

Jos Manuel Nogueira

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156
papers

5,876
citations

44
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71
g-index

159
ext. papers

6,459
ext. citations

4.5
avg, IF

6.02
L-index

#	Paper	IF	Citations
156	Chemical composition and antibacterial and antioxidant properties of commercial essential oils. <i>Industrial Crops and Products</i> , 2013 , 43, 587-595	5.9	273
155	Activated carbons for the adsorption of ibuprofen. <i>Carbon</i> , 2007 , 45, 1979-1988	10.4	271
154	Antioxidant and antiacetylcholinesterase activities of five plants used as Portuguese food spices. <i>Food Chemistry</i> , 2007 , 103, 778-786	8.5	254
153	Waste-derived activated carbons for removal of ibuprofen from solution: role of surface chemistry and pore structure. <i>Bioresource Technology</i> , 2009 , 100, 1720-6	11	179
152	Determination of steroid sex hormones in water and urine matrices by stir bar sorptive extraction and liquid chromatography with diode array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 1303-11	3.5	168
151	Chemical composition and bioactivity of different oregano (<i>Origanum vulgare</i>) extracts and essential oil. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 2707-14	4.3	159
150	Considerations on ultra-trace analysis of phthalates in drinking water. <i>Water Research</i> , 2006 , 40, 2572-82	12.5	157
149	Characterization of the aroma profile of Madeira wine by sorptive extraction techniques. <i>Analytica Chimica Acta</i> , 2005 , 546, 11-21	6.6	144
148	European pennyroyal (<i>Mentha pulegium</i>) from Portugal: Chemical composition of essential oil and antioxidant and antimicrobial properties of extracts and essential oil. <i>Industrial Crops and Products</i> , 2012 , 36, 81-87	5.9	120
147	Advances in stir bar sorptive extraction for the determination of acidic pharmaceuticals in environmental water matrices Comparison between polyurethane and polydimethylsiloxane polymeric phases. <i>Journal of Chromatography A</i> , 2008 , 1209, 10-6	4.5	120
146	Multi-residue screening of endocrine disrupters chemicals in water samples by stir bar sorptive extraction-liquid desorption-capillary gas chromatography-mass spectrometry detection. <i>Analytica Chimica Acta</i> , 2004 , 517, 21-32	6.6	110
145	Novel sorption-based methodologies for static microextraction analysis: A review on SBSE and related techniques. <i>Analytica Chimica Acta</i> , 2012 , 757, 1-10	6.6	103
144	Stir-bar sorptive extraction: 15 years making sample preparation more environment-friendly. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 214-223	14.6	102
143	Photosensitization of TiO ₂ by Ag ₂ S and its catalytic activity on phenol photodegradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 204, 168-173	4.7	95
142	An amperometric biosensor for polyphenolic compounds in red wine. <i>Biosensors and Bioelectronics</i> , 2004 , 20, 1211-6	11.8	95
141	Development, optimisation and application of polyurethane foams as new polymeric phases for stir bar sorptive extraction. <i>Journal of Chromatography A</i> , 2007 , 1171, 8-14	4.5	89
140	Adsorptive micro-extraction techniques--novel analytical tools for trace levels of polar solutes in aqueous media. <i>Journal of Chromatography A</i> , 2010 , 1217, 7303-10	4.5	85

139	Quantification approach for assessment of sparkling wine volatiles from different soils, ripening stages, and varieties by stir bar sorptive extraction with liquid desorption. <i>Analytica Chimica Acta</i> , 2009 , 635, 214-21	6.6	84
138	Development of a stir-bar-sorptive extraction-liquid desorption-large-volume injection capillary gas chromatographic-mass spectrometric method for pyrethroid pesticides in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1141-51	4.4	81
137	Phenolic composition and antioxidant activity of Rocha pear and other pear cultivars [A comparative study. <i>Journal of Functional Foods</i> , 2010 , 2, 153-157	5.1	76
136	Optimization of Polyurethane Foams for Enhanced Stir Bar Sorptive Extraction of Triazinic Herbicides in Water Matrices. <i>Talanta</i> , 2008 , 77, 765-773	6.2	75
135	Multiresidue screening of neutral pesticides in water samples by high performance liquid chromatography-electrospray mass spectrometry. <i>Analytica Chimica Acta</i> , 2004 , 505, 209-215	6.6	75
134	Plant extracts with anti-inflammatory properties--a new approach for characterization of their bioactive compounds and establishment of structure-antioxidant activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 1876-83	3.4	73
133	Use of experimental design in the optimization of stir bar sorptive extraction for the determination of polybrominated diphenyl ethers in environmental matrices. <i>Journal of Chromatography A</i> , 2007 , 1141, 259-70	4.5	72
132	Phenolic composition, antioxidant potential and in vitro inhibitory activity of leaves and acorns of <i>Quercus suber</i> on key enzymes relevant for hyperglycemia and Alzheimer's disease. <i>Industrial Crops and Products</i> , 2015 , 64, 45-51	5.9	69
131	New approach on trace analysis of triclosan in personal care products, biological and environmental matrices. <i>Talanta</i> , 2008 , 74, 1498-504	6.2	69
130	Considerations on ultra trace analysis of carbamates in water samples. <i>Journal of Chromatography A</i> , 2003 , 996, 133-40	4.5	66
129	<i>Euphorbia denticulata</i> Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 87, 27-36	7.5	64
128	Stable isotope analysis for green coffee bean: A possible method for geographic origin discrimination. <i>Journal of Food Composition and Analysis</i> , 2009 , 22, 463-471	4.1	62
127	Antioxidant and antimicrobial activity of <i>Satureja montana</i> L. extracts. <i>Journal of the Science of Food and Agriculture</i> , 2011 , 91, 1554-60	4.3	61
126	Antioxidant and antiacetylcholinesterase activities of essential oils from <i>Cymbopogon schoenanthus</i> L. Spreng. Determination of chemical composition by GC-mass spectrometry and ¹³ C NMR. <i>Food Chemistry</i> , 2008 , 109, 630-637	8.5	61
125	In vitro antioxidant and anti-inflammatory properties of <i>Limonium algarvense</i> flowers [Infusions and decoctions: A comparison with green tea (<i>Camellia sinensis</i>). <i>Food Chemistry</i> , 2016 , 200, 322-9	8.5	59
124	Determination of organochlorine pesticides in vegetable matrices by stir bar sorptive extraction with liquid desorption and large volume injection-gas chromatography-mass spectrometry towards compliance with European Union directives. <i>Journal of Chromatography A</i> , 2010 , 1217, 119-26	4.5	59
123	Composition of volatiles of banana cultivars from Madeira Island. <i>Phytochemical Analysis</i> , 2003 , 14, 87-90	3.4	57
122	Antioxidant and antibacterial activity of essential oil and extracts of bay laurel <i>Laurus nobilis</i> Linnaeus (Lauraceae) from Portugal. <i>Natural Product Research</i> , 2012 , 26, 518-29	2.3	55

121	Essential oils from micropropagated plants of <i>Lavandula viridis</i> . <i>Phytochemical Analysis</i> , 2002 , 13, 4-7	3.4	53
120	Optimisation of stir bar sorptive extraction and liquid desorption combined with large volume injection-gas chromatography-quadrupole mass spectrometry for the determination of volatile compounds in wines. <i>Analytica Chimica Acta</i> , 2008 , 624, 79-89	6.6	51
119	Effect of solution pH on the removal of clofibric acid by cork-based activated carbons. <i>Carbon</i> , 2010 , 48, 972-980	10.4	49
118	Comparison of the selectivity of different sorbent phases for bar adsorptive microextraction--application to trace level analysis of fungicides in real matrices. <i>Journal of Chromatography A</i> , 2012 , 1265, 7-16	4.5	48
117	Phytochemical profile and anticholinesterase and antimicrobial activities of supercritical versus conventional extracts of <i>Satureja montana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 11557-63	5.7	48
116	Unravelling the antioxidant potential and the phenolic composition of different anatomical organs of the marine halophyte <i>Limonium algarvense</i> . <i>Industrial Crops and Products</i> , 2015 , 77, 315-322	5.9	47
115	Phytochemical profile, antioxidant and cytotoxic activities of the carob tree (<i>Ceratonia siliqua</i> L.) germ flour extracts. <i>Plant Foods for Human Nutrition</i> , 2011 , 66, 78-84	3.9	47
114	Determination of trace levels of benzophenone-type ultra-violet filters in real matrices by bar adsorptive micro-extraction using selective sorbent phases. <i>Journal of Chromatography A</i> , 2013 , 1311, 1-10	4.5	45
113	Isotopes as tracers of the Hawaiian coffee-producing regions. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 10239-46	5.7	45
112	Determination of trace levels of parabens in real matrices by bar adsorptive microextraction using selective sorbent phases. <i>Journal of Chromatography A</i> , 2014 , 1348, 17-26	4.5	44
111	Isololiolide, a carotenoid metabolite isolated from the brown alga <i>Cystoseira tamariscifolia</i> , is cytotoxic and able to induce apoptosis in hepatocarcinoma cells through caspase-3 activation, decreased Bcl-2 levels, increased p53 expression and PARP cleavage. <i>Phytomedicine</i> , 2016 , 23, 550-7	6.5	43
110	Combining stir-bar sorptive extraction and large volume injection-gas chromatography-mass spectrometry for the determination of benzotriazole UV stabilizers in wastewater matrices. <i>Journal of Separation Science</i> , 2012 , 35, 459-67	3.4	43
109	Antioxidant and cytotoxic activities of carob tree fruit pulps are strongly influenced by gender and cultivar. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 7005-12	5.7	43
108	Determination of glyoxal and methylglyoxal in environmental and biological matrices by stir bar sorptive extraction with in-situ derivatization. <i>Journal of Chromatography A</i> , 2007 , 1169, 47-52	4.5	43
107	Powdered activated carbons as effective phases for bar adsorptive micro-extraction (BAE) to monitor levels of triazinic herbicides in environmental water matrices. <i>Talanta</i> , 2011 , 83, 1643-9	6.2	42
106	Searching for new sources of innovative products for the food industry within halophyte aromatic plants: In vitro antioxidant activity and phenolic and mineral contents of infusions and decoctions of <i>Crithmum maritimum</i> L. <i>Food and Chemical Toxicology</i> , 2017 , 107, 581-589	4.7	41
105	Anti-acetylcholinesterase and antioxidant activity of essential oils from <i>Hedychium gardnerianum</i> Sheppard ex Ker-Gawl. <i>Molecules</i> , 2012 , 17, 3082-92	4.8	40
104	Stir-bar-sorptive extraction and liquid desorption combined with large-volume injection gas chromatography-mass spectrometry for ultra-trace analysis of musk compounds in environmental water matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 1853-62	4.4	38

103	Development of a bar adsorptive micro-extraction-large-volume injection-gas chromatography-mass spectrometric method for pharmaceuticals and personal care products in environmental water matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1355-64	4.4	37
102	Cork-based activated carbons as supported adsorbent materials for trace level analysis of ibuprofen and clofibrac acid in environmental and biological matrices. <i>Journal of Chromatography A</i> , 2011 , 1218, 6263-70	4.5	37
101	Potentialities of two solventless extraction approaches--stir bar sorptive extraction and headspace solid-phase microextraction for determination of higher alcohol acetates, isoamyl esters and ethyl esters in wines. <i>Talanta</i> , 2009 , 80, 622-30	6.2	36
100	Non-toxic <i>Salvia sclareoides</i> Brot. extracts as a source of functional food ingredients: Phenolic profile, antioxidant activity and prion binding properties. <i>Food Chemistry</i> , 2012 , 132, 1930-1935	8.5	33
99	Determination of steroid sex hormones in real matrices by bar adsorptive microextraction (BAE). <i>Talanta</i> , 2015 , 136, 145-54	6.2	32
98	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. <i>Marine Drugs</i> , 2015 , 13, 3531-49	6	31
97	New strategies to screen for endocrine-disrupting chemicals in the Portuguese marine environment utilizing large volume injection-capillary gas chromatography-mass spectrometry combined with retention time locking libraries (LVI-GC-MS-RTL). <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 2569-83	4.4	31
96	Nitrogen donor ligands bearing NH groups: Effect on catalytic and cytotoxic activity of molybdenum β -allyldicarbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 3411-3418	2.3	31
95	Combining stir bar sorptive extraction and MEKC for the determination of polynuclear aromatic hydrocarbons in environmental and biological matrices. <i>Electrophoresis</i> , 2006 , 27, 4694-702	3.6	31
94	Chemical composition of essential oil of <i>Psidium guajava</i> L. growing in Tunisia. <i>Industrial Crops and Products</i> , 2014 , 52, 29-31	5.9	30
93	Metabolic profile and biological activities of <i>Lavandula pedunculata</i> subsp. <i>lusitanica</i> (Chaytor) Franco: studies on the essential oil and polar extracts. <i>Food Chemistry</i> , 2013 , 141, 2501-6	8.5	29
92	Photoactive extracts from <i>Thevetia peruviana</i> with antifungal properties against <i>Cladosporium cucumerinum</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2003 , 70, 51-4	6.7	29
91	Biochemical profile and in vitro neuroprotective properties of <i>Carpobrotus edulis</i> L., a medicinal and edible halophyte native to the coast of South Africa. <i>South African Journal of Botany</i> , 2017 , 111, 222-231	2.9	27
90	Improvements on bar adsorptive microextraction (BAE) technique--application for the determination of insecticide repellents in environmental water matrices. <i>Talanta</i> , 2014 , 120, 126-34	6.2	27
89	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012 , 31, 4495-4503	3.8	27
88	Determination of short-chain carbonyl compounds in drinking water matrices by bar adsorptive micro-extraction (BAE) with in situ derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 3155-63	4.4	27
87	Extracts from <i>Quercus</i> sp. acorns exhibit in vitro neuroprotective features through inhibition of cholinesterase and protection of the human dopaminergic cell line SH-SY5Y from hydrogen peroxide-induced cytotoxicity. <i>Industrial Crops and Products</i> , 2013 , 45, 114-120	5.9	25
86	Down-regulation of fatty acid synthase increases the resistance of <i>Saccharomyces cerevisiae</i> cells to H ₂ O ₂ . <i>Free Radical Biology and Medicine</i> , 2007 , 43, 1458-65	7.8	25

85	Bar adsorptive microextraction (BAE) coated with mixed sorbent phases-Enhanced selectivity for the determination of non-steroidal anti-inflammatory drugs in real matrices in combination with capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1008, 115-124	3.2	24
84	Analysis of the volatiles emitted by whole flowers and isolated flower organs of the carob tree using HS-SPME-GC/MS. <i>Journal of Chemical Ecology</i> , 2006 , 32, 929-42	2.7	24
83	Analytical characterization of madeira wine. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 566-75	5.7	24
82	Novel in vitro and in silico insights of the multi-biological activities and chemical composition of <i>Bidens tripartita</i> L. <i>Food and Chemical Toxicology</i> , 2018 , 111, 525-536	4.7	23
81	Potentialities of polyurethane foams for trace level analysis of triazinic metabolites in water matrices by stir bar sorptive extraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 3707-10	4.5	22
80	Enhancement for trace analysis of sulfonamide antibiotics in water matrices using bar adsorptive microextraction (BAE). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 129, 593-599	3.5	21
79	In vitro antioxidant and inhibitory activity of water decoctions of carob tree (<i>Ceratonia siliqua</i> L.) on cholinesterases, α -amylase and α -glucosidase. <i>Natural Product Research</i> , 2015 , 29, 2155-9	2.3	21
78	Determination of tributyltin in environmental water matrices using stir bar sorptive extraction with in-situ derivatisation and large volume injection-gas chromatography-mass spectrometry. <i>Talanta</i> , 2014 , 126, 8-11	6.2	21
77	New-generation bar adsorptive microextraction (BAE) devices for a better eco-user-friendly analytical approach-Application for the determination of antidepressant pharmaceuticals in biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 153, 126-134	3.5	20
76	Refining and Separation of Crude Tall-Oil Components. <i>Separation Science and Technology</i> , 1996 , 31, 2307-2316	2.5	20
75	Unlocking the in vitro anti-inflammatory and antidiabetic potential of <i>Polygonum maritimum</i> . <i>Pharmaceutical Biology</i> , 2017 , 55, 1348-1357	3.8	19
74	Organotin speciation in environmental matrices by automated on-line hydride generation-programmed temperature vaporization-capillary gas chromatography-mass spectrometry detection. <i>Journal of Chromatography A</i> , 2005 , 1094, 130-7	4.5	19
73	Application of bar adsorptive microextraction (BAE) for anti-doping control screening of anabolic steroids in urine matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 969, 35-41	3.2	17
72	Development and application of stir bar sorptive extraction with polyurethane foams for the determination of testosterone and methenolone in urine matrices. <i>Journal of Chromatographic Science</i> , 2011 , 49, 297-302	1.4	17
71	Base-metals and organic content in stream sediments in the vicinity of a landfill. <i>Applied Geochemistry</i> , 2004 , 19, 137-151	3.5	17
70	Headspace-SPME of in vitro shoot-cultures and micropropagated plants of <i>Lavandula viridis</i> . <i>Biologia Plantarum</i> , 2008 , 52, 133-136	2.1	16
69	Wild vs cultivated halophytes: Nutritional and functional differences. <i>Food Chemistry</i> , 2020 , 333, 127536	8.5	16
68	Profiling of antioxidant potential and phytoconstituents of <i>Plantago coronopus</i> . <i>Brazilian Journal of Biology</i> , 2017 , 77, 632-641	1.5	15

67	Development of a powdered activated carbon in bar adsorptive micro-extraction for the analysis of morphine and codeine in human urine. <i>Journal of Chromatographic Science</i> , 2012 , 50, 574-81	1.4	15
66	Levels of tributyltin in sediments from Tagus estuary nature reserve. <i>Estuaries and Coasts</i> , 2003 , 26, 798-802		15
65	Analysis of methylglyoxal in water and biological matrices by capillary zone electrophoresis with diode array detection. <i>Electrophoresis</i> , 2005 , 26, 1760-7	3.6	15
64	Lipid composition and some bioactivities of 3 newly isolated microalgae (<i>Tetraselmis</i> sp. IMP3, <i>Tetraselmis</i> sp. CTP4, and <i>Skeletonema</i> sp.). <i>Aquaculture International</i> , 2020 , 28, 711-727	2.6	15
63	High throughput bar adsorptive microextraction: A novel cost-effective tool for monitoring benzodiazepines in large number of biological samples. <i>Talanta</i> , 2019 , 199, 195-202	6.2	14
62	Determination of mitragynine in urine matrices by bar adsorptive microextraction and HPLC analysis. <i>Talanta</i> , 2015 , 144, 105-9	6.2	14
61	Plumbagin recovery from field specimens of <i>Drosophyllum lusitanicum</i> (L.) link. <i>Phytochemical Analysis</i> , 2008 , 19, 229-35	3.4	14
60	Phenol electrooxidation on Fe-Co ₃ O ₄ thin film electrodes in alkaline medium. <i>Chemosphere</i> , 2012 , 86, 341-7	8.4	13
59	Application of bar adsorptive microextraction to determine trace organic micro-pollutants in environmental water matrices. <i>International Journal of Environmental Analytical Chemistry</i> , 2017 , 97, 484-498	1.8	12
58	Insight into the biological properties and phytochemical composition of <i>Ballota macrodonta</i> Boiss. et Balansa, an endemic medicinal plant from Turkey. <i>Industrial Crops and Products</i> , 2018 , 113, 422-428	5.9	12
57	In vitro antitumoral activity of compounds isolated from <i>Artemisia gorgonum</i> Webb. <i>Phytotherapy Research</i> , 2014 , 28, 1329-34	6.7	12
56	Coupling sea lavender (<i>Limonium algarvense</i> Erben) and green tea (<i>Camellia sinensis</i> (L.) Kuntze) to produce an innovative herbal beverage with enhanced enzymatic inhibitory properties. <i>South African Journal of Botany</i> , 2019 , 120, 87-94	2.9	12
55	Sea rose (<i>Armeria pungens</i> (Link) Hoffmanns. & Link) as a potential source of innovative industrial products for anti-ageing applications. <i>Industrial Crops and Products</i> , 2018 , 121, 250-257	5.9	12
54	Hollow fiber microextraction: a new hybrid microextraction technique for trace analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 2911-2920	4.4	11
53	Determination of trace levels of triazines in corn matrices by bar adsorptive microextraction with a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2016 , 39, 756-61	3.4	11
52	Recovery of high purity plumbagin from <i>Drosera intermedia</i> . <i>Industrial Crops and Products</i> , 2012 , 35, 257-260	3.9	11
51	Bar adsorptive microextraction coated with multi-walled carbon nanotube phases - Application for trace analysis of pharmaceuticals in environmental waters. <i>Journal of Chromatography A</i> , 2019 , 1600, 17-22	4.5	10
50	Determination of phenol compounds in surface water matrices by bar adsorptive microextraction-high performance liquid chromatography-diode array detection. <i>Molecules</i> , 2014 , 19, 9369-79	4.8	10

49	Combining bar adsorptive microextraction with capillary electrophoresis--application for the determination of phenolic acids in food matrices. <i>Electrophoresis</i> , 2014 , 35, 2488-94	3.6	10
48	Static headspace analysis using polyurethane phases--application to roasted coffee volatiles characterization. <i>Talanta</i> , 2012 , 89, 521-5	6.2	10
47	Preparation of lead and tin oxide thin films by spin coating and their application on the electrodegradation of organic pollutants. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 41-47	2.6	10
46	Sex and developmental stage of carob flowers affects composition of volatiles. <i>Journal of Horticultural Science and Biotechnology</i> , 2004 , 79, 689-692	1.9	9
45	A comparative study of the in vitro enzyme inhibitory and antioxidant activities of <i>Butea monosperma</i> (Lam.) Taub. and <i>Sesbania grandiflora</i> (L.) Poiret from Pakistan: New sources of natural products for public health problems. <i>South African Journal of Botany</i> , 2019 , 120, 146-156	2.9	9
44	Bar adsorptive microextraction technique - application for the determination of pharmaceuticals in real matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 2093-2106	4.4	8
43	Chromatographic methods for the analysis of crude tall-oil. <i>Journal of High Resolution Chromatography</i> , 1995 , 18, 425-432		8
42	First report of the in vitro antileishmanial properties of extremophile plants from the Algarve Coast. <i>Natural Product Research</i> , 2018 , 32, 600-604	2.3	7
41	Exploring <i>Caralluma europaea</i> (Guss.) N.E.Br. as a potential source of bioactive molecules: In vitro antioxidant and antidiabetic properties, and phenolic profile of crude extracts and fractions. <i>Industrial Crops and Products</i> , 2019 , 139, 111527	5.9	7
40	Influence of salt stress on essential oil yield and composition of lemon grass (<i>Cymbopogon schoenanthus</i> L. Spreng. ssp. <i>Laniger</i> (Hook) Maire et Weil). <i>Natural Product Research</i> , 2011 , 25, 108-17	2.3	7
39	Chemical Variability of Two Essential Oils of Tunisian Rue: <i>Ruta montana</i> and <i>Ruta chalepensis</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014 , 17, 445-451	1.7	6
38	EPTIS: The new European database of proficiency testing schemes for analytical laboratories. <i>TrAC - Trends in Analytical Chemistry</i> , 2001 , 20, 457-461	14.6	6
37	Microextração adsorptiva em barra (BAµE): Um conceito analítico inovador para microextração estática. <i>Scientia Chromatographica</i> , 2013 , 5, 275-283	1	6
36	Insecticidal activity of leaf extracts from <i>Drosophyllum lusitanicum</i> against <i>Liriomyza trifolii</i> (Burgess) (Diptera: Agromyzidae). <i>Journal of Horticultural Science and Biotechnology</i> , 2008 , 83, 653-657	1.9	5
35	Optimization and validation by SPE-CGC-MSD of the analysis of tributyltin in environmental samples. <i>Journal of Separation Science</i> , 2001 , 13, 48-53		5
34	Comparison of quantitative methods for analysis of resinic acids in crude Tall-Oil. <i>Fresenius Journal of Analytical Chemistry</i> , 1994 , 350, 379-383		5
33	Carbon-Based Sorbent Coatings for the Determination of Pharmaceutical Compounds by Bar Adsorptive Microextraction.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2078-2091	4.1	4
32	A Fast and Validated High Throughput Bar Adsorptive Microextraction (HT-BAµE) Method for the Determination of Ketamine and Norketamine in Urine Samples. <i>Molecules</i> , 2020 , 25,	4.8	4

31	Monitoring trace levels of hydroxy aromatic compounds in urine matrices by bar adsorptive microextraction (BAE). <i>Analytical Methods</i> , 2017 , 9, 5260-5265	3.2	4
30	Antimicrobial activity of <i>Drosophyllum lusitanicum</i> , an endemic Mediterranean insectivorous plant. <i>Natural Product Research</i> , 2009 , 23, 219-29	2.3	4
29	Continuous Extraction of Crude Tall Oil. <i>Separation Science and Technology</i> , 1997 , 32, 2807-2820	2.5	4
28	The Mutual Effect of Iron(III) and Silver(I) Species in Concentrated Chloride Medium. <i>Separation Science and Technology</i> , 2007 , 42, 1267-1282	2.5	4
27	An Overview on the Properties of Ximenia Oil Used as Cosmetic in Angola. <i>Biomolecules</i> , 2019 , 10,	5.9	4
26	Atmospheric Trends of CO and CH ₄ from Extreme Wildfires in Portugal Using Sentinel-5P TROPOMI Level-2 Data. <i>Fire</i> , 2021 , 4, 25	2.4	4
25	Determination of Hydrophilic UV Filters in Real Matrices Using New-Generation Bar Adsorptive Microextraction Devices. <i>Separations</i> , 2019 , 6, 45	3.1	4
24	Photocatalytic degradation of acetaminophen and caffeine using magnetite-hematite combined nanoparticles: kinetics and mechanisms. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 17228-17243	5.1	4
23	Application of polyurethane-based devices as sorption-desorption phases for microextraction analysis - The all-in-one microextraction concept. <i>Journal of Chromatography A</i> , 2017 , 1485, 1-7	4.5	3
22	Bar Adsorptive Microextraction Coated with Carbon-based Phase Mixtures for Performance-Enhancement to Monitor Selected Benzotriazoles, Benzothiazoles, and Benzenesulfonamides in Environmental Water Matrices. <i>Molecules</i> , 2020 , 25,	4.8	3
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