

# Anna Roszkowska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9329606/publications.pdf>

Version: 2024-02-01

27  
papers

492  
citations

687363

13  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	The critical evaluation of the effects of imidazolium-based ionic liquids on the separation efficiency of selected biogenic amines and their metabolites during MEKC analysis. <i>Talanta</i> , 2022, 238, 122997.	5.5	6
2	<i>In Vivo</i> Solid-Phase Microextraction and Applications in Environmental Sciences. <i>ACS Environmental Au</i> , 2022, 2, 30-41.	7.0	9
3	Recent advancements in techniques for analyzing modern, atypical antidepressants in complex biological matrices and their application in biomedical studies. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 152, 116609.	11.4	6
4	Metabolomic fingerprinting of porcine lung tissue during pre-clinical prolonged <i>ex vivo</i> lung perfusion using <i>in vivo</i> SPME coupled with LC-HRMS. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 590-600.	5.3	8
5	Nanoemulsion supported microemulsion electrokinetic chromatography coupled with selected preconcentration techniques as an approach for analysis of highly hydrophobic compounds. <i>Journal of Chromatography A</i> , 2022, , 463339.	3.7	0
6	Therapeutic drug monitoring of tranexamic acid in plasma and urine of renally impaired patients using solid phase microextraction. <i>Talanta</i> , 2021, 225, 121945.	5.5	13
7	Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during <i>in vivo</i> lung chemo-perfusion. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 37-47.	5.3	36
8	Optimization and comparison of two microsampling approaches for LC-MS/MS analysis of a panel of immunosuppressants in blood samples. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100433.	3.3	5
9	Serum metabolic fingerprinting of psoriasis and psoriatic arthritis patients using solid-phase microextraction-liquid chromatography-high-resolution mass spectrometry. <i>Metabolomics</i> , 2021, 17, 59.	3.0	19
10	Untargeted metabolomics profiling of skeletal muscle samples from malignant hyperthermia susceptible patients. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 761-772.	1.6	9
11	Control of retention mechanisms on an octadecyl-bonded silica column using ionic liquid-based mobile phase in analysis of cytostatic drugs by liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1651, 462257.	3.7	4
12	Simultaneous determination of mitotane, its metabolite, and five steroid hormones in urine samples by capillary electrophoresis using $\beta$ -CD 2 SDS 1 complexes as hydrophobic compounds solubilizers. <i>Electrophoresis</i> , 2021, , .	2.4	1
13	Metabolic profile of fish muscle tissue changes with sampling method, storage strategy and time. <i>Analytica Chimica Acta</i> , 2020, 1136, 42-50.	5.4	14
14	<i>In Vivo</i> SPME for Bioanalysis in Environmental Monitoring and Toxicology. , 2020, , 23-31.		2
15	Measurement of Free Drug Concentration from Biological Tissue by Solid-Phase Microextraction: <i>In Silico</i> and Experimental Study. <i>Analytical Chemistry</i> , 2019, 91, 7719-7728.	6.5	28
16	<i>In vivo</i> solid-phase microextraction sampling combined with metabolomics and toxicological studies for the non-lethal monitoring of the exposome in fish tissue. <i>Environmental Pollution</i> , 2019, 249, 109-115.	7.5	35
17	Application of solid-phase microextraction in current biomedical research. <i>Journal of Separation Science</i> , 2019, 42, 285-302.	2.5	54
18	Equilibrium <i>ex vivo</i> calibration of homogenized tissue for <i>in vivo</i> SPME quantitation of doxorubicin in lung tissue. <i>Talanta</i> , 2018, 183, 304-310.	5.5	43

#	ARTICLE	IF	CITATIONS
19	Bioanalysis of a panel of neurotransmitters and their metabolites in plasma samples obtained from pediatric patients with neuroblastoma and Wilms' tumor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1074-1075, 99-110.	2.3	13
20	Metabolome Profiling of Fish Muscle Tissue Exposed to Benzo[ <i>a</i> ]pyrene Using in Vivo Solid-Phase Microextraction. <i>Environmental Science and Technology Letters</i> , 2018, 5, 431-435.	8.7	37
21	Tissue storage affects lipidome profiling in comparison to in vivo microsampling approach. <i>Scientific Reports</i> , 2018, 8, 6980.	3.3	33
22	Solid phase microextraction (SPME) as a modern technique for the isolation of medications from biological samples. <i>Farmacja Polska</i> , 2018, 74, 716-721.	0.1	0
23	The LC-MS method for the simultaneous analysis of selected fat-soluble vitamins and their metabolites in serum samples obtained from pediatric patients with cystic fibrosis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 374-381.	2.8	20
24	Hydrophilic interaction chromatography combined with dispersive liquid-liquid microextraction as a preconcentration tool for the simultaneous determination of the panel of underivatized neurotransmitters in human urine samples. <i>Journal of Chromatography A</i> , 2016, 1431, 111-121.	3.7	49
25	Analytical approach to determining human biogenic amines and their metabolites using eVol microextraction in packed syringe coupled to liquid chromatography mass spectrometry method with hydrophilic interaction chromatography column. <i>Talanta</i> , 2016, 150, 331-339.	5.5	25
26	Expression patterns of AMP-deaminase and cytosolic 5'-nucleotidase genes in human term placenta. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 249-251.	3.1	8
27	Expression patterns of AMP-deaminase isozymes in human hepatocellular carcinoma (HCC). <i>Molecular and Cellular Biochemistry</i> , 2008, 318, 1-5.	3.1	14