

# Jose O Fernandes

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

99  
papers

4,162  
citations

38  
h-index

62  
g-index

106  
ext. papers

4,852  
ext. citations

5.9  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
99	Survey on endocrine-disrupting chemicals in seafood: Occurrence and distribution.. <i>Environmental Research</i> , <b>2022</b> , 112886	7.9	0
98	Occurrence of pharmaceuticals in seafood from two Brazilian coastal areas: Implication for human risk assessment. <i>Science of the Total Environment</i> , <b>2022</b> , 803, 149744	10.2	8
97	Occurrence and seasonal variation of several endocrine disruptor compounds (pesticides, bisphenols, musks and UV-filters) in water and sediments from the estuaries of Tagus and Douro Rivers (NE Atlantic Ocean coast).. <i>Science of the Total Environment</i> , <b>2022</b> , 155814	10.2	1
96	Multi-analyte gas chromatography-mass spectrometry method to monitor bisphenols, musk fragrances, ultraviolet filters, and pesticide residues in seafood.. <i>Journal of Chromatography A</i> , <b>2021</b> , 1663, 462755	4.5	0
95	Phthalic acid esters and adipates in herbal-based soft drinks: an eco-friendly method. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2903-2912	4.4	1
94	Herbs and herbal infusions: Determination of natural contaminants (mycotoxins and trace elements) and evaluation of their exposure. <i>Food Research International</i> , <b>2021</b> , 144, 110322	7	5
93	A novel dispersive liquid-liquid microextraction using a low density deep eutectic solvent-gas chromatography tandem mass spectrometry for the determination of polycyclic aromatic hydrocarbons in soft drinks. <i>Journal of Chromatography A</i> , <b>2021</b> , 1635, 461736	4.5	13
92	Perfluorooctane sulfonic acid (PFOS) adsorbed to polyethylene microplastics: Accumulation and ecotoxicological effects in the clam <i>Scrobicularia plana</i> . <i>Marine Environmental Research</i> , <b>2021</b> , 164, 105249	4.9	15
91	Effect of processing smoked salmon on contaminant contents. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 153, 112276	4.7	1
90	Long-term adverse effects of microplastics on <i>Daphnia magna</i> reproduction and population growth rate at increased water temperature and light intensity: Combined effects of stressors and interactions. <i>Science of the Total Environment</i> , <b>2021</b> , 784, 147082	10.2	4
89	Semi-industrial development of nutritious and healthy seafood dishes from sustainable species. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 155, 112431	4.7	1
88	Emerging mycotoxins in infant and children foods: A review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-15	11.5	1
87	Polybrominated diphenyl ethers and their methoxylated congeners in Douro river estuary biota: Seasonal occurrence and risk assessment. <i>Science of the Total Environment</i> , <b>2021</b> , 790, 147916	10.2	0
86	Urinary bisphenol levels in plastic industry workers. <i>Environmental Research</i> , <b>2021</b> , 202, 111666	7.9	3
85	Biomonitoring of co-exposure to bisphenols by consumers of canned foodstuffs. <i>Environment International</i> , <b>2020</b> , 140, 105760	12.9	15
84	Validation of an Enzyme-Linked Immunosorbent Assay (ELISA) Test Kit for Determination of Aflatoxin B1 in Corn Feed and Comparison with Liquid-Chromatography Tandem Mass Spectrometry (LC-MS/MS) Method. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 1806-1816	3.4	6
83	Effect of the sodium reduction and smoking system on quality and safety of smoked salmon ( <i>Salmo salar</i> ). <i>Food and Chemical Toxicology</i> , <b>2020</b> , 143, 111554	4.7	10

82	New formulation for producing salmon p <sub>H</sub> with reduced sodium content. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 143, 111546	4.7	6
81	Bisphenol A and its analogs in muscle and liver of fish from the North East Atlantic Ocean in relation to microplastic contamination. Exposure and risk to human consumers. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 393, 122419	12.8	80
80	Novel analytical approach to assess the profile of volatile phenols in Portuguese red wines. <i>Australian Journal of Grape and Wine Research</i> , <b>2020</b> , 26, 90-100	2.4	4
79	Diets supplemented with Saccharina latissima influence the expression of genes related to lipid metabolism and oxidative stress modulating rainbow trout ( <i>Oncorhynchus mykiss</i> ) fillet composition. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 140, 111332	4.7	10
78	Concentrations of nine bisphenol analogues in food purchased from Catalonia (Spain): Comparison of canned and non-canned foodstuffs. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 136, 110992	4.7	37
77	Contents of key bioactive and detrimental compounds in health performance coffees compared to conventional types of coffees sold in the United States market. <i>Food and Function</i> , <b>2020</b> , 11, 7561-7575	6.1	1
76	Application in Food Analysis <b>2020</b> , 643-665		2
75	Occurrence, trophic transfer, and health risk assessment of bisphenol analogues in seafood from the Persian Gulf. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 154, 111036	6.7	11
74	A novel GC-MS methodology to evaluate aromatase activity in human placental microsomes: a comparative study with the standard radiometric assay. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 7005-7013	4.4	1
73	Prevalent Mycotoxins in Animal Feed: Occurrence and Analytical Methods. <i>Toxins</i> , <b>2019</b> , 11,	4.9	80
72	Chemical composition and anti-cancer properties of Juniperus oxycedrus L. essential oils on estrogen receptor-positive breast cancer cells. <i>Journal of Functional Foods</i> , <b>2019</b> , 59, 261-271	5.1	13
71	Quantification of eight bisphenol analogues in blood and urine samples of workers in a hazardous waste incinerator. <i>Environmental Research</i> , <b>2019</b> , 176, 108576	7.9	38
70	Multi-residue method for enantioseparation of psychoactive substances and beta blockers by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1125, 121731	3.2	15
69	In situ acetylation dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for the simultaneous determination of musks, triclosan and methyl-triclosan in wastewaters. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2019</b> , 99, 1-15	1.8	13
68	Green determination of brominated flame retardants and organochloride pollutants in fish oils by vortex assisted liquid-liquid microextraction and gas chromatography-tandem mass spectrometry. <i>Talanta</i> , <b>2019</b> , 195, 251-257	6.2	15
67	Bioaccumulation and ecotoxicological responses of juvenile white seabream ( <i>Diplodus sargus</i> ) exposed to triclosan, warming and acidification. <i>Environmental Pollution</i> , <b>2019</b> , 245, 427-442	9.3	13
66	Early-life intake of major trace elements, bisphenol A, tetrabromobisphenol A and fatty acids: Comparing human milk and commercial infant formulas. <i>Environmental Research</i> , <b>2019</b> , 169, 246-255	7.9	21
65	Impact of potatoes deep-frying on common monounsaturated-rich vegetable oils: a comparative study. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 290-301	3.3	5

64	Multiple mycotoxin analysis in nut products: Occurrence and risk characterization. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 114, 260-269	4.7	52
63	UV-filters and musk fragrances in seafood commercialized in Europe Union: Occurrence, risk and exposure assessment. <i>Environmental Research</i> , <b>2018</b> , 161, 399-408	7.9	53
62	Assessing the effects of seawater temperature and pH on the bioaccumulation of emerging chemical contaminants in marine bivalves. <i>Environmental Research</i> , <b>2018</b> , 161, 236-247	7.9	21
61	Assessment of multiple mycotoxins in breakfast cereals available in the Portuguese market. <i>Food Chemistry</i> , <b>2018</b> , 239, 132-140	8.5	47
60	Extraction techniques with deep eutectic solvents. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 105, 225-236	4.9	279
59	Occurrence, profile and spatial distribution of UV-filters and musk fragrances in mussels from Portuguese coastline. <i>Marine Environmental Research</i> , <b>2018</b> , 138, 110-118	3.3	30
58	Oral bioaccessibility of toxic and essential elements in raw and cooked commercial seafood species available in European markets. <i>Food Chemistry</i> , <b>2018</b> , 267, 15-27	8.5	41
57	Portuguese children dietary exposure to multiple mycotoxins - An overview of risk assessment under MYCOMIX project. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 399-408	4.7	31
56	Effects of steaming on contaminants of emerging concern levels in seafood. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 490-504	4.7	22
55	Integrated multi-biomarker responses of juvenile seabass to diclofenac, warming and acidification co-exposure. <i>Aquatic Toxicology</i> , <b>2018</b> , 202, 65-79	5.1	36
54	Mussels as bioindicators of diclofenac contamination in coastal environments. <i>Environmental Pollution</i> , <b>2017</b> , 225, 354-360	9.3	52
53	Exploration of the phycoremediation potential of <i>Laminaria digitata</i> towards diflubenzuron, lindane, copper and cadmium in a multitrophic pilot-scale experiment. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 104, 95-108	4.7	9
52	First approach to assess the bioaccessibility of bisphenol A in canned seafood. <i>Food Chemistry</i> , <b>2017</b> , 232, 501-507	8.5	22
51	Determination of Polyamines in Baby Food by Gas Chromatography-Mass Spectrometry: Optimization of Extraction and Microwave-Assisted Derivatization Using Response Surface Methodology. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 3548-3557	3.4	5
50	Comparative Fingerprint Changes of Toxic Volatiles in Low PUFA Vegetable Oils Under Deep-Frying. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2017</b> , 94, 271-284	1.8	25
49	Biogenic amines in liqueurs: Influence of processing and composition. <i>Journal of Food Composition and Analysis</i> , <b>2017</b> , 56, 147-155	4.1	14
48	Development of QuEChERS-based extraction and liquid chromatography-tandem mass spectrometry method for simultaneous quantification of bisphenol A and tetrabromobisphenol A in seafood: fish, bivalves, and seaweeds. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 151-160	4.4	40
47	Multiclass pesticide analysis in fruit-based baby food: A comparative study of sample preparation techniques previous to gas chromatography-mass spectrometry. <i>Food Chemistry</i> , <b>2016</b> , 212, 528-36	8.5	29

46	4-Methylimidazole in soluble coffee and coffee substitutes. <i>Food Control</i> , <b>2016</b> , 63, 15-20	6.2	18
45	Acrylamide in Chips and French Fries: a Novel and Simple Method Using Xanthinol for Its GC-MS Determination. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1436-1445	3.4	28
44	Dispersive liquid-liquid microextraction followed by microwave-assisted silylation and gas chromatography-mass spectrometry analysis for simultaneous trace quantification of bisphenol A and 13 ultraviolet filters in wastewaters. <i>Journal of Chromatography A</i> , <b>2015</b> , 1414, 10-21	4.5	61
43	Environmental contaminants of emerging concern in seafood--European database on contaminant levels. <i>Environmental Research</i> , <b>2015</b> , 143, 29-45	7.9	143
42	Co-occurrence of musk fragrances and UV-filters in seafood and macroalgae collected in European hotspots. <i>Environmental Research</i> , <b>2015</b> , 143, 65-71	7.9	52
41	Comparative assessment of three cleanup procedures after QuEChERS extraction for determination of trichothecenes (type A and type B) in processed cereal-based baby foods by GC-MS. <i>Food Chemistry</i> , <b>2015</b> , 182, 143-9	8.5	55
40	Mycotoxins in cereals and related foodstuffs: A review on occurrence and recent methods of analysis. <i>Trends in Food Science and Technology</i> , <b>2014</b> , 36, 96-136	15.3	216
39	Gas Chromatography-Mass Spectrometry Analysis of 4-Methylimidazole in Balsamic Vinegars and Processed Sauces. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 1519-1525	3.4	13
38	New steroidal 17 $\beta$ -carboxy derivatives present anti-5 $\alpha$ -reductase activity and anti-proliferative effects in a human androgen-responsive prostate cancer cell line. <i>Biochimie</i> , <b>2013</b> , 95, 2097-106	4.6	9
37	Assessment of bisphenol A and bisphenol B in canned vegetables and fruits by gas chromatography-mass spectrometry after QuEChERS and dispersive liquid-liquid microextraction. <i>Food Control</i> , <b>2013</b> , 33, 549-555	6.2	86
36	Development of a new gas chromatography-mass spectrometry (GC-MS) methodology for the evaluation of 5 $\alpha$ -reductase activity. <i>Talanta</i> , <b>2013</b> , 107, 154-61	6.2	15
35	Determination of bisphenol A and bisphenol B in canned seafood combining QuEChERS extraction with dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 2453-63	4.4	113
34	Biogenic amine profile in unripe Arabica coffee beans processed according to dry and wet methods. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4120-5	5.7	13
33	Development and validation of a gas chromatography-mass spectrometry method for determination of deoxynivalenol and its metabolites in human urine. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1019-26	4.7	33
32	A novel dispersive liquid-liquid microextraction (DLLME) gas chromatography-mass spectrometry (GC-MS) method for the determination of eighteen biogenic amines in beer. <i>Food Control</i> , <b>2012</b> , 25, 380-388	6.2	131
31	Optimization and validation of a method based in a QuEChERS procedure and gas chromatography-mass spectrometry for the determination of multi-mycotoxins in popcorn. <i>Food Control</i> , <b>2012</b> , 27, 188-193	6.2	48
30	Simultaneous determination of bisphenol A and bisphenol B in beverages and powdered infant formula by dispersive liquid-liquid micro-extraction and heart-cutting multidimensional gas chromatography-mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2011</b> , 28, 513-26	3.2	95
29	Multipesticide residue analysis in maize combining acetonitrile-based extraction with dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7748-57	4.5	92

28	Gas chromatography-mass spectrometry assessment of amines in Port wine and grape juice after fast chloroformate extraction/derivatization. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 8742-53	5.7	63
27	Assessment of 4-(5-)methylimidazole in soft drinks and dark beer. <i>Journal of Food Composition and Analysis</i> , <b>2011</b> , 24, 609-614	4.1	43
26	Development and validation of a matrix solid-phase dispersion method to determine acrylamide in coffee and coffee substitutes. <i>Journal of Food Science</i> , <b>2010</b> , 75, T57-63	3.4	31
25	Sample Preparation Approaches for the Analysis of Pesticide Residues in Olives and Olive Oils <b>2010</b> , 653-666		3
24	Polybrominated diphenyl ethers (PBDEs) contents in house and car dust of Portugal by pressurized liquid extraction (PLE) and gas chromatography-mass spectrometry (GC-MS). <i>Chemosphere</i> , <b>2010</b> , 78, 1263-71	8.4	60
23	Quantification of free and total bisphenol A and bisphenol B in human urine by dispersive liquid-liquid microextraction (DLLME) and heart-cutting multidimensional gas chromatography-mass spectrometry (MD-GC/MS). <i>Talanta</i> , <b>2010</b> , 83, 117-25	6.2	151
22	Development and validation of a method based on a QuEChERS procedure and heart-cutting GC-MS for determination of five mycotoxins in cereal products. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 600-9	3.4	101
21	Acrylamide in espresso coffee: Influence of species, roast degree and brew length. <i>Food Chemistry</i> , <b>2010</b> , 119, 929-934	8.5	74
20	Determination of patulin in apple and quince products by GC-MS using $^{13}C_5$ patulin as internal standard. <i>Food Chemistry</i> , <b>2009</b> , 115, 352-359	8.5	61
19	Fast low-pressure gas chromatography-mass spectrometry method for the determination of multiple pesticides in grapes, musts and wines. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 119-26	4.5	81
18	Fast analysis of multiple pesticide residues in apple juice using dispersive liquid-liquid microextraction and multidimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 8835-44	4.5	90
17	MSPD Method to Determine Acrylamide in Food. <i>Food Analytical Methods</i> , <b>2009</b> , 2, 197-203	3.4	23
16	Comparison of matrix solid-phase dispersion and liquid-liquid extraction for the chromatographic determination of fenthion and its metabolites in olives and olive oils. <i>Food Additives and Contaminants</i> , <b>2007</b> , 24, 156-64		22
15	Evaluation of the QuEChERS sample preparation approach for the analysis of pesticide residues in olives. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 620-32	3.4	183
14	Application of matrix solid-phase dispersion in the determination of acrylamide in potato chips. <i>Journal of Chromatography A</i> , <b>2007</b> , 1175, 1-6	4.5	49
13	Determination of phosmet and its metabolites in olives by matrix solid-phase dispersion and gas chromatography-mass spectrometry. <i>Talanta</i> , <b>2007</b> , 73, 514-22	6.2	26
12	Determination of acrylamide in coffee and coffee products by GC-MS using an improved SPE clean-up. <i>Food Additives and Contaminants</i> , <b>2006</b> , 23, 1276-82		44
11	Quantification of tocopherols and tocotrienols in portuguese olive oils using HPLC with three different detection systems. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 3351-6	5.7	109

10	Quantification of free and esterified sterols in Portuguese olive oils by solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2006</b> , 1128, 220-7	4.5	99
9	Analysis of heterocyclic aromatic amines in foods by gas chromatography-mass spectrometry as their tert.-butyldimethylsilyl derivatives. <i>Journal of Chromatography A</i> , <b>2004</b> , 1040, 105-14	4.5	62
8	HPLC/UV determination of organic acids in fruit juices and nectars. <i>European Food Research and Technology</i> , <b>2002</b> , 214, 67-71	3.4	33
7	Gas chromatographic-mass spectrometric quantification of 4-(5-)methylimidazole in roasted coffee after ion-pair extraction. <i>Journal of Chromatography A</i> , <b>2002</b> , 976, 285-91	4.5	52
6	DETERMINATION OF LACTIC, ACETIC, SUCCINIC, AND CITRIC ACIDS IN TABLE OLIVES BY HPLC/UV. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2001</b> , 24, 1029-1038	1.3	22
5	Combined ion-pair extraction and gas chromatography-mass spectrometry for the simultaneous determination of diamines, polyamines and aromatic amines in Port wine and grape juice. <i>Journal of Chromatography A</i> , <b>2000</b> , 886, 183-95	4.5	99
4	Identification of 5,5?-oxy-dimethylene-bis(2-furaldehyde) by thermal decomposition of 5-hydroxymethyl-2-furfuraldehyde. <i>Food Chemistry</i> , <b>1998</b> , 63, 473-477	8.5	15
3	Gas chromatographic-mass spectrometric determination of 4-(5) methylimidazole in ammonia caramel colour using ion-pair extraction and derivatization with isobutylchloroformate. <i>Journal of Chromatography A</i> , <b>1997</b> , 786, 299-308	4.5	43
2	Further alkyl and alkenylphenols of <i>Knema laurina</i> and <i>knema austrosiamensis</i> : location of the double bond in the alkenyl side chains. <i>Phytochemistry</i> , <b>1996</b> , 43, 1333-1337	4	36
1	Determination and Levels of Migrated Packaging Additives in Food1-23		