Sylwia Studzinska

List of Publications by Year in Descending Order

66 papers	1,159 citations	19 h-index	30 g-index
70 ext. papers	1,327 ext. citations	3.8 avg, IF	5.11 L-index

#	Paper	IF	Citations
66	Analytics of Antisense Oligonucleotides **2022**, 1-22		
65	Analytics of Antisense Oligonucleotides **2022**, 91-112		
64	Application of Dried Blood Spots and Serum Samples for the Determination of Vitamin D Metabolites in the Group of Healthy Women and with Hashimoto Thyroiditis. *Chromatographia*, **2021**, 84, 695-701	2.1	0
63	Synthesis and application of stationary phase for DNA-affinity chromatographic analysis of unmodified and antisense oligonucleotide. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 5109-5119	4.4	0
62	Application of Magnetic Nanoparticles Coated with Crosslinked Zwitterionic Poly(ionic liquid)s for the Extraction of Oligonucleotides. *Materials*, **2021**, 14,	3.5	2
61	Poly(ionic liquid)s as new adsorbents in dispersive micro-solid-phase extraction of unmodified and modified oligonucleotides. *Talanta*, **2021**, 221, 121662	6.2	4
60	Evaluation of different biological matrices to assess the vitamin D status in newborns using LC-MS/MS. *Microchemical Journal*, **2021**, 168, 106368	4.8	2
59	and studies of antisense oligonucleotides - a review.. *RSC Advances*, **2020**, 10, 34501-34516	3.7	19
58	Application of hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry for the retention and sensitivity studies of antisense oligonucleotides. *Journal of Chromatography A*, **2020**, 1622, 461100	4.5	7
57	Hydrophilic interaction in solid-phase extraction of antisense oligonucleotides. *Journal of Chromatographic Science*, **2020**, 58, 383-387	1.4	2
56	Ultra-High-Performance Reversed-Phase Liquid Chromatography Hyphenated with ESI-Q-TOF-MS for the Analysis of Unmodified and Antisense Oligonucleotides. *Chromatographia*, **2020**, 83, 349-360	2.1	1
55	Improved sample preparation method for fast LC-MS/MS analysis of vitamin D metabolites in serum. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 190, 113529	3.5	8
54	Studying in vitro metabolism of the first and second generation of antisense oligonucleotides with the use of ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 7453-7467	4.4	3
53	Attachment of hybridizable oligonucleotides to a silica support and its application for selective extraction of unmodified and antisense oligonucleotides from serum samples.. *RSC Advances*, **2020**, 10, 16221-16230	3.7	3
52	Application of ion pair chromatography coupled with mass spectrometry to assess antisense oligonucleotides concentrations in living cells. *Analyst, The*, **2019**, 144, 622-633	5	4
51	A new approach to preparation of antisense oligonucleotide samples with microextraction by packed sorbent. *Analyst, The*, **2019**, 144, 4622-4632	5	3
50	Analysis of antisense oligonucleotides with the use of ionic liquids as mobile phase modifiers.. *RSC Advances*, **2019**, 9, 39100-39110	3.7	3

49	Analysis of the first and second generation of antisense oligonucleotides in serum samples with the use of ultra high performance liquid chromatography coupled with tandem mass spectrometry. *Talanta*, **2019**, 196, 54-63	6.2	12
48	Analysis of Antisense Oligonucleotides and Their Metabolites with the Use of Ion Pair Reversed-Phase Liquid Chromatography Coupled with Mass Spectrometry. *Critical Reviews in Analytical Chemistry*, **2019**, 49, 256-270	5.2	25
47	Development of a method for multiple vitamin D metabolite measurements by liquid chromatography coupled with tandem mass spectrometry in dried blood spots. *Analyst, The*, **2018**, 144, 299-309	5	15
46	Analysis of microRNA and modified oligonucleotides with the use of ultra high performance liquid chromatography coupled with mass spectrometry. *Journal of Chromatography A*, **2018**, 1554, 71-80	4.5	9
45	Review on investigations of antisense oligonucleotides with the use of mass spectrometry. *Talanta*, **2018**, 176, 329-343	6.2	40
44	On-line electrochemistry/electrospray ionization mass spectrometry (EC-ESI-MS) system for the study of nucleosides and nucleotides oxidation products. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 158, 416-424	3.5	3
43	Development of SPE method for the extraction of phosphorothioate oligonucleotides from serum samples. *Bioanalysis*, **2018**, 10, 1667-1677	2.1	9
42	Review on sample preparation methods for oligonucleotides analysis by liquid chromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1090, 90-100	3.2	23
41	The impact of ion-pairing reagents on the selectivity and sensitivity in the analysis of modified oligonucleotides in serum samples by liquid chromatography coupled with tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 138, 146-152	3.5	26
40	New approaches for extraction and determination of betaine from Beta vulgaris samples by hydrophilic interaction liquid chromatography-tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5133-5141	4.4	10
39	Application of phenyl-based stationary phases for the study of retention and separation of oligonucleotides. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1060, 36-43	3.2	14
38	Application of hydrophilic interaction liquid chromatography coupled with mass spectrometry in the analysis of phosphorothioate oligonucleotides in serum. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1040, 282-288	3.2	19
37	Development of a method based on ultra high performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry for studying the in vitro metabolism of phosphorothioate oligonucleotides. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 1585-95	4.4	30
36	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, 270-7	6.2	8
35	Analysis of oligonucleotides by liquid chromatography with alkylamide stationary phase. *Open Chemistry*, **2015**, 13,	1.6	4
34	Different approaches to quantitative structure-retention relationships in the prediction of oligonucleotide retention. *Journal of Separation Science*, **2015**, 38, 2076-84	3.4	14
33	New approach to the determination phosphorothioate oligonucleotides by ultra high performance liquid chromatography coupled with inductively coupled plasma mass spectrometry. *Analytica Chimica Acta*, **2015**, 855, 13-20	6.6	12
32	Functionalized anion exchange stationary phase for separation of anionic compounds. *Talanta*, **2014**, 127, 133-9	6.2	28

31	Quantitative structure–retention relationships of ionic liquid cations in characterization of stationary phases for HPLC. *Analytical Methods*, **2014**, 6, 1189	3.2	11
30	Evaluation of ultra high-performance [corrected] liquid chromatography columns for the analysis of unmodified and antisense oligonucleotides. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 7127-36	4.4	20
29	Study of RP HPLC Retention Behaviours in Analysis of Carotenoids. *Chromatographia*, **2014**, 77, 1047-1057	2.1	18
28	Analysis of normal and modified nucleosides in urine samples by high-performance liquid chromatography with different stationary phases. *Biomedical Chromatography*, **2014**, 28, 1140-6	1.7	3
27	The Effects of Stationary Phases on Retention and Selectivity of Oligonucleotides in IP-RP-HPLC. *Chromatographia*, **2014**, 77, 1589-1596	2.1	14
26	Determination of nucleotides in infant milk formulas using novel dendrimer ion-exchangers. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 949-950, 87-93	3.2	17
25	Effect of mobile phase pH on the retention of nucleotides on different stationary phases for high-performance liquid chromatography. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 1663-72	4.4	18
24	Corona-Charged Aerosol Detection: An Analytical Approach. *Critical Reviews in Analytical Chemistry*, **2013**, 43, 64-78	5.2	45
23	Fast method for the resolution and determination of sex steroids in urine. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2013**, 927, 158-63	3.2	11
22	Application of Electromigration Techniques in Environmental Analysis. *Springer Series in Chemical Physics*, **2013**, 335-353	0.3	
21	Linear Solvation Energy Relationships in the Determination of Specificity and Selectivity of Stationary Phases. *Chromatographia*, **2012**, 75, 1235-1246	2.1	13
20	A new way to fast and high resolution determination of modified nucleosides. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2012**, 887-888, 93-101	3.2	11
19	Chromatographic determination of hydrophobicity of dialkylimidazolium ionic liquids using selected stationary phase. *Journal of Separation Science*, **2012**, 35, 1123-31	3.4	7
18	Study of the Interactions of Ionic Liquids in IC by QSRR. *Chromatographia*, **2011**, 73, 35-44	2.1	18
17	Study of retention mechanism of imidazolium-based ionic liquids in HPLC. *Journal of Separation Science*, **2010**, 33, 1264-73	3.4	10
16	DETERMINATION OF IMIDAZOLIUM AND PYRIDINIUM IONIC LIQUID CATIONS BY ION CHROMATOGRAPHY. *Journal of Liquid Chromatography and Related Technologies*, **2009**, 33, 225-238	1.3	12
15	Study of toxicity of imidazolium ionic liquids to watercress (Lepidium sativum L.). *Analytical and Bioanalytical Chemistry*, **2009**, 393, 983-90	4.4	89
14	Study of ionic liquid cations transport in soil. *Journal of Hazardous Materials*, **2009**, 168, 1542-7	12.8	40

13	Study of sorption kinetics of some ionic liquids on different soil types. *Chemosphere*, **2008**, 71, 2121-8	8.4	44
12	A Review of Ionic Liquids in Chromatographic and Electromigration Techniques. *Chromatographia*, **2008**, 68, 1-10	2.1	87
11	Comparative evaluation of high-performance liquid chromatography stationary phases used for the separation of peptides in terms of quantitative structure-retention relationships. *Journal of Chromatography A*, **2007**, 1175, 49-54	4.5	36
10	HPLC columns partition by chemometric methods based on peptides retention. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2007**, 845, 253-60	3.2	19
9	Application of Chromatography and Chemometrics to Estimate Lipophilicity of Ionic Liquid Cations. *QSAR and Combinatorial Science*, **2007**, 26, 963-972		7
8	Some remarks on characterization and application of stationary phases for RP-HPLC determination of biologically important compounds. *Biomedical Chromatography*, **2006**, 20, 4-22	1.7	14
7	Influence of stationary phase properties on the separation of ionic liquid cations by RP-HPLC. *Journal of Separation Science*, **2006**, 29, 1116-25	3.4	45
6	Mobile-phase pH influence on the retention of some benzoic acid derivatives in reversed-phase chromatography. *Journal of Separation Science*, **2006**, 29, 1074-81	3.4	6
5	Effect of stationary phase polarity on the retention of ionic liquid cations in reversed phase liquid chromatography. *Journal of Separation Science*, **2006**, 29, 2625-34	3.4	25
4	Influence of pH on Benzoic Acid Derivatives' Retention and RP HPLC Column Classification. *Journal of Liquid Chromatography and Related Technologies*, **2006**, 29, 2663-2675	1.3	1
3	New Generation of Chromatographic Packings and Columns for Determination of Biologically Active Compounds. *Critical Reviews in Analytical Chemistry*, **2005**, 35, 89-116	5.2	14
2	The influence of the mobile phase pH and the stationary phase type on the selectivity tuning in high performance liquid chromatography nucleosides separation. *Journal of Separation Science*, **2005**, 28, 1502-11	3.4	17
1	Stationary phase with specific surface properties for the separation of estradiol diastereoisomers. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2003**, 792, 279-86	3.2	47