

Anna Petruczynik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Review of Chromatographic Methods Coupled with Modern Detection Techniques Applied in the Therapeutic Drugs Monitoring (TDM). <i>Molecules</i> , 2020, 25, 4026.	1.7	62
2	Influence of the extraction mode on the yield of some furanocoumarins from <i>Pastinaca sativa</i> fruits. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 181-187.	1.2	51
3	Two-Dimensional Thin-Layer Chromatography of Selected Coumarins. <i>Journal of Chromatographic Science</i> , 2006, 44, 510-517.	0.7	36
4	Effect of Ionic Liquid Additives to Mobile Phase on Separation and System Efficiency for HPLC of Selected Alkaloids on Different Stationary Phases. <i>Journal of Chromatographic Science</i> , 2012, 50, 287-293.	0.7	32
5	Thin-Layer Chromatography of Alkaloids on Cyanopropyl Bonded Stationary Phases. Part I. <i>Journal of Chromatographic Science</i> , 2007, 45, 447-454.	0.7	31
6	Comparison of chromatographic properties of cyanopropyl-, diol- and aminopropyl- polar-bonded stationary phases by the retention of model compounds in normal-phase liquid chromatography systems. <i>Journal of Chromatography A</i> , 2001, 919, 39-50.	1.8	28
7	Determination of Selected Isoquinoline Alkaloids from <i>Mahonia aquifolia</i> ; <i>Meconopsis cambrica</i> ; <i>Corydalis lutea</i> ; <i>Dicentra spectabilis</i> ; <i>Fumaria officinalis</i> ; <i>Macleaya cordata</i> Extracts by HPLC-DAD and Comparison of Their Cytotoxic Activity. <i>Toxins</i> , 2019, 11, 575.	1.5	28
8	TLC of Alkaloids on Cyanopropyl Bonded Stationary Phases. Part II. Connection with RP18 and Silica Plates. <i>Journal of Chromatographic Science</i> , 2008, 46, 291-297.	0.7	25
9	Determination of Anti-Alzheimer's Disease Activity of Selected Plant Ingredients. <i>Molecules</i> , 2022, 27, 3222.	1.7	24
10	Analysis of alkaloids from different chemical groups by different liquid chromatography methods. <i>Open Chemistry</i> , 2012, 10, 802-835.	1.0	22
11	Two-Dimensional thin-layer chromatography of structural analogs. Part I: Graft TLC of selected coumarins. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 237-241.	0.6	19
12	Comparison of Anticancer Activity and HPLC-DAD Determination of Selected Isoquinoline Alkaloids from <i>Thalictrum foetidum</i> , <i>Berberis sp.</i> and <i>Chelidonium majus</i> Extracts. <i>Molecules</i> , 2019, 24, 3417.	1.7	18
13	Two-dimensional thin-layer chromatography of structural analogs. Part II. Method for quantitative analysis of selected coumarins in plant material. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 447-452.	0.6	17
14	The Effect of Chromatographic Conditions on the Separation of Selected Alkaloids in RP-HPTLC. <i>Journal of Chromatographic Science</i> , 2005, 43, 183-194.	0.7	16
15	The effect of chromatographic conditions on the separation of selected alkaloids on silica layers. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 78-84.	0.6	13
16	Effect of Chromatographic Conditions on the Separation of Selected Alkaloids on Phenyl Stationary Phase by an HPLC Method. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 2807-2822.	0.5	12
17	High performance liquid chromatography of selected alkaloids in ion-exchange systems. <i>Journal of Chromatography A</i> , 2013, 1311, 48-54.	1.8	11
18	Determination of Cytisine and N-Methylcytisine from Selected Plant Extracts by High-Performance Liquid Chromatography and Comparison of Their Cytotoxic Activity. <i>Toxins</i> , 2020, 12, 557.	1.5	11

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19	Comparison of Various Chromatographic Systems for Analysis of Cytisine in Human Serum, Saliva and Pharmaceutical Formulation by HPLC with Diode Array, Fluorescence or Mass Spectrometry Detection. <i>Molecules</i> , 2019, 24, 2580.	1.7	9
20	Review of New Trends in the Analysis of Allergenic Residues in Foods and Cosmetic Products. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 997-1028.	0.7	9
21	Separation and determination of selected psychotropic drugs in human serum by SPE/HPLC/DAD on C18 and Polar-RP columns. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 75-82.	0.5	8
22	Application of Mobile Phases Containing Ionic Liquid for HPLC Analysis of Selected Isoquinoline Alkaloids. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1652-1659.	0.7	8
23	Comparison of Various Chromatographic Systems for Identification of Vortioxetine in Bulk Drug Substance, Human Serum, Saliva, and Urine Samples by HPLC-DAD and LC-QTOF-MS. <i>Molecules</i> , 2020, 25, 2483.	1.7	8
24	Optimization of the separation of some <i>Chelidonium maius</i> L. alkaloids by reversed phase high-performance liquid chromatography using cyanopropyl bonded stationary phase. <i>Acta Poloniae Pharmaceutica</i> , 2002, 59, 61-4.	0.3	8
25	Retention, separation selectivity and system efficiency of selected basic psychotropic drugs on different RPLC columns. <i>Open Chemistry</i> , 2015, 13, .	1.0	7
26	Comparison of Chromatographic Conditions for Analysis of Selected Psychotropic Drugs in Human Serum. <i>Journal of Chromatographic Science</i> , 2015, 53, 394-400.	0.7	7
27	Application of HPLC-DAD for In Vitro Investigation of Acetylcholinesterase Inhibition Activity of Selected Isoquinoline Alkaloids from <i>Sanguinaria canadensis</i> Extracts. <i>Molecules</i> , 2021, 26, 230.	1.7	7
28	Determination of Cytotoxic Activity of <i>Sanguinaria canadensis</i> Extracts against Human Melanoma Cells and Comparison of Their Cytotoxicity with Cytotoxicity of Some Anticancer Drugs. <i>Molecules</i> , 2021, 26, 1738.	1.7	7
29	Isoquinoline Alkaloid Contents in <i>Macleaya cordata</i> Extracts and Their Acetylcholinesterase and Butyrylcholinesterase Inhibition. <i>Molecules</i> , 2022, 27, 3606.	1.7	7
30	Analysis of Selected Anti-Depressive Drugs by High Performance Thin-Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1913-1924.	0.5	6
31	Optimization of Chromatographic Systems for Determination of Lipophilicity for Selected Isoquinoline Alkaloids. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2265-2280.	0.5	6
32	Optimization of chromatographic systems for analysis of selected psychotropic drugs and their metabolites in serum and saliva by HPLC in order to monitor therapeutic drugs. <i>Open Chemistry</i> , 2019, 17, 1361-1373.	1.0	6
33	Determination of Cytotoxic Activity of Selected Isoquinoline Alkaloids and Plant Extracts Obtained from Various Parts of <i>Mahonia aquifolium</i> Collected in Various Vegetation Seasons. <i>Molecules</i> , 2021, 26, 816.	1.7	6
34	Application of mobile phases containing ionic liquid for the separation of a mixture of ten selected isoquinoline alkaloids by 2D-TLC and identification of analytes in <i>Rhizoma Coptidis</i> (Huang Lian) Extract by TLC and HPLC-DAD. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 245-250.	0.6	5
35	Retention Behaviour of Selected Alkaloids on Bonded Stationary Phases by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2247-2267.	0.5	4
36	Optimization of ion-exchange systems for isoquinoline alkaloids analysis in plant materials. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 761-769.	0.5	4

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37	Ion-exchange vs reversed-phase chromatography for separation and determination of basic psychotropic drugs. <i>Biomedical Chromatography</i> , 2015, 29, 1700-1707.	0.8	3
38	Separation of a mixture of eleven alkaloids by 2D-TLC on Multi-K CS5 plates and identification of analytes in <i>Thalictrum foetidum</i> root extract by TLC and HPLC-DAD. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 142-147.	0.6	3
39	Ionic Liquids Applied to Extraction of Xenobiotics from Food, Environmental, and Biological Samples and for Analysis by Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 3-22.	0.7	3
40	Effect of chromatographic conditions on the separation and system efficiency for HPLC of selected alkaloids on different stationary phases. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 77-89.	0.7	3
41	Temperature—the Tool in Separation of Alkaloids by RP-HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2473-2484.	0.5	2
42	Effect of chromatographic conditions on separation and system efficiency in HPTLC of selected quinoline standards on cyanopropyl stationary phases. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 56-64.	0.6	2
43	Development of the Validated Stability-Indicating Method for the Determination of Vortioxetine in Bulk and Pharmaceutical Formulation by HPLC-DAD, Stress Degradation Kinetics Studies and Detection of Degradation Products by LC-ESI-QTOF-MS. <i>Molecules</i> , 2022, 27, 1883.	1.7	2
44	Retention of ortho- and para-Positional Isomers of Some Model Solutes on Polar Bonded Stationary Phases in Different Eluent Systems by HPTLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 907-922.	0.5	1