Biosensor Based on Overoxidized Poly(pyrrole)/Tetrathiafulvaleneâ" Tetracyanoquinodimethane Composite. Analytical Chemistry, 2002, 74, 5913-5918.	3.2	101
63	Permselective Behavior of an Electrosynthesized, Nonconducting Thin Film of Poly(2-naphthol) and Its Application to Enzyme Immobilization. Electroanalysis, 2000, 12, 825-830.	1.5	32
64	Simultaneous monitoring of glucose and lactate by an interference and cross-talk free dual electrode amperometric biosensor based on electropolymerized thin films. Biosensors and Bioelectronics, 2000, 15, 531-539.	5.3	126
65	Amperometric biosensors based on electrosynthesised polymeric films. Fresenius' Journal of Analytical Chemistry, 2000, 366, 586-601.	1.5	73
66	Effect of Ca(II), Sr(II), and Ba(II) on the Pulsed Amperometric Detection of Alditols and Carbohydrates at a Gold Electrode in Alkaline Solutions. Analytical Chemistry, 1997, 69, 4849-4855.	3.2	17
67	Separation and Pulsed Amperometric Detection of Alditols and Carbohydrates by Anion-Exchange Chromatography Using Alkaline Mobile Phases Modified with Ba(II), Sr(II), and Ca(II) Ions. Analytical Chemistry, 1997, 69, 4842-4848.	3.2	19
68	Determination of Glucose in Nonalcoholic Beverages by a Biosensor Coupled with Microdialysis Fiber Samplers. Journal of AOAC INTERNATIONAL, 1997, 80, 829-833.	0.7	4
69	Determination of Glucose in Nonalcoholic Beverages by a Biosensor Coupled with Microdialysis Fiber Samplers. Journal of AOAC INTERNATIONAL, 1997, 80, 829-844.	0.7	15
70	Electrochemical immobilisation of enzymes on conducting organic salt electrodes: characterisation of an oxygen independent and interference-free glucose biosensor. Journal of Electroanalytical Chemistry, 1997, 435, 103-111.	1.9	29
71	Anion-exchange chromatography with electrochemical detection of alditols and sugars at a Cu2Oâ€"carbon composite electrode. Journal of Chromatography A, 1997, 773, 115-121.	1.8	21
72	Development of a carbon composite electrode made from polyethylene and graphite powder modified with copper(I) oxide. Analytica Chimica Acta, 1996, 326, 107-115.	2.6	22

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73	A microdialysis fibre based sampler for flow injection analysis: determination of L-lactate in biofluids by an electrochemically synthesised bilayer membrane based biosensor. Biosensors and Bioelectronics, 1996, 11, 419-425.	5.3	39
74	Sensitive determination of ethanol in low-alcohol samples by ion-exclusion chromatography with EC detection using a ruthenium-based inorganic film electrode. Food Chemistry, 1996, 55, 17-21.	4.2	6
75	Voltammetric and XPS investigations of polynuclear ruthenium-containing cyanometallate film electrodes. Journal of Electroanalytical Chemistry, 1996, 406, 91-99.	1.9	29
76	Nickel oxide dispersed in a graphite/poly(vinyl chloride) composite matrix for an electrocatalytic amperometric sensor of alditols in flow-injection analysis. Analytica Chimica Acta, 1995, 307, 43-48.	2.6	22
77	Electrocatalysis and amperometric detection of ethanol at ruthenium-based inorganic films with improved response stability. Analytica Chimica Acta, 1995, 310, 257-262.	2.6	20
78	Electrode modification with a poly(NiII-tetramethyldibenzotetraaza[14]annulene) film. Electrochemical behavior and redox catalysis in alkaline solutions. I. Electroanalysis, 1995, 7, 312-318.	1.5	64
79	Correlation between Permselectivity and Chemical Structure of Overoxidized Polypyrrole Membranes Used in Electroproduced Enzyme Biosensors. Analytical Chemistry, 1995, 67, 2207-2211.	3.2	147
80	Mixed-Valent Ruthenium Oxide-Ruthenium Cyanide Inorganic Film on Glassy Carbon Electrodes as an Amperometric Sensor of Aliphatic Alcohols. Analytical Chemistry, 1995, 67, 101-107.	3.2	46
81	Electrocatalytic oxidation and amperometric detection of aliphatic and furanic aldehydes at a mixed-valent ruthenium oxide-ruthenium cyanide film on glassy carbon electrodes. Analytical Chemistry, 1995, 67, 3740-3745.	3.2	29
82	Permeation of solutes through an electropolymerized ultrathin poly-o-phenylenediamine film used as an enzyme-entrapping membrane. Electroanalysis, 1994, 6, 423-429.	1.5	66
83	An in situ electrosynthesized amperometric biosensor based on lactate oxidase immobilized in a poly-o-phenylenediamine film: determination of lactate in serum by flow injection analysis. Biosensors and Bioelectronics, 1994, 9, 471-479.	5.3	51
84	Electrochemically prepared glucose biosensors: kinetic and faradaic processes involving ascorbic acid and role of the electropolymerized film in preventing electrode-fouling. Fresenius' Journal of Analytical Chemistry, 1994, 349, 497-501.	1.5	23
85	An interference-free biosensor based on glucose oxidase electrochemically immobilized in a non-conducting poly(pyrrole) film for continuous subcutaneous monitoring of glucose through microdialysis sampling. Biosensors and Bioelectronics, 1993, 8, 393-399.	5.3	93
86	Interference-free glucose sensor based on glucose-oxidase immobilized in an overoxidized non-conducting polypyrrole film. Fresenius' Journal of Analytical Chemistry, 1992, 342, 729-733.	1.5	92
87	Analytical characterization by X-ray photoelectron spectroscopy of quaternary chalcogenides for cathodes in lithium cells. Journal of Materials Chemistry, 1991, 1, 259.	6.7	4