

Magdalena Urbaniak

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

728
citations

623734

14
h-index

642732

23
g-index

52
all docs

52
docs citations

52
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of syringic acid on the properties of MCPA-contaminated soil and the growth of two cucurbit species. <i>International Journal of Phytoremediation</i> , 2022, 24, 205-214.	3.1	3
2	The evaluation of Hudson River sediment as a growth substrate – Microbial activity, PCB-degradation potential and risk assessment. <i>Science of the Total Environment</i> , 2022, 836, 155561.	8.0	2
3	The Effect of Syringic Acid and Phenoxy Herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA) on Soil, Rhizosphere, and Plant Endosphere Microbiome. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	2
4	Concentration of dioxin and screening level ecotoxicity of pore water from bottom sediments in relation to organic carbon contents. <i>Ecotoxicology</i> , 2021, 30, 57-66.	2.4	2
5	Application of Ecohydrology Approach for Mitigation of Freshwater Ecosystems Contamination. <i>Water (Switzerland)</i> , 2021, 13, 682.	2.7	0
6	Ecohydrology and adaptation to global change. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 393-410.	2.3	13
7	Effects of soil amendment with PCB-contaminated sediment on the growth of two cucurbit species. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8872-8884.	5.3	16
8	Evaluation of ecotoxicological and chemical properties of soil amended with Hudson River (New) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4	3.3	11
9	Biodegradation Potential and Ecotoxicity Assessment in Soil Extracts Amended with Phenoxy Acid Herbicide (2,4-D) and a Structurally-Similar Plant Secondary Metabolite (Ferulic Acid). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 200-205.	2.7	4
10	An assessment of the concentrations of PCDDs/Fs in contaminated bottom sediments and their sources and ecological risk. <i>Journal of Soils and Sediments</i> , 2020, 20, 2588-2597.	3.0	16
11	Molecular Methods as Potential Tools in Ecohydrological Studies on Emerging Contaminants in Freshwater Ecosystems. <i>Water (Switzerland)</i> , 2020, 12, 2962.	2.7	6
12	Effects of amendments of PCB-containing Hudson River sediment on soil quality and biochemical and growth response of cucumber (<i>Cucumis sativus</i> L. cv “Wisconsin SMR 58”). <i>International Journal of Phytoremediation</i> , 2020, 22, 1224-1232.	3.1	8
13	Utilization of PCB-contaminated Hudson River sediment by thermal processing and phytoremediation. <i>Science of the Total Environment</i> , 2020, 738, 139841.	8.0	10
14	Precursors of polychlorinated dibenzo-p-dioxins and dibenzofurans in Arctic and Antarctic marine sediments: Environmental concern in the face of climate change. <i>Chemosphere</i> , 2020, 260, 127605.	8.2	12
15	Removal and Ecotoxicity of 2,4-D and MCPA in Microbial Cultures Enriched with Structurally-Similar Plant Secondary Metabolites. <i>Water (Switzerland)</i> , 2019, 11, 1451.	2.7	10
16	The Influence of Bottom Sediments and Inoculation with Rhizobacterial Inoculants on the Physiological State of Plants Used in Urban Plantings. <i>Water (Switzerland)</i> , 2019, 11, 1792.	2.7	6
17	An ecohydrological approach to the river contamination by PCDDs, PCDFs and dl-PCBs – concentrations, distribution and removal using phytoremediation techniques. <i>Scientific Reports</i> , 2019, 9, 19310.	3.3	10
18	Impact of rhizobacterial inoculants on plant growth and enzyme activities in soil treated with contaminated bottom sediments. <i>International Journal of Phytoremediation</i> , 2019, 21, 325-333.	3.1	11

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19	AN ASSESSMENT OF BOTTOM SEDIMENT AS A SOURCE OF PLANT NUTRIENTS AND AN AGENT FOR IMPROVING SOIL PROPERTIES. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1647-1656.	0.6	20
20	The Application of Different Biological Remediation Strategies to PCDDs/PCDFs Contaminated Urban Sediments. <i>Water (Switzerland)</i> , 2019, 11, 1962.	2.7	4
21	The response of cucumber plants (<i>Cucumis sativus</i> L.) to the application of PCB-contaminated sewage sludge and urban sediment. <i>PeerJ</i> , 2019, 7, e6743.	2.0	13
22	The stimulating role of syringic acid, a plant secondary metabolite, in the microbial degradation of structurally-related herbicide, MCPA. <i>PeerJ</i> , 2019, 7, e6745.	2.0	8
23	The biochemical response of willow plants (<i>Salix viminalis</i> L.) to the use of sewage sludge from various sizes of wastewater treatment plant. <i>Science of the Total Environment</i> , 2018, 615, 882-894.	8.0	31
24	The variability of PCDD/F concentrations in the effluent of wastewater treatment plants with regard to their hydrological environment. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 90.	2.7	14
25	The effect of sewage sludge application on soil properties and willow (<i>Salix</i> sp.) cultivation. <i>Science of the Total Environment</i> , 2017, 586, 66-75.	8.0	84
26	The use of a hybrid Sequential Biofiltration System for the improvement of nutrient removal and PCB control in municipal wastewater. <i>Scientific Reports</i> , 2017, 7, 5477.	3.3	20
27	The influence of the Cucurbitaceae on mitigating the phytotoxicity and PCDD/PCDF content of soil amended with sewage sludge. <i>International Journal of Phytoremediation</i> , 2017, 19, 207-213.	3.1	16
28	Effects of Stormwater and Snowmelt Runoff on ELISA-EQ Concentrations of PCDD/PCDF and Triclosan in an Urban River. <i>PLoS ONE</i> , 2016, 11, e0151756.	2.5	4
29	The Different Physiological and Antioxidative Responses of Zucchini and Cucumber to Sewage Sludge Application. <i>PLoS ONE</i> , 2016, 11, e0157782.	2.5	13
30	Potential for Phytoremediation of PCDD/PCDF-Contaminated Sludge and Sediments Using Cucurbitaceae Plants: A Pilot Study. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 401-406.	2.7	22
31	Leaching of PCBs and Nutrients from Soil Fertilized with Municipal Sewage Sludge. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 249-254.	2.7	16
32	Incidence of microcystin-producing cyanobacteria in Lake Tana, the largest waterbody in Ethiopia. <i>African Journal of Ecology</i> , 2015, 53, 54-63.	0.9	15
33	The Role of Hydrology in the Polychlorinated Dibenzo- <i>p</i> -dioxin and Dibenzofuran Distributions in a Lowland River. <i>Journal of Environmental Quality</i> , 2015, 44, 1171-1182.	2.0	8
34	Concentrations and Toxic Equivalency of Polychlorinated Biphenyls in Polish Wastewater Treatment Plant Effluents. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 530-535.	2.7	9
35	Levels and sources of PCDDs, PCDFs and dl-PCBs in the water ecosystems of central Poland – A mini review. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2014, 27, 902-918.	1.3	7
36	Spatial distribution and reduction of PCDD/PCDF Toxic Equivalents along three shallow lowland reservoirs. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4441-4452.	5.3	21

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37	Point sources of nutrient pollution in the lowland river catchment in the context of the Baltic Sea eutrophication. <i>Ecological Engineering</i> , 2014, 70, 337-348.	3.6	65
38	The effect of PCB-contaminated sewage sludge and sediment on metabolism of cucumber plants (<i>Cucumis sativus</i> L.). <i>Ecohydrology and Hydrobiology</i> , 2014, 14, 75-82.	2.3	36
39	The role of riparian willows in phosphorus accumulation and PCB control for lotic water quality improvement. <i>Ecological Engineering</i> , 2014, 70, 1-10.	3.6	28
40	The impact of point sources of pollution on the transport of micropollutants along the river continuum. <i>Hydrology Research</i> , 2014, 45, 391-410.	2.7	12
41	IMPACT OF SLUDGE ORIGINATED PCDDs/PCDFs ON SOIL CONTAMINATION AND SALIX SP. METABOLISM. , 2014, , .		3
42	Spatial distribution of PCDDs, PCDFs and dl-PCBs along the cascade of urban reservoirs. <i>Hydrology Research</i> , 2013, 44, 614-630.	2.7	13
43	The role of a lowland reservoir in the transport of micropollutants, nutrients and the suspended particulate matter along the river continuum. <i>Hydrology Research</i> , 2012, 43, 400-411.	2.7	34
44	Efficiency analysis of two sequential biofiltration systems in Poland and Ethiopia - the pilot study. <i>Ecohydrology and Hydrobiology</i> , 2012, 12, 271-285.	2.3	12
45	Hydrological and environmental conditions as key drivers for spatial and seasonal changes in PCDD/PCDF concentrations, transport and deposition along urban cascade reservoirs. <i>Chemosphere</i> , 2012, 88, 1358-1367.	8.2	18
46	Ecohydrology for a sustainable future in Africa – the cases of Ethiopia, Kenya and Tanzania. <i>Ecohydrology and Hydrobiology</i> , 2011, 11, 223-230.	2.3	5
47	Ecohydrological systemic solutions for reduction of siltation, eutrophication and dioxin-induced toxicity. The pilot study of the Asella BioFarm Park lake, Ethiopia. <i>Ecohydrology and Hydrobiology</i> , 2010, 10, 363-368.	2.3	5
48	Ecohydrology for Ethiopia – regulation of water biota interactions for sustainable water resources and ecosystem services for societies. <i>Ecohydrology and Hydrobiology</i> , 2010, 10, 101-106.	2.3	8
49	Biodegradation of PCDDs/PCDFs and PCBs. , 0, , .		16
50	PCDDs/PCDFs and PCBs in Wastewater and Sewage Sludge. , 0, , .		3
51	Biological Remediation of Phenoxy Herbicide-Contaminated Environments. , 0, , .		2