JosÃ© Manuel Nogueira

List of Publications by Year
in descending order

159	7,175	43973 48	66788 78
papers	citations	h-index	g-index

159	159	159	8454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical composition and antibacterial and antioxidant properties of commercial essential oils. Industrial Crops and Products, 2013, 43, 587-595.	2.5	356
2	Activated carbons for the adsorption of ibuprofen. Carbon, 2007, 45, 1979-1988.	5.4	325
3	Antioxidant and antiacetylcholinesterase activities of five plants used as Portuguese food spices. Food Chemistry, 2007, 103, 778-786.	4.2	312
4	Chemical composition and bioactivity of different oregano (Origanum vulgare) extracts and essential oil. Journal of the Science of Food and Agriculture, 2013, 93, 2707-2714.	1.7	226
5	Waste-derived activated carbons for removal of ibuprofen from solution: Role of surface chemistry and pore structure. Bioresource Technology, 2009, 100, 1720-1726.	4.8	208
6	Determination of steroid sex hormones in water and urine matrices by stir bar sorptive extraction and liquid chromatography with diode array detection. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 1303-1311.	1.4	185
7	Considerations on ultra-trace analysis of phthalates in drinking water. Water Research, 2006, 40, 2572-2582.	5.3	180
8	Characterization of the aroma profile of Madeira wine by sorptive extraction techniques. Analytica Chimica Acta, 2005, 546, 11-21.	2.6	161
9	European pennyroyal (Mentha pulegium) from Portugal: Chemical composition of essential oil and antioxidant and antimicrobial properties of extracts and essential oil. Industrial Crops and Products, 2012, 36, 81-87.	2.5	161
10	Multi-residue screening of endocrine disrupters chemicals in water samples by stir bar sorptive extraction-liquid desorption-capillary gas chromatographyâ€“mass spectrometry detection. Analytica Chimica Acta, 2004, 517, 21-32.	2.6	129
11	Advances in stir bar sorptive extraction for the determination of acidic pharmaceuticals in environmental water matrices. Journal of Chromatography A, 2008, 1209, 10-16.	1.8	124
12	Stir-bar sorptive extraction: 15 years making sample preparation more environment-friendly. TrAC - Trends in Analytical Chemistry, 2015, 71, 214-223.	5.8	123
13	Novel sorption-based methodologies for static microextraction analysis: A review on SBSE and related techniques. Analytica Chimica Acta, 2012, 757, 1-10.	2.6	114
14	An amperometric biosensor for polyphenolic compounds in red wine. Biosensors and Bioelectronics, 2004, 20, 1211-1216.	5.3	113
15	Photosensitization of TiO2 by Ag2S and its catalytic activity on phenol photodegradation. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 204, 168-173.	2.0	107
16	Quantification approach for assessment of sparkling wine volatiles from different soils, ripening stages, and varieties by stir bar sorptive extraction with liquid desorption. Analytica Chimica Acta, 2009, 635, 214-221.	2.6	98
17	Plant extracts with anti-inflammatory propertiesâ€”A new approach for characterization of their bioactive compounds and establishment of structureâ€“antioxidant activity relationships. Bioorganic and Medicinal Chemistry, 2009, 17, 1876-1883.	1.4	98
18	Phenolic composition and antioxidant activity of Rocha pear and other pear cultivars â€“ A comparative study. Journal of Functional Foods, 2010, 2, 153-157.	1.6	97

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19	Adsorptive micro-extraction techniquesâ€"Novel analytical tools for trace levels of polar solutes in aqueous media. Journal of Chromatography A, 2010, 1217, 7303-7310.	1.8	97
20	Development, optimisation and application of polyurethane foams as new polymeric phases for stir bar sorptive extraction. Journal of Chromatography A, 2007, 1171, 8-14.	1.8	93
21	Development of a stir-bar-sorptive extractionâ€"liquid desorptionâ€"large-volume injection capillary gas chromatographicâ€"mass spectrometric method for pyrethroid pesticides in water samples. Analytical and Bioanalytical Chemistry, 2005, 382, 1141-1151.	1.9	92
22	Antioxidant and antimicrobial activity ofSatureja montanaL. extracts. Journal of the Science of Food and Agriculture, 2011, 91, 1554-1560.	1.7	84
23	Multiresidue screening of neutral pesticides in water samples by high performance liquid chromatographyâ€"electrospray mass spectrometry. Analytica Chimica Acta, 2004, 505, 209-215.	2.6	83
24	Phenolic composition, antioxidant potential and in vitro inhibitory activity of leaves and acorns of Quercus suber on key enzymes relevant for hyperglycemia and Alzheimer's disease. Industrial Crops and Products, 2015, 64, 45-51.	2.5	80
25	Use of experimental design in the optimization of stir bar sorptive extraction for the determination of polybrominated diphenyl ethers in environmental matrices. Journal of Chromatography A, 2007, 1141, 259-270.	1.8	79
26	Antioxidant and antibacterial activity of essential oil and extracts of bay laurelLaurus nobilisLinnaeus (Lauraceae) from Portugal. Natural Product Research, 2012, 26, 518-529.	1.0	79
27	In vitro antioxidant and anti-inflammatory properties of Limonium algarvense flowersâ€™ infusions and decoctions: A comparison with green tea (Camellia sinensis). Food Chemistry, 2016, 200, 322-329.	4.2	78
28	Antioxidant and antiacetylcholinesterase activities of essential oils from Cymbopogon schoenanthus L. Spreng. Determination of chemical composition by GCâ€"mass spectrometry and 13C NMR. Food Chemistry, 2008, 109, 630-637.	4.2	76
29	New approach on trace analysis of triclosan in personal care products, biological and environmental matrices. Talanta, 2008, 74, 1498-1504.	2.9	76
30	Optimization of Polyurethane Foams for Enhanced Stir Bar Sorptive Extraction of Triazinic Herbicides in Water Matrices. Talanta, 2008, 77, 765-773.	2.9	76
31	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. Biomedicine and Pharmacotherapy, 2017, 87, 27-36.	2.5	76
32	Considerations on ultra trace analysis of carbamates in water samples. Journal of Chromatography A, 2003, 996, 133-140.	1.8	70
33	Stable isotope analysis for green coffee bean: A possible method for geographic origin discrimination. Journal of Food Composition and Analysis, 2009, 22, 463-471.	1.9	70
34	Composition of volatiles of banana cultivars from Madeira Island. Phytochemical Analysis, 2003, 14, 87-90.	1.2	68
35	Unravelling the antioxidant potential and the phenolic composition of different anatomical organs of the marine halophyte Limonium algarvense. Industrial Crops and Products, 2015, 77, 315-322.	2.5	67
36	Determination of organochlorine pesticides in vegetable matrices by stir bar sorptive extraction with liquid desorption and large volume injection-gas chromatographyâ€"mass spectrometry towards compliance with European Union directives. Journal of Chromatography A, 2010, 1217, 119-126.	1.8	65

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37	Searching for new sources of innovative products for the food industry within halophyte aromatic plants: InÂvitro antioxidant activity and phenolic and mineral contents of infusions and decoctions of Crithmum maritimum L.. Food and Chemical Toxicology, 2017, 107, 581-589.	1.8	65
38	Phytochemical Profile, Antioxidant and Cytotoxic Activities of the Carob Tree (Ceratonia siliqua L.) Germ Flour Extracts. Plant Foods for Human Nutrition, 2011, 66, 78-84.	1.4	64
39	Essential oils from micropropagated plants of Lavandula viridis. Phytochemical Analysis, 2002, 13, 4-7.	1.2	61
40	Optimisation of stir bar sorptive extraction and liquid desorption combined with large volume injection-gas chromatographyâ€“quadrupole mass spectrometry for the determination of volatile compounds in wines. Analytica Chimica Acta, 2008, 624, 79-89.	2.6	57
41	Phytochemical Profile and Anticholinesterase and Antimicrobial Activities of Supercritical versus Conventional Extracts of Satureja montana. Journal of Agricultural and Food Chemistry, 2009, 57, 11557-11563.	2.4	56
42	Isotopes as Tracers of the Hawaiian Coffee-Producing Regions. Journal of Agricultural and Food Chemistry, 2011, 59, 10239-10246.	2.4	55
43	Isololiolide, a carotenoid metabolite isolated from the brown alga Cystoseira tamariscifolia, is cytotoxic and able to induce apoptosis in hepatocarcinoma cells through caspase-3 activation, decreased Bcl-2 levels, increased p53 expression and PARP cleavage. Phytomedicine, 2016, 23, 550-557.	2.3	55
44	Effect of solution pH on the removal of clofibric acid by cork-based activated carbons. Carbon, 2010, 48, 972-980.	5.4	53
45	Antioxidant and Cytotoxic Activities of Carob Tree Fruit Pulps Are Strongly Influenced by Gender and Cultivar. Journal of Agricultural and Food Chemistry, 2011, 59, 7005-7012.	2.4	53
46	Anti-acetylcholinesterase and Antioxidant Activity of Essential Oils from Hedychium gardnerianum Sheppard ex Ker-Gawl. Molecules, 2012, 17, 3082-3092.	1.7	53
47	Comparison of the selectivity of different sorbent phases for bar adsorptive microextractionâ€”Application to trace level analysis of fungicides in real matrices. Journal of Chromatography A, 2012, 1265, 7-16.	1.8	51
48	Combining stirâ€bar sorptive extraction and large volume injectionâ€gas chromatographyâ€mass spectrometry for the determination of benzotriazole UV stabilizers in wastewater matrices. Journal of Separation Science, 2012, 35, 459-467.	1.3	51
49	Determination of trace levels of benzophenone-type ultra-violet filters in real matrices by bar adsorptive micro-extraction using selective sorbent phases. Journal of Chromatography A, 2013, 1311, 1-10.	1.8	51
50	Determination of trace levels of parabens in real matrices by bar adsorptive microextraction using selective sorbent phases. Journal of Chromatography A, 2014, 1348, 17-26.	1.8	47
51	Metabolic profile and biological activities of Lavandula pedunculata subsp. lusitanica (Chaytor) Franco: Studies on the essential oil and polar extracts. Food Chemistry, 2013, 141, 2501-2506.	4.2	45
52	Determination of glyoxal and methylglyoxal in environmental and biological matrices by stir bar sorptive extraction with in-situ derivatization. Journal of Chromatography A, 2007, 1169, 47-52.	1.8	44
53	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. Marine Drugs, 2015, 13, 3531-3549.	2.2	44
54	Stir-bar-sorptive extraction and liquid desorption combined with large-volume injection gas chromatographyâ€“mass spectrometry for ultra-trace analysis of musk compounds in environmental water matrices. Analytical and Bioanalytical Chemistry, 2010, 396, 1853-1862.	1.9	43

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55	Powdered activated carbons as effective phases for bar adsorptive micro-extraction (BAÎ¼E) to monitor levels of triazinic herbicides in environmental water matrices. Talanta, 2011, 83, 1643-1649.	2.9	43
56	Wild vs cultivated halophytes: Nutritional and functional differences. Food Chemistry, 2020, 333, 127536.	4.2	43
57	Potentialities of two solventless extraction approachesâ€"Stir bar sorptive extraction and headspace solid-phase microextraction for determination of higher alcohol acetates, isoamyl esters and ethyl esters in wines. Talanta, 2009, 80, 622-630.	2.9	41
58	Cork-based activated carbons as supported adsorbent materials for trace level analysis of ibuprofen and clofibric acid in environmental and biological matrices. Journal of Chromatography A, 2011, 1218, 6263-6270.	1.8	40
59	Non-toxic Salvia sclareoides Brot. extracts as a source of functional food ingredients: Phenolic profile, antioxidant activity and prion binding properties. Food Chemistry, 2012, 132, 1930-1935.	4.2	38
60	Development of a bar adsorptive micro-extractionâ€"large-volume injectionâ€"gas chromatographyâ€"mass spectrometric method for pharmaceuticals and personal care products in environmental water matrices. Analytical and Bioanalytical Chemistry, 2012, 402, 1355-1364.	1.9	38
61	Chemical composition of essential oil of Psidium guajava L. growing in Tunisia. Industrial Crops and Products, 2014, 52, 29-31.	2.5	38
62	Novel in vitro and in silico insights of the multi-biological activities and chemical composition of Bidens tripartita L.. Food and Chemical Toxicology, 2018, 111, 525-536.	1.8	38
63	Photoactive extracts from Thevetia peruviana with antifungal properties against Cladosporium cucumerinum. Journal of Photochemistry and Photobiology B: Biology, 2003, 70, 51-54.	1.7	37
64	Nitrogen donor ligands bearing Nâ€"H groups: Effect on catalytic and cytotoxic activity of molybdenum Î·3-allyldicarbonyl complexes. Journal of Organometallic Chemistry, 2008, 693, 3411-3418.	0.8	37
65	Combining stir bar sorptive extraction and MEKC for the determination of polynuclear aromatic hydrocarbons in environmental and biological matrices. Electrophoresis, 2006, 27, 4694-4702.	1.3	36
66	New strategies to screen for endocrine-disrupting chemicals in the Portuguese marine environment utilizing large volume injectionâ€"capillary gas chromatographyâ€"mass spectrometry combined with retention time locking libraries (LVIâ€"GCâ€"MSâ€"RTL). Analytical and Bioanalytical Chemistry, 2007, 387, 2569-2583.	1.9	35
67	Biochemical profile and in vitro neuroprotective properties of Carpobrotus edulis L., a medicinal and edible halophyte native to the coast of South Africa. South African Journal of Botany, 2017, 111, 222-231.	1.2	35
68	Determination of steroid sex hormones in real matrices by bar adsorptive microextraction (BAÎ¼E). Talanta, 2015, 136, 145-154.	2.9	34
69	Unlocking the in vitro anti-inflammatory and antidiabetic potential of Polygonum maritimum. Pharmaceutical Biology, 2017, 55, 1348-1357.	1.3	33
70	Extracts from Quercus 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. Industrial Crops and Products, 2013, 45, 114-120.	2.5	32
71	Bar adsorptive microextraction (BAÎ¼E) coated with mixed sorbent phasesâ€"Enhanced selectivity for the determination of non-steroidal anti-inflammatory drugs in real matrices in combination with capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 115-124.	1.2	32
72	In vitroantioxidant and inhibitory activity of water decoctions of carob tree (Ceratonia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2155-2159.	1.0	31

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73	Lipid composition and some bioactivities of 3 newly isolated microalgae (Tetraselmis sp. IMP3,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	31
74	Analysis of the Volatiles Emitted by Whole Flowers and Isolated Flower Organs of the Carob Tree Using HS-SPME-GC/MS. Journal of Chemical Ecology, 2006, 32, 929-942.	0.9	30
75	Improvements on bar adsorptive microextraction (BAÎ¼E) techniqueâ€“Application for the determination of insecticide repellents in environmental water matrices. Talanta, 2014, 120, 126-134.	2.9	30
76	Down-regulation of fatty acid synthase increases the resistance of Saccharomyces cerevisiae cells to H2O2. Free Radical Biology and Medicine, 2007, 43, 1458-1465.	1.3	28
77	Determination of short-chain carbonyl compounds in drinking water matrices by bar adsorptive micro-extraction (BAÎ¼E) with in situ derivatization. Analytical and Bioanalytical Chemistry, 2010, 398, 3155-3163.	1.9	28
78	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. Organometallics, 2012, 31, 4495-4503.	1.1	28
79	Analytical Characterization of Madeira Wine. Journal of Agricultural and Food Chemistry, 1999, 47, 566-575.	2.4	27
80	New-generation bar adsorptive microextraction (BAÎ¼E) devices for a better eco-user-friendly analytical approachâ€“Application for the determination of antidepressant pharmaceuticals in biological fluids. Journal of Pharmaceutical and Biomedical Analysis, 2018, 153, 126-134.	1.4	26
81	High throughput bar adsorptive microextraction: A novel cost-effective tool for monitoring benzodiazepines in large number of biological samples. Talanta, 2019, 199, 195-202.	2.9	26
82	Determination of tributyltin in environmental water matrices using stir bar sorptive extraction with in-situ derivatisation and large volume injection-gas chromatographyâ€“mass spectrometry. Talanta, 2014, 126, 8-11.	2.9	25
83	Potentialities of polyurethane foams for trace level analysis of triazinic metabolites in water matrices by stir bar sorptive extraction. Journal of Chromatography A, 2010, 1217, 3707-3710.	1.8	23
84	Atmospheric Trends of CO and CH4 from Extreme Wildfires in Portugal Using Sentinel-5P TROPOMI Level-2 Data. Fire, 2021, 4, 25.	1.2	23
85	Refining and Separation of Crude Tall-Oil Components. Separation Science and Technology, 1996, 31, 2307-2316.	1.3	21
86	Enhancement for trace analysis of sulfonamide antibiotics in water matrices using bar adsorptive microextraction (BAÎ¼E). Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 593-599.	1.4	21
87	Base-metals and organic content in stream sediments in the vicinity of a landfill. Applied Geochemistry, 2004, 19, 137-151.	1.4	20
88	Organotin speciation in environmental matrices by automated on-line hydride generation-programmed temperature vaporization-capillary gas chromatographyâ€“mass spectrometry detection. Journal of Chromatography A, 2005, 1094, 130-137.	1.8	20
89	<scp>In vitro</scp> Antitumoral Activity of Compounds Isolated from <scp>Artemisia gorgonum</scp> Webb. Phytotherapy Research, 2014, 28, 1329-1334.	2.8	20
90	Determination of mitragynine in urine matrices by bar adsorptive microextraction and HPLC analysis. Talanta, 2015, 144, 105-109.	2.9	19

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91	Coupling sea lavender (Limonium algarvense Erben) and green tea (Camellia sinensis (L.) Kuntze) to produce an innovative herbal beverage with enhanced enzymatic inhibitory properties. South African Journal of Botany, 2019, 120, 87-94.	1.2	19
92	Headspace-SPME of in vitro shoot-cultures and micropropagated plants of Lavandula viridis. Biologia Plantarum, 2008, 52, 133-136.	1.9	18
93	Development and Application of Stir Bar Sorptive Extraction with Polyurethane Foams for the Determination of Testosterone and Methenolone in Urine Matrices. Journal of Chromatographic Science, 2011, 49, 297-302.	0.7	18
94	Application of bar adsorptive microextraction (BAÎ¼E) for anti-doping control screening of anabolic steroids in urine matrices. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 969, 35-41.	1.2	18
95	Analysis of methylglyoxal in water and biological matrices by capillary zone electrophoresis with diode array detection. Electrophoresis, 2005, 26, 1760-1767.	1.3	17
96	Profiling of antioxidant potential and phytoconstituents of Plantago coronopus. Brazilian Journal of Biology, 2017, 77, 632-641.	0.4	17
97	Levels of tributyltin in sediments from Tagus estuary nature reserve. Estuaries and Coasts, 2003, 26, 798-802.	1.7	16
98	Plumbagin recovery from field specimens of Drosophyllum lusitanicum (L.) link. Phytochemical Analysis, 2008, 19, 229-235.	1.2	16
99	Phenol electrooxidation on Feâ€“Co3O4 thin film electrodes in alkaline medium. Chemosphere, 2012, 86, 341-347.	4.2	16
100	Determination of Phenol Compounds In Surface Water Matrices by Bar Adsorptive Microextraction-High Performance Liquid Chromatography-Diode Array Detection. Molecules, 2014, 19, 9369-9379.	1.7	16
101	Sea rose (Armeria pungens (Link) Hoffmanns. & Link) as a potential source of innovative industrial products for anti-ageing applications. Industrial Crops and Products, 2018, 121, 250-257.	2.5	16
102	A comparative study of the in vitro enzyme inhibitory and antioxidant activities of Butea monosperma (Lam.) Taub. and Sesbania grandiflora (L.) Poiret from Pakistan: New sources of natural products for public health problems. South African Journal of Botany, 2019, 120, 146-156.	1.2	16
103	Development of a Powdered Activated Carbon in Bar Adsorptive Micro-Extraction for the Analysis of Morphine and Codeine in Human Urine. Journal of Chromatographic Science, 2012, 50, 574-581.	0.7	15
104	Insight into the biological properties and phytochemical composition of Ballota macrodonta Boiss. et Balansa, â€” an endemic medicinal plant from Turkey. Industrial Crops and Products, 2018, 113, 422-428.	2.5	15
105	Photocatalytic degradation of acetaminophen and caffeine using magnetiteâ€“hematite combined nanoparticles: kinetics and mechanisms. Environmental Science and Pollution Research, 2021, 28, 17228-17243.	2.7	15
106	Recovery of high purity plumbagin from Drosera intermedia. Industrial Crops and Products, 2012, 35, 257-260.	2.5	14
107	Static headspace analysis using polyurethane phases â€“ Application to roasted coffee volatiles characterization. Talanta, 2012, 89, 521-525.	2.9	13
108	Bar adsorptive microextraction technique - application for the determination of pharmaceuticals in real matrices. Analytical and Bioanalytical Chemistry, 2017, 409, 2093-2106.	1.9	13

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109	Bar adsorptive microextraction coated with multi-walled carbon nanotube phases - Application for trace analysis of pharmaceuticals in environmental waters. Journal of Chromatography A, 2019, 1600, 17-22.	1.8	13
110	Preparation of lead and tin oxide thin films by spin coating and their application on the electrodegradation of organic pollutants. Journal of Solid State Electrochemistry, 2006, 10, 41-47.	1.2	12
111	Application of bar adsorptive microextraction to determine trace organic micro-pollutants in environmental water matrices. International Journal of Environmental Analytical Chemistry, 2017, 97, 484-498.	1.8	12
112	Hollow fiber microextraction: a new hybrid microextraction technique for trace analysis. Analytical and Bioanalytical Chemistry, 2018, 410, 2911-2920.	1.9	12
113	First report of the in vitro antileishmanial properties of extremophile plants from the Algarve Coast. Natural Product Research, 2018, 32, 600-604.	1.0	12
114	Sex and developmental stage of carob flowers affects composition of volatiles. Journal of Horticultural Science and Biotechnology, 2004, 79, 689-692.	0.9	11
115	Determination of trace levels of triazines in corn matrices by bar adsorptive microextraction with a molecularly imprinted polymer. Journal of Separation Science, 2016, 39, 756-761.	1.3	11
116	Supercritical Carbon Dioxide Extraction, Antioxidant Activity, and Fatty Acid Composition of Bran Oil from Rice Varieties Cultivated in Portugal. Separations, 2021, 8, 115.	1.1	11
117	Chromatographic methods for the analysis of crude tall-oil. Journal of High Resolution Chromatography, 1995, 18, 425-432.	2.0	10
118	Optimization and validation by SPE-CGC-MSD of the analysis of tributyltin in environmental samples. Journal of Separation Science, 2001, 13, 48-53.	1.0	10
119	Influence of salt stress on essential oil yield and composition of lemon grass (Cymbopogon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 108-117.	1.0	10
120	Combining bar adsorptive microextraction with capillary electrophoresisâ€"Application for the determination of phenolic acids in food matrices. Electrophoresis, 2014, 35, 2488-2494.	1.3	10
121	Exploring Caralluma europaea (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. Industrial Crops and Products, 2019, 139, 111527.	2.5	10
122	Seasonal Variations of the Nutritive Value and Phytotherapeutic Potential of Cladium mariscus L. (Pohl.) Targeting Ruminantâ€™s Production. Plants, 2021, 10, 556.	1.6	10
123	Chemical Variability of Two Essential Oils of Tunisian Rue:Ruta montanaandRuta chalepensis. Journal of Essential Oil-bearing Plants: JEOP, 2014, 17, 445-451.	0.7	9
124	High throughput bar adsorptive microextraction: A simple and effective analytical approach for the determination of nicotine and cotinine in urine samples. Journal of Chromatography A, 2020, 1615, 460750.	1.8	9
125	Application of Bar Adsorptive Microextraction for the Determination of Levels of Tricyclic Antidepressants in Urine Samples. Molecules, 2021, 26, 3101.	1.7	9
126	EPTIS: The new European database of proficiency testing schemes for analytical laboratories. TrAC - Trends in Analytical Chemistry, 2001, 20, 457-461.	5.8	8

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127	Bar Adsorptive Microextraction Coated with Carbon-Based Phase Mixtures for Performance-Enhancement to Monitor Selected Benzotriazoles, Benzothiazoles, and Benzenesulfonamides in Environmental Water Matrices. Molecules, 2020, 25, 2133.	1.7	8
128	Comparison of quantitative methods for analysis of resinic acids in crude Tall-Oil. Fresenius' Journal of Analytical Chemistry, 1994, 350, 379-383.	1.5	7
129	A Fast and Validated High Throughput Bar Adsorptive Microextraction (HT-BAÂµE) Method for the Determination of Ketamine and Norketamine in Urine Samples. Molecules, 2020, 25, 1438.	1.7	7
130	Application of Microextraction-Based Techniques for Screening-Controlled Drugs in Forensic Contextâ€"A Review. Molecules, 2021, 26, 2168.	1.7	7
131	Insecticidal activity of leaf extracts fromDrosophyllum lusitanicumagainstLiriomyza trifolii(Burgess) (Diptera: Agromyzidae). Journal of Horticultural Science and Biotechnology, 2008, 83, 653-657.	0.9	6
132	Antimicrobial activity ofDrosophyllum lusitanicum, an endemic Mediterranean insectivorous plant. Natural Product Research, 2009, 23, 219-229.	1.0	6
133	Determination of Hydrophilic UV Filters in Real Matrices Using New-Generation Bar Adsorptive Microextraction Devices. Separations, 2019, 6, 45.	1.1	6
134	An Overview on the Properties of Ximenia Oil Used as Cosmetic in Angola. Biomolecules, 2020, 10, 18.	1.8	6
135	MicroextraÃ§Ã£o adsortiva em barra (BAÂµE): Um conceito analÃtico inovador para microextraÃ§Ã£o estÃ¡tica. Scientia Chromatographica, 2013, 5, 275-283.	0.2	6
136	Continuous Extraction of Crude Tall Oil. Separation Science and Technology, 1997, 32, 2807-2820.	1.3	5
137	Crude tall-oil sodium salts micellization in aqueous solutions studied by static and dynamic light scattering. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 191, 263-268.	2.3	5
138	Novel insights for permeant lead structures through in vitro skin diffusion assays of Prunus lusitanica L., the Portugal Laurel. Journal of Molecular Structure, 2015, 1079, 327-336.	1.8	5
139	Carbon-Based Sorbent Coatings for the Determination of Pharmaceutical Compounds by Bar Adsorptive Microextraction. ACS Applied Bio Materials, 2020, 3, 2078-2091.	2.3	5
140	The Mutual Effect of Iron(III) and Silver(I) Species in Concentrated Chloride Medium. Separation Science and Technology, 2007, 42, 1267-1282.	1.3	4
141	Monitoring trace levels of hydroxy aromatic compounds in urine matrices by bar adsorptive microextraction (BAÎ¼E). Analytical Methods, 2017, 9, 5260-5265.	1.3	4
142	In vitro enzyme inhibitory and anti-oxidant properties, cytotoxicity and chemical composition of the halophyte Malcolmia littorea (L.) R.Br. (Brassicaceae). Natural Product Research, 2021, 35, 4753-4756.	1.0	4
143	Evaluation of Marrubium vulgare Growing Wild in Tunisia for Its Potential as a Dietary Supplement. Foods, 2021, 10, 2864.	1.9	4
144	Application of polyurethane-based devices as sorption-desorption phases for microextraction analysis â€“ The all-in-one microextraction concept. Journal of Chromatography A, 2017, 1485, 1-7.	1.8	3

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145	Stir Bar Sorptive Extraction. Comprehensive Analytical Chemistry, 2017, 76, 463-481.	0.7	3
146	Monitoring traces of organochlorine pesticides in herbal matrices by bar adsorptive microextraction â€“ Application to black tea and tobacco. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	1.8	3
147	Multi-Spheres Adsorptive Microextraction (MSAÎ¼E)â€”Application of a Novel Analytical Approach for Monitoring Chemical Anthropogenic Markers in Environmental Water Matrices. Molecules, 2019, 24, 931.	1.7	3
148	ExtraÃ§Ã£o Sortiva em Barra de AgitaÃ§Ã£o (SBSE): Uma metodologia inovadora para microextraÃ§Ã£o estÃ¡tica. Scientia Chromatographica, 2012, 4, 259-269.	0.2	3
149	Fatty and Resinic Acids Extraction from Crude Tall Oil. Separation Science and Technology, 1996, 31, 2685-2703.	1.3	2
150	Determination of the expiration date of chemical solutions. Accreditation and Quality Assurance, 2003, 8, 231-234.	0.4	2
151	Dual-hollow fiber microextraction (dual-HFÎ¼E) - application for monitoring trace levels of organochlorine pesticides in real matrices. International Journal of Environmental Analytical Chemistry, 2020, 100, 1402-1414.	1.8	1
152	Adsorption Properties of Activated Biochars Produced from Agro-industrial Residual Biomass. International Journal of Advanced Engineering Research and Science, 2020, 7, 121-129.	0.0	1
153	Simple Analytical Strategy for Screening Three Synthetic Cathinones (Î±-PVT, Î±-PVP, and MDPV) in Oral Fluids. Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis, 2022, 3, 14-23.	0.8	1
154	Microscale gas generator of methane for the dead time determination of capillary columns. Fresenius' Journal of Analytical Chemistry, 2000, 368, 389-391.	1.5	0
155	In vitromass clonal propagation ofDittrichia viscosasubsp.revolutaand analysis of its secondary metabolites. Journal of Horticultural Science and Biotechnology, 2003, 78, 310-314.	0.9	0
156	Analysis of Chemical Constituents of Tithonia Rotundifolia Leaf Essential Oil Found in Nigeria. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	0
157	Determination of Trace Levels of Irgarol in Estuarine Water Matrices by Bar Adsorptive Microextraction. Journal of Chromatographic Science, 2016, 54, 1453-1459.	0.7	0
158	Evaluation of Î±- and Î²-Endosulfan Residues in Teas and Yerba Mate Infusions by Bar Adsorptive Microextraction and Large Volume Injection-Gas Chromatography Mass Spectrometry. Journal of the Brazilian Chemical Society, 2020, , .	0.6	0
159	Application of Bar Adsorptive Microextraction-Large-Volume Injection-Gas Chromatography-Mass Spectrometric Method for the Determination of Trace Levels of Agrochemicals in Real Matrices. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0