

# Lucia Santos

## List of Publications by Year in Descending Order

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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.

73 papers	4,041 citations	31 h-index	63 g-index
77 ext. papers	4,767 ext. citations	6.5 avg, IF	6.32 L-index

#	Paper	IF	Citations
73	A Potential Valorization Strategy of Wine Industry by-Products and Their Application in Cosmetics-Case Study: Grape Pomace and Grapeseed.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	4
72	Parabens as emerging contaminants: Environmental persistence, current practices and treatment processes. <i>Journal of Cleaner Production</i> , <b>2022</b> , 347, 131244	10.3	2
71	Simultaneous Distillation-Extraction of Essential Oils from <i>Rosmarinus officinalis</i> L.. <i>Cosmetics</i> , <b>2021</b> , 8, 117	2.7	5
70	Propolis microencapsulation by double emulsion solvent evaporation approach: Comparison of different polymeric matrices and extract to polymer ratio. <i>Food and Bioproducts Processing</i> , <b>2021</b> , 127, 408-425	4.9	0
69	Modified dispersive solid-phase extraction and cleanup followed by GC-MS/MS analysis to quantify ultraviolet filters and synthetic musk compounds in soil samples. <i>Journal of Separation Science</i> , <b>2021</b> , 44, 3107-3116	3.4	0
68	Deriving valorization of phenolic compounds from olive oil by-products for food applications through microencapsulation approaches: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 61, 920-945	11.5	18
67	Bioactive compounds of garlic: A comprehensive review of encapsulation technologies, characterization of the encapsulated garlic compounds and their industrial applicability. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 114, 232-244	15.3	16
66	Microencapsulation of organosulfur compounds from garlic oil using $\beta$ -cyclodextrin and complex of soy protein isolate and chitosan as wall materials: A comparative study. <i>Powder Technology</i> , <b>2021</b> , 390, 103-111	5.2	11
65	Uptake and translocation of UV-filters and synthetic musk compounds into edible parts of tomato grown in amended soils. <i>Science of the Total Environment</i> , <b>2021</b> , 792, 148482	10.2	1
64	Encapsulation of the Antioxidant Tyrosol and Characterization of Loaded Microparticles: an Integrative Approach on the Study of the Polymer-Carriers and Loading Contents. <i>Food and Bioprocess Technology</i> , <b>2020</b> , 13, 764-785	5.1	9
63	New insights in the in vitro release of phenolic antioxidants: The case study of the release behavior of tyrosol from tyrosol-loaded ethylcellulose microparticles during the in vitro gastrointestinal digestion. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 196, 111339	6	4
62	Mining for Peaks in LC-HRMS Datasets Using Finnee - A Case Study with Exhaled Breath Condensates from Healthy, Asthmatic, and COPD Patients. <i>ACS Omega</i> , <b>2020</b> , 5, 16089-16098	3.9	2
61	Analytical methodology to screen UV-filters and synthetic musk compounds in market tomatoes. <i>Chemosphere</i> , <b>2020</b> , 238, 124605	8.4	8
60	Application of experimental design methodology to optimize antibiotics removal by walnut shell based activated carbon. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 168-176	10.2	54
59	Microencapsulation of caffeic acid and its release using a w/o/w double emulsion method: Assessment of formulation parameters. <i>Drying Technology</i> , <b>2019</b> , 37, 950-961	2.6	18
58	Essential oil of pennyroyal ( <i>Mentha pulegium</i> ): Composition and applications as alternatives to pesticides-New tendencies. <i>Industrial Crops and Products</i> , <b>2019</b> , 139, 111534	5.9	31
57	Simultaneous determination of synthetic musks and UV-filters in water matrices by dispersive liquid-liquid microextraction followed by gas chromatography tandem mass-spectrometry. <i>Journal of Chromatography A</i> , <b>2019</b> , 1590, 47-57	4.5	18

56	Development and optimization of a QuEChERS-GC-MS/MS methodology to analyse ultraviolet-filters and synthetic musks in sewage sludge. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 2606-2614	10.2	15
55	Reply to comments on "Volatile methylsiloxanes in personal care products - Using QuEChERS as a "green" analytical approach" published in <i>Talanta</i> 174 (2017) 156-157. <i>Talanta</i> , <b>2018</b> , 179, 485-489	6.2	1
54	Double emulsion solvent evaporation approach as a novel eugenol delivery system Optimization by response surface methodology. <i>Industrial Crops and Products</i> , <b>2018</b> , 126, 287-301	5.9	15
53	Inclusion of hydroxytyrosol in ethyl cellulose microparticles: In vitro release studies under digestion conditions. <i>Food Hydrocolloids</i> , <b>2018</b> , 84, 104-116	10.6	25
52	Assessing seasonal variation of synthetic musks in beach sands from Oporto coastal area: A case study. <i>Environmental Pollution</i> , <b>2017</b> , 226, 190-197	9.3	17
51	Design of experiments for microencapsulation applications: A review. <i>Materials Science and Engineering C</i> , <b>2017</b> , 77, 1327-1340	8.3	113
50	An approach to the environmental prioritisation of volatile methylsiloxanes in several matrices. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 506-513	10.2	14
49	Delivery systems for cosmetics - From manufacturing to the skin of natural antioxidants. <i>Powder Technology</i> , <b>2017</b> , 322, 402-416	5.2	95
48	Antibiotics in the aquatic environments: A review of the European scenario. <i>Environment International</i> , <b>2016</b> , 94, 736-757	12.9	536
47	Ultrasound-assisted dispersive liquid-liquid microextraction for the determination of synthetic musk fragrances in aqueous matrices by gas chromatography-mass spectrometry. <i>Talanta</i> , <b>2016</b> , 148, 84-93	6.2	40
46	Encapsulation of cosmetic active ingredients for topical application--a review. <i>Journal of Microencapsulation</i> , <b>2016</b> , 33, 1-17	3.4	120
45	A review of organic UV-filters in wastewater treatment plants. <i>Environment International</i> , <b>2016</b> , 86, 24-44	12.9	149
44	From the shop to the drain - Volatile methylsiloxanes in cosmetics and personal care products. <i>Environment International</i> , <b>2016</b> , 92-93, 50-62	12.9	49
43	Volatile methylsiloxanes in personal care products - Using QuEChERS as a "green" analytical approach. <i>Talanta</i> , <b>2016</b> , 155, 94-100	6.2	13
42	Risk of Children's Dermal Exposure to Galaxolide through Personal Care Products. <i>Cosmetics</i> , <b>2015</b> , 2, 93-109	2.7	1
41	Scented traces--Dermal exposure of synthetic musk fragrances in personal care products and environmental input assessment. <i>Chemosphere</i> , <b>2015</b> , 139, 276-87	8.4	13
40	Synthesis of a Molecularly Imprinted Polymer for Melamine Analysis in Milk by HPLC with Diode Array Detection. <i>Advances in Polymer Technology</i> , <b>2015</b> , 34, n/a-n/a	1.9	8
39	Long lasting perfume--a review of synthetic musks in WWTPs. <i>Journal of Environmental Management</i> , <b>2015</b> , 149, 168-92	7.9	66

38	Prioritisation approach to score and rank synthetic musk compounds for environmental risk assessment. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2015</b> , 90, 1619-1630	3.5	8
37	Advances in analytical methods and occurrence of organic UV-filters in the environment--A review. <i>Science of the Total Environment</i> , <b>2015</b> , 526, 278-311	10.2	185
36	An analytical multi-residue approach for the determination of semi-volatile organic pollutants in pine needles. <i>Analytica Chimica Acta</i> , <b>2015</b> , 858, 24-31	6.6	24
35	Real Options versus Traditional Methods to assess Renewable Energy Projects. <i>Renewable Energy</i> , <b>2014</b> , 68, 588-594	8.1	68
34	Development and Validation of a Fast Procedure To Analyze Amoxicillin in River Waters by Direct-Injection LCMS/MS. <i>Journal of Chemical Education</i> , <b>2014</b> , 91, 1961-1965	2.4	15
33	Biomonitoring of pesticides by pine needles--chemical scoring, risk of exposure, levels and trends. <i>Science of the Total Environment</i> , <b>2014</b> , 476-477, 114-24	10.2	26
32	Microwave-assisted Fenton <sup>®</sup> oxidation of amoxicillin. <i>Chemical Engineering Journal</i> , <b>2013</b> , 220, 35-44	14.7	59
31	Microencapsulation with chitosan by spray drying for industry applications [A review. <i>Trends in Food Science and Technology</i> , <b>2013</b> , 31, 138-155	15.3	202
30	New analytical method for the determination of musks in personal care products by Quick, Easy, Cheap, Effective, Rugged, and Safe extraction followed by GC-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 2176-84	3.4	23
29	Uncertainty in the Determination of Glucose and Sucrose in Solutions with Chitosan by Enzymatic Methods. <i>Journal of the Brazilian Chemical Society</i> , <b>2013</b> ,	1.5	3
28	Removal of sulfamethoxazole from solution by raw and chemically treated walnut shells. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3096-106	5.1	30
27	Different extraction approaches for the biomonitoring of pesticides in pine needles. <i>Environmental Technology (United Kingdom)</i> , <b>2012</b> , 33, 2359-68	2.6	3
26	Response surface optimisation applied to a headspace-solid phase microextraction-gas chromatography-mass spectrometry method for the analysis of volatile organic compounds in water matrices. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2012</b> , 92, 166-189	1.8	6
25	Melamine and Cyanuric Acid in Foodstuffs and Pet Food: Method Validation and Sample Screening. <i>Analytical Letters</i> , <b>2012</b> , 45, 613-624	2.2	10
24	Degradation and removal methods of antibiotics from aqueous matrices--a review. <i>Journal of Environmental Management</i> , <b>2011</b> , 92, 2304-47	7.9	877
23	Pine needles as passive bio-samplers to determine polybrominated diphenyl ethers. <i>Chemosphere</i> , <b>2011</b> , 85, 247-52	8.4	35
22	Optimisation and validation of an analytical methodology for selected pesticides in waters by solid-phase extraction and liquid chromatography with ion-trap mass spectrometry detection. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2010</b> , 90, 205-218	1.8	6
21	Amoxicillin removal from aqueous matrices by sorption with almond shell ashes. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2010</b> , 90, 1063-1084	1.8	34

20	Amoxicillin degradation at ppb levels by Fenton's oxidation using design of experiments. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 6272-80	10.2	91
19	Preliminary feasibility study of benzo(a)pyrene oxidative degradation by Fenton treatment. <i>Journal of Environmental and Public Health</i> , <b>2009</b> , 2009, 149034	2.6	13
18	Uncertainty in the determination of glucose in aqueous solutions by high-performance liquid chromatography with evaporative light scattering detection. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 3116-25	3.4	11
17	Interference of chitosan in glucose analysis by high-performance liquid chromatography with evaporative light scattering detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 1183-8	4.4	7
16	Fast screening procedure for antibiotics in wastewaters by direct HPLC-DAD analysis. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 2924-31	3.4	29
15	Simultaneous distillation-extraction of high-value volatile compounds from <i>Cistus ladanifer</i> L. <i>Analytica Chimica Acta</i> , <b>2007</b> , 584, 439-46	6.6	48
14	Removal of 2,4-dichlorophenol and pentachlorophenol from waters by sorption using coal fly ash from a Portuguese thermal power plant. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 143, 535-40	12.8	57
13	Development and validation of a novel method for the analysis of chlorinated pesticides in soils using microwave-assisted extraction-headspace solid phase microextraction and gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 384, 810-6	4.4	38
12	Determination of semi-volatile priority pollutants in landfill leachates and sediments using microwave-assisted headspace solid-phase microextraction. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 386, 324-31	4.4	37
11	Degradation of Ochratoxin A by Proteases and by a Crude Enzyme of <i>Aspergillus niger</i> . <i>Food Biotechnology</i> , <b>2006</b> , 20, 231-242	2.2	80
10	Experimental Design of 2,4-Dichlorophenol Oxidation by Fenton's Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2006</b> , 45, 1266-1276	3.9	87
9	Analysis of PCBs in soils and sediments by microwave-assisted extraction, headspace-SPME and high resolution gas chromatography with ion-trap tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2006</b> , 86, 391-400	1.8	27
8	Uncertainty associated to the analysis of organochlorine pesticides in water by solid-phase microextraction/gas chromatography-electron capture detection--evaluation using two different approaches. <i>Analytica Chimica Acta</i> , <b>2006</b> , 573-574, 202-8	6.6	39
7	Pentachlorophenol removal from aqueous matrices by sorption with almond shell residues. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 137, 1175-81	12.8	51
6	Screening of grapes and wine for azoxystrobin, kresoxim-methyl and trifloxystrobin fungicides by HPLC with diode array detection. <i>Food Additives and Contaminants</i> , <b>2005</b> , 22, 549-56		50
5	Analysis of organic acids in wines by Fourier-transform infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 382, 421-5	4.4	33
4	Spectroscopic interferences in Fourier transform infrared wine analysis. <i>Analytica Chimica Acta</i> , <b>2004</b> , 513, 263-268	6.6	46
3	Direct determination of chlorophenols in landfill leachates by solid-phase micro-extraction-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2002</b> , 975, 267-74	4.5	130

2	Organochlorine Pesticides Removal by Pinus Bark Sorption. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 631-634	10.3	62
1	Extraction and encapsulation of bioactive compounds from olive mill pomace: influence of loading content on the physicochemical and structural properties of microparticles. <i>Journal of Food Measurement and Characterization</i> ,1	2.8	0