Anna Petruczynik

List of Publications by Year
in descending order

44 papers	597 citations	623188 14 h-index	676716 22 g-index
44 all docs	44 docs citations	44 times ranked	527 citing authors

#	Article	IF	Citations
1	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. Molecules, 2022, 27, 1883.	1.7	2
2	Determination of Anti-Alzheimerâ€™s Disease Activity of Selected Plant Ingredients. Molecules, 2022, 27, 3222.	1.7	24
3	Isoquinoline Alkaloid Contents in Macleaya cordata Extracts and Their Acetylcholinesterase and Butyrylcholinesterase Inhibition. Molecules, 2022, 27, 3606.	1.7	7
4	Application of HPLC-DAD for In Vitro Investigation of Acetylcholinesterase Inhibition Activity of Selected Isoquinoline Alkaloids from Sanguinaria canadensis Extracts. Molecules, 2021, 26, 230.	1.7	7
5	Determination of Cytotoxic Activity of Selected Isoquinoline Alkaloids and Plant Extracts Obtained from Various Parts of Mahonia aquifolium Collected in Various Vegetation Seasons. Molecules, 2021, 26, 816.	1.7	6
6	Determination of Cytotoxic Activity of Sanguinaria canadensis Extracts against Human Melanoma Cells and Comparison of Their Cytotoxicity with Cytotoxicity of Some Anticancer Drugs. Molecules, 2021, 26, 1738.	1.7	7
7	Determination of Cytisine and N-Methylcytisine from Selected Plant Extracts by High-Performance Liquid Chromatography and Comparison of Their Cytotoxic Activity. Toxins, 2020, 12, 557.	1.5	11
8	Review of Chromatographic Methods Coupled with Modern Detection Techniques Applied in the Therapeutic Drugs Monitoring (TDM). Molecules, 2020, 25, 4026.	1.7	62
9	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. Molecules, 2020, 25, 2483.	1.7	8
10	Review of New Trends in the Analysis of Allergenic Residues in Foods and Cosmetic Products. Journal of AOAC INTERNATIONAL, 2020, 103, 997-1028.	0.7	9
11	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. Molecules, 2019, 24, 2580.	1.7	9
12	Determination of Selected Isoquinoline Alkaloids from Mahonia aquifolia; Meconopsis cambrica; Corydalis lutea; Dicentra spectabilis; Fumaria officinalis; Macleaya cordata Extracts by HPLC-DAD and Comparison of Their Cytotoxic Activity. Toxins, 2019, 11, 575.	1.5	28
13	Comparison of Anticancer Activity and HPLC-DAD Determination of Selected Isoquinoline Alkaloids from Thalictrum foetidum, Berberis sp. and Chelidonium majus Extracts. Molecules, 2019, 24, 3417.	1.7	18
14	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. Open Chemistry, 2019, 17, 1361-1373.	1.0	6
15	Ionic Liquids Applied to Extraction of Xenobiotics from Food, Environmental, and Biological Samples and for Analysis by Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2019, 102, 3-22.	0.7	3
16	Optimization of ion-exchange systems for isoquinoline alkaloids analysis in plant materials. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 761-769.	0.5	4
17	Separation and determination of selected psychotropic drugs in human serum by SPE/HPLC/DAD on C18 and Polar-RP columns. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 75-82.	0.5	8
18	Separation of a mixture of eleven alkaloids by 2D-TLC on Multi-K CS5 plates and identification of analytes in Thalictrum foetidum root extract by TLC and HPLCâ€"DAD. Journal of Planar Chromatography - Modern TLC, 2017, 30, 142-147.	0.6	3

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19	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 Rhizoma Coptidis (Huang Lian) Extract by TLC and HPLCâ€"DAD. Journal of Planar Chromatography - Modern TLC, 2017, 30, 245-250.	0.6	5
20	Application of Mobile Phases Containing Ionic Liquid for HPLC Analysis of Selected Isoquinoline Alkaloids. Journal of AOAC INTERNATIONAL, 2017, 100, 1652-1659.	0.7	8
21	Retention, separation selectivity and system efficiency of selected basic psychotropic drugs on different RPLC columns. Open Chemistry, 2015, 13, .	1.0	7
22	Ionâ€exchange vs reversedâ€phase chromatography for separation and determination of basic psychotropic drugs. Biomedical Chromatography, 2015, 29, 1700-1707.	0.8	3
23	Comparison of Chromatographic Conditions for Analysis of Selected Psychotropic Drugs in Human Serum. Journal of Chromatographic Science, 2015, 53, 394-400.	0.7	7
24	High performance liquid chromatography of selected alkaloids in ion-exchange systems. Journal of Chromatography A, 2013, 1311, 48-54.	1.8	11
25	Effect of Ionic Liquid Additives to Mobile Phase on Separation and System Efficiency for HPLC of Selected Alkaloids on Different Stationary Phases. Journal of Chromatographic Science, 2012, 50, 287-293.	0.7	32
26	Analysis of alkaloids from different chemical groups by different liquid chromatography methods. Open Chemistry, 2012, 10, 802-835.	1.0	22
27	Effect of chromatographic conditions on the separation and system efficiency for HPLC of selected alkaloids on different stationary phases. Journal of AOAC INTERNATIONAL, 2011, 94, 77-89.	0.7	3
28	Effect of chromatographic conditions on separation and system efficiency in HPTLC of selected quinoline standards on cyanopropyl stationary phases. Journal of Planar Chromatography - Modern TLC, 2010, 23, 56-64.	0.6	2
29	Optimization of Chromatographic Systems for Determination of Lipophilicity for Selected Isoquinoline Alkaloids. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2265-2280.	0.5	6
30	Two-Dimensional thin-layer chromatography of structural analogs. Part I: Graft TLC of selected coumarins. Journal of Planar Chromatography - Modern TLC, 2008, 21, 237-241.	0.6	19
31	Analysis of Selected Anti-Depressive Drugs by High Performance Thin-Layer Chromatography. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 1913-1924.	0.5	6
32	TLC of Alkaloids on Cyanopropyl Bonded Stationary Phases. Part II. Connection with RP18 and Silica Plates. Journal of Chromatographic Science, 2008, 46, 291-297.	0.7	25
33	Two-dimensional thin-layer chromatography of structural analogs. Part II. Method for quantitative analysis of selected coumarins in plant material. Journal of Planar Chromatography - Modern TLC, 2008, 21, 447-452.	0.6	17
34	Thin-Layer Chromatography of Alkaloids on Cyanopropyl Bonded Stationary Phases. Part I. Journal of Chromatographic Science, 2007, 45, 447-454.	0.7	31
35	Temperatureâ€"the Tool in Separation of Alkaloids by RPâ€HPLC. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2473-2484.	0.5	2
36	Effect of Chromatographic Conditions on the Separation of Selected Alkaloids on Phenyl Stationary Phase by an HPLC Method. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 2807-2822.	0.5	12

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37	Two-Dimensional Thin-Layer Chromatography of Selected Coumarins. Journal of Chromatographic Science, 2006, 44, 510-517.	0.7	36
38	Retention of orthoâ€•and paraâ€Positional Isomers of Some Model Solutes on Polar Bonded Stationary Phases in Different Eluent Systems by HPTLC. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 907-922.	0.5	1
39	The Effect of Chromatographic Conditions on the Separation of Selected Alkaloids in RP-HPTLC. Journal of Chromatographic Science, 2005, 43, 183-194.	0.7	16
40	The effect of chromatographic conditions on the separation of selected alkaloids on silica layers. Journal of Planar Chromatography - Modern TLC, 2005, 18, 78-84.	0.6	13
41	Influence of the extraction mode on the yield of some furanocoumarins from Pastinaca sativa fruits. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 800, 181-187.	1.2	51
42	Retention Behaviour of Selected Alkaloids on Bonded Stationary Phases by HPLC. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 2247-2267.	0.5	4
43	Optimization of the separation of some Chelidonium maius L. alkaloids by reversed phase high-performance liquid chromatography using cyanopropyl bonded stationary phase. Acta Poloniae Pharmaceutica, 2002, 59, 61-4.	0.3	8
44	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. Journal of Chromatography A, 2001, 919, 39-50.	1.8	28