PaweÅ, K Zarzycki

List of Publications by Year
in descending order

71	1,365	394421	377865
papers	citations	19 h-index	34 g-index

72	72	72	1418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dye Removal from Water and Wastewater Using Various Physical, Chemical, and Biological Processes. Journal of AOAC INTERNATIONAL, 2018, 101, 1371-1384.	1.5	208
2	Microfluidic Paper-Based Analytical Devices (Î¼PADs) and Micro Total Analysis Systems (Î¼TAS): Development, Applications and Future Trends. Chromatographia, 2013, 76, 1201-1214.	1.3	194
3	Metabolism of Synthetic Steroids by the Human Placenta. Placenta, 2007, 28, 39-46.	1.5	101
4	Simple horizontal chamber for thermostated micro-thin-layer chromatography. Journal of Chromatography A, 2008, 1187, 250-259.	3.7	46
5	Separation of steroids using temperature-dependent inclusion chromatography. Journal of Chromatography A, 2001, 912, 45-52.	3.7	36
6	Effect of temperature on separation of norgestrel enantiomers by high-performance liquid chromatography. Journal of Chromatography A, 1994, 668, 413-417.	3.7	34
7	Characterization of human fetal cord blood steroid profiles in relation to fetal sex and mode of delivery using temperature-dependent inclusion chromatography and principal component analysis (PCA). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 855, 249-254.	2.3	32
8	Determination of steroids in human plasma using temperature-dependent inclusion chromatography for metabolomic investigations. Journal of Chromatography A, 2006, 1104, 203-208.	3.7	31
9	Fast Separation and Quantification of C60 and C70 Fullerenes Using Thermostated Micro Thin-layer Chromatography. Analytical Sciences, 2007, 23, 1391-1396.	1.6	29
10	Low-parachor solvents extraction and thermostated micro-thin-layer chromatography separation for fast screening and classification of spirulina from pharmaceutical formulations and food samples. Journal of Chromatography A, 2011, 1218, 5694-5704.	3.7	26
11	Application of micro-thin-layer chromatography as a simple fractionation tool for fast screening of raw extracts derived from complex biological, pharmaceutical and environmental samples. Analytica Chimica Acta, 2011, 688, 168-174.	5.4	26
12	Thermodynamic study of the retention behaviour of selected macrocycles using reversed-phase high-performance thin-layer chromatography plates and methanol-water mobile phases. Journal of Chromatography A, 1997, 787, 227-233.	3.7	24
13	Interaction of native Î±-cyclodextrin, Î²-cyclodextrin and Î³-cyclodextrin and their hydroxypropyl derivatives with selected organic low molecular mass compounds at elevated and subambient temperature under RP-HPLC conditions. Analytical and Bioanalytical Chemistry, 2008, 391, 2793-2801.	3.7	24
14	Chromatographic behaviour of selected steroids and their inclusion complexes with Î²-cyclodextrin on octadecylsilica stationary phases with different carbon loads. Journal of Chromatography A, 2002, 955, 71-78.	3.7	22
15	RP-HPLC method with electrochemical detection for the determination of metoclopramide in serum and its use in pharmacokinetic studies. Biomedical Chromatography, 2001, 15, 513-517.	1.7	21
16	Application of temperature-controlled micro planar chromatography for separation and quantification of testosterone and its derivatives. Analytical and Bioanalytical Chemistry, 2008, 391, 2219-2225.	3.7	21
17	Evaluation of Methanol-Water and Acetonitrile-Water Binary Mixtures as Eluents for Temperature-dependent Inclusion Chromatography. Analytical Sciences, 2006, 22, 453-456.	1.6	20
18	Temperature-controlled micro-TLC: A versatile green chemistry and fast analytical tool for separation and preliminary screening of steroids fraction from biological and environmental samples. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 418-427.	2.5	20

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19	Carbon-Based Nanomaterials as Promising Material for Wastewater Treatment Processes. International Journal of Environmental Research and Public Health, 2020, 17, 5862.	2.6	20
20	Isocratic separation of ginsenosides by high-performance liquid chromatography on a diol column at subambient temperatures. Analytical and Bioanalytical Chemistry, 2006, 385, 96-104.	3.7	19
21	Determination of endocrine disrupting compounds using temperature-dependent inclusion chromatography. Journal of Chromatography A, 2009, 1216, 7602-7611.	3.7	19
22	Application of micro-TLC to the total antioxidant potential (TAP) measurement. Food Chemistry, 2015, 173, 749-754.	8.2	19
23	Optimization of a Solid-Phase Extraction Protocol for Fractionation of Selected Steroids Using retention Data from Micro Thin-layer Chromatography. Analytical Sciences, 2009, 25, 935-939.	1.6	18
24	Acetonitrile, the polarity chameleon. Analytical and Bioanalytical Chemistry, 2010, 397, 905-908.	3.7	18
25	Determination of endocrine disrupting compounds using temperature-dependent inclusion chromatography. Journal of Chromatography A, 2009, 1216, 7612-7622.	3.7	17
26	A New Total Antioxidant Potential Measurements Using RP-HPLC Assay with Fluorescence Detection. Journal of Chromatographic Science, 2011, 49, 401-404.	1.4	17
27	Simple chamber for temperature-controlled planar chromatography. Journal of Chromatography A, 2002, 971, 193-197.	3.7	16
28	Recent advances in hopanoids analysis: Quantification protocols overview, main research targets and selected problems of complex data exploration. Journal of Steroid Biochemistry and Molecular Biology, 2015, 153, 3-26.	2.5	15
29	Multivariate Comparison of Lunar Soil Simulants. Journal of Aerospace Engineering, 2019, 32, .	1.4	15
30	The bioequivalence study of baclofen and lioresal tablets using capillary electrophoresis. Biomedical Chromatography, 2004, 18, 311-317.	1.7	14
31	New approach for sensitive photothermal detection of C60 and C70 fullerenes on micro-thin-layer chromatographic plates. Analytica Chimica Acta, 2015, 863, 70-77.	5.4	14
32	Advances in the Analysis of Water and Wastewater Samples Using Various Sensing Protocols and Microfluidic Devices Based on PAD and Î¼TAS Systems. Journal of AOAC INTERNATIONAL, 2017, 100, 962-970.	1.5	14
33	A simple experiment demonstrating the temperature effect in supramolecular chemistry. Journal of Chemical Education, 1996, 73, 459.	2.3	13
34	Estimation of the breakthrough volume of selected steroids for <scp>C</scp>â€18 solidâ€phase extraction sorbent using retention data from microâ€thin layer chromatography. Journal of Separation Science, 2013, 36, 1104-1111.	2.5	13
35	Chromatographic behavior of selected dyes on silica and cellulose micro-TLC plates: Potential application as target substances for extraction, chromatographic, and/or microfluidic systems. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 259-281.	1.0	13
36	Evaluation of total antioxidant potential of selected biogenic polyamines, non-alcoholic drinks and alcoholic beverages using improved RP-HPLC assay involving fluorescence detection. Food Chemistry, 2012, 131, 1026-1029.	8.2	12

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37	Micro-TLC Approach for Fast Screening of Environmental Samples Derived from Surface and Sewage Waters. Chromatographia, 2013, 76, 1249-1259.	1.3	12
38	Cyclodextrins-based nanocomplexes for encapsulation of bioactive compounds in food, cosmetics, and pharmaceutical products: principles of supramolecular complexes formation, their influence on the antioxidative properties of target chemicals, and recent advances in selected industrial applications. , 2016, , 717-767.		12
39	Unexpected differences between planar and column liquid chromatographic retention of 1-acenaphthenol enantiomers controlled by supramolecular interactions involving Î²-cyclodextrin at subambient temperatures. Analytical and Bioanalytical Chemistry, 2017, 409, 3695-3706.	3.7	10
40	Pharmaceuticals in the aquatic environment: sources, effects, treatment methods. Archives of Physiotherapy and Global Researches, 2015, 19, 39-52.	0.0	10
41	Optimization of a solid phase extraction procedure for prostaglandin E2, F2Î± and their tissue metabolites. Prostaglandins and Other Lipid Mediators, 2007, 83, 304-310.	1.9	9
42	Analysis of Selected Endocrine Disrupters Fraction Including Bisphenols Extracted from Daily Products, Food Packaging and Treated Wastewater Using Optimized Solid-Phase Extraction and Temperature-Dependent Inclusion Chromatography. Molecules, 2019, 24, 1285.	3.8	9
43	A proposition for a lunar aggregate and its simulant. Advances in Space Research, 2020, 65, 2894-2901.	2.6	9
44	Evaluation of the water and organic liquids extraction efficiency of Spirulina maxima dyes using thermostated micro thin-layer chromatography. Journal of AOAC INTERNATIONAL, 2008, 91, 1196-202.	1.5	9
45	FINGERPRINTING OF SOOT DUST MATERIALS USING MICRO-TLC. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2846-2856.	1.0	8
46	Toward the Understanding of Micro-TLC Behavior of Various Dyes on Silica and Cellulose Stationary Phases Using A Data Mining Approach. Journal of AOAC INTERNATIONAL, 2018, 101, 1437-1447.	1.5	8
47	RP-HPLC, WITH FLUORESCENCE DETECTION, ASSAY FOR THE DETERMINATION OF TOTAL ANTIOXIDANT POTENTIAL (TAP). Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1194-1201.	1.0	7
48	Fast assessment of planar chromatographic layers quality using pulse thermovision method. Journal of Chromatography A, 2014, 1373, 211-215.	3.7	7
49	Preliminary Studies of Synthetic Dye Adsorption on Iron Sludge and Activated Carbons. Journal of AOAC INTERNATIONAL, 2018, 101, 1429-1436.	1.5	7
50	A New Miniaturized Planar Chromatography. Chromatographia, 2013, 76, 1197-1199.	1.3	5
51	Biocompatibility and Toxicity of Allotropic Forms of Carbon in Food Packaging. , 2018, , 73-107.		5
52	Reliability and effectiveness of laser scanners in future construction efforts on the Moon and Mars. Automation in Construction, 2021, 132, 103979.	9.8	5
53	Miniaturized Temperature-Controlled Planar Chromatography (Micro-TLC) as a Versatile Technique for Fast Screening of Micropollutants and Biomarkers Derived from Surface Water Ecosystems and During Technological Processes of Wastewater Treatment. Journal of AOAC INTERNATIONAL, 2017, 100, 935-949.	1.5	4
54	Pilbara Craton Soil as A Possible Lunar Soil Simulant for Civil Engineering Applications. Materials, 2019, 12, 3871.	2.9	4

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55	Reprint of: Application of micro-thin-layer chromatography as a simple fractionation tool for fast screening of raw extracts derived from complex biological, pharmaceutical and environmental samples. Analytica Chimica Acta, 2012, 716, 54-60.	5.4	3
56	Uncertainty of antioxidant profiling in complex mixtures using liquid chromatography involving post-column derivatisation. Journal of Food Composition and Analysis, 2014, 33, 216-219.	3.9	3
57	Staining and Derivatization Techniques for Visualization inÂPlanar Chromatography. , 2015, , 191-237.		3
58	Detection and Analysis of Microbes, Bioanalytes, and Micropollutants, Focusing on Food and Environmental Samples, Using Nanoparticle-Based Detection Systems, Microfluidic Analytical Devices, and Related Techniques. Journal of AOAC INTERNATIONAL, 2017, 100, 893-894.	1.5	3
59	Degradation Studies of Selected Bisphenols in the Presence of Î²-Cyclodextrin and/or Duckweed Water Plant. Journal of AOAC INTERNATIONAL, 2020, 103, 439-448.	1.5	3
60	A preliminary study for the fast prototyping of simple electroplanar separation systems based on various natural polymers and planar chromatographic stationary phases. Journal of Planar Chromatography - Modern TLC, 2017, 30, 440-452.	1.2	2
61	Unexpected Encapsulation of Selected Polycyclic Aromatic Hydrocarbons by Î²-Cyclodextrin Studied Using UV-Vis Spectrophotometry, Micro-Planar Chromatography and Temperature Dependent Inclusion Chromatography. Symmetry, 2020, 12, 1967.	2.2	2
62	Smart Sampling and Probing: Are You Getting All the Relevant Information?. Journal of AOAC INTERNATIONAL, 2020, 103, 456-469.	1.5	2
63	Investigation of Hybrid Methods for Elimination of Brilliant Blue Dye from Water Phase Using Various Nanomaterials Combined with Activated Sludge and Duckweed. Nanomaterials, 2021, 11, 1747.	4.1	2
64	Advances in Extraction, Fractionation, and Purification of Low-Molecular MassÂCompounds From Food and Biological Samples. , 2017, , 107-189.		1
65	Supplementary evaluation of retention and physicochemical data involving multivariate analysis approach. Journal of Separation Science, 2016, 39, 4781-4783.	2.5	0
66	Analysis and Applications of Colorants and Optical Sensing Markers. Journal of AOAC INTERNATIONAL, 2018, 101, 1295-1296.	1.5	0
67	Screening of macrocycles retention for microplanar analytical devices involving host-guest interactions and silica or octadecylsilica adsorbents. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 315-323.	1.0	0
68	Extraction, Microextraction, and Smart Sample Collection Systems. Journal of AOAC INTERNATIONAL, 2020, 103, 335-336.	1.5	0
69	Smart sampling and probing. Chemometrics and Intelligent Laboratory Systems, 2021, 212, 104306.	3.5	0
70	Quantification of Low Molecular Mass Compounds Using Thermostated Planar Chromatography. , 2011, , 223-244.		0
71	Long-Term Fluorescence Behavior of CdSe/ZnS Quantum Dots on Various Planar Chromatographic Stationary Phases. Nanomaterials, 2022, 12, 745.	4.1	0