

Beata Polak

List of Publications by Year in descending order

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26
papers

241
citations

1040056

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996975

15
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27
all docs

27
docs citations

27
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressurized planar electrochromatographic separation of the enantiomers of tryptophan and valine. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 33-37.	1.2	34
2	Pressurized planar electrochromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 2636-2647.	3.7	29
3	Application of a horizontal DS chamber to planar electrochromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2003, 16, 176-182.	1.2	29
4	Separation of Some Aromatic Amino Acid Enantiomers with Pressurized Planar Electrochromatography and TLC. <i>Chromatographia</i> , 2011, 73, 339-345.	1.3	25
5	Lipophilicity of novel antitumour and analgesic active 8-aryl-2,6,7,8-tetrahydroimidazo[2,1-c][1,2,4]triazine-3,4-dione derivatives determined by reversed-phase HPLC and computational methods. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2644-2649.	5.5	24
6	The New TLC Method for Separation and Determination of Multicomponent Mixtures of Plant Extracts. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-6.	1.6	14
7	Separation of amino acid 2,4-dinitrophenyl-5-valine amide diastereomeric derivatives with high-performance planar chromatography and pressurized planar electrochromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2013, 26, 180-189.	1.2	11
8	Determination of the Lipophilicity of Some New Derivatives of Semicarbazide and 1,2,4-Triazol-5-one with Potential Antibacterial Activity. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 570-576.	0.7	9
9	β-Cyclodextrin as the Mobile Phase Component for Separation of Some DNS-Amino Acid Enantiomers with HPTLC and PPEC. <i>Current Analytical Chemistry</i> , 2014, 11, 68-77.	1.2	9
10	Establishment of an effective TLC bioautographic method for the detection of <i>Mycobacterium tuberculosis</i> H37Ra phosphoglucose isomerase inhibition by phosphoenolpyruvate. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1712-1717.	5.2	9
11	Retardation of some drugs in thin-layer chromatographic systems with impregnated silica gel plates with hen's egg white and bovine serum albumin. <i>Journal of Chromatography A</i> , 2020, 1625, 461277.	3.7	7
12	Histochemical and Phytochemical Analysis of <i>Lamium album</i> subsp. <i>album</i> L. Corolla: Essential Oil, Triterpenes, and Iridoids. <i>Molecules</i> , 2021, 26, 4166.	3.8	7
13	Preliminary results for interval feeding the orthogonal pressurized planar electrochromatography system with sample solution for its preparative separation. <i>Journal of Chromatography A</i> , 2017, 1499, 183-189.	3.7	5
14	Separation of 9-Fluorenylmethyloxycarbonyl Amino Acid Derivatives in Micellar Systems of High-Performance Thin-Layer Chromatography and Pressurized Planar Electrochromatography. <i>Scientific Reports</i> , 2019, 9, 17103.	3.3	4
15	Comparison of Phenolic Compound Separations by HPTLC and PPEC with SDS as the Mobile Phase Component. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-15.	1.6	4
16	High-performance thin-layer chromatography and pressurized planar electrochromatography of some diastereomeric amino acid derivatives in reversed-phase system with carboxylic acid mobile phase buffers. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016, 29, 22-29.	1.2	4
17	Influence of Two Cyclodextrin HP-derivatives on Retention and Migration Distance of Some Isomers in High-Performance Thin-Layer Chromatography and Pressurized Planar Electrochromatography Systems with Non-polar Adsorbents. <i>Current Analytical Chemistry</i> , 2015, 11, 199-210.	1.2	3
18	Preparation of Antihypertensive Drugs in Biological Matrix with Solvent Front Position Extraction for LC-MS/MS Analysis. <i>Molecules</i> , 2022, 27, 205.	3.8	3

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19	Pressurized planar electrochromatography as a supporting tool for qualitative toxicological chemical analysis with thin-layer chromatography and UV-Vis spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 320-326.	1.0	2
20	Some theoretical considerations on preparative separation with orthogonal pressurised planar electrochromatography. <i>Journal of Separation Science</i> , 2019, 42, 933-946.	2.5	2
21	Electrochromatography Methods: Planar Electrochromatography. <i>Springer Series in Chemical Physics</i> , 2013, , 191-202.	0.2	2
22	The effect of mobile phase composition on separation of some Non-Steroidal Anti-Inflammatory Drugs of the 2-arylpropanoic acid derivatives in System of Reversed-Phase Pressurized Planar Electrochromatography and High-Performance Thin-Layer Chromatography. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2012, 25, 282-285.	0.4	2
23	Secretory Products in Petals of <i>Centaurea cyanus</i> L. Flowers: A Histochemistry, Ultrastructure, and Phytochemical Study of Volatile Compounds. <i>Molecules</i> , 2022, 27, 1371.	3.8	2
24	Separation of some vitamins in reversed-phase thin-layer chromatography and pressurized planar electrochromatography with eluent containing surfactant. <i>Scientific Reports</i> , 2021, 11, 21851.	3.3	1
25	THE STUDY OF THE LIPOPHILICITY OF NOVEL ANTIBACTERIAL ACTIVE PYRAZOLE DERIVATIVES CONTAINING A CARBOXAMIDE GROUP. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2639-2650.	1.0	0
26	Effect of mobile phase buffer pH on separation selectivity of some isoquinoline alkaloids in reversed-phase systems of Pressuriz. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2015, 26, 45-49.	0.4	0