

Cristina Delerue-Matos

List of Publications by Citations

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460

papers

12,802

citations

55

h-index

85

g-index

472

ext. papers

14,910

ext. citations

5.6

avg, IF

6.89

L-index

#	Paper	IF	Citations
460	Ecotoxicological aspects related to the presence of pharmaceuticals in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2010 , 175, 45-95	12.8	1002
459	Contribution of hospital effluents to the load of pharmaceuticals in urban wastewaters: identification of ecologically relevant pharmaceuticals. <i>Science of the Total Environment</i> , 2013 , 461-462, 302-16	10.2	358
458	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. <i>Food and Chemical Toxicology</i> , 2011 , 49, 923-32	4.7	195
457	Green production of zero-valent iron nanoparticles using tree leaf extracts. <i>Science of the Total Environment</i> , 2013 , 445-446, 1-8	10.2	190
456	Presence of pharmaceuticals in the Lis river (Portugal): Sources, fate and seasonal variation. <i>Science of the Total Environment</i> , 2016 , 573, 164-177	10.2	169
455	Assessment of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawaters of North of Portugal: occurrence and environmental risk. <i>Science of the Total Environment</i> , 2015 , 508, 240-50	10.2	152
454	Application of green zero-valent iron nanoparticles to the remediation of soils contaminated with ibuprofen. <i>Science of the Total Environment</i> , 2013 , 461-462, 323-9	10.2	134
453	Removal of Cd(II), Zn(II) and Pb(II) from aqueous solutions by brown marine macro algae: kinetic modelling. <i>Journal of Hazardous Materials</i> , 2008 , 153, 493-501	12.8	124
452	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, 3529-38	3.4	113
451	Characterization of green zero-valent iron nanoparticles produced with tree leaf extracts. <i>Science of the Total Environment</i> , 2015 , 533, 76-81	10.2	111
450	Brazilian fruit pulps as functional foods and additives: evaluation of bioactive compounds. <i>Food Chemistry</i> , 2015 , 172, 462-8	8.5	110
449	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	12.9	110
448	Molecular imprinted nanoelectrodes for ultra sensitive detection of ovarian cancer marker. <i>Biosensors and Bioelectronics</i> , 2012 , 33, 179-83	11.8	104
447	Pre-treatment and extraction techniques for recovery of added value compounds from wastes throughout the agri-food chain. <i>Green Chemistry</i> , 2016 , 18, 6160-6204	10	101
446	Polycyclic aromatic hydrocarbons in gas and particulate phases of indoor environments influenced by tobacco smoke: Levels, phase distributions, and health risks. <i>Atmospheric Environment</i> , 2011 , 45, 1799-1808	5.3	96
445	MIP-graphene-modified glassy carbon electrode for the determination of trimethoprim. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 56-61	11.8	94
444	Assessment of 83 pharmaceuticals in WWTP influent and effluent samples by UHPLC-MS/MS: Hourly variation. <i>Science of the Total Environment</i> , 2019 , 648, 582-600	10.2	93

443	Agar extraction from integrated multitrophic aquacultured <i>Gracilaria vermiculophylla</i> : evaluation of a microwave-assisted process using response surface methodology. <i>Bioresource Technology</i> , 2010 , 101, 3258-67	11	89
442	Electrochemical biosensors for Salmonella: State of the art and challenges in food safety assessment. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 667-682	11.8	89
441	Towards a reliable technology for antioxidant capacity and oxidative damage evaluation: electrochemical (bio)sensors. <i>Biosensors and Bioelectronics</i> , 2011 , 30, 1-12	11.8	85
440	Impact of vehicular traffic emissions on particulate-bound PAHs: Levels and associated health risks. <i>Atmospheric Research</i> , 2013 , 127, 141-147	5.4	83
439	QuEChERS: a new sample preparation approach for the determination of ibuprofen and its metabolites in soils. <i>Science of the Total Environment</i> , 2012 , 433, 281-9	10.2	82
438	Development of a SPE-UHPLC-MS/MS methodology for the determination of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawater. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 106, 61-70	3.5	81
437	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	7	80
436	Alzheimer'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	8.5	75
435	New Trends in Food Allergens Detection: Toward Biosensing Strategies. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 2304-19	11.5	74
434	PAH air pollution at a Portuguese urban area: carcinogenic risks and sources identification. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3932-45	5.1	71
433	A novel application of microwave-assisted extraction of polyphenols from brewer's spent grain with HPLC-DAD-MS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1019-29	4.4	71
432	Biosensor based on multi-walled carbon nanotubes paste electrode modified with laccase for pirimicarb pesticide quantification. <i>Talanta</i> , 2013 , 106, 137-43	6.2	71
431	Multi-residue methodology for pesticide screening in wines. <i>Journal of Chromatography A</i> , 2000 , 889, 59-67	4.5	71
430	Antioxidant and biological activity of chamomile extracts obtained by different techniques: perspective of using superheated water for isolation of biologically active compounds. <i>Industrial Crops and Products</i> , 2015 , 65, 582-591	5.9	70
429	Electrochemical immunosensor for the analysis of the breast cancer biomarker HER2 ECD. <i>Talanta</i> , 2014 , 129, 594-9	6.2	70
428	Air pollution from traffic emissions in Oporto, Portugal: Health and environmental implications. <i>Microchemical Journal</i> , 2011 , 99, 51-59	4.8	70
427	MnFe ₂ O ₄ @CNT-N as novel electrochemical nanosensor for determination of caffeine, acetaminophen and ascorbic acid. <i>Sensors and Actuators B: Chemical</i> , 2015 , 218, 128-136	8.5	69
426	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	5.9	68

425	Optimization of QuEChERS method for the analysis of organochlorine pesticides in soils with diverse organic matter. <i>Journal of Separation Science</i> , 2012 , 35, 1521-30	3.4	67
424	Multiresidue pesticides analysis in soils using modified QuEChERS with disposable pipette extraction and dispersive solid-phase extraction. <i>Journal of Separation Science</i> , 2013 , 36, 376-82	3.4	66
423	Detection of Ara h 1 (a major peanut allergen) in food using an electrochemical gold nanoparticle-coated screen-printed immunosensor. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 19-24	11.8	65
422	Breast cancer biomarker (HER2-ECD) detection using a molecularly imprinted electrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2018 , 273, 1008-1014	8.5	65
421	Development of a multi-residue method for the determination of human and veterinary pharmaceuticals and some of their metabolites in aqueous environmental matrices by SPE-UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 75-86	3.5	63
420	Molecularly imprinted electrochemical sensor for the point-of-care detection of a breast cancer biomarker (CA 15-3). <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 905-912	8.5	63
419	Molecularly imprinted polymer-based electrochemical sensors for environmental analysis. <i>Biosensors and Bioelectronics</i> , 2021 , 172, 112719	11.8	63
418	Molecularly imprinted electrochemical sensor for ochratoxin A detection in food samples. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 107-112	8.5	62
417	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, 20-9	5.6	61
416	Utilization of food industry wastes for the production of zero-valent iron nanoparticles. <i>Science of the Total Environment</i> , 2014 , 496, 233-240	10.2	60
415	Persistent organic pollutant levels in human visceral and subcutaneous adipose tissue in obese individuals--depot differences and dysmetabolism implications. <i>Environmental Research</i> , 2014 , 133, 170-7	7.9	59
414	DNA-based biosensor for the electrocatalytic determination of antioxidant capacity in beverages. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2396-401	11.8	59
413	Use of solvent extraction to remediate soils contaminated with hydrocarbons. <i>Journal of Hazardous Materials</i> , 2005 , 124, 224-9	12.8	59
412	A perspective on LCA application in site remediation services: critical review of challenges. <i>Journal of Hazardous Materials</i> , 2010 , 175, 12-22	12.8	58
411	Iron oxide/gold core/shell nanomagnetic probes and CdS biolabels for amplified electrochemical immunosensing of Salmonella typhimurium. <i>Biosensors and Bioelectronics</i> , 2014 , 51, 195-200	11.8	57
410	Optimizing the extraction of phenolic antioxidants from chestnut shells by subcritical water extraction using response surface methodology. <i>Food Chemistry</i> , 2021 , 334, 127521	8.5	57
409	Isolation of apigenin from subcritical water extracts: Optimization of the process. <i>Journal of Supercritical Fluids</i> , 2017 , 120, 32-42	4.2	56
408	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	5.9	56

407	Magnetic dispersive micro solid-phase extraction and gas chromatography determination of organophosphorus pesticides in strawberries. <i>Journal of Chromatography A</i> , 2018 , 1566, 1-12	4.5	55
406	Heterogeneous kinetics of the reduction of chromium (VI) by elemental iron. <i>Journal of Hazardous Materials</i> , 2010 , 175, 1042-7	12.8	55
405	Application of experimental design methodology to optimize antibiotics removal by walnut shell based activated carbon. <i>Science of the Total Environment</i> , 2019 , 646, 168-176	10.2	54
404	Potential of Portuguese vine shoot wastes as natural resources of bioactive compounds. <i>Science of the Total Environment</i> , 2018 , 634, 831-842	10.2	53
403	Molecularly imprinted sensor for voltammetric detection of norfloxacin. <i>Sensors and Actuators B: Chemical</i> , 2015 , 219, 301-307	8.5	53
402	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	8.5	52
401	Intra- and interspecific mineral composition variability of commercial instant coffees and coffee substitutes: Contribution to mineral intake. <i>Food Chemistry</i> , 2012 , 130, 702-709	8.5	51
400	Contribution of different vegetable types to exogenous nitrate and nitrite exposure. <i>Food Chemistry</i> , 2010 , 120, 960-966	8.5	51
399	Development of electrochemical methods for determination of tramadol--analytical application to pharmaceutical dosage forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 975-81	3.5	51
398	Voltammetric immunosensor for the simultaneous analysis of the breast cancer biomarkers CA 15-3 and HER2-ECD. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 918-925	8.5	50
397	Development of a microwave-assisted extraction for the analysis of phenolic compounds from <i>Rosmarinus officinalis</i> . <i>Journal of Food Engineering</i> , 2013 , 119, 525-532	6	50
396	Sorption behaviour of bifenthrin on cork. <i>Journal of Chromatography A</i> , 2005 , 1069, 127-32	4.5	50
395	Development of a disposable paper-based potentiometric immunosensor for real-time detection of a foodborne pathogen. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111317	11.8	49
394	The Use of Algae and Fungi for Removal of Pharmaceuticals by Bioremediation and Biosorption Processes: A Review. <i>Water (Switzerland)</i> , 2019 , 11, 1555	3	49
393	Control and comparison of the antioxidant capacity of beers. <i>Food Research International</i> , 2010 , 43, 1702-1709	4.5	49
392	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	12.8	48
391	Molecularly imprinted electrochemical sensor prepared on a screen printed carbon electrode for naloxone detection. <i>Sensors and Actuators B: Chemical</i> , 2017 , 243, 745-752	8.5	48
390	Enantiomeric fraction evaluation of pharmaceuticals in environmental matrices by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1363, 226-35	4.5	48

389	Strawberries from integrated pest management and organic farming: phenolic composition and antioxidant properties. <i>Food Chemistry</i> , 2012 , 134, 1926-31	8.5	48
388	Organochlorine pesticide residues in strawberries from integrated pest management and organic farming. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 7582-91	5.7	48
387	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 290, 378-386	8.5	46
386	Metabolic control of T cell immune response through glycans in inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4651-E4660	11.5	46
385	Laccase-Prussian blue film-graphene doped carbon paste modified electrode for carbamate pesticides quantification. <i>Biosensors and Bioelectronics</i> , 2013 , 47, 292-9	11.8	46
384	Analysis of polycyclic aromatic hydrocarbons in atmospheric particulate samples by microwave-assisted extraction and liquid chromatography. <i>Journal of Separation Science</i> , 2009 , 32, 501-104	7.4	46
383	Flow injection amperometric determination of L-dopa, epinephrine or dopamine in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 15, 845-9	3.5	46
382	Pilot monitoring study of ibuprofen in surface waters of north of Portugal. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 2410-20	5.1	45
381	Multiplexed electrochemical immunosensor for detection of celiac disease serological markers. <i>Sensors and Actuators B: Chemical</i> , 2013 , 187, 33-39	8.5	45
380	Development of a simple analytical method for the simultaneous determination of paracetamol, paracetamol-glucuronide and p-aminophenol in river water. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 930, 75-81	3.2	45
379	Voltammetric Oxidation of Drugs of Abuse I. Morphine and Metabolites. <i>Electroanalysis</i> , 2004 , 16, 1419-1426	3.4	45
378	Occurrence of bisphenol A, estrone, 17 β -estradiol and 17 α -ethinylestradiol in Portuguese rivers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 73-8	2.7	44
377	In Situ Synthesis of Silver Nanoparticles in a Hydrogel of Carboxymethyl Cellulose with Phthalated-Cashew Gum as a Promising Antibacterial and Healing Agent. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	44
376	Treatment of a simulated wastewater amended with a chiral pharmaceuticals mixture by an aerobic granular sludge sequencing batch reactor. <i>International Biodeterioration and Biodegradation</i> , 2016 , 115, 277-285	4.8	44
375	Lipid content of frozen fish: Comparison of different extraction methods and variability during freezing storage. <i>Food Chemistry</i> , 2012 , 131, 328-336	8.5	43
374	Electrochemical Methods in Pesticides Control. <i>Analytical Letters</i> , 2004 , 37, 1755-1791	2.2	43
373	Espresso beverages of pure origin coffee: mineral characterization, contribution for mineral intake and geographical discrimination. <i>Food Chemistry</i> , 2015 , 177, 330-8	8.5	42
372	Analysis of polycyclic aromatic hydrocarbons in fish: Optimisation and validation of microwave-assisted extraction. <i>Food Chemistry</i> , 2012 , 135, 234-242	8.5	42

371	Electrochemical evaluation of total antioxidant capacity of beverages using a purine-biosensor. <i>Food Chemistry</i> , 2012 , 132, 1055-1062	8.5	42
370	Determination of pesticides in fruit and fruit juices by chromatographic methods. An overview. <i>Journal of Chromatographic Science</i> , 2011 , 49, 715-30	1.4	42
369	Quaternized cashew gum: An anti-staphylococcal and biocompatible cationic polymer for biotechnological applications. <i>Carbohydrate Polymers</i> , 2017 , 157, 567-575	10.3	41
368	The influence of the extraction temperature on polyphenolic profiles and bioactivity of chamomile (<i>Matricaria chamomilla</i> L.) subcritical water extracts. <i>Food Chemistry</i> , 2019 , 271, 328-337	8.5	40
367	Simple laccase-based biosensor for formetanate hydrochloride quantification in fruits. <i>Bioelectrochemistry</i> , 2014 , 95, 7-14	5.6	40
366	Remediation of soils combining soil vapor extraction and bioremediation: benzene. <i>Chemosphere</i> , 2010 , 80, 823-8	8.4	40
365	Electrochemical determination of antioxidant capacities in flavored waters by guanine and adenine biosensors. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 591-9	11.8	40
364	Detection of the peanut allergen Ara h 6 in foodstuffs using a voltammetric biosensing approach. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 7157-63	4.4	39
363	Highly Monodisperse Fe ₃ O ₄ @Au Superparamagnetic Nanoparticles as Reproducible Platform for Genosensing Genetically Modified Organisms. <i>ACS Sensors</i> , 2016 , 1, 1044-1053	9.2	39
362	Electrochemical Biosensing in Cancer Diagnostics and Follow-up. <i>Electroanalysis</i> , 2018 , 30, 1584-1603	3	38
361	Assessment of polycyclic aromatic hydrocarbons in indoor and outdoor air of preschool environments (3-5 years old children). <i>Environmental Pollution</i> , 2016 , 208, 382-94	9.3	38
360	Quantum dots as nanolabels for breast cancer biomarker HER2-ECD analysis in human serum. <i>Talanta</i> , 2020 , 208, 120430	6.2	38
359	Chemical and biological screening of stinging nettle leaves extracts obtained by modern extraction techniques. <i>Industrial Crops and Products</i> , 2017 , 108, 423-430	5.9	37
358	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. <i>Food and Chemical Toxicology</i> , 2012 , 50, 162-7	4.7	37
357	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	2.4	37
356	Determination of 24 pesticide residues in fortified wines by solid-phase microextraction and gas chromatography-tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 6847-53	5.7	37
355	Influence of tobacco smoke on carcinogenic PAH composition in indoor PM ₁₀ and PM _{2.5} . <i>Atmospheric Environment</i> , 2009 , 43, 6376-6382	5.3	37
354	Characterisation of ginger extracts obtained by subcritical water. <i>Journal of Supercritical Fluids</i> , 2017 , 123, 92-100	4.2	36

353	Green zero-valent iron nanoparticles for the degradation of amoxicillin. <i>International Journal of Environmental Science and Technology</i> , 2017 , 14, 1109-1118	3.3	36
352	Determination of pharmaceuticals in groundwater collected in five cemeteries' areas (Portugal). <i>Science of the Total Environment</i> , 2016 , 569-570, 16-22	10.2	36
351	Total antioxidant capacity of plant infusions: Assessment using electrochemical DNA-based biosensor and spectrophotometric methods. <i>Food Control</i> , 2016 , 68, 153-161	6.2	36
350	Polycyclic aromatic hydrocarbons in primary school environments: Levels and potential risks. <i>Science of the Total Environment</i> , 2017 , 575, 1156-1167	10.2	36
349	Analysis of pesticide residues in strawberries and soils by GC-MS/MS, LC-MS/MS and two-dimensional GC-time-of-flight MS comparing organic and integrated pest management farming. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014 , 31, 262-70	3.2	36
348	Metal accumulation and oxidative stress biomarkers in octopus (<i>Octopus vulgaris</i>) from Northwest Atlantic. <i>Science of the Total Environment</i> , 2012 , 433, 230-7	10.2	36
347	Extraction of ochratoxin A in bread samples by the QuEChERS methodology. <i>Food Chemistry</i> , 2012 , 135, 2522-8	8.5	36
346	Ecotoxicity tests using the green algae <i>Chlorella vulgaris</i> --a useful tool in hazardous effluents management. <i>Journal of Hazardous Materials</i> , 2009 , 167, 179-85	12.8	36
345	Functionalized liposomes and phytosomes loading <i>Annona muricata</i> L. aqueous extract: Potential nanoshuttles for brain-delivery of phenolic compounds. <i>Phytomedicine</i> , 2018 , 42, 233-244	6.5	35
344	Ecotoxicological impact of two soil remediation treatments in <i>Lactuca sativa</i> seeds. <i>Chemosphere</i> , 2016 , 159, 193-198	8.4	35
343	The development and optimization of a modified single-drop microextraction method for organochlorine pesticides determination by gas chromatography-tandem mass spectrometry. <i>Mikrochimica Acta</i> , 2012 , 178, 195-202	5.8	35
342	Voltammetric Oxidation of Drugs of Abuse II. Codeine and Metabolites. <i>Electroanalysis</i> , 2004 , 16, 1427-1433	14.33	35
341	Response surface evaluation of microwave-assisted extraction conditions for <i>Lycium barbarum</i> bioactive compounds. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 33, 319-326	6.8	34
340	Remediation of sandy soils contaminated with hydrocarbons and halogenated hydrocarbons by soil vapour extraction. <i>Journal of Environmental Management</i> , 2012 , 104, 195-201	7.9	34
339	Electrocatalytic evaluation of DNA damage by superoxide radical for antioxidant capacity assessment. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 659, 43-49	4.1	34
338	Chayote (<i>Sechium edule</i>): A review of nutritional composition, bioactivities and potential applications. <i>Food Chemistry</i> , 2019 , 275, 557-568	8.5	34
337	Valorisation of underexploited <i>Castanea sativa</i> shells bioactive compounds recovered by supercritical fluid extraction with CO ₂ : A response surface methodology approach. <i>Journal of CO₂ Utilization</i> , 2020 , 40, 101194	7.6	33
336	Multi-elemental analysis of ready-to-eat "baby leaf" vegetables using microwave digestion and high-resolution continuum source atomic absorption spectrometry. <i>Food Chemistry</i> , 2014 , 151, 311-6	8.5	33

335	Flavored waters: influence of ingredients on antioxidant capacity and terpenoid profile by HS-SPME/GC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5062-72	5.7	33
334	Voltammetric Oxidation of Drugs of Abuse III. Heroin and Metabolites. <i>Electroanalysis</i> , 2004 , 16, 1497-1502		33
333	Development of a SPME-GC-ECD methodology for selected pesticides in must and wine samples. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 369, 647-51		33
332	Micro-QuEChERS extraction coupled to GC-MS for a fast determination of Bisphenol A in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1072, 9-16	3.2	33
331	Summer savory extracts prepared by novel extraction methods resulted in enhanced biological activity. <i>Industrial Crops and Products</i> , 2017 , 109, 875-881	5.9	32
330	Characterization and Biological Activities of Ocellatin Peptides from the Skin Secretion of the Frog <i>Leptodactylus pustulatus</i> . <i>Journal of Natural Products</i> , 2015 , 78, 1495-504	4.9	32
329	Lycopene-rich extract from red guava (<i>Psidium guajava</i> L.) displays cytotoxic effect against human breast adenocarcinoma cell line MCF-7 via an apoptotic-like pathway. <i>Food Research International</i> , 2018 , 105, 184-196	7	32
328	Determination of histamine in cheese by chronopotentiometry on a thin film mercury electrode. <i>Food Chemistry</i> , 2011 , 124, 1172-1176	8.5	32
327	Electrochemical Sensing Platforms for HER2-ECD Breast Cancer Biomarker Detection. <i>Electroanalysis</i> , 2019 , 31, 121-128	3	32
326	In situ formation of gold nanoparticles in polymer inclusion membrane: Application as platform in a label-free potentiometric immunosensor for <i>Salmonella typhimurium</i> detection. <i>Talanta</i> , 2019 , 194, 134-142	6.2	32
325	Fresh-cut aromatic herbs: Nutritional quality stability during shelf-life. <i>LWT - Food Science and Technology</i> , 2014 , 59, 101-107	5.4	31
324	Adsorption behavior of alpha -cypermethrin on cork and activated carbon. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007 , 42, 649-54	2.2	31
323	Antibiotics and antidepressants occurrence in surface waters and sediments collected in the north of Portugal. <i>Chemosphere</i> , 2020 , 239, 124729	8.4	31
322	Structure and function of a novel antioxidant peptide from the skin of tropical frogs. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 68-79	7.8	31
321	Synergistic and antibiofilm properties of ocellatin peptides against multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Future Microbiology</i> , 2018 , 13, 151-163	2.9	30
320	Removal of sulfamethoxazole from solution by raw and chemically treated walnut shells. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3096-106	5.1	30
319	Electroanalytical determination of paroxetine in pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 42, 341-6	3.5	30
318	Comparative in vitro studies of the biological potential and chemical composition of stems, leaves and berries <i>Aronia melanocarpa</i> 's extracts obtained by subcritical water extraction. <i>Food and Chemical Toxicology</i> , 2018 , 121, 458-466	4.7	30

317	Sertraline accumulation and effects in the estuarine decapod <i>Carcinus maenas</i> : importance of the history of exposure to chemical stress. <i>Journal of Hazardous Materials</i> , 2015 , 283, 350-8	12.8	29
316	Fast screening procedure for antibiotics in wastewaters by direct HPLC-DAD analysis. <i>Journal of Separation Science</i> , 2008 , 31, 2924-31	3.4	29
315	Determination of free formaldehyde in foundry resins as its 2,4-dinitrophenylhydrazone by liquid chromatography. <i>Analytica Chimica Acta</i> , 2002 , 467, 97-103	6.6	29
314	Adipose tissue dysfunction as a central mechanism leading to dysmetabolic obesity triggered by chronic exposure to p,p'-DDE. <i>Scientific Reports</i> , 2017 , 7, 2738	4.9	28
313	Individual and mixture toxicity evaluation of three pharmaceuticals to the germination and growth of <i>Lactuca sativa</i> seeds. <i>Science of the Total Environment</i> , 2019 , 673, 102-109	10.2	28
312	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, 4492-501	5.1	28
311	Structural, physical, and chemical modifications induced by microwave heating on native agar-like galactans. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 4977-85	5.7	28
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