Ana I Olives

List of Publications by Year
in descending order

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22 papers	440 citations	758635 12 h-index	713013 21 g-index
22 all docs	22 docs citations	22 times ranked	721 citing authors

#	Article	IF	Citations
1	Core-shell particles lead the way to renewing high-performance liquid chromatography. TrAC - Trends in Analytical Chemistry, 2015, 64, 17-28.	5.8	133
2	Sustainable and Eco-Friendly Alternatives for Liquid Chromatographic Analysis. ACS Sustainable Chemistry and Engineering, 2017, 5, 5618-5634.	3.2	46
3	Mineral and Trace Elements Content in 30 Accessions of Tomato Fruits (Solanum lycopersicum L.,) and Wild Relatives (Solanum pimpinellifolium L., Solanum cheesmaniae L. Riley, and Solanum habrochaites) Tj ETQq1 1 0.784314 rgBT /Over	4.7	38
4	Eco-friendly liquid chromatographic separations based on the use of cyclodextrins as mobile phase additives. Green Chemistry, 2011, 13, 115-126.	4.6	28
5	Study of non-covalent interactions of luotonin A derivatives and the DNA minor groove as a first step in the study of their analytical potential as DNA probes. Analytical and Bioanalytical Chemistry, 2011, 400, 321-327.	1.9	21
6	B-Ring-Aryl Substituted Luotonin A Analogues with a New Binding Mode to the Topoisomerase 1-DNA Complex Show Enhanced Cytotoxic Activity. PLoS ONE, 2014, 9, e95998.	1.1	21
7	Environmental effects on the fluorescence behaviour of carbazole derivatization reagents. Luminescence, 2005, 20, 162-169.	1.5	18
8	The role of Î²-cyclodextrin and hydroxypropyl Î²-cyclodextrin in the secondary chemical equilibria associated to the separation of Î²-carbolines by HPLC. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 577-583.	1.6	17
9	Influence of the presence of methyl cyclodextrins in high-performance liquid chromatography mobile phases on the separation of Î²-carboline alkaloids. Journal of Chromatography A, 2008, 1192, 254-258.	1.8	15
10	Enhanced Stability and Bioactivity of Natural Anticancer Topoisomerase I Inhibitors through Cyclodextrin Complexation. Pharmaceutics, 2021, 13, 1609.	2.0	15
11	Liquid chromatographic analysis of the anticancer alkaloid luotonin A and some new derivatives in human serum samples. Journal of Separation Science, 2010, 33, 2086-2093.	1.3	13
12	Bisavenathramide Analogues as Nrf2 Inductors and Neuroprotectors in In Vitro Models of Oxidative Stress and Hyperphosphorylation. Antioxidants, 2021, 10, 941.	2.2	13
13	SPE/RP-HPLC using C1 columns: an environmentally friendly alternative to conventional reverse-phase separations for quantitation of beta-carboline alkaloids in human serum samples. Analytical and Bioanalytical Chemistry, 2011, 400, 395-401.	1.9	11
14	Cyclodextrins modify the proton transfer photoreactions of norharmane. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 173, 287-295.	2.0	9
15	Fluorescence quenching ofÎ²-carboline alkaloids in micellar media. A study to select the adequate surfactant to use in analytical techniques. Luminescence, 2005, 20, 152-161.	1.5	9
16	Fluorescence properties of the anti-tumour alkaloid luotonin A and new synthetic analogues: pH modulation as an approach to their fluorimetric quantitation in biological samples. Journal of Luminescence, 2012, 132, 2468-2475.	1.5	8
17	Challenging core-shell stationary phases with the separation of closely related anti-cancer compounds: performance studies and application to drug quantitation in cell cultures with multi-well plate clean-up. Journal of Chromatography A, 2014, 1364, 83-95.	1.8	7
18	Changes in the reactivity of the fluorescent reagents carbazole-9-carbonyl chloride and 9-carbazolylacetic acid in the presence of cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 553-559.	1.6	4

#	ARTICLE	IF	CITATIONS
19	An Easily Built Smoking Machine for Use by Undergraduate Students in the Determination of Total Particulate Matter and Nicotine in Tobacco Smoke. Journal of Chemical Education, 2012, 89, 771-775.	1.1	4
20	A down-scaled fluorimetric determination of the solubility properties of drugs to minimize waste generation. Green Chemistry, 2013, 15, 2558.	4.6	4
21	Antioxidants as Molecular Probes: Structurally Novel Dihydro-m-Terphenyls as Turn-On Fluorescence Chemodosimeters for Biologically Relevant Oxidants. Antioxidants, 2020, 9, 605.	2.2	3
22	Fluorescence Sensors Based on Hydroxycarbazole for the Determination of Neurodegeneration-Related Halide Anions. Biosensors, 2022, 12, 175.	2.3	3