

# Dorina Casoni

## List of Publications by Year in Descending Order

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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.

34  
papers

331  
citations

10  
h-index

16  
g-index

39  
ext. papers

367  
ext. citations

2.5  
avg, IF

3.46  
L-index

#	Paper	IF	Citations
34	Effect of in vitro simulated gastrointestinal digestion on some nutritional characteristics of several dried fruits.. <i>Food Chemistry</i> , <b>2022</b> , 385, 132713	8.5	2
33	Application of Inductively Coupled Plasma Spectrometric Techniques and Multivariate Statistical Analysis in the Hydrogeochemical Profiling of Caves-Case Study Cloșni, Romania. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
32	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> , <b>2021</b> , 1170, 122590	3.2	2
31	Heterocycles 51: Lipophilicity investigation of some thiazole chalcones and aurones by experimental and theoretical methods. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 2784-2793	3.4	
30	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> , <b>2019</b> , 213, 204-209	4.4	10
29	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> , <b>2019</b> , 163, 137-143	3.5	9
28	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> , <b>2018</b> , 41, 342-348	1.3	5
27	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> , <b>2018</b> , 44, 280-285.e3	4.7	5
26	Investigation on image processing parameters for plate evaluation in TLC analysis of mycotoxins. <i>Studia Universitatis Babeș-Bolyai Chimia</i> , <b>2017</b> , 62, 89-102	1	4
25	Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 945-956	2	2
24	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> , <b>2016</b> , 29, 299-309	3.9	2
23	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> , <b>2014</b> , 52, 1302-7	1.4	4
22	PARABENS LIPOPHILICITY DETERMINATION WITH MOBILE PHASES CONTAINING LOW AND MEDIUM HYDROPHOBIC ALCOHOLS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2014</b> , 37, 2287-2301	1.3	0
21	Lipophilicity of amine neurotransmitter precursors, metabolites and related drugs estimated on various TLC plates. <i>Journal of Chromatographic Science</i> , <b>2014</b> , 52, 1095-103	1.4	8
20	Thin-layer chromatography--an image-processing method for the determination of acidic catecholamine metabolites. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 2675-81	3.4	5
19	Comprehensive evaluation of antioxidant activity: a chemometric approach using principal component analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 118, 343-8	4.4	8
18	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> , <b>2013</b> , 36, 2395-2404	1.3	6

17	Comprehensive evaluation of biogenic amines and related drugs Antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical. <i>Open Chemistry</i> , <b>2013</b> , 11, 679-688	1.6	11
16	High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs. <i>Talanta</i> , <b>2013</b> , 114, 117-23	6.2	25
15	Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase. <i>Journal of Chromatography A</i> , <b>2012</b> , 1266, 53-60	4.5	19
14	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> , <b>2012</b> , 35, 1429-1443	1.3	7
13	Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 915-21	3.4	23
12	Tartrazine determination from mustard sample by TLC-Photodensitometry and TLC-Digital processing of images. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2012</b> , 25, 542-547	0.9	2
11	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> , <b>2011</b> , 34, 805-816	1.3	12
10	Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 247-54	3.4	7
9	Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 2219-29	3.4	10
8	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> , <b>2009</b> , 32, 2377-84	3.4	17
7	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 2456-65	4.5	44
6	Lipophilicity of Some Preservatives Estimated by RP-TLC Using Stationary Phases with Different Polarity. <i>Chromatographia</i> , <b>2009</b> , 70, 1277-1282	2.1	8
5	Identification and quantification of tocopherols in vegetable oils by thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2008</b> , 21, 213-215	0.9	7
4	Separation and Identification of Eight Hydrophilic Vitamins Using a New TLC Method and Raman Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2005</b> , 28, 2551-2559	1.3	16
3	TLC separation of rare earths using di(2-ethylhexyl)dithiophosphoric acid as complexing reagent. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2005</b> , 18, 160-163	0.9	4
2	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> , <b>2004</b> , 35, 213-9	3.5	39
1	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> , <b>2003</b> , 26, 2687-2696	1.3	3