

# Justyna Plotka-Wasyłka

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71  
papers

2,953  
citations

26  
h-index

54  
g-index

76  
ext. papers

3,939  
ext. citations

8.8  
avg, IF

6.46  
L-index

#	Paper	IF	Citations
71	The impact of cold plasma on the phenolic composition and biogenic amine content of red wine.. <i>Food Chemistry</i> , <b>2022</b> , 381, 132257	8.5	0
70	Green analytical chemistry metrics: A review. <i>Talanta</i> , <b>2022</b> , 238, 123046	6.2	27
69	Application of deep eutectic solvents in atomic absorption spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 147, 116510	14.6	3
68	The content of biogenic amines in Rondo and Zweigelt wines and correlations between selected wine parameters. <i>Food Chemistry</i> , <b>2022</b> , 371, 131172	8.5	1
67	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> , <b>2022</b> ,	3.4	1
66	Remarks on use of the term "deep eutectic solvent" in analytical chemistry. <i>Microchemical Journal</i> , <b>2022</b> , 179, 107498	4.8	1
65	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> , <b>2022</b> , 384, 132557	8.5	3
64	End-of-life management of single-use baby diapers: Analysis of technical, health and environment aspects.. <i>Science of the Total Environment</i> , <b>2022</b> , 155339	10.2	0
63	Application of deep eutectic solvents in bioanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 154, 116646	10	0
62	Complementary green analytical procedure index (ComplexGAPI) and software. <i>Green Chemistry</i> , <b>2021</b> , 23, 8657-8665	10	22
61	Green analytical chemistry as an integral part of sustainable education development. <i>Current Opinion in Green and Sustainable Chemistry</i> , <b>2021</b> , 31, 100508	7.9	12
60	Metals and metal-binding ligands in wine: Analytical challenges in identification.. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 112, 382-390	15.3	2
59	Are deep eutectic solvents useful in chromatography? A short review. <i>Journal of Chromatography A</i> , <b>2021</b> , 1639, 461918	4.5	10
58	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> , <b>2021</b> , 143, 116408	14.6	3
57	Ferrofluids based analytical extractions and evaluation of their greenness. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 339, 116901	6	4
56	Application of deep eutectic solvents for separation and determination of bioactive compounds in medicinal plants. <i>Industrial Crops and Products</i> , <b>2021</b> , 172, 114047	5.9	5
55	The role of water in deep eutectic solvent-base extraction. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 304, 112747	4.7	60

54	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 122, 115710	14.6	24
53	Nanoparticles: Synthesis, characteristics, and applications in analytical and other sciences. <i>Microchemical Journal</i> , <b>2020</b> , 154, 104623	4.8	50
52	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> , <b>2020</b> , 708, 135178	10.2	3
51	Deep eutectic solvents vs ionic liquids: Similarities and differences. <i>Microchemical Journal</i> , <b>2020</b> , 159, 105539	4.8	63
50	Evaluation of the influence of grapevine growing conditions on wine quality. <i>Monatshefte für Chemie</i> , <b>2019</b> , 150, 1579-1584	1.4	0
49	Determination and identification of organic acids in wine samples. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 120, 115630	14.6	32
48	Liquid-phase microextraction: A review of reviews. <i>Microchemical Journal</i> , <b>2019</b> , 149, 103989	4.8	91
47	Prediction of the Biogenic Amines Index of Poultry Meat Using an Electronic Nose. <i>Sensors</i> , <b>2019</b> , 19,	3.8	14
46	Green Analytical Chemistry: Summary of Existing Knowledge and Future Trends. <i>Green Chemistry and Sustainable Technology</i> , <b>2019</b> , 431-449	1.1	5
45	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> , <b>2019</b> , 103-150	1.1	1
44	Organic Acids and Polyphenols Determination in Polish Wines by Ultrasound-Assisted Solvent Extraction of Porous Membrane-Packed Liquid Samples. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
43	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> , <b>2019</b> , 144, 117-123	4.8	14
42	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. <i>Critical Reviews in Analytical Chemistry</i> , <b>2019</b> , 49, 271-288	5.2	58
41	Green analytical chemistry: Social dimension and teaching. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 111, 185-196	14.6	43
40	Recent trends in determination of neurotoxins in aquatic environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 112, 112-122	14.6	11
39	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> , <b>2019</b> , 145, 130-138	4.8	26
38	Characterization of home-made and regional fruit wines by evaluation of correlation between selected chemical parameters. <i>Microchemical Journal</i> , <b>2018</b> , 140, 66-73	4.8	7
37	CE-MS and GC-MS as Complementary Methods for the Analysis of Biogenic Amines in Wine. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 2614-2627	3.4	11

36	Greenature of the process of derivatization in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 102, 16-31	14.6	30
35	Direct solid phase microextraction combined with gas chromatography - Mass spectrometry for the determination of biogenic amines in wine. <i>Talanta</i> , <b>2018</b> , 183, 276-282	6.2	56
34	Application of molecularly imprinted polymers in analytical chiral separations and analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 102, 91-102	14.6	103
33	A new tool for the evaluation of the analytical procedure: Green Analytical Procedure Index. <i>Talanta</i> , <b>2018</b> , 181, 204-209	6.2	368
32	Classification of Polish wines by application of ultra-fast gas chromatography. <i>European Food Research and Technology</i> , <b>2018</b> , 244, 1463-1471	3.4	5
31	Combined extraction and microextraction techniques: Recent trends and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 103, 74-86	14.6	65
30	Detection, identification and determination of resveratrol in wine. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 103, 21-33	14.6	31
29	Evaluation of the Impact of Storage Conditions on the Biogenic Amines Profile in Opened Wine Bottles. <i>Molecules</i> , <b>2018</b> , 23,	4.8	5
28	Direct determination of cadaverine in the volatile fraction of aerobically stored chicken breast samples. <i>Monatshefte für Chemie</i> , <b>2018</b> , 149, 1521-1525	1.4	1
27	Evaluation of Green Sample Preparation Techniques for Organic Compounds. <i>Current Green Chemistry</i> , <b>2018</b> , 5, 168-176	1.3	7
26	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 98, 128-142	14.6	148
25	Determination of Metals Content in Wine Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Molecules</i> , <b>2018</b> , 23,	4.8	25
24	Birds' feathers Suitable samples for determination of environmental pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 109, 97-115	14.6	22
23	Main complications connected with detection, identification and determination of trace organic constituents in complex matrix samples. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 105, 173-184	14.6	10
22	Green Chemistry in Higher Education: State of the Art, Challenges, and Future Trends. <i>ChemSusChem</i> , <b>2018</b> , 11, 2845-2858	8.3	24
21	An analytical hierarchy process for selection of the optimal procedure for resveratrol determination in wine samples. <i>Microchemical Journal</i> , <b>2018</b> , 142, 126-134	4.8	12
20	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> , <b>2018</b> , 142, 187-194	4.8	9
19	New Polymeric Materials for Solid Phase Extraction. <i>Critical Reviews in Analytical Chemistry</i> , <b>2017</b> , 47, 373-383	5.2	36

18	Extraction with environmentally friendly solvents. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 91, 12-25	14.6	157
17	Determination of Selected Metals in Fruit Wines by Spectroscopic Techniques. <i>Journal of Analytical Methods in Chemistry</i> , <b>2017</b> , 2017, 5283917	2	9
16	Miniaturized Solid Phase Extraction. <i>Comprehensive Analytical Chemistry</i> , <b>2017</b> , 279-318	1.9	4
15	Application of additional factors supporting the microextraction process. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 97, 104-119	14.6	21
14	Ionic liquids-based microextraction techniques <b>2016</b> , 189-232		
13	Modern trends in solid phase extraction: New sorbent media. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 77, 23-43	14.6	376
12	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> , <b>2016</b> , 1453, 10-8	4.5	50
11	Modern solutions in the field of microextraction using liquid as a medium of extraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 85, 46-64	14.6	79
10	Miniaturized solid-phase extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 73, 19-38	14.6	295
9	Chemical derivatization processes applied to amine determination in samples of different matrix composition. <i>Chemical Reviews</i> , <b>2015</b> , 115, 4693-718	68.1	41
8	Pharmaceutical and forensic drug applications of chiral supercritical fluid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 56, 74-89	14.6	83
7	Effects of addictive substances during pregnancy and infancy and their analysis in biological materials. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2014</b> , 227, 55-77	3.5	16
6	Capillary gas chromatography using a Cyclodextrin for enantiomeric separation of methylamphetamine, its precursors and chloro intermediates after optimization of the derivatization reaction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1347, 146-56	4.5	7
5	Green chromatography. <i>Journal of Chromatography A</i> , <b>2013</b> , 1307, 1-20	4.5	160
4	Prenatal exposure to substance of abuse: a worldwide problem. <i>Environment International</i> , <b>2013</b> , 54, 141-63	12.9	55
3	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> , <b>2012</b> , 31, 23-37	14.6	12
2	Chiral analysis of chloro intermediates of methylamphetamine by one-dimensional and multidimensional NMR and GC/MS. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 5625-32	7.8	7
1	Supramolecular deep eutectic solvents and their applications.. <i>Green Chemistry</i> ,	10	1

