

Lidia Wolska

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,195
citations

201674

27
h-index

243625

44
g-index

83
all docs

83
docs citations

83
times ranked

3066
citing authors

#	ARTICLE	IF	CITATIONS
1	Air quality policy in the U.S. and the EU – a review. <i>Atmospheric Pollution Research</i> , 2015, 6, 129-137.	3.8	155
2	Micropollutants in treated wastewater. <i>Ambio</i> , 2020, 49, 487-503.	5.5	148
3	Gadolinium as a new emerging contaminant of aquatic environments. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1523-1534.	4.3	124
4	Partial characterization of white cabbages (<i>Brassica oleracea</i> var. capitata f. alba) from different regions by glucosinolates, bioactive compounds, total antioxidant activities and proteins. <i>LWT - Food Science and Technology</i> , 2008, 41, 1-9.	5.2	114
5	Sources and Fate of PAHs and PCBs in the Marine Environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2012, 42, 1172-1189.	12.8	98
6	Theory and recent applications of coacervate-based extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 282-292.	11.4	74
7	Chemical pollution and toxicity of water samples from stream receiving leachate from controlled municipal solid waste (MSW) landfill. <i>Environmental Research</i> , 2014, 135, 253-261.	7.5	60
8	Application of ecotoxicological studies in integrated environmental monitoring: Possibilities and problems. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 332-344.	11.4	59
9	In vitro assays as a tool for determination of VOCs toxic effect on respiratory system: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 77, 14-22.	11.4	59
10	Organic pollutants in precipitation: determination of pesticides and polycyclic aromatic hydrocarbons in Gdańsk, Poland. <i>Atmospheric Environment</i> , 2000, 34, 1233-1245.	4.1	57
11	Pharmaceutical Household Waste Practices: Preliminary Findings from a Case Study in Poland. <i>Environmental Management</i> , 2019, 64, 97-106.	2.7	54
12	Determination of EC 50 toxicity data of selected heavy metals toward <i>Heterocypris incongruens</i> and their comparison to direct-contact and microbiotests. <i>Environmental Monitoring and Assessment</i> , 2011, 174, 509-516.	2.7	52
13	Determining PAHs and PCBs in aqueous samples: finding and evaluating sources of error. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1389-1397.	3.7	49
14	Miniaturised analytical procedure of determining polycyclic aromatic hydrocarbons and polychlorinated biphenyls in bottom sediments. <i>Journal of Chromatography A</i> , 2002, 959, 173-180.	3.7	42
15	Characterization of estrogenic and androgenic activity of phthalates by the XenoScreen YES/YAS in vitro assay. <i>Environmental Toxicology and Pharmacology</i> , 2017, 53, 95-104.	4.0	40
16	Modern Techniques of Extraction of Organic Analytes from Environmental Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2003, 33, 199-248.	3.5	39
17	Isotope-labeled substances in analysis of persistent organic pollutants in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 820-831.	11.4	39
18	Polypropylene structure alterations after 5 years of natural degradation in a waste landfill. <i>Science of the Total Environment</i> , 2021, 758, 143649.	8.0	37

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19	Impacts of pollution derived from ship wrecks on the marine environment on the basis of s/s â€œStuttgartâ€•(Polish coast, Europe). Science of the Total Environment, 2010, 408, 5775-5783.	8.0	36
20	Analytical Procedures for PAH and PCB Determination in Water Samplesâ€”Error Sources. Critical Reviews in Analytical Chemistry, 2006, 36, 63-72.	3.5	35
21	Evolution of models for sorption of PAHs and PCBs on geosorbents. TrAC - Trends in Analytical Chemistry, 2009, 28, 466-482.	11.4	35
22	Calibration procedure for solid phase microextractionâ€”gas chromatographic analysis of organic vapours in air. Talanta, 1997, 44, 1543-1550.	5.5	34
23	Coacervative extraction as a green technique for sample preparation for the analysis of organic compounds. Journal of Chromatography A, 2014, 1339, 1-12.	3.7	34
24	Relationship between heavy metal distribution in sediment samples and their ecotoxicity by the use of the Hasse diagram technique. Analytica Chimica Acta, 2012, 719, 16-23.	5.4	31
25	Simple device for permeation removal of water vapour from purge gases in the determination of volatile organic compounds in aqueous samples. Journal of Chromatography A, 1993, 654, 279-285.	3.7	30
26	Ecotoxicity and chemical sediment data classification by the use of self-organising maps. Analytica Chimica Acta, 2009, 631, 142-152.	5.4	30
27	Sediment-quality assessment by intelligent data analysis. TrAC - Trends in Analytical Chemistry, 2007, 26, 323-331.	11.4	29
28	Polychlorinated biphenyls (PCBs) in bottom sediments: Identification of sources. Chemosphere, 2014, 111, 151-156.	8.2	28
29	Quality problems in determination of organic compounds in environmental samples, such as PAHs and PCBs. TrAC - Trends in Analytical Chemistry, 2010, 29, 706-717.	11.4	27
30	Volatile and semivolatile organo-halogen trace analysis in surface water by direct aqueous injection GC-ECD. Chemosphere, 1998, 37, 2645-2651.	8.2	26
31	Surface water preparation procedure for chromatographic determination of polycyclic aromatic hydrocarbons and polychlorinated biphenyls. Talanta, 1999, 50, 985-991.	5.5	24
32	Sources of Errors Associated with the Determination of PAH and PCB Analytes in Water Samples. Analytical Letters, 2006, 39, 2317-2331.	1.8	24
33	Microanalysis of Volatile Organic Compounds (VOCs) in Water Samples â€œ Methods and Instruments. Mikrochimica Acta, 2006, 155, 331-348.	5.0	24
34	Physical speciation of polychlorinated biphenyls in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2007, 26, 1005-1012.	11.4	22
35	Calibration of the thermal desorption-gas chromatography-mass spectrometry system using standards generated in the process of thermal decomposition of chemically modified silica gel. Journal of Chromatography A, 1996, 742, 175-179.	3.7	21
36	Problems of PAH quantification by GCâ€”MS method using isotope-labelled standards. Talanta, 2009, 78, 730-735.	5.5	21

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37	Determination of phthalate esters in air with thermal desorption technique – Advantages and disadvantages. TrAC - Trends in Analytical Chemistry, 2017, 91, 77-90.	11.4	21
38	Determination of SCFAs in water using GC-FID. Selection of the separation system. Analytica Chimica Acta, 2012, 716, 24-27.	5.4	18
39	Surface sediments pollution due to shipwreck s/s –Stuttgart– a multidisciplinary approach. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1797-1807.	4.0	17
40	Organic pollutants in the Odra river ecosystem. Chemosphere, 2003, 53, 561-569.	8.2	16
41	Determination (monitoring) of PAHs in surface waters: why an operationally defined procedure is needed. Analytical and Bioanalytical Chemistry, 2008, 391, 2647-2652.	3.7	16
42	N-way modelling of sediment monitoring data from Mar Menor lagoon, Spain. Talanta, 2009, 80, 935-941.	5.5	16
43	Analytical and bioanalytical problems associated with the toxicity of elemental sulfur in the environment. TrAC - Trends in Analytical Chemistry, 2013, 48, 14-21.	11.4	16
44	The Influence of Ionic Liquids on the Effectiveness of Analytical Methods Used in the Monitoring of Human and Veterinary Pharmaceuticals in Biological and Environmental Samples – Trends and Perspectives. Molecules, 2020, 25, 286.	3.8	16
45	Poultry Farms as a Potential Source of Environmental Pollution by Pharmaceuticals. Molecules, 2020, 25, 1031.	3.8	15
46	Application of Biotests in Environmental Research. Critical Reviews in Analytical Chemistry, 2005, 35, 135-154.	3.5	14
47	The chemistry of river–lake systems in the context of permafrost occurrence (Mongolia, Valley of the Tj ETQq1 1 0.784314 rgBT /Ove 340, 84-95.	2.1	14
48	Amino acid profile after oral nutritional supplementation in hemodialysis patients with protein-energy wasting. Nutrition, 2019, 57, 231-236.	2.4	14
49	Determination of amino acids in human biological fluids by high-performance liquid chromatography: critical review. Amino Acids, 2021, 53, 993-1009.	2.7	14
50	Evaluation of Pollution Degree of the Odra River Basin with Organic Compounds after the 1997 Summer Flood - General Comments. Clean - Soil, Air, Water, 1999, 27, 343-349.	0.6	13
51	Elemental sulfur in sediments: analytical problems. Environmental Science and Pollution Research, 2016, 23, 24871-24879.	5.3	12
52	Analytical Procedure for the Determination of Chlorobenzenes in Sediments. Journal of Chromatographic Science, 2003, 41, 53-56.	1.4	11
53	Toxicity assessment of sediments associated with the wreck of s/s Stuttgart in the Gulf of Gdańsk (Poland). Journal of Environmental Monitoring, 2012, 14, 1231.	2.1	11
54	Remobilization of polychlorinated biphenyls from sediment and its consequences for their transport in river waters. Environmental Monitoring and Assessment, 2013, 185, 4449-4459.	2.7	11

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55	Using different types of capillary chromatographic columns as denudation traps: a comparison of sorption properties. <i>Journal of Chromatography A</i> , 2002, 977, 115-123.	3.7	10
56	Ranking of ecotoxicity tests for underground water assessment using the Hasse diagram technique. <i>Chemosphere</i> , 2014, 95, 17-23.	8.2	10
57	Toxicity and chemical analyses of airport runoff waters in Poland. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1083.	3.5	9
58	Removal of sulfur from a solvent extract. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 31, 129-133.	11.4	8
59	Influence of concentration and sample volume on the recovery of compounds from water following direct sorption on Tenax TA thermal desorption. <i>Analyst</i> , 1995, 120, 2781-2786.	3.5	6
60	Chemometric Estimation of Natural Water Samples Using Toxicity Tests and Physicochemical Parameters. <i>Critical Reviews in Analytical Chemistry</i> , 2007, 37, 81-90.	3.5	6
61	Toxicity studies of elemental sulfur in marine sediments. <i>International Journal of Sediment Research</i> , 2018, 33, 191-197.	3.5	6
62	Advancement in Determination of Phthalate Metabolites by Gas Chromatography Eliminating Derivatization Step. <i>Frontiers in Chemistry</i> , 2019, 7, 928.	3.6	6
63	The effect of adding a standard on the result of determination of polychlorinated biphenyls in bottom sediment samples. <i>Talanta</i> , 2010, 82, 627-630.	5.5	5
64	Progress in Analytical Techniques for Determination of Urine Components. <i>Separation and Purification Reviews</i> , 2017, 46, 305-318.	5.5	5
65	The Problem of Wastewater in Shale Gas Exploitation The Influence of Fracturing Flowback Water on Activated Sludge at a Wastewater Treatment Plant. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1839-1845.	1.2	5
66	Environmental Risk Assessment Resulting from Sediment Contamination with Perfluoroalkyl Substances. <i>Molecules</i> , 2021, 26, 116.	3.8	5
67	Studies on the Use of Commercial Capillary Gas Chromatographic Columns as Diffusion Denuders. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 449-454.	1.4	4
68	Determination of toluene formed during fermentation of sewage sludge. <i>International Journal of Environmental Studies</i> , 2006, 63, 171-178.	1.6	4
69	Novel approach to ecotoxicological risk assessment of sediments cores around the shipwreck by the use of self-organizing maps. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 239-246.	6.0	4
70	Comparison of Different Extraction Techniques of Polychlorinated Biphenyls from Sediments Samples. <i>Analytical Letters</i> , 2010, 43, 1149-1161.	1.8	3
71	Determination of 17 Perfluoroalkyl Substances in Sediments Using Automated Solid Phase Extraction and Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Chromatographia</i> , 2020, 83, 975-983.	1.3	3
72	Plasma free amino acid profiling as metabolomic diagnostic and prognostic biomarker in paediatric cancer patients: a follow-up study. <i>Amino Acids</i> , 2021, 53, 133-138.	2.7	3

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73	New approach based on solid-phase extraction for the assessment of organic compound pollutions in so-called pharmaceutically pure water. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1941-1949.	3.7	2
74	Comparison of Different Extraction Techniques of PCBs from Sediment Samples Using the Isotope Dilution Mass Spectrometry Technique. <i>Critical Reviews in Analytical Chemistry</i> , 2012, 42, 184-191.	3.5	2
75	Estimating the Impact of Inflow on the Chemistry of Two Different Caldera Type Lakes Located on the Bali Island (Indonesia). <i>Water (Switzerland)</i> , 2015, 7, 1712-1730.	2.7	2
76	Indoor Exposure to Volatile Organic Compounds in Children: Health Risk Assessment in the Context of Physiological Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1021, 43-53.	1.6	2
77	<i>Escherichia coli</i> and <i>Serratia fonticola</i> ESBLs as a potential source of antibiotics resistance dissemination in the Tricity water reservoirs. <i>Acta Biochimica Polonica</i> , 2021, 68, 437-448.	0.5	2
78	Gadolinium as marker of anthropogenic inputs of metals in marine sediments of the Gulf of Gdańsk. <i>Journal of Soils and Sediments</i> , 0, , 1.	3.0	1
79	Raw Meat Contaminated with Cephalosporin-Resistant Enterobacterales as a Potential Source of Human Home Exposure to Multidrug-Resistant Bacteria. <i>Molecules</i> , 2022, 27, 4151.	3.8	1
80	Difficulties in the Modeling of <i>E. coli</i> Spreading from Various Sources in a Coastal Marine Area. <i>Molecules</i> , 2022, 27, 4353.	3.8	1