

Juan Luis Bened

List of Publications by Citations

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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.

36
papers

724
citations

13
h-index

26
g-index

37
ext. papers

908
ext. citations

4.9
avg, IF

4.58
L-index

#	Paper	IF	Citations
36	Sunscreen products as emerging pollutants to coastal waters. <i>PLoS ONE</i> , 2013 , 8, e65451	3.7	133
35	Development of stir bar sorptive-dispersive microextraction mediated by magnetic nanoparticles and its analytical application to the determination of hydrophobic organic compounds in aqueous media. <i>Journal of Chromatography A</i> , 2014 , 1362, 25-33	4.5	93
34	Determination of UV filters in both soluble and particulate fractions of seawaters by dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 812, 50-8	6.6	70
33	Introducing a new and rapid microextraction approach based on magnetic ionic liquids: Stir bar dispersive liquid microextraction. <i>Analytica Chimica Acta</i> , 2017 , 983, 130-140	6.6	61
32	Trace determination of volatile polycyclic aromatic hydrocarbons in natural waters by magnetic ionic liquid-based stir bar dispersive liquid microextraction. <i>Talanta</i> , 2018 , 176, 253-261	6.2	55
31	Determination of ultraviolet filters in bathing waters by stir bar sorptive-dispersive microextraction coupled to thermal desorption-gas chromatography-mass spectrometry. <i>Talanta</i> , 2016 , 147, 246-52	6.2	48
30	Stir bar sorptive-dispersive microextraction mediated by magnetic nanoparticles-nylon 6 composite for the extraction of hydrophilic organic compounds in aqueous media. <i>Analytica Chimica Acta</i> , 2016 , 926, 63-71	6.6	44
29	Current trends on the determination of organic UV filters in environmental water samples based on microextraction techniques—A review. <i>Analytica Chimica Acta</i> , 2018 , 1034, 22-38	6.6	42
28	Expanding the application of stir bar sorptive-dispersive microextraction approach to solid matrices: Determination of ultraviolet filters in coastal sand samples. <i>Journal of Chromatography A</i> , 2018 , 1564, 25-33	4.5	23
27	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. <i>Chemosphere</i> , 2019 , 218, 273-281	8.4	22
26	A rapid and sensitive gas chromatography-mass spectrometry method for the quality control of perfumes: simultaneous determination of phthalates. <i>Analytical Methods</i> , 2013 , 5, 409-415	3.2	20
25	Reduced graphene oxide-based magnetic composite for trace determination of polycyclic aromatic hydrocarbons in cosmetics by stir bar sorptive dispersive microextraction. <i>Journal of Chromatography A</i> , 2020 , 1624, 461229	4.5	17
24	Fundamentals and applications of stir bar sorptive dispersive microextraction: A tutorial review. <i>Analytica Chimica Acta</i> , 2021 , 1153, 338271	6.6	16
23	Stir bar sorptive-dispersive microextraction for trace determination of triphenyl and diphenyl phosphate in urine of nail polish users. <i>Journal of Chromatography A</i> , 2019 , 1593, 9-16	4.5	13
22	Development of a new three-phase membrane-assisted liquid-phase microextraction method: determination of nitrite in tap water samples as model analytical application. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 595-601	4.4	11
21	Determination of N-nitrosodiethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid microextraction followed by liquid chromatography. <i>Talanta</i> , 2017 , 166, 81-86	6.2	9
20	In-situ suspended aggregate microextraction: A sample preparation approach for the enrichment of organic compounds in aqueous solutions. <i>Journal of Chromatography A</i> , 2015 , 1408, 63-71	4.5	7

19	Use of green alternative solvents in dispersive liquid-liquid microextraction: A review. <i>Journal of Separation Science</i> , 2021 ,	3.4	6
18	Green determination of eight water-soluble B vitamins in cosmetic products by liquid chromatography with ultraviolet detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 205, 114308	3.5	5
17	Use of Nanomaterial-Based (Micro)Extraction Techniques for the Determination of Cosmetic-Related Compounds. <i>Molecules</i> , 2020 , 25,	4.8	4
16	Synergistic combination of polyamide-coated paper-based sorptive phase for the extraction of antibiotics in saliva. <i>Analytica Chimica Acta</i> , 2021 , 1164, 338512	6.6	4
15	Polydopamine-coated magnetic nanoparticles for the determination of nitro musks in environmental water samples by stir bar sorptive-dispersive microextraction. <i>Talanta</i> , 2021 , 231, 122375	6.2	4
14	A paper-based polystyrene/nylon Janus platform for the microextraction of UV filters in water samples as proof-of-concept. <i>Mikrochimica Acta</i> , 2021 , 188, 391	5.8	3
13	A Rapid and Sensitive Method for the Determination of Cannabidiol in Cosmetic Products by Liquid Chromatography Tandem Mass Spectrometry. <i>Cosmetics</i> , 2021 , 8, 30	2.7	3
12	Carbon fibers as green and sustainable sorbent for the extraction of isoflavones from environmental waters. <i>Talanta</i> , 2021 , 233, 122582	6.2	3
11	Environmental Monitoring of Cosmetic Ingredients 2018 , 435-547		2
10	Rapid and Simple Determination of Honokiol and Magnolol in Cosmetic Products by Liquid Chromatography with Ultraviolet Detection. <i>Analytical Letters</i> , 2021 , 54, 1510-1521	2.2	2
9	Green, rapid and simultaneous determination of alternative preservatives in cosmetic formulations by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114493	3.5	1
8	Development of a sensitive method for determining traces of prohibited acrylamide in cosmetic products based on dispersive liquid-liquid microextraction followed by liquid chromatography-ultraviolet detection. <i>Microchemical Journal</i> , 2020 , 159, 105402	4.8	1
7	A Green and Rapid Analytical Method for the Determination of Hydroxyethoxyphenyl Butanone in Cosmetic Products by Liquid Chromatography. <i>Cosmetics</i> , 2018 , 5, 44	2.7	1
6	Low toxicity deep eutectic solvent-based ferrofluid for the determination of UV filters in environmental waters by stir bar dispersive liquid microextraction.. <i>Talanta</i> , 2022 , 243, 123378	6.2	1
5	Stir bar sorptive-dispersive microextraction by a poly(methacrylic acid-co-ethylene glycol dimethacrylate)-based magnetic sorbent for the determination of tricyclic antidepressants and their main active metabolites in human urine.. <i>Mikrochimica Acta</i> , 2022 , 189, 52	5.8	0
4	Simultaneous Quantification of Vitamin A and Derivatives in Cosmetic Products by Liquid Chromatography with Ultraviolet Detection. <i>Separations</i> , 2022 , 9, 40	3.1	0
3	Modified magnetic-based solvent-assisted dispersive solid-phase extraction: application to the determination of cortisol and cortisone in human saliva. <i>Journal of Chromatography A</i> , 2021 , 1652, 462361	4.5	0
2	Tanning and Whitening Agents in Cosmetics 2018 , 107-121		

1 Miniaturized solid-phase extraction **2021**, 13-31