

Nr. crt.	Articol	FI	FI/nr. autori
1.	Hosu A., Danciu V., Cimpoiu C. Validated HPTLC fingerprinting and antioxidant activity evaluation of twenty-seven Romanian red wines, <i>Journal of Food Composition and Analysis</i> , 41, 174-180.	1.985	0.662
2.	Puscas A., Hosu A., Cimpoiu C. (2013). Application of a newly developed and validated high-performance thin-layer chromatographic method to control honey adulteration. <i>Journal of Chromatography A</i> 1272, 132-135	4.169	1.390
3.	Cimpoiu C. , Hosu A., Puscas A. (2012). Thin-layer chromatography with stationary phase gradient as a method for separation of water-soluble vitamins <i>Journal of Chromatography A</i> , 1223, 142– 146	4.169	1.390
4.	Hosu A., Cristea V.M., Cimpoiu C. , (2014). Analysis of total phenolic, flavonoids, anthocyanins and tannins content in Romanian red wines: Prediction of antioxidant activities and classification of wines using artificial neural networks, <i>Food Chemistry</i> , 150, 113-118	3.391	1.130
5.	Cimpoiu C. , Cristea V.M., Hosu A., Sandru M., Seserman L. (2011): Antioxidant activity prediction and classification of some teas using artificial neural networks, <i>Food Chemistry</i> , 127 (3), 1323-1328	3.391	0.678
6.	Cimpoiu C. , Hosu A., Miclaus V., Puscas A. (2013). Determination of the floral origin of some Romanian honeys on the basis of physical and biochemical properties. <i>Spectrochimica Acta A</i> 100, 149-154	2.653	0.663
7.	Cimpoiu C. , Hosu A., Seserman L., Sandru M., Miclaus V. (2010): Simultaneous determination of methylxanthines in different types of tea by a newly developed and validated TLC method. <i>Journal of Separation Science</i> , 33, 3794–3799	2.737	0.547
8.	Cimpoiu C. , Hosu A., Hodişan S., (2006): Analysis of steroids by thin layer chromatography using optimum mobile phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> 41(2), 633-637	3.169	1.056
9.	Cimpoiu, C. and Hodişan, T. (1999): Application of Numerical Taxonomy Techniques to the Choice of Optimum Mobile Phase in High-Performance-Thin-Layer-Chromatography (HPTLC). <i>Journal of Pharmaceutical and Biomedical Analysis</i> 21, 895-900.	3.169	1.585
10.	Hodişan, T., Culea, M., Cimpoiu, C. and Cot, A. (1999): Separation, Identification and Quantitative Determination of Free Amino Acids from Plant Extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> 18 (3), 319-323.	3.169	0.792

11.	Hosu A., Cimpoiu C. (2016). HPTLC fingerprinting: A useful tool for white wines authentication. <i>Journal of Liquid Chromatography & Related Technologies</i> , 39(5-6), 303-307.	0.606	0.303
12.	Hosu, A., Pop, B., Cimpoiu, C. , (2015). The Forensic Analysis of Pigments from Some Inks by HPTLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 38, 1109-1112.	0.606	0.202
13.	Cimpoiu C. , Hosu A. (2007): Thin-layer chromatography for the analysis of vitamins and their derivatives. <i>Journal of Liquid Chromatography & Related Technologies</i> 30, 701-728	0.606	0.303
14.	Cimpoiu C. , (2006): Analysis of some natural antioxidants by thin-layer chromatography and high performance thin-layer chromatography. <i>Journal of Liquid Chromatography & Related Technologies</i> 29, 1125-1142.	0.606	0.606
15.	Cimpoiu, C. , (2005): Qualitative and Quantitative Analysis by Hyphenated (HP)TLC-FTIR Technique. <i>Journal of Liquid Chromatography & Related Technologies</i> 28 (7-8), 1203-1213.	0.606	0.606
16.	Cimpoiu, C. and Hodisan, S. (2002): Quantitative Thin Layer Chromatography Analysis by Photodensitometry, <i>Reviews in Analytical Chemistry XXI</i> (1), 55-75.	1.378	0.689
17.	Naşcu, H., Jantschi, L., Hodişan, T., Cimpoiu, C. , and Cîmpan, G. (1999): Some Applications of Statistics in Analytical Chemistry. <i>Reviews in Analytical Chemistry</i> , XVIII (6), 409-456.	1.378	0.276
18.	Moldovan B., David L., Chişbora C., Cimpoiu C. (2012). Degradation Kinetics of Anthocyanins from European Cranberrybush (<i>Viburnum opulus L.</i>) Fruit Extracts. Effects of emperature, pH and Storage Solvent. <i>Molecules</i> 17, 11655-11666	2.465	0.616
19.	Bolboacă S.D., Pică E.M., Cimpoiu C. , Jäntschi L. (2008): Statistical Assessment of Solvent Mixture Models Used for Separation of Biological Active Compounds <i>Molecules</i> , 13(8), 1617-1639	2.465	0.616
20.	Danciu V., Hosu A., Cimpoiu C. (2016). Comparative evaluation of antioxidant activity using 1,1-diphenyl-2-picrylhydrazyl and 2,2'-azino-bis(3-Ethylbenzothiazoline-6-Sulphonic Acid) methods, <i>Journal of Planar Chromatography-Modern TLC</i> , 29(4), 306-309.	0.611	0.204
TOTAL			14.314