

Dorina Casoni

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34
papers

331
citations

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h-index

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g-index

39
ext. papers

367
ext. citations

2.5
avg, IF

3.46
L-index

#	Paper	IF	Citations
34	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. <i>Journal of Chromatography A</i> , 2009 , 1216, 2456-65	4.5	44
33	Quantitative structure-retention and retention-activity relationships of some 1,3-oxazolidine systems by RP-HPTLC and PCA. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 213-9	3.5	39
32	High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs. <i>Talanta</i> , 2013 , 114, 117-23	6.2	25
31	Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors. <i>Journal of Separation Science</i> , 2012 , 35, 915-21	3.4	23
30	Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase. <i>Journal of Chromatography A</i> , 2012 , 1266, 53-60	4.5	19
29	The lipophilicity of parabens estimated on reverse phases chemically bonded and oil-impregnated plates and calculated using different computation methods. <i>Journal of Separation Science</i> , 2009 , 32, 2377-84	3.4	17
28	Separation and Identification of Eight Hydrophilic Vitamins Using a New TLC Method and Raman Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005 , 28, 2551-2559	1.3	16
27	SIMULTANEOUS DETERMINATION OF PARABENS IN PHARMACEUTICAL PREPARATIONS USING HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHY AND IMAGE ANALYSIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011 , 34, 805-816	1.3	12
26	Comprehensive evaluation of biogenic amines and related drugs antioxidant activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical. <i>Open Chemistry</i> , 2013 , 11, 679-688	1.6	11
25	A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 213, 204-209	4.4	10
24	Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns. <i>Journal of Separation Science</i> , 2010 , 33, 2219-29	3.4	10
23	Classification of Romanian medicinal plant extracts according to the therapeutic effects using thin layer chromatography and robust chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 163, 137-143	3.5	9
22	Lipophilicity of amine neurotransmitter precursors, metabolites and related drugs estimated on various TLC plates. <i>Journal of Chromatographic Science</i> , 2014 , 52, 1095-103	1.4	8
21	Comprehensive evaluation of antioxidant activity: a chemometric approach using principal component analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 343-8	4.4	8
20	Lipophilicity of Some Preservatives Estimated by RP-TLC Using Stationary Phases with Different Polarity. <i>Chromatographia</i> , 2009 , 70, 1277-1282	2.1	8
19	DETERMINATION OF FOOD SYNTHETIC DYES IN POWDERS FOR JELLY DESSERTS USING SLIT-SCANNING DENSITOMETRY AND IMAGE ANALYSIS METHODS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 1429-1443	1.3	7
18	Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors. <i>Journal of Separation Science</i> , 2011 , 34, 247-54	3.4	7

17	Identification and quantification of tocopherols in vegetable oils by thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008 , 21, 213-215	0.9	7
16	SIMULTANEOUS DETERMINATION OF CARBIDOPA AND LEVODOPA USING A NEW TLC METHOD AND A FREE RADICAL AS DETECTION REAGENT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013 , 36, 2395-2404	1.3	6
15	Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018 , 41, 342-348	1.3	5
14	Thin-layer chromatography--an image-processing method for the determination of acidic catecholamine metabolites. <i>Journal of Separation Science</i> , 2014 , 37, 2675-81	3.4	5
13	Influence of Mixed Additives on the Physicochemical Properties of a 5.25% Sodium Hypochlorite Solution: An Unsupervised Multivariate Statistical Approach. <i>Journal of Endodontics</i> , 2018 , 44, 280-285.e3	4.7	5
12	Heterocycles 33: lipophilicity of a new class of thioethers estimated by reversed-phase thin-layer chromatography and different computational methods. <i>Journal of Chromatographic Science</i> , 2014 , 52, 1302-7	1.4	4
11	TLC separation of rare earths using di(2-ethylhexyl)dithiophosphoric acid as complexing reagent. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005 , 18, 160-163	0.9	4
10	Investigation on image processing parameters for plate evaluation in TLC analysis of mycotoxins. <i>Studia Universitatis Babeş-Bolyai Chimia</i> , 2017 , 62, 89-102	1	4
9	Identification of New Phthalazine Derivatives by HPTLC-FTIR and Characterization of Their Separation Using Some Molecular Properties. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003 , 26, 2687-2696	1.3	3
8	Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 945-956	2	2
7	Tartrazine determination from mustard sample by TLC-Photodensitometry and TLC-Digital processing of images. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012 , 25, 542-547	0.9	2
6	Chromatographic approach for the evaluation of radical-scavenging activity using a new time-monitoring image analysis method. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016 , 29, 299-308	0.9	2
5	Application of Inductively Coupled Plasma Spectrometric Techniques and Multivariate Statistical Analysis in the Hydrogeochemical Profiling of Caves-Case Study Cloşni, Romania. <i>Molecules</i> , 2021 , 26,	4.8	2
4	Multivariate color scale image analysis - Thin layer chromatography for comprehensive evaluation of complex samples fingerprint. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1170, 122590	3.2	2
3	Effect of in vitro simulated gastrointestinal digestion on some nutritional characteristics of several dried fruits.. <i>Food Chemistry</i> , 2022 , 385, 132713	8.5	2
2	PARABENS LIPOPHILICITY DETERMINATION WITH MOBILE PHASES CONTAINING LOW AND MEDIUM HYDROPHOBIC ALCOHOLS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014 , 37, 2287-2301	1.3	0
1	Heterocycles 51: Lipophilicity investigation of some thiazole chalcones and auronas by experimental and theoretical methods. <i>Journal of Separation Science</i> , 2020 , 43, 2784-2793	3-4	