

Lidia Wolska

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,195
citations

201575

27
h-index

243529

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.	1.8	155
2	Micropollutants in treated wastewater. <i>Ambio</i> , 2020, 49, 487-503.	2.8	148
3	Gadolinium as a new emerging contaminant of aquatic environments. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1523-1534.	2.2	124
4	Partial characterization of white cabbages (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>alba</i>) from different regions by glucosinolates, bioactive compounds, total antioxidant activities and proteins. <i>LWT - Food Science and Technology</i> , 2008, 41, 1-9.	2.5	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.	6.6	98
6	Theory and recent applications of coacervate-based extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 282-292.	5.8	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.	3.7	60
8	Application of ecotoxicological studies in integrated environmental monitoring: Possibilities and problems. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 332-344.	5.8	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.	5.8	59
10	Organic pollutants in precipitation: determination of pesticides and polycyclic aromatic hydrocarbons in Gdańsk, Poland. <i>Atmospheric Environment</i> , 2000, 34, 1233-1245.	1.9	57
11	Pharmaceutical Household Waste Practices: Preliminary Findings from a Case Study in Poland. <i>Environmental Management</i> , 2019, 64, 97-106.	1.2	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.	1.3	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.	1.9	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.	1.8	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.	2.0	40
16	Modern Techniques of Extraction of Organic Analytes from Environmental Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2003, 33, 199-248.	1.8	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.	5.8	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.	3.9	37

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19	Impacts of pollution derived from ship wrecks on the marine environment on the basis of s/s "Stuttgart" (Polish coast, Europe). <i>Science of the Total Environment</i> , 2010, 408, 5775-5783.	3.9	36
20	Analytical Procedures for PAH and PCB Determination in Water Samples – Error Sources. <i>Critical Reviews in Analytical Chemistry</i> , 2006, 36, 63-72.	1.8	35
21	Evolution of models for sorption of PAHs and PCBs on geosorbents. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 466-482.	5.8	35
22	Calibration procedure for solid phase microextraction – gas chromatographic analysis of organic vapours in air. <i>Talanta</i> , 1997, 44, 1543-1550.	2.9	34
23	Coacervative extraction as a green technique for sample preparation for the analysis of organic compounds. <i>Journal of Chromatography A</i> , 2014, 1339, 1-12.	1.8	34
24	Relationship between heavy metal distribution in sediment samples and their ecotoxicity by the use of the Hasse diagram technique. <i>Analytica Chimica Acta</i> , 2012, 719, 16-23.	2.6	31
25	Simple device for permeation removal of water vapour from purge gases in the determination of volatile organic compounds in aqueous samples. <i>Journal of Chromatography A</i> , 1993, 654, 279-285.	1.8	30
26	Ecotoxicity and chemical sediment data classification by the use of self-organising maps. <i>Analytica Chimica Acta</i> , 2009, 631, 142-152.	2.6	30
27	Sediment-quality assessment by intelligent data analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 323-331.	5.8	29
28	Polychlorinated biphenyls (PCBs) in bottom sediments: Identification of sources. <i>Chemosphere</i> , 2014, 111, 151-156.	4.2	28
29	Quality problems in determination of organic compounds in environmental samples, such as PAHs and PCBs. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 706-717.	5.8	27
30	Volatile and semivolatile organo-halogen trace analysis in surface water by direct aqueous injection GC-ECD. <i>Chemosphere</i> , 1998, 37, 2645-2651.	4.2	26
31	Surface water preparation procedure for chromatographic determination of polycyclic aromatic hydrocarbons and polychlorinated biphenyls. <i>Talanta</i> , 1999, 50, 985-991.	2.9	24
32	Sources of Errors Associated with the Determination of PAH and PCB Analytes in Water Samples. <i>Analytical Letters</i> , 2006, 39, 2317-2331.	1.0	24
33	Microanalysis of Volatile Organic Compounds (VOCs) in Water Samples – Methods and Instruments. <i>Mikrochimica Acta</i> , 2006, 155, 331-348.	2.5	24
34	Physical speciation of polychlorinated biphenyls in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 1005-1012.	5.8	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. <i>Journal of Chromatography A</i> , 1996, 742, 175-179.	1.8	21
36	Problems of PAH quantification by GC-MS method using isotope-labelled standards. <i>Talanta</i> , 2009, 78, 730-735.	2.9	21

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37	Determination of phthalate esters in air with thermal desorption technique – Advantages and disadvantages. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 77-90.	5.8	21
38	Determination of SCFAs in water using GC-FID. Selection of the separation system. <i>Analytica Chimica Acta</i> , 2012, 716, 24-27.	2.6	18
39	Surface sediments pollution due to shipwreck s/s –Stuttgart– a multidisciplinary approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 1797-1807.	1.9	17
40	Organic pollutants in the Odra river ecosystem. <i>Chemosphere</i> , 2003, 53, 561-569.	4.2	16
41	Determination (monitoring) of PAHs in surface waters: why an operationally defined procedure is needed. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2647-2652.	1.9	16
42	N-way modelling of sediment monitoring data from Mar Menor lagoon, Spain. <i>Talanta</i> , 2009, 80, 935-941.	2.9	16
43	Analytical and bioanalytical problems associated with the toxicity of elemental sulfur in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 48, 14-21.	5.8	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. <i>Molecules</i> , 2020, 25, 286.	1.7	16
45	Poultry Farms as a Potential Source of Environmental Pollution by Pharmaceuticals. <i>Molecules</i> , 2020, 25, 1031.	1.7	15
46	Application of Biotests in Environmental Research. <i>Critical Reviews in Analytical Chemistry</i> , 2005, 35, 135-154.	1.8	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.	1.0	14
48	Amino acid profile after oral nutritional supplementation in hemodialysis patients with protein-energy wasting. <i>Nutrition</i> , 2019, 57, 231-236.	1.1	14
49	Determination of amino acids in human biological fluids by high-performance liquid chromatography: critical review. <i>Amino Acids</i> , 2021, 53, 993-1009.	1.2	14
50	Evaluation of Pollution Degree of the Odra River Basin with Organic Compounds after the 1997 Summer Flood - General Comments. <i>Clean - Soil, Air, Water</i> , 1999, 27, 343-349.	0.8	13
51	Elemental sulfur in sediments: analytical problems. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24871-24879.	2.7	12
52	Analytical Procedure for the Determination of Chlorobenzenes in Sediments. <i>Journal of Chromatographic Science</i> , 2003, 41, 53-56.	0.7	11
53	Toxicity assessment of sediments associated with the wreck of s/s Stuttgart in the Gulf of Gdańsk (Poland). <i>Journal of Environmental Monitoring</i> , 2012, 14, 1231.	2.1	11
54	Remobilization of polychlorinated biphenyls from sediment and its consequences for their transport in river waters. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4449-4459.	1.3	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.	1.8	10
56	Ranking of ecotoxicity tests for underground water assessment using the Hasse diagram technique. <i>Chemosphere</i> , 2014, 95, 17-23.	4.2	10
57	Toxicity and chemical analyses of airport runoff waters in Poland. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1083.	1.7	9
58	Removal of sulfur from a solvent extract. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 31, 129-133.	5.8	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.	1.7	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.	1.8	6
61	Toxicity studies of elemental sulfur in marine sediments. <i>International Journal of Sediment Research</i> , 2018, 33, 191-197.	1.8	6
62	Advancement in Determination of Phthalate Metabolites by Gas Chromatography Eliminating Derivatization Step. <i>Frontiers in Chemistry</i> , 2019, 7, 928.	1.8	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.	2.9	5
64	Progress in Analytical Techniques for Determination of Urine Components. <i>Separation and Purification Reviews</i> , 2017, 46, 305-318.	2.8	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.	0.6	5
66	Environmental Risk Assessment Resulting from Sediment Contamination with Perfluoroalkyl Substances. <i>Molecules</i> , 2021, 26, 116.	1.7	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.	2.0	4
68	Determination of toluene formed during fermentation of sewage sludge. <i>International Journal of Environmental Studies</i> , 2006, 63, 171-178.	0.7	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.	2.9	4
70	Comparison of Different Extraction Techniques of Polychlorinated Biphenyls from Sediments Samples. <i>Analytical Letters</i> , 2010, 43, 1149-1161.	1.0	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.	0.7	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.	1.2	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.	1.9	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.	1.8	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.	1.2	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.	0.8	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.	0.3	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.	1.5	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.	1.7	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.	1.7	1