

Nr. crt.	Articol prim autor sau autor corespondent	FI
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
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
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
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
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
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
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
8	Cimpoiu C. , Hosu A., Hodisan 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
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
10	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
11	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
12	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
13	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
14	Cimpoiu, C. , (2005): Qualitative and Quantitative Analysis by	0.606

	Hyphenated (HP)TLC-FTIR Technique. <i>Journal of Liquid Chromatography & Related Technologies</i> 28 (7-8), 1203-1213.	
15	David L., Hosu A., Moldovan B., Cimpoiu C. (2014). The evaluation and authentication of red fruits teas by high performance thin-layer chromatographic fingerprinting. <i>Journal of Liquid Chromatography & Related Technologies</i> 37(12), 1644-1653.	0.606
16	Cimpoiu, C. , Casoni, D., Hosu, A., Miclaus, V., Damian, G., Hodisan, T., (2005): Separation and Identification of Eight Hydrophilic Vitamins Using New TLC Method and Raman Spectroscopy <i>Journal of Liquid Chromatography & Related Technologies</i> 28 (16), 2551-2559.	0.606
17	Cimpoiu, C. , Miclăuș, V., Damian, G., Puia, M., Casoni, D., Bele, C. and Hodișan, T. (2003): Identification of New Phtalazine Derivatives by HPTLC-FTIR and Characterization of Their Separation Using Some Molecular properties. <i>Journal of Liquid Chromatography & Related Technologies</i> 26 (16), 2687-2696.	0.606
18	Cimpoiu, C. and Hodisan, S. (2002): Quantitative Thin Layer Chromatography Analysis by Photodensitometry, <i>Reviews in Analytical Chemistry</i> XXI (1), 55-75.	1.378
19	Cimpoiu C. , Hosu A., Briciu R., Miclaus V. (2007): Monitoring the origin of wine by reversed-phase thin-layer chromatography <i>Journal of Planar Chromatography-Modern TLC</i> , 20 (6), 407-410	0.611
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
TOTAL		36.281