

# Michał, Szumski

## List of Publications by Year in descending order

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40  
papers

1,282  
citations

361413

20  
h-index

345221

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniaturization in Separation Techniques. , 2022, , 709-727.		0
2	Analysis of Natural Dyes from Historical Objects by High Performance Liquid Chromatography and Electromigration Techniques. Critical Reviews in Analytical Chemistry, 2021, 51, 1-34.	3.5	7
3	Synthesis and application of stationary phase for DNA-affinity chromatographic analysis of unmodified and antisense oligonucleotide. Analytical and Bioanalytical Chemistry, 2021, 413, 5109-5119.	3.7	3
4	How much separation sciences fit in the green chemistry canoe?. Current Opinion in Green and Sustainable Chemistry, 2021, 30, 100495.	5.9	11
5	CE&DAD&MS/MS in the simultaneous determination and identification of selected antibiotic drugs and their metabolites in human urine samples. Electrophoresis, 2021, , .	2.4	4
6	Microfluidic reactors with immobilized enzymes&”Characterization, dividing, perspectives. Sensors and Actuators B: Chemical, 2017, 244, 84-106.	7.8	74
7	Polymer monoliths with silver nanoparticles-cholesterol conjugate as stationary phases for capillary liquid chromatography. Journal of Chromatography A, 2017, 1526, 93-103.	3.7	8
8	Preparation of an improved hydrophilic monolith to make trypsin-immobilized microreactors. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1043, 128-137.	2.3	20
9	Application of a cholesterol stationary phase in the analysis of phosphorothioate oligonucleotides by means of ion pair chromatography coupled with tandem mass spectrometry. Talanta, 2016, 154, 270-277.	5.5	13
10	Hypercrosslinked cholesterol-based polystyrene monolithic capillary columns. Journal of Chromatography A, 2016, 1477, 11-21.	3.7	13
11	Preparation and evaluation of dual-enzyme microreactor with co-immobilized trypsin and chymotrypsin. Journal of Chromatography A, 2016, 1440, 45-54.	3.7	36
12	Cholesterol-based polymeric monolithic columns for capillary liquid chromatography. Part II. Journal of Chromatography A, 2015, 1408, 145-150.	3.7	7
13	Cholesterol-based polymeric monolithic columns for capillary liquid chromatography. Journal of Chromatography A, 2014, 1373, 114-123.	3.7	13
14	Monolithic molecularly imprinted polymeric capillary columns for isolation of aflatoxins. Journal of Chromatography A, 2014, 1364, 163-170.	3.7	49
15	Preparation of Monolithic Capillary Chromatographic Columns Using Supercritical Fluid as a Porogen Solvent. Chromatographia, 2014, 77, 1009-1017.	1.3	8
16	Electrochromatographic Methods: Capillary Electrochromatography. Springer Series in Chemical Physics, 2013, , 159-189.	0.2	0
17	EFFECT OF APPLIED VOLTAGE ON VIABILITY OF BACTERIA DURING SEPARATION UNDER ELECTROPHORETIC CONDITIONS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 2689-2698.	1.0	7
18	Supramolecular recognition of estrogens via molecularly imprinted polymers. Analytical and Bioanalytical Chemistry, 2010, 397, 2977-2986.	3.7	24

#	ARTICLE	IF	CITATIONS
19	Effect of zeta potential value on bacterial behavior during electrophoretic separation. <i>Electrophoresis</i> , 2010, 31, 1590-1596.	2.4	187
20	Nowe podejście w oznaczaniu i identyfikacji mikroorganizmów. , 2010, , .		0
21	EOF in monolithic poly(styrene-co-divinylbenzene) capillary columns. <i>Electrophoresis</i> , 2009, 30, 583-588.	2.4	9
22	Differentiation of <i>Staphylococcus aureus</i> strains by CE, zeta potential and coagulase gene polymorphism. <i>Electrophoresis</i> , 2009, 30, 3086-3091.	2.4	40
23	Effect of temperature during photopolymerization of capillary monolithic columns. <i>Journal of Separation Science</i> , 2009, 32, 2574-2581.	2.5	22
24	Application of a fluorescence stereomicroscope as an in-line detection unit for electrophoretic separation of bacteria. <i>Mikrochimica Acta</i> , 2009, 164, 287-291.	5.0	22
25	Migration of bacteria through a monolith. <i>Journal of Chromatography A</i> , 2009, 1216, 6146-6150.	3.7	17
26	Determination of volatile and non-volatile products of milk fermentation processes using capillary zone electrophoresis and solid phase microextraction coupled to gas chromatography. <i>Journal of Separation Science</i> , 2008, 31, 2707-2713.	2.5	18
27	Coupling of solid-phase microextraction continuous bed (monolithic) capillaries with capillary zone electrophoresis for direct analysis of drugs in biological fluids. <i>Electrophoresis</i> , 2008, 29, 1753-1760.	2.4	34
28	Assessing the Macroporous Structure of Monolithic Columns by Transmission Electron Microscopy. <i>Analytical Chemistry</i> , 2007, 79, 335-344.	6.5	64
29	Preparation and application of monolithic beds in the separation of selected natural biologically important compounds. <i>Journal of Separation Science</i> , 2007, 30, 55-66.	2.5	25
30	Alkylated poly(styrene-co-divinylbenzene) monolithic columns for HPLC and CEC separation of phenolic acids. <i>Journal of Separation Science</i> , 2007, 30, 3018-3026.	2.5	38
31	Considerations on influence of charge distribution on determination of biomolecules and microorganisms and tailoring the monolithic (continuous bed) materials for bioseparations. <i>Journal of Proteomics</i> , 2007, 70, 107-115.	2.4	11
32	Atom-Transfer Radical Graft Polymerization Initiated Directly from Silica Applied to Functionalization of Stationary Phases for High-Performance Liquid Chromatography in the Hydrophilic Interaction Chromatography Mode. <i>Analytical Chemistry</i> , 2006, 78, 7098-7103.	6.5	62
33	A study of surface modification and anchoring techniques used in the preparation of monolithic microcolumns in fused silica capillaries. <i>Journal of Separation Science</i> , 2006, 29, 14-24.	2.5	91
34	Separation of microorganisms using electromigration techniques. <i>Journal of Chromatography A</i> , 2005, 1084, 186-193.	3.7	72
35	Study of Bed Homogeneity of Methacrylate-Based Monolithic Columns for Micro-HPLC and CEC. <i>Chromatographia</i> , 2004, 60, .	1.3	33
36	Molecularly imprinted polymers: A new tool for separation of steroid isomers. <i>Journal of Separation Science</i> , 2004, 27, 837-842.	2.5	46

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37	Study of electroosmotic flow in packed capillary columns. Journal of Chromatography A, 2004, 1032, 141-148.	3.7	12
38	Separation of bacteria by capillary electrophoresis. Journal of Separation Science, 2003, 26, 1045-1049.	2.5	86
39	Determination of Biotin in Pharmaceutical Preparation by Means of HPLC and/or MEKC. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 195-205.	1.0	10
40	State of the Art in Miniaturized Separation Techniques. Critical Reviews in Analytical Chemistry, 2002, 32, 1-46.	3.5	84