

# Paweł, K Zarzycki

## List of Publications by Year in descending order

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71  
papers

1,365  
citations

394421

19  
h-index

377865

34  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Fluorescence Behavior of CdSe/ZnS Quantum Dots on Various Planar Chromatographic Stationary Phases. <i>Nanomaterials</i> , 2022, 12, 745.	4.1	0
2	Smart sampling and probing. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 212, 104306.	3.5	0
3	Investigation of Hybrid Methods for Elimination of Brilliant Blue Dye from Water Phase Using Various Nanomaterials Combined with Activated Sludge and Duckweed. <i>Nanomaterials</i> , 2021, 11, 1747.	4.1	2
4	Reliability and effectiveness of laser scanners in future construction efforts on the Moon and Mars. <i>Automation in Construction</i> , 2021, 132, 103979.	9.8	5
5	Carbon-Based Nanomaterials as Promising Material for Wastewater Treatment Processes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5862.	2.6	20
6	Unexpected Encapsulation of Selected Polycyclic Aromatic Hydrocarbons by $\beta$ -Cyclodextrin Studied Using UV-Vis Spectrophotometry, Micro-Planar Chromatography and Temperature Dependent Inclusion Chromatography. <i>Symmetry</i> , 2020, 12, 1967.	2.2	2
7	Smart Sampling and Probing: Are You Getting All the Relevant Information?. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 456-469.	1.5	2
8	Extraction, Microextraction, and Smart Sample Collection Systems. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 335-336.	1.5	0
9	Degradation Studies of Selected Bisphenols in the Presence of $\beta$ -Cyclodextrin and/or Duckweed Water Plant. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 439-448.	1.5	3
10	A proposition for a lunar aggregate and its simulant. <i>Advances in Space Research</i> , 2020, 65, 2894-2901.	2.6	9
11	Multivariate Comparison of Lunar Soil Simulants. <i>Journal of Aerospace Engineering</i> , 2019, 32, .	1.4	15
12	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. <i>Molecules</i> , 2019, 24, 1285.	3.8	9
13	Pilbara Craton Soil as A Possible Lunar Soil Simulant for Civil Engineering Applications. <i>Materials</i> , 2019, 12, 3871.	2.9	4
14	Analysis and Applications of Colorants and Optical Sensing Markers. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1295-1296.	1.5	0
15	Preliminary Studies of Synthetic Dye Adsorption on Iron Sludge and Activated Carbons. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1429-1436.	1.5	7
16	Toward the Understanding of Micro-TLC Behavior of Various Dyes on Silica and Cellulose Stationary Phases Using A Data Mining Approach. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1437-1447.	1.5	8
17	Dye Removal from Water and Wastewater Using Various Physical, Chemical, and Biological Processes. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1371-1384.	1.5	208
18	Screening of macrocycles retention for microplanar analytical devices involving host-guest interactions and silica or octadecylsilica adsorbents. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 315-323.	1.0	0

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19	Biocompatibility and Toxicity of Allotropic Forms of Carbon in Food Packaging. , 2018, , 73-107.		5
20	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
21	Unexpected differences between planar and column liquid chromatographic retention of 1-acenaphthenol enantiomers controlled by supramolecular interactions involving $\beta$ -cyclodextrin at subambient temperatures. Analytical and Bioanalytical Chemistry, 2017, 409, 3695-3706.	3.7	10
22	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
23	Advances in Extraction, Fractionation, and Purification of Low-Molecular Mass Compounds From Food and Biological Samples. , 2017, , 107-189.		1
24	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
25	Advances in the Analysis of Water and Wastewater Samples Using Various Sensing Protocols and Microfluidic Devices Based on PAD and $\mu$ TAS Systems. Journal of AOAC INTERNATIONAL, 2017, 100, 962-970.	1.5	14
26	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
27	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
28	Supplementary evaluation of retention and physicochemical data involving multivariate analysis approach. Journal of Separation Science, 2016, 39, 4781-4783.	2.5	0
29	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
30	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
31	Application of micro-TLC to the total antioxidant potential (TAP) measurement. Food Chemistry, 2015, 173, 749-754.	8.2	19
32	Staining and Derivatization Techniques for Visualization in Planar Chromatography. , 2015, , 191-237.		3
33	Pharmaceuticals in the aquatic environment: sources, effects, treatment methods. Archives of Physiotherapy and Global Researches, 2015, 19, 39-52.	0.0	10
34	Fast assessment of planar chromatographic layers quality using pulse thermovision method. Journal of Chromatography A, 2014, 1373, 211-215.	3.7	7
35	FINGERPRINTING OF SOOT DUST MATERIALS USING MICRO-TLC. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2846-2856.	1.0	8
36	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

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37	Microfluidic Paper-Based Analytical Devices ( $\mu$ PADs) and Micro Total Analysis Systems ( $\mu$ TAS): Development, Applications and Future Trends. <i>Chromatographia</i> , 2013, 76, 1201-1214.	1.3	194
38	Micro-TLC Approach for Fast Screening of Environmental Samples Derived from Surface and Sewage Waters. <i>Chromatographia</i> , 2013, 76, 1249-1259.	1.3	12
39	Estimation of the breakthrough volume of selected steroids for $C_{18}$ solid-phase extraction sorbent using retention data from micro-thin layer chromatography. <i>Journal of Separation Science</i> , 2013, 36, 1104-1111.	2.5	13
40	A New Miniaturized Planar Chromatography. <i>Chromatographia</i> , 2013, 76, 1197-1199.	1.3	5
41	RP-HPLC, WITH FLUORESCENCE DETECTION, ASSAY FOR THE DETERMINATION OF TOTAL ANTIOXIDANT POTENTIAL (TAP). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1194-1201.	1.0	7
42	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. <i>Analytica Chimica Acta</i> , 2012, 716, 54-60.	5.4	3
43	Evaluation of total antioxidant potential of selected biogenic polyamines, non-alcoholic drinks and alcoholic beverages using improved RP-HPLC assay involving fluorescence detection. <i>Food Chemistry</i> , 2012, 131, 1026-1029.	8.2	12
44	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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 418-427.	2.5	20
45	Low-parachor solvents extraction and thermostated micro-thin-layer chromatography separation for fast screening and classification of spirulina from pharmaceutical formulations and food samples. <i>Journal of Chromatography A</i> , 2011, 1218, 5694-5704.	3.7	26
46	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. <i>Analytica Chimica Acta</i> , 2011, 688, 168-174.	5.4	26
47	A New Total Antioxidant Potential Measurements Using RP-HPLC Assay with Fluorescence Detection. <i>Journal of Chromatographic Science</i> , 2011, 49, 401-404.	1.4	17
48	Quantification of Low Molecular Mass Compounds Using Thermostated Planar Chromatography. , 2011, , 223-244.		0
49	Acetonitrile, the polarity chameleon. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 905-908.	3.7	18
50	Determination of endocrine disrupting compounds using temperature-dependent inclusion chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7612-7622.	3.7	17
51	Determination of endocrine disrupting compounds using temperature-dependent inclusion chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7602-7611.	3.7	19
52	Optimization of a Solid-Phase Extraction Protocol for Fractionation of Selected Steroids Using retention Data from Micro Thin-layer Chromatography. <i>Analytical Sciences</i> , 2009, 25, 935-939.	1.6	18
53	Application of temperature-controlled micro planar chromatography for separation and quantification of testosterone and its derivatives. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2219-2225.	3.7	21
54	Interaction of native $\alpha$ -cyclodextrin, $\beta$ -cyclodextrin and $\gamma$ -cyclodextrin and their hydroxypropyl derivatives with selected organic low molecular mass compounds at elevated and subambient temperature under RP-HPLC conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2793-2801.	3.7	24

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55	Simple horizontal chamber for thermostated micro-thin-layer chromatography. <i>Journal of Chromatography A</i> , 2008, 1187, 250-259.	3.7	46
56	Evaluation of the water and organic liquids extraction efficiency of <i>Spirulina maxima</i> dyes using thermostated micro thin-layer chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1196-202.	1.5	9
57	Fast Separation and Quantification of C60 and C70 Fullerenes Using Thermostated Micro Thin-layer Chromatography. <i>Analytical Sciences</i> , 2007, 23, 1391-1396.	1.6	29
58	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). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 249-254.	2.3	32
59	Metabolism of Synthetic Steroids by the Human Placenta. <i>Placenta</i> , 2007, 28, 39-46.	1.5	101
60	Optimization of a solid phase extraction procedure for prostaglandin E2, F2 $\beta$ and their tissue metabolites. <i>Prostaglandins and Other Lipid Mediators</i> , 2007, 83, 304-310.	1.9	9
61	Evaluation of Methanol-Water and Acetonitrile-Water Binary Mixtures as Eluents for Temperature-dependent Inclusion Chromatography. <i>Analytical Sciences</i> , 2006, 22, 453-456.	1.6	20
62	Determination of steroids in human plasma using temperature-dependent inclusion chromatography for metabolomic investigations. <i>Journal of Chromatography A</i> , 2006, 1104, 203-208.	3.7	31
63	Isocratic separation of ginsenosides by high-performance liquid chromatography on a diol column at subambient temperatures. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 96-104.	3.7	19
64	The bioequivalence study of baclofen and lioresal tablets using capillary electrophoresis. <i>Biomedical Chromatography</i> , 2004, 18, 311-317.	1.7	14
65	Chromatographic behaviour of selected steroids and their inclusion complexes with $\beta$ -cyclodextrin on octadecylsilica stationary phases with different carbon loads. <i>Journal of Chromatography A</i> , 2002, 955, 71-78.	3.7	22
66	Simple chamber for temperature-controlled planar chromatography. <i>Journal of Chromatography A</i> , 2002, 971, 193-197.	3.7	16
67	RP-HPLC method with electrochemical detection for the determination of metoclopramide in serum and its use in pharmacokinetic studies. <i>Biomedical Chromatography</i> , 2001, 15, 513-517.	1.7	21
68	Separation of steroids using temperature-dependent inclusion chromatography. <i>Journal of Chromatography A</i> , 2001, 912, 45-52.	3.7	36
69	Thermodynamic study of the retention behaviour of selected macrocycles using reversed-phase high-performance thin-layer chromatography plates and methanol-water mobile phases. <i>Journal of Chromatography A</i> , 1997, 787, 227-233.	3.7	24
70	A simple experiment demonstrating the temperature effect in supramolecular chemistry. <i>Journal of Chemical Education</i> , 1996, 73, 459.	2.3	13
71	Effect of temperature on separation of norgestrel enantiomers by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1994, 668, 413-417.	3.7	34