

Dorota Wianowska

List of Publications by Year in descending order

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52
papers

1,553
citations

411340

20
h-index

355658

38
g-index

52
all docs

52
docs citations

52
times ranked

2195
citing authors

#	ARTICLE	IF	CITATIONS
1	A Central Composite Design in increasing the quercetin content in the aqueous onion waste isolates with antifungal and antioxidant properties. <i>European Food Research and Technology</i> , 2022, 248, 497-505.	1.6	5
2	A fully validated HPLC-UV method for determination of sulthiame in human serum/plasma samples. <i>Biomedical Chromatography</i> , 2021, 35, e5002.	0.8	1
3	Miniaturized methods of sample preparation. , 2020, , 99-125.		8
4	Influence of the Extraction Conditions on the Antifungal Properties of Walnut Green Husk Isolates. <i>Analytical Letters</i> , 2020, 53, 1970-1981.	1.0	8
5	Analysis of serum homocysteine in the laboratory practice - comparison of the direct chemiluminescence immunoassay and high performance liquid chromatography coupled with fluorescent detection. <i>Biochemia Medica</i> , 2020, 30, 439-445.	1.2	13
6	Development and validation of GC-MS/MS method useful in diagnosing intestinal dysbiosis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1130-1131, 121822.	1.2	7
7	Critical approach to PLE technique application in the analysis of secondary metabolites in plants. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 314-325.	5.8	29
8	New insights into the application of MSPD in various fields of analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 29-51.	5.8	54
9	Recent advances in extraction and analysis procedures of natural chlorogenic acids. <i>Phytochemistry Reviews</i> , 2019, 18, 273-302.	3.1	78
10	Formation of aqueous and alcoholic adducts of curcumin during its extraction. <i>Food Chemistry</i> , 2019, 276, 101-109.	4.2	17
11	Chemical composition and antifungal activity of <i>Chelidonium majus</i> extracts - antagonistic action of chelerythrine and sanguinarine against <i>Botrytis cinerea</i> . <i>Chemistry and Ecology</i> , 2018, 34, 582-594.	0.6	8
12	Determining the true content of quercetin and its derivatives in plants employing SSDM and LC-MS analysis. <i>European Food Research and Technology</i> , 2017, 243, 27-40.	1.6	20
13	Silymarin Extraction From <i>Silybum marianum</i> L. Gaertner. , 2017, , 385-397.		2
14	Effect of Water Content in Extraction Mixture on the Pressurized Liquid Extraction Efficiency-Stability of Quercetin 4-Glucoside During Extraction from Onions. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 744-749.	0.7	13
15	Comparison of antifungal activity of extracts from different <i>Juglans regia</i> cultivars and juglone. <i>Microbial Pathogenesis</i> , 2016, 100, 263-267.	1.3	40
16	Can matrix solid phase dispersion (MSPD) be more simplified? Application of solventless MSPD sample preparation method for GC-MS and GC-FID analysis of plant essential oil components. <i>Talanta</i> , 2016, 151, 179-182.	2.9	21
17	Application of Sea Sand Disruption Method for HPLC Determination of Quercetin in Plants. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1037-1043.	0.5	22
18	Simplified Procedure of Silymarin Extraction from <i>Silybum marianum</i> L. Gaertner. <i>Journal of Chromatographic Science</i> , 2015, 53, 366-372.	0.7	52

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19	Transformations of Tetrahydrocannabinol, tetrahydrocannabinolic acid and cannabinal during their extraction from <i>Cannabis sativa</i> L.. <i>Journal of Analytical Chemistry</i> , 2015, 70, 920-925.	0.4	24
20	How to eliminate the formation of chlorogenic acids artefacts during plants analysis? Sea sand disruption method (SSDM) in the HPLC analysis of chlorogenic acids and their native derivatives in plants. <i>Phytochemistry</i> , 2015, 117, 489-499.	1.4	21
21	Chlorogenic Acid Stability in Pressurized Liquid Extraction Conditions. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 415-421.	0.7	28
22	The Influence of Purge Times on the Yields of Essential Oil Components Extracted from Plants by Pressurized Liquid Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1310-1316.	0.7	13
23	Hydrolytical instability of hydroxyanthraquinone glycosides in pressurized liquid extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3219-3227.	1.9	24
24	Relevance of the Sea Sand Disruption Method (SSDM) for the Biometrical Differentiation of the Essential Oil Composition from Conifers. <i>Chemistry and Biodiversity</i> , 2013, 10, 241-250.	1.0	11
25	The loss of essential oil components induced by the Purge Time in the Pressurized Liquid Extraction (PLE) procedure of <i>Cupressus sempervirens</i> . <i>Talanta</i> , 2012, 94, 140-145.	2.9	16
26	On practical problems in estimation of antioxidant activity of compounds by DPPH method (Problems) <i>Talanta</i> , 2012, 94, 140-145.	4.2	136
27	Matrix solid-phase dispersion with sand in chromatographic analysis of essential oils in herbs. <i>Phytochemical Analysis</i> , 2011, 22, 51-58.	1.2	29
28	Static and dynamic superheated water extraction of essential oil components from <i>Thymus vulgaris</i> L.. <i>Journal of Separation Science</i> , 2009, 32, 3034-3042.	1.3	29
29	Application of the MSPD Technique for the HPLC Analysis of Rutin in <i>Sambucus nigra</i> L.: The Linear Correlation of the Matrix Solid-Phase Dispersion Process. <i>Journal of Chromatographic Science</i> , 2009, 47, 914-918.	0.7	23
30	Extraction Methods of 10-Deacetylbaccatin III, Paclitaxel, and Cephalomannine from <i>Taxus baccata</i> L. Twigs: A Comparison. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 589-601.	0.5	14
31	Application of PLE for the determination of essential oil components from <i>Thymus vulgaris</i> L.. <i>Talanta</i> , 2008, 76, 878-884.	2.9	82
32	Effect of sample-preparation methods on the quantification of selected flavonoids in plant materials by high performance liquid chromatography. <i>Acta Chromatographica</i> , 2008, 20, 475-488.	0.7	21
33	The antioxidant properties of alcoholic extracts from <i>Sambucus nigra</i> L. (antioxidant properties of) <i>Talanta</i> , 2008, 76, 878-884.	2.5	180
34	PLE in the analysis of plant compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 1161-1165.	1.4	15
35	PLE in the analysis of plant compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 1155-1159.	1.4	42
36	The level of jasmonic acid in <i>Arabidopsis thaliana</i> and <i>Phaseolus coccineus</i> plants under heavy metal stress. <i>Journal of Plant Physiology</i> , 2005, 162, 1338-1346.	1.6	205

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37	The influence of heavy metal stress on the level of some flavonols in the primary leaves of <i>Phaseolus coccineus</i> . <i>Acta Physiologiae Plantarum</i> , 2004, 26, 247-254.	1.0	24
38	Effect of extraction method on the yield of furanocoumarins from fruits of <i>Archangelica officinalis</i> Hoffm.. <i>Phytochemical Analysis</i> , 2004, 15, 313-319.	1.2	53
39	Influence of the extraction mode on the yield of some furanocoumarins from <i>Pastinaca sativa</i> fruits. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 181-187.	1.2	51
40	Comparison of Terpene Composition in Engelmann Spruce (<i>Picea engelmannii</i>) Using Hydrodistillation, SPME and PLE. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 641-648.	0.6	21
41	Effects of surface nonuniformity and molecular association on mechanism of butanol adsorption from solution. <i>Journal of Colloid and Interface Science</i> , 2003, 258, 213-218.	5.0	1
42	Acid-base properties of the crosslinked polysaccharide-polyimine layer deposited on the surface of siliceous material (acid-base properties of the polysaccharide-polyimine layer). <i>Thin Solid Films</i> , 2003, 437, 155-163.	0.8	2
43	The influence of association of alcohol molecules on their adsorption and desorption heats. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 225, 105-110.	2.3	0
44	Optimization of ASE Conditions for the HPLC Determination of Rutin and Isoquercitrin in <i>Sambucus nigra</i> L. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2381-2397.	0.5	36
45	Mechanism of Butanol Adsorption from Solution. 2. Further Evidence of Association Importance. <i>Langmuir</i> , 2001, 17, 413-416.	1.6	2
46	Swelling process investigation of polymer layer deposited on siliceous materials using SAXS method. <i>Materials Chemistry and Physics</i> , 2001, 70, 181-186.	2.0	7
47	<title>SAXS investigations of porous glasses with polymer layer</title>. , 2000, , .		1
48	SAXS examination of the water evaporation process from silica materials coated with a polysaccharide-polyimine copolymer layer. <i>Applied Surface Science</i> , 2000, 156, 189-199.	3.1	15
49	Mechanism of Butanol Adsorption from Solution. 1. Calorimetric Measurements. <i>Langmuir</i> , 2000, 16, 3433-3440.	1.6	3
50	Surface area investigation of materials with transition layers of continuously changing electron density. <i>Applied Surface Science</i> , 1999, 137, 170-178.	3.1	12
51	On the Anomalous Behavior of Alcohol Adsorption on Polymer-Coated Siliceous Materials. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 362-367.	5.0	6
52	Ion Capacity of Siliceous Sorbents with Surface Polymer Layers Composed of Different Dextran-Triethylenetetraamine Mixtures (Ion Capacity of Sorbents with Surface Polymer Layers). <i>Adsorption Science and Technology</i> , 1998, 16, 263-271.	1.5	8