

# Justyna PÅ,otka-Wasyłka

## List of Publications by Year in descending order

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74  
papers

5,465  
citations

126907

33  
h-index

82547

72  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4621  
citing authors

#	ARTICLE	IF	CITATIONS
1	The content of biogenic amines in Rondo and Zweigelt wines and correlations between selected wine parameters. <i>Food Chemistry</i> , 2022, 371, 131172.	8.2	7
2	Green analytical chemistry metrics: A review. <i>Talanta</i> , 2022, 238, 123046.	5.5	219
3	Application of deep eutectic solvents in atomic absorption spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 147, 116510.	11.4	14
4	The impact of cold plasma on the phenolic composition and biogenic amine content of red wine. <i>Food Chemistry</i> , 2022, 381, 132257.	8.2	8
5	Nanosorbents as Materials for Extraction Processes of Environmental Contaminants and Others. <i>Molecules</i> , 2022, 27, 1067.	3.8	9
6	A hierarchical porous composite magnetic sorbent of reduced graphene oxide embedded in polyvinyl alcohol cryogel for solvent-assisted solid phase extraction of polycyclic aromatic hydrocarbons. <i>Journal of Separation Science</i> , 2022, 45, 1774-1783.	2.5	7
7	Remarks on use of the term "deep eutectic solvent" in analytical chemistry. <i>Microchemical Journal</i> , 2022, 179, 107498.	4.5	22
8	Green, simple analytical method for biogenic amines determination in fruit juice samples using salting-out assisted liquid-liquid microextraction and gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2022, 384, 132557.	8.2	18
9	End-of-life management of single-use baby diapers: Analysis of technical, health and environment aspects. <i>Science of the Total Environment</i> , 2022, 836, 155339.	8.0	14
10	Application of deep eutectic solvents in bioanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116660.	11.4	23
11	Supramolecular deep eutectic solvents and their applications. <i>Green Chemistry</i> , 2022, 24, 5035-5045.	9.0	35
12	Profiling of polar ionogenic metabolites in Polish wines by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2022, 43, 1814-1821.	2.4	3
13	Are deep eutectic solvents useful in chromatography? A short review. <i>Journal of Chromatography A</i> , 2021, 1639, 461918.	3.7	24
14	Green analytical chemistry as an integral part of sustainable education development. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 31, 100508.	5.9	33
15	Metals and metal-binding ligands in wine: Analytical challenges in identification.. <i>Trends in Food Science and Technology</i> , 2021, 112, 382-390.	15.1	12
16	Environmental problems and health risks with disposable baby diapers: Monitoring of toxic compounds by application of analytical techniques and need of education. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116408.	11.4	13
17	Ferrofluids based analytical extractions and evaluation of their greenness. <i>Journal of Molecular Liquids</i> , 2021, 339, 116901.	4.9	14
18	Application of deep eutectic solvents for separation and determination of bioactive compounds in medicinal plants. <i>Industrial Crops and Products</i> , 2021, 172, 114047.	5.2	44

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19	Complementary green analytical procedure index (ComplexGAPI) and software. <i>Green Chemistry</i> , 2021, 23, 8657-8665.	9.0	208
20	Multicriteria Decision Analysis and Grouping of Analytical Procedures for Phthalates Determination in Disposable Baby Diapers. <i>Molecules</i> , 2021, 26, 7009.	3.8	0
21	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115710.	11.4	39
22	Nanoparticles: Synthesis, characteristics, and applications in analytical and other sciences. <i>Microchemical Journal</i> , 2020, 154, 104623.	4.5	116
23	Ultrasound assisted solvent extraction of porous membrane-packed samples followed by liquid chromatography-tandem mass spectrometry for determination of BADGE, BFDGE and their derivatives in packed vegetables. <i>Science of the Total Environment</i> , 2020, 708, 135178.	8.0	10
24	Deep eutectic solvents vs ionic liquids: Similarities and differences. <i>Microchemical Journal</i> , 2020, 159, 105539.	4.5	243
25	The role of water in deep eutectic solvent-base extraction. <i>Journal of Molecular Liquids</i> , 2020, 304, 112747.	4.9	134
26	Green Analytical Chemistry: Summary of Existing Knowledge and Future Trends. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 431-449.	0.7	8
27	New Achievements in the Field of Extraction of Trace Analytes from Samples Characterized by Complex Composition of the Matrix. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 103-150.	0.7	1
28	Evaluation of the influence of grapevine growing conditions on wine quality. <i>Monatshefte für Chemie</i> , 2019, 150, 1579-1584.	1.8	3
29	Determination and identification of organic acids in wine samples. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115630.	11.4	76
30	Liquid-liquid phase microextraction: A review of reviews. <i>Microchemical Journal</i> , 2019, 149, 103989.	4.5	143
31	Prediction of the Biogenic Amines Index of Poultry Meat Using an Electronic Nose. <i>Sensors</i> , 2019, 19, 1580.	3.8	40
32	Organic Acids and Polyphenols Determination in Polish Wines by Ultrasound-Assisted Solvent Extraction of Porous Membrane-Packed Liquid Samples. <i>Molecules</i> , 2019, 24, 4376.	3.8	26
33	Ultrasound-assisted solvent extraction of porous membrane packed solid samples: A new approach for extraction of target analytes from solid samples. <i>Microchemical Journal</i> , 2019, 144, 117-123.	4.5	19
34	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 271-288.	3.5	96
35	Green analytical chemistry: Social dimension and teaching. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 185-196.	11.4	84
36	Recent trends in determination of neurotoxins in aquatic environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 112-122.	11.4	25

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37	Dispersive liquid-liquid microextraction combined with gas chromatography–mass spectrometry for in situ determination of biogenic amines in meat: Estimation of meat's freshness. <i>Microchemical Journal</i> , 2019, 145, 130-138.	4.5	35
38	Characterization of home-made and regional fruit wines by evaluation of correlation between selected chemical parameters. <i>Microchemical Journal</i> , 2018, 140, 66-73.	4.5	10
39	CE-MS and GC-MS as “Green” and Complementary Methods for the Analysis of Biogenic Amines in Wine. <i>Food Analytical Methods</i> , 2018, 11, 2614-2627.	2.6	14
40	“Green” nature of the process of derivatization in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 16-31.	11.4	46
41	Direct solid phase microextraction combined with gas chromatography – Mass spectrometry for the determination of biogenic amines in wine. <i>Talanta</i> , 2018, 183, 276-282.	5.5	78
42	Application of molecularly imprinted polymers in analytical chiral separations and analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 91-102.	11.4	138
43	A new tool for the evaluation of the analytical procedure: Green Analytical Procedure Index. <i>Talanta</i> , 2018, 181, 204-209.	5.5	991
44	Classification of Polish wines by application of ultra-fast gas chromatography. <i>European Food Research and Technology</i> , 2018, 244, 1463-1471.	3.3	9
45	Combined extraction and microextraction techniques: Recent trends and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 74-86.	11.4	84
46	Detection, identification and determination of resveratrol in wine. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 21-33.	11.4	40
47	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 128-142.	11.4	220
48	Determination of Metals Content in Wine Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Molecules</i> , 2018, 23, 2886.	3.8	41
49	Birds' feathers – Suitable samples for determination of environmental pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 97-115.	11.4	43
50	Main complications connected with detection, identification and determination of trace organic constituents in complex matrix samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 173-184.	11.4	14
51	Green Chemistry in Higher Education: State of the Art, Challenges, and Future Trends. <i>ChemSusChem</i> , 2018, 11, 2845-2858.	6.8	49
52	An analytical hierarchy process for selection of the optimal procedure for resveratrol determination in wine samples. <i>Microchemical Journal</i> , 2018, 142, 126-134.	4.5	20
53	Impact of selected parameters of the fermentation process of wine and wine itself on the biogenic amines content: Evaluation by application of chemometric tools. <i>Microchemical Journal</i> , 2018, 142, 187-194.	4.5	13
54	Evaluation of the Impact of Storage Conditions on the Biogenic Amines Profile in Opened Wine Bottles. <i>Molecules</i> , 2018, 23, 1130.	3.8	7

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55	Direct determination of cadaverine in the volatile fraction of aerobically stored chicken breast samples. <i>Monatshefte für Chemie</i> , 2018, 149, 1521-1525.	1.8	1
56	Evaluation of Green Sample Preparation Techniques for Organic Compounds. <i>Current Green Chemistry</i> , 2018, 5, 168-176.	1.1	7
57	New Polymeric Materials for Solid Phase Extraction. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 373-383.	3.5	53
58	Extraction with environmentally friendly solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 12-25.	11.4	231
59	Application of additional factors supporting the microextraction process. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 104-119.	11.4	31
60	Determination of Selected Metals in Fruit Wines by Spectroscopic Techniques. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-9.	1.6	13
61	Miniaturized Solid Phase Extraction. <i>Comprehensive Analytical Chemistry</i> , 2017, , 279-318.	1.3	5
62	An in situ derivatization "dispersive liquid-liquid microextraction" combined with gas-chromatography "mass spectrometry for determining biogenic amines in home-made fermented alcoholic drinks. <i>Journal of Chromatography A</i> , 2016, 1453, 10-18.	3.7	61
63	Modern solutions in the field of microextraction using liquid as a medium of extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 46-64.	11.4	88
64	Ionic liquids-based microextraction techniques. , 2016, , 189-232.		0
65	Modern trends in solid phase extraction: New sorbent media. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 77, 23-43.	11.4	474
66	Chemical Derivatization Processes Applied to Amine Determination in Samples of Different Matrix Composition. <i>Chemical Reviews</i> , 2015, 115, 4693-4718.	47.7	53
67	Miniaturized solid-phase extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 73, 19-38.	11.4	375
68	Effects of Addictive Substances During Pregnancy and Infancy and Their Analysis in Biological Materials. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 227, 55-77.	1.3	19
69	Capillary gas chromatography using a $\beta$ -cyclodextrin for enantiomeric separation of methylamphetamine, its precursors and chloro intermediates after optimization of the derivatization reaction. <i>Journal of Chromatography A</i> , 2014, 1347, 146-156.	3.7	8
70	Pharmaceutical and forensic drug applications of chiral supercritical fluid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 56, 74-89.	11.4	98
71	Green chromatography. <i>Journal of Chromatography A</i> , 2013, 1307, 1-20.	3.7	217
72	Prenatal exposure to substance of abuse: A worldwide problem. <i>Environment International</i> , 2013, 54, 141-163.	10.0	66

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73	Chiral Analysis of Chloro Intermediates of Methylamphetamine by One-Dimensional and Multidimensional NMR and GC/MS. <i>Analytical Chemistry</i> , 2012, 84, 5625-5632.	6.5	8
74	Common methods for the chiral determination of amphetamine and related compounds II. Capillary electrophoresis and nuclear magnetic resonance. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 31, 23-37.	11.4	14