

# Simone B Morais

## List of Publications by Year in descending order

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Version: 2024-02-01

172  
papers

5,399  
citations

76031

42  
h-index

129628

63  
g-index

182  
all docs

182  
docs citations

182  
times ranked

7636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal and sensing of emerging pollutants released from (micro)plastic degradation: Strategies based on boron-doped diamond electrodes. <i>Current Opinion in Electrochemistry</i> , 2022, 31, 100866.	2.5	6
2	Insight into the Potential of Urinary Biomarkers of Oxidative Stress for Firefighters' Health Surveillance. <i>Studies in Systems, Decision and Control</i> , 2022, , 321-335.	0.8	3
3	Indoor Air Quality Under Restricted Ventilation and Occupancy Scenarios with Focus on Particulate Matter: A Case Study of Fitness Centre. <i>Studies in Systems, Decision and Control</i> , 2022, , 345-354.	0.8	1
4	Laccase bioconjugate and multi-walled carbon nanotubes-based biosensor for bisphenol A analysis. <i>Bioelectrochemistry</i> , 2022, 144, 108033.	2.4	20
5	Involvement of the Iron-Regulated Loci <i>hts</i> and <i>fhuC</i> in Biofilm Formation and Survival of <i>Staphylococcus epidermidis</i> within the Host. <i>Microbiology Spectrum</i> , 2022, 10, e0216821.	1.2	7
6	Advantages and limitations of functionalized graphene-based electrochemical sensors for environmental monitoring. , 2022, , 487-520.		3
7	Diagnostics of electrochemically exfoliated nanographite by infrared and Raman spectroscopy. <i>Materialovedenie</i> , 2022, .	0.0	0
8	The simpler the better: Highly sensitive $17\beta$ -ethinylestradiol sensor based on an unmodified carbon paper transducer. <i>Talanta</i> , 2022, 245, 123457.	2.9	6
9	Human Biomonitoring of Selected Hazardous Compounds in Portugal: Part II – Lessons Learned on Mycotoxins. <i>Molecules</i> , 2022, 27, 130.	1.7	0
10	Human Biomonitoring of Selected Hazardous Compounds in Portugal: Part I – Lessons Learned on Polycyclic Aromatic Hydrocarbons, Metals, Metalloids, and Pesticides. <i>Molecules</i> , 2022, 27, 242.	1.7	5
11	(Bio)Sensing Strategies Based on Ionic Liquid-Functionalized Carbon Nanocomposites for Pharmaceuticals: Towards Greener Electrochemical Tools. <i>Nanomaterials</i> , 2022, 12, 2368.	1.9	3
12	Air Quality in Fitness Centers. <i>U Porto Journal of Engineering</i> , 2022, 8, 26-35.	0.2	1
13	Urinary biohazard markers in firefighters. <i>Advances in Clinical Chemistry</i> , 2021, 105, 243-319.	1.8	10
14	Environmental and Health Hazards of Chromated Copper Arsenate-Treated Wood: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5518.	1.2	36
15	Carbon paper as a promising sensing material: Characterization and electroanalysis of ketoprofen in wastewater and fish. <i>Talanta</i> , 2021, 226, 122111.	2.9	17
16	Chemical Characterization and In Vitro Bioactivity of Apple Bark Extracts Obtained by Subcritical Water. <i>Waste and Biomass Valorization</i> , 2021, 12, 6781-6794.	1.8	7
17	Bioactive Lipids of Seaweeds from the Portuguese North Coast: Health Benefits versus Potential Contamination. <i>Foods</i> , 2021, 10, 1366.	1.9	14
18	Seaweeds rehydration and boiling: Impact on iodine, sodium, potassium, selenium, and total arsenic contents and health benefits for consumption. <i>Food and Chemical Toxicology</i> , 2021, 155, 112385.	1.8	13

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19	Electrochemical (bio)sensors based on carbon cloth and carbon paper: An overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116324.	5.8	58
20	Systematic review on lectin-based electrochemical biosensors for clinically relevant carbohydrates and glycoconjugates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112148.	2.5	8
21	Firefighters's™ occupational exposure: Contribution from biomarkers of effect to assess health risks. <i>Environment International</i> , 2021, 156, 106704.	4.8	34
22	A self-powered biosensor for glucose detection using modified pencil graphite electrodes as transducers. <i>Chemical Engineering Journal</i> , 2021, 426, 131835.	6.6	11
23	Electrochemical sensor based on multi-walled carbon nanotubes for imidacloprid determination. <i>Analytical Methods</i> , 2021, 13, 2124-2136.	1.3	18
24	Grill Workers Exposure to Polycyclic Aromatic Hydrocarbons: Levels and Excretion Profiles of the Urinary Biomarkers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 230.	1.2	15
25	Siderophore-Mediated Iron Acquisition Plays a Critical Role in Biofilm Formation and Survival of <i>Staphylococcus epidermidis</i> Within the Host. <i>Frontiers in Medicine</i> , 2021, 8, 799227.	1.2	5
26	Firefighters exposure to fire emissions: Impact on levels of biomarkers of exposure to polycyclic aromatic hydrocarbons and genotoxic/oxidative-effects. <i>Journal of Hazardous Materials</i> , 2020, 383, 121179.	6.5	44
27	Biosensors on the road to early diagnostic and surveillance of Alzheimer's disease. <i>Talanta</i> , 2020, 211, 120700.	2.9	36
28	Current overview and perspectives on carbon-based (bio)sensors for carbamate pesticides electroanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115779.	5.8	43
29	Comparative Cr, As and CCA induced Cytostaticity in mice kidney: A contribution to assess CCA toxicity. <i>Environmental Toxicology and Pharmacology</i> , 2020, 73, 103297.	2.0	9
30	Ultrafine particles: Levels in ambient air during outdoor sport activities. <i>Environmental Pollution</i> , 2020, 258, 113648.	3.7	25
31	Polycyclic aromatic hydrocarbons in wild and farmed whitemouth croaker and meagre from different Atlantic Ocean fishing areas: Concentrations and human health risk assessment. <i>Food and Chemical Toxicology</i> , 2020, 146, 111797.	1.8	7
32	Exposure of nursing mothers to polycyclic aromatic hydrocarbons: Levels of un-metabolized and metabolized compounds in breast milk, major sources of exposure and infants's™ health risks. <i>Environmental Pollution</i> , 2020, 266, 115243.	3.7	21
33	Valorization Potential of Oilseed Cakes by Subcritical Water Extraction. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8815.	1.3	19
34	Polyethylenimine-Multi-Walled Carbon Nanotubes/Glassy Carbon Electrode as an Efficient Sensing Platform for Promethazine. <i>Journal of the Electrochemical Society</i> , 2020, 167, 107506.	1.3	12
35	Critical review of micro-extraction techniques used in the determination of polycyclic aromatic hydrocarbons in biological, environmental and food samples. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 1004-1026.	1.1	20
36	Development of New Canned Chub Mackerel Products Incorporating Edible Seaweeds's™ Influence on the Minerals and Trace Elements Composition. <i>Molecules</i> , 2020, 25, 1133.	1.7	8

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37	Application of Nanostructured Carbon-Based Electrochemical (Bio)Sensors for Screening of Emerging Pharmaceutical Pollutants in Waters and Aquatic Species: A Review. <i>Nanomaterials</i> , 2020, 10, 1268.	1.9	37
38	Environmental Particulate Matter Levels during 2017 Large Forest Fires and Megafires in the Center Region of Portugal: A Public Health Concern?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1032.	1.2	32
39	Vine-Canes Valorisation: Ultrasound-Assisted Extraction from Lab to Pilot Scale. <i>Molecules</i> , 2020, 25, 1739.	1.7	26
40	Assessment of Urinary 1-hydroxypyrene and 3-hydroxybenzo(a)pyrene in Barbecue Grill Workers. <i>Studies in Systems, Decision and Control</i> , 2020, , 351-358.	0.8	2
41	Electroanalytical characterization of the direct <i>Marinobacter hydrocarbonoclasticus</i> nitric oxide reductase-catalysed nitric oxide and dioxygen reduction. <i>Bioelectrochemistry</i> , 2019, 125, 8-14.	2.4	5
42	Evaluation of the adsorption potential of biochars prepared from forest and agri-food wastes for the removal of fluoxetine. <i>Bioresource Technology</i> , 2019, 292, 121973.	4.8	44
43	Multi-Walled Carbon Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2696.	1.3	11
44	(Ultra) Fine particle concentrations and exposure in different indoor and outdoor microenvironments during physical exercising. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 591-602.	1.1	10
45	Mineral Content of Various Portuguese Breads: Characterization, Dietary Intake, and Discriminant Analysis. <i>Molecules</i> , 2019, 24, 2787.	1.7	8
46	Electroanalysis of Pharmaceuticals on Boron-Doped Diamond Electrodes: A Review. <i>ChemElectroChem</i> , 2019, 6, 2350-2378.	1.7	45
47	Biosensor for direct bioelectrocatalysis detection of nitric oxide using nitric oxide reductase incorporated in carboxylated single-walled carbon nanotubes/lipidic 3 bilayer nanocomposite. <i>Bioelectrochemistry</i> , 2019, 127, 76-86.	2.4	26
48	Nanomaterials towards Biosensing of Alzheimer's Disease Biomarkers. <i>Nanomaterials</i> , 2019, 9, 1663.	1.9	54
49	Third-generation electrochemical biosensor based on nitric oxide reductase immobilized in a multiwalled carbon nanotubes/1-n-butyl-3-methylimidazolium tetrafluoroborate nanocomposite for nitric oxide detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 445-452.	4.0	32
50	Children environmental exposure to particulate matter and polycyclic aromatic hydrocarbons and biomonitoring in school environments: A review on indoor and outdoor exposure levels, major sources and health impacts. <i>Environment International</i> , 2019, 124, 180-204.	4.8	204
51	Assessment of firefighters' occupational exposure to polycyclic aromatic hydrocarbons by biomonitoring. , 2019, , .		0
52	Polycyclic aromatic hydrocarbons bioaccessibility in seafood: Culinary practices effects on dietary exposure. <i>Environmental Research</i> , 2018, 164, 165-172.	3.7	20
53	Potential of Portuguese vine shoot wastes as natural resources of bioactive compounds. <i>Science of the Total Environment</i> , 2018, 634, 831-842.	3.9	81
54	Microwave-assisted extraction of phenolic compounds from <i>Morus nigra</i> leaves: optimization and characterization of the antioxidant activity and phenolic composition. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1684-1693.	1.6	35

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55	Subcritical water extraction of antioxidants from mountain germander ( <i>Teucrium montanum</i> L.). <i>Journal of Supercritical Fluids</i> , 2018, 138, 200-206.	1.6	37
56	Dispersion of multi-walled carbon nanotubes in [BMIM]PF 6 for electrochemical sensing of acetaminophen. <i>Materials Science and Engineering C</i> , 2018, 88, 148-156.	3.8	17
57	Indoor particulate pollution in fitness centres with emphasis on ultrafine particles. <i>Environmental Pollution</i> , 2018, 233, 180-193.	3.7	35
58	Subcritical water extraction as an environmentally-friendly technique to recover bioactive compounds from traditional Serbian medicinal plants. <i>Industrial Crops and Products</i> , 2018, 111, 579-589.	2.5	74
59	New Generation of Electrochemical Sensors Based on Multi-Walled Carbon Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1925.	1.3	86
60	Commercial octopus species from different geographical origins: Levels of polycyclic aromatic hydrocarbons and potential health risks for consumers. <i>Food and Chemical Toxicology</i> , 2018, 121, 272-282.	1.8	16
61	Experimental and computational studies of the interactions between carbon nanotubes and ionic liquids used for detection of acetaminophen. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 640-646.	4.0	8
62	Chitosan-magnetite nanocomposite as a sensing platform to bendiocarb determination. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7229-7238.	1.9	14
63	Label-free Voltammetric Immunosensor for Prostate Specific Antigen Detection. <i>Electroanalysis</i> , 2018, 30, 2604-2611.	1.5	17
64	Electroanalysis of Imidacloprid Insecticide in River Waters Using Functionalized Multi-Walled Carbon Nanotubes Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B431-B435.	1.3	20
65	Seaweeds from the Portuguese coast as a source of proteinaceous material: Total and free amino acid composition profile. <i>Food Chemistry</i> , 2018, 269, 264-275.	4.2	75
66	Indoor air quality in health clubs: Impact of occupancy and type of performed activities on exposure levels. <i>Journal of Hazardous Materials</i> , 2018, 359, 56-66.	6.5	23
67	Nitric Oxide Detection Using Electrochemical Third-generation Biosensors "Based on Heme Proteins and Porphyrins. <i>Electroanalysis</i> , 2018, 30, 2485-2503.	1.5	12
68	Sensing of formetanate pesticide in fruits with a boron-doped diamond electrode. <i>Microchemical Journal</i> , 2018, 142, 24-29.	2.3	21
69	Levels of urinary biomarkers of exposure and potential genotoxic risks in firefighters. , 2018, , 267-271.		1
70	Polycyclic aromatic hydrocarbons at fire stations: firefighters' exposure monitoring and biomonitoring, and assessment of the contribution to total internal dose. <i>Journal of Hazardous Materials</i> , 2017, 323, 184-194.	6.5	65
71	Sensor based on $\text{I}^2$ - NiOx hybrid film/multi-walled carbon nanotubes composite electrode for groundwater salinization inspection. <i>Chemical Engineering Journal</i> , 2017, 323, 47-55.	6.6	5
72	Wood smoke exposure of Portuguese wildland firefighters: DNA and oxidative damage evaluation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 596-604.	1.1	16

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73	Indoor air quality in preschools (3- to 5-year-old children) in the Northeast of Portugal during springâ€“summer season: pollutants and comfort parameters. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 740-755.	1.1	13
74	Individual and cumulative impacts of fire emissions and tobacco consumption on wildland firefightersâ€™ total exposure to polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2017, 334, 10-20.	6.5	27
75	Occupational exposure of firefighters to polycyclic aromatic hydrocarbons in non-fire work environments. <i>Science of the Total Environment</i> , 2017, 592, 277-287.	3.9	32
76	Polycyclic aromatic hydrocarbons (PAH) in Portuguese educational settings: a comparison between preschools and elementary schools. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 630-640.	1.1	8
77	Assessment of exposure to polycyclic aromatic hydrocarbons in preschool children: Levels and impact of preschool indoor air on excretion of main urinary monohydroxyl metabolites. <i>Journal of Hazardous Materials</i> , 2017, 322, 357-369.	6.5	40
78	Alzheimerâ€™s disease: Development of a sensitive label-free electrochemical immunosensor for detection of amyloid beta peptide. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 157-165.	4.0	98
79	Chlorhexidine digluconate on chitosan-magnetic iron oxide nanoparticles modified electrode: Electroanalysis and mechanistic insights by computational simulations. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 417-425.	4.0	23
80	Polycyclic aromatic hydrocarbons in primary school environments: Levels and potential risks. <i>Science of the Total Environment</i> , 2017, 575, 1156-1167.	3.9	48
81	Environment-Friendly Techniques for Extraction of Bioactive Compounds From Fruits. , 2017, , 21-47.		2
82	Seaweeds from the Portuguese coast: A potential food resource?. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 231, 012126.	0.3	9
83	Evaluation of degradation mechanism of chlorhexidine by means of Density Functional Theory calculations. <i>Computational Biology and Chemistry</i> , 2017, 71, 82-88.	1.1	4
84	Valorization of apple tree wood residues by polyphenols extraction: Comparison between conventional and microwave-assisted extraction. <i>Industrial Crops and Products</i> , 2017, 104, 210-220.	2.5	101
85	Levels of urinary 1-hydroxypyrene in firemen from the Northeast of Portugal. , 2017, , .		1
86	Carcinogenic polycyclic aromatic hydrocarbons in classrooms of schools:Risk assessment for primary school teachers. , 2017, , .		0
87	Firefightersâ€™ exposure biomonitoring: Impact of firefighting activities on levels of urinary monohydroxyl metabolites. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 857-866.	2.1	37
88	Assessment of air quality in preschool environments (3â€“5 years old children) with emphasis on elemental composition of PM10 and PM2.5. <i>Environmental Pollution</i> , 2016, 214, 430-439.	3.7	24
89	Modeling of laccase inhibition by formetanate pesticide using theoretical approaches. <i>Bioelectrochemistry</i> , 2016, 108, 46-53.	2.4	11
90	Electroanalysis of formetanate hydrochloride by a cobalt phthalocyanine functionalized multiwalled carbon nanotubes modified electrode: characterization and application in fruits. <i>Electrochimica Acta</i> , 2016, 194, 187-198.	2.6	27

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91	Assessment of polycyclic aromatic hydrocarbons in indoor and outdoor air of preschool environments (3-5 years old children). <i>Environmental Pollution</i> , 2016, 208, 382-394.	3.7	49
92	Firefighter's occupational exposure to PM2.5 and Polycyclic Aromatic Hydrocarbons. , 2016, , 85-88.		0
93	Daily variability of urinary hydroxylated polycyclic aromatic hydrocarbon metabolites in pre-schoolchildren. <i>Toxicology Letters</i> , 2015, 238, S118.	0.4	0
94	Polycyclic aromatic hydrocarbons: levels and phase distributions in preschool microenvironment. <i>Indoor Air</i> , 2015, 25, 557-568.	2.0	26
95	Espresso beverages of pure origin coffee: Mineral characterization, contribution for mineral intake and geographical discrimination. <i>Food Chemistry</i> , 2015, 177, 330-338.	4.2	52
96	Mineral Composition Variability of Coffees. , 2015, , 549-558.		12
97	Voltammetric analysis of mancozeb and its degradation product ethylenethiourea. <i>Journal of Electroanalytical Chemistry</i> , 2015, 758, 54-58.	1.9	14
98	Children's Indoor Exposures to (Ultra)Fine Particles in an Urban Area: Comparison Between School and Home Environments. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 886-896.	1.1	16
99	Exposure to polycyclic aromatic hydrocarbons and assessment of potential risks in preschool children. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13892-13902.	2.7	11
100	Revalorization of spent coffee residues by a direct agronomic approach. <i>Food Research International</i> , 2015, 73, 190-196.	2.9	52
101	Characterization of indoor air pollution in a Portuguese pre-school. , 2015, , 139-142.		1
102	Ultrafine Particles in Ambient Air of an Urban Area: Dose Implications for Elderly. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 827-836.	1.1	6
103	Assessment of ultrafine particles in Portuguese preschools: levels and exposure doses. <i>Indoor Air</i> , 2014, 24, 618-628.	2.0	57
104	Sensitive bi-enzymatic biosensor based on polyphenoloxidases-gold nanoparticles-chitosan hybrid film-graphene doped carbon paste electrode for carbamates detection. <i>Bioelectrochemistry</i> , 2014, 98, 20-29.	2.4	72
105	Levels and risks of particulate-bound PAHs in indoor air influenced by tobacco smoke: a field measurement. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4492-4501.	2.7	35
106	Improvement of vegetables elemental quality by espresso coffee residues. <i>Food Chemistry</i> , 2014, 148, 294-299.	4.2	42
107	Trace metals in size-fractionated particulate matter in a Portuguese hospital: exposure risks assessment and comparisons with other countries. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3604-3620.	2.7	26
108	Simple laccase-based biosensor for formetanate hydrochloride quantification in fruits. <i>Bioelectrochemistry</i> , 2014, 95, 7-14.	2.4	49

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109	Commercial squids: Characterization, assessment of potential health benefits/risks and discrimination based on mineral, lipid and vitamin E concentrations. <i>Food and Chemical Toxicology</i> , 2014, 67, 44-56.	1.8	18
110	Characterization of the Toxicological Effects of Aminocarb on Rats: Hematological, Biochemical, and Histological Analyses. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 849-855.	1.1	2
111	SPE-LC-FD Determination of Polycyclic Aromatic Hydrocarbon Monohydroxy Derivatives in Cephalopods. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2685-2691.	2.4	9
112	Octopus Lipid and Vitamin E Composition: Interspecies, Interorigin, and Nutritional Variability. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8508-8517.	2.4	10
113	Seasonal patterns of polycyclic aromatic hydrocarbons in digestive gland and arm of octopus ( <i>Octopus vulgaris</i> ) from the Northwest Atlantic. <i>Science of the Total Environment</i> , 2014, 481, 488-497.	3.9	17
114	Determination of Ochratoxin A in Bread: Evaluation of Microwave-Assisted Extraction Using an Orthogonal Composite Design Coupled with Response Surface Methodology. <i>Food and Bioprocess Technology</i> , 2013, 6, 2466-2477.	2.6	16
115	PAH air pollution at a Portuguese urban area: carcinogenic risks and sources identification. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3932-3945.	2.7	83
116	Evaluation of atmospheric deposition and patterns of polycyclic aromatic hydrocarbons in façades of historic monuments of Oporto (Portugal). <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1052-1064.	1.8	3
117	Electrochemical immunosensor for amyloid beta-peptide detection: Preliminary study. , 2013, , .		1
118	Impact of vehicular traffic emissions on particulate-bound PAHs: Levels and associated health risks. <i>Atmospheric Research</i> , 2013, 127, 141-147.	1.8	96
119	Laccase-Prussian blue film-graphene doped carbon paste modified electrode for carbamate pesticides quantification. <i>Biosensors and Bioelectronics</i> , 2013, 47, 292-299.	5.3	57
120	Forest fires in Northern region of Portugal: Impact on PM levels. <i>Atmospheric Research</i> , 2013, 127, 148-153.	1.8	13
121	Polycyclic aromatic hydrocarbons in commercial squids from different geographical origins: Levels and risks for human consumption. <i>Food and Chemical Toxicology</i> , 2013, 59, 46-54.	1.8	28
122	Brewer's spent grain from different types of malt: Evaluation of the antioxidant activity and identification of the major phenolic compounds. <i>Food Research International</i> , 2013, 54, 382-388.	2.9	106
123	Biosensor based on multi-walled carbon nanotubes paste electrode modified with laccase for pirimicarb pesticide quantification. <i>Talanta</i> , 2013, 106, 137-143.	2.9	87
124	Subacute Effects of the Thiodicarb Pesticide on Target Organs of Male Wistar Rats: Biochemical, Histological, and Flow Cytometry Studies. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 533-539.	1.1	12
125	Molinate quantification in environmental water by a glutathione-S-transferase based biosensor. <i>Talanta</i> , 2013, 106, 249-254.	2.9	29
126	Validation of a Single-Extraction Procedure for Sequential Analysis of Vitamin E, Cholesterol, Fatty Acids, and Total Fat in Seafood. <i>Food Analytical Methods</i> , 2013, 6, 1196-1204.	1.3	49



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127	Ultrasonic- and microwave-assisted extraction and modification of algal components. , 2013, , 585-605.		7
128	Structural, Physical, and Chemical Modifications Induced by Microwave Heating on Native Agar-like Galactans. Journal of Agricultural and Food Chemistry, 2012, 60, 4977-4985.	2.4	39
129	Metal accumulation and oxidative stress biomarkers in octopus ( <i>Octopus vulgaris</i> ) from Northwest Atlantic. Science of the Total Environment, 2012, 433, 230-237.	3.9	40
130	Polycyclic aromatic hydrocarbon levels in three pelagic fish species from Atlantic Ocean: Inter-specific and inter-season comparisons and assessment of potential public health risks. Food and Chemical Toxicology, 2012, 50, 162-167.	1.8	42
131	Analysis of polycyclic aromatic hydrocarbons in fish: Optimisation and validation of microwave-assisted extraction. Food Chemistry, 2012, 135, 234-242.	4.2	47
132	Extraction of ochratoxin A in bread samples by the QuEChERS methodology. Food Chemistry, 2012, 135, 2522-2528.	4.2	39
133	Development of polyaniline microarray electrodes for cadmium analysis. Chemical Papers, 2012, 66, .	1.0	4
134	Espresso Coffee Residues: A Valuable Source of Unextracted Compounds. Journal of Agricultural and Food Chemistry, 2012, 60, 7777-7784.	2.4	151
135	Indoor Air Pollutants: Relevant Aspects and Health Impacts. , 2012, , .		7
136	A novel application of microwave-assisted extraction of polyphenols from brewer's spent grain with HPLC-DAD-MS analysis. Analytical and Bioanalytical Chemistry, 2012, 403, 1019-1029.	1.9	81
137	Intra- and interspecific mineral composition variability of commercial instant coffees and coffee substitutes: Contribution to mineral intake. Food Chemistry, 2012, 130, 702-709.	4.2	63
138	Lipid content of frozen fish: Comparison of different extraction methods and variability during freezing storage. Food Chemistry, 2012, 131, 328-336.	4.2	56
139	Mercury, cadmium, lead and arsenic levels in three pelagic fish species from the Atlantic Ocean: Intra- and inter-specific variability and human health risks for consumption. Food and Chemical Toxicology, 2011, 49, 923-932.	1.8	246
140	Polycyclic aromatic hydrocarbons in gas and particulate phases of indoor environments influenced by tobacco smoke: Levels, phase distributions, and health risks. Atmospheric Environment, 2011, 45, 1799-1808.	1.9	109
141	Preservation of catechin antioxidant properties loaded in carbohydrate nanoparticles. Carbohydrate Polymers, 2011, 86, 147-153.	5.1	75
142	Air pollution from traffic emissions in Oporto, Portugal: Health and environmental implications. Microchemical Journal, 2011, 99, 51-59.	2.3	84
143	Monitoring of ochratoxin A exposure of the Portuguese population through a nationwide urine survey in Winter 2007. Science of the Total Environment, 2010, 408, 1195-1198.	3.9	30
144	Agar extraction from integrated multitrophic aquacultured <i>Gracilaria vermiculophylla</i> : Evaluation of a microwave-assisted process using response surface methodology. Bioresource Technology, 2010, 101, 3258-3267.	4.8	109

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145	Influence of Traffic Emissions on the Carcinogenic Polycyclic Aromatic Hydrocarbons in Outdoor Breathable Particles. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 393-401.	0.9	45
146	Toxicity of chromated copper arsenate: A study in mice. <i>Environmental Research</i> , 2010, 110, 424-427.	3.7	17
147	Determination of carbamate and urea pesticide residues in fresh vegetables using microwave-assisted extraction and liquid chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 199-210.	1.8	21
148	Influence of tobacco smoke on carcinogenic PAH composition in indoor PM10 and PM2.5. <i>Atmospheric Environment</i> , 2009, 43, 6376-6382.	1.9	44
149	Analysis of polycyclic aromatic hydrocarbons in atmospheric particulate samples by microwave-assisted extraction and liquid chromatography. <i>Journal of Separation Science</i> , 2009, 32, 501-510.	1.3	53
150	Analysis of polycyclic aromatic hydrocarbons in fish: evaluation of a quick, easy, cheap, effective, rugged, and safe extraction method. <i>Journal of Separation Science</i> , 2009, 32, 3529-3538.	1.3	134
151	Nephrotoxicity effects of the wood preservative chromium copper arsenate on mice: Histopathological and quantitative approaches. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 224-230.	1.5	16
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