

Justyna Plotka-Wasyłka

List of Publications by Citations

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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	Modern trends in solid phase extraction: New sorbent media. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 77, 23-43	14.6	376
70	A new tool for the evaluation of the analytical procedure: Green Analytical Procedure Index. <i>Talanta</i> , 2018 , 181, 204-209	6.2	368
69	Miniaturized solid-phase extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 73, 19-38	14.6	295
68	Green chromatography. <i>Journal of Chromatography A</i> , 2013 , 1307, 1-20	4.5	160
67	Extraction with environmentally friendly solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 91, 12-25	14.6	157
66	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 128-142	14.6	148
65	Application of molecularly imprinted polymers in analytical chiral separations and analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 102, 91-102	14.6	103
64	Liquid phase microextraction: A review of reviews. <i>Microchemical Journal</i> , 2019 , 149, 103989	4.8	91
63	Pharmaceutical and forensic drug applications of chiral supercritical fluid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 56, 74-89	14.6	83
62	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	14.6	79
61	Combined extraction and microextraction techniques: Recent trends and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 74-86	14.6	65
60	Deep eutectic solvents vs ionic liquids: Similarities and differences. <i>Microchemical Journal</i> , 2020 , 159, 105539	4.8	63
59	The role of water in deep eutectic solvent-base extraction. <i>Journal of Molecular Liquids</i> , 2020 , 304, 112747	4.7	60
58	Solid Phase Microextraction: Apparatus, Sorbent Materials, and Application. <i>Critical Reviews in Analytical Chemistry</i> , 2019 , 49, 271-288	5.2	58
57	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	6.2	56
56	Prenatal exposure to substance of abuse: a worldwide problem. <i>Environment International</i> , 2013 , 54, 141-63	12.9	55
55	Nanoparticles: Synthesis, characteristics, and applications in analytical and other sciences. <i>Microchemical Journal</i> , 2020 , 154, 104623	4.8	50

54	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, 10-8	4.5	50
53	Green analytical chemistry: Social dimension and teaching. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 111, 185-196	14.6	43
52	Chemical derivatization processes applied to amine determination in samples of different matrix composition. <i>Chemical Reviews</i> , 2015 , 115, 4693-718	68.1	41
51	New Polymeric Materials for Solid Phase Extraction. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 373-383	5.2	36
50	Determination and identification of organic acids in wine samples. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 120, 115630	14.6	32
49	Detection, identification and determination of resveratrol in wine. Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 21-33	14.6	31
48	Greenature of the process of derivatization in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 102, 16-31	14.6	30
47	Green analytical chemistry metrics: A review. <i>Talanta</i> , 2022 , 238, 123046	6.2	27
46	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	4.8	26
45	Determination of Metals Content in Wine Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Molecules</i> , 2018 , 23,	4.8	25
44	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115710	14.6	24
43	Green Chemistry in Higher Education: State of the Art, Challenges, and Future Trends. <i>ChemSusChem</i> , 2018 , 11, 2845-2858	8.3	24
42	Complementary green analytical procedure index (ComplexGAPI) and software. <i>Green Chemistry</i> , 2021 , 23, 8657-8665	10	22
41	Birds' feathers Suitable samples for determination of environmental pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 109, 97-115	14.6	22
40	Application of additional factors supporting the microextraction process. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 97, 104-119	14.6	21
39	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	3.5	16
38	Prediction of the Biogenic Amines Index of Poultry Meat Using an Electronic Nose. <i>Sensors</i> , 2019 , 19,	3.8	14
37	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	4.8	14

36	Organic Acids and Polyphenols Determination in Polish Wines by Ultrasound-Assisted Solvent Extraction of Porous Membrane-Packed Liquid Samples. <i>Molecules</i> , 2019 , 24,	4.8	13
35	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	14.6	12
34	Green analytical chemistry as an integral part of sustainable education development. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 31, 100508	7.9	12
33	An analytical hierarchy process for selection of the optimal procedure for resveratrol determination in wine samples. <i>Microchemical Journal</i> , 2018 , 142, 126-134	4.8	12
32	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	3.4	11
31	Recent trends in determination of neurotoxins in aquatic environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 112, 112-122	14.6	11
30	Are deep eutectic solvents useful in chromatography? A short review. <i>Journal of Chromatography A</i> , 2021 , 1639, 461918	4.5	10
29	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	14.6	10
28	Determination of Selected Metals in Fruit Wines by Spectroscopic Techniques. <i>Journal of Analytical Methods in Chemistry</i> , 2017 , 2017, 5283917	2	9
27	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	4.8	9
26	Characterization of home-made and regional fruit wines by evaluation of correlation between selected chemical parameters. <i>Microchemical Journal</i> , 2018 , 140, 66-73	4.8	7
25	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> , 2014 , 1347, 146-56	4.5	7
24	Chiral analysis of chloro intermediates of methylamphetamine by one-dimensional and multidimensional NMR and GC/MS. <i>Analytical Chemistry</i> , 2012 , 84, 5625-32	7.8	7
23	Evaluation of Green Sample Preparation Techniques for Organic Compounds. <i>Current Green Chemistry</i> , 2018 , 5, 168-176	1.3	7
22	Classification of Polish wines by application of ultra-fast gas chromatography. <i>European Food Research and Technology</i> , 2018 , 244, 1463-1471	3.4	5
21	Evaluation of the Impact of Storage Conditions on the Biogenic Amines Profile in Opened Wine Bottles. <i>Molecules</i> , 2018 , 23,	4.8	5
20	Green Analytical Chemistry: Summary of Existing Knowledge and Future Trends. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 431-449	1.1	5
19	Application of deep eutectic solvents for separation and determination of bioactive compounds in medicinal plants. <i>Industrial Crops and Products</i> , 2021 , 172, 114047	5.9	5

18	Miniaturized Solid Phase Extraction. <i>Comprehensive Analytical Chemistry</i> , 2017 , 279-318	1.9	4
17	Ferofluids based analytical extractions and evaluation of their greenness. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116901	6	4
16	Application of deep eutectic solvents in atomic absorption spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 147, 116510	14.6	3
15	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	10.2	3
14	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	14.6	3
13	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	8.5	3
12	Metals and metal-binding ligands in wine: Analytical challenges in identification.. <i>Trends in Food Science and Technology</i> , 2021 , 112, 382-390	15.3	2
11	Direct determination of cadaverine in the volatile fraction of aerobically stored chicken breast samples. <i>Monatshefte für Chemie</i> , 2018 , 149, 1521-1525	1.4	1
10	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	1.1	1
9	The content of biogenic amines in Rondo and Zweigelt wines and correlations between selected wine parameters. <i>Food Chemistry</i> , 2022 , 371, 131172	8.5	1
8	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 ,	3.4	1
7	Remarks on use of the term "deep eutectic solvent" in analytical chemistry. <i>Microchemical Journal</i> , 2022 , 179, 107498	4.8	1
6	Supramolecular deep eutectic solvents and their applications.. <i>Green Chemistry</i> ,	10	1
5	Evaluation of the influence of grapevine growing conditions on wine quality. <i>Monatshefte für Chemie</i> , 2019 , 150, 1579-1584	1.4	0
4	The impact of cold plasma on the phenolic composition and biogenic amine content of red wine.. <i>Food Chemistry</i> , 2022 , 381, 132257	8.5	0
3	End-of-life management of single-use baby diapers: Analysis of technical, health and environment aspects.. <i>Science of the Total Environment</i> , 2022 , 155339	10.2	0
2	Application of deep eutectic solvents in bioanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 154, 116660	14.6	0
1	Ionic liquids-based microextraction techniques 2016 , 189-232		

