

Ewa Wojciechowska

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

713
citations

471371

17
h-index

580701

25
g-index

58
all docs

58
docs citations

58
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of microwaves for sewage sludge conditioning. <i>Water Research</i> , 2005, 39, 4749-4754.	5.3	104
2	The effects of urban vehicle traffic on heavy metal contamination in road sweeping waste and bottom sediments of retention tanks. <i>Science of the Total Environment</i> , 2020, 749, 141511.	3.9	55
3	Heavy Metals in Sediments of Urban Streams: Contamination and Health Risk Assessment of Influencing Factors. <i>Sustainability</i> , 2019, 11, 563.	1.6	46
4	Potential and limits of landfill leachate treatment in a multi-stage subsurface flow constructed wetland – Evaluation of organics and nitrogen removal. <i>Bioresource Technology</i> , 2017, 236, 146-154.	4.8	37
5	Removal of lead ions from wastewater using lanthanum sulfide nanoparticle decorated over magnetic graphene oxide. <i>Environmental Research</i> , 2022, 204, 111959.	3.7	33
6	Reliability of nitrogen removal processes in multistage treatment wetlands receiving high-strength wastewater. <i>Ecological Engineering</i> , 2017, 98, 365-371.	1.6	28
7	Recent advances on the removal of phosphorus in aquatic plant-based systems. <i>Environmental Technology and Innovation</i> , 2021, 24, 101933.	3.0	28
8	Rural domestic wastewater treatment in Norway and Poland: experiences, cooperation and concepts on the improvement of constructed wetland technology. <i>Water Science and Technology</i> , 2011, 63, 776-781.	1.2	26
9	Distribution and removal efficiency of heavy metals in two constructed wetlands treating landfill leachate. <i>Water Science and Technology</i> , 2011, 64, 1597-1606.	1.2	23
10	Trace Metal Contamination of Bottom Sediments: A Review of Assessment Measures and Geochemical Background Determination Methods. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 872.	0.8	23
11	Application of H ₂ O ₂ to optimize ammonium removal from domestic wastewater. <i>Separation and Purification Technology</i> , 2017, 173, 357-363.	3.9	22
12	Spatial and vertical distribution analysis of heavy metals in urban retention tanks sediments: a case study of Strzyza Stream. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1469-1485.	1.8	22
13	Removal of persistent organic pollutants from landfill leachates treated in three constructed wetland systems. <i>Water Science and Technology</i> , 2013, 68, 1164-1172.	1.2	20
14	Application of subsurface vertical flow constructed wetlands to reject water treatment in dairy wastewater treatment plant. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 175-182.	1.2	19
15	Uptake, accumulation, and translocation of Zn, Cu, Pb, Cd, Ni, and Cr by <i>P. australis</i> seedlings in an urban dredged sediment mesocosm: Impact of seedling origin and initial trace metal content. <i>Science of the Total Environment</i> , 2021, 768, 144983.	3.9	19
16	Nutrient loss from three small-size watersheds in the southern Baltic Sea in relation to agricultural practices and policy. <i>Journal of Environmental Management</i> , 2019, 252, 109637.	3.8	17
17	Seasonal changes of the concentrations of mineral forms of nitrogen and phosphorus in watercourses in the agricultural catchment area (Bay of Puck, Baltic Sea, Poland). <i>Water Science and Technology: Water Supply</i> , 2019, 19, 986-994.	1.0	17
18	Phytoextraction and recovery of rare earth elements using willow (<i>Salix</i> spp.). <i>Science of the Total Environment</i> , 2022, 809, 152209.	3.9	15

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19	A New Approach for Investigating the Impact of Pesticides and Nutrient Flux from Agricultural Holdings and Land-Use Structures on Baltic Sea Coastal Waters. Polish Journal of Environmental Studies, 2019, 28, 2531-2539.	0.6	14
20	Seasonal contributions of nutrients from small urban and agricultural watersheds in northern Poland. PeerJ, 2020, 8, e8381.	0.9	14
21	Performance of Reed Beds Supplied with Municipal Landfill Leachate. , 2008, , 251-265.		13
22	Hazard assessment of sediments from a wetland system for treatment of landfill leachate using bioassays. Ecotoxicology and Environmental Safety, 2013, 97, 255-262.	2.9	11
23	The fate and contamination of trace metals in soils exposed to a railroad used by Diesel Multiple Units: Assessment of the railroad contribution with multi-tool source tracking. Science of the Total Environment, 2021, 798, 149300.	3.9	11
24	Heavy metal accumulation and distribution in Phragmites australis seedlings tissues originating from natural and urban catchment. Environmental Science and Pollution Research, 2021, 28, 14299-14309.	2.7	10
25	Treatment Wetlands for Environmental Pollution Control. GeoPlanet: Earth and Planetary Sciences, 2015, , .	0.2	9
26	Biomass Production and Removal of Nitrogen and Phosphorus from Processed Municipal Wastewater by Salix schwerinii: A Field Trial. Water (Switzerland), 2021, 13, 2298.	1.2	9
27	Treatment of landfill leachate in a constructed free water surface wetland system over a decade – Identification of disturbance in process behaviour and removal of eutrophying substances and organic material. Journal of Environmental Management, 2019, 249, 109319.	3.8	8
28	Integrated information and prediction Web Service WaterPUCK General concept. MATEC Web of Conferences, 2018, 210, 02011.	0.1	7
29	Towards a multi-basin SWAT model for the migration of nutrients and pesticides to Puck Bay (Southern Baltic Sea). PeerJ, 2021, 9, e10938.	0.9	7
30	Assessment of Trace Metals Leaching During Rainfall Events from Building Rooftops with Different Types of Coverage – Case Study. Journal of Ecological Engineering, 2018, 19, 45-51.	0.5	7
31	Can Bottom Sediments Be a Prospective Fertilizing Material? A Chemical Composition Analysis for Potential Reuse in Agriculture. Materials, 2021, 14, 7685.	1.3	7
32	Partitioning of heavy metals in sub-surface flow treatment wetlands receiving high-strength wastewater. Water Science and Technology, 2013, 68, 486-493.	1.2	6
33	OPERATIONAL PROBLEMS OF CONSTRUCTED WETLAND FOR LANDFILL LEACHATE TREATMENT: CASE STUDY. Inżynieria Ekologiczna, 2013, 14, 43-48.	0.2	5
34	Application, design and operation of constructed wetland systems: case studies of systems in the Gdańsk region, Poland. Ecohydrology and Hydrobiology, 2007, 7, 303-309.	1.0	4
35	Change in Heavy Metals Concentrations in Sediments Deposited in Retention Tanks in a Stream after a Flood. Polish Journal of Environmental Studies, 2018, 28, 9-14.	0.6	4
36	Application of Vertical Flow Constructed Wetlands for Highly Contaminated Wastewater Treatment: Preliminary Results. , 2010, , 37-50.		3

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37	Modelling the impact of the agricultural holdings and land-use structure on the quality of inland and coastal waters with an innovative and interdisciplinary toolkit. <i>Agricultural Water Management</i> , 2022, 263, 107438.	2.4	3
38	PRE-FEASIBILITY STUDY FOR TREATMENT WETLAND APPLICATION FOR WASTEWATER TREATMENT IN DISPERSED DEVELOPMENT. <i>Journal of Ecological Engineering</i> , 2016, 17, 79-86.	0.5	2
39	Contamination of water in Oliwski Stream after the flood in 2016. <i>E3S Web of Conferences</i> , 2017, 17, 00057.	0.2	1
40	Application of Vertical Reed Beds as a Buffer for Effluent from SBR ANAMMOX Treatment for Reject Water from Centrifugation. , 0, , .		1
41	Landfill Leachate Treatment in Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 143-156.	0.2	1
42	The Concept of a Sewage-Sludge Management System for an Individual Household. , 2010, , 179-190.		0
43	Single-Family Treatment Wetlands Progress in Poland. , 2015, , 237-248.		0
44	Review on the quality of sediments from the stormwater drainage system in the urban area. <i>E3S Web of Conferences</i> , 2017, 17, 00064.	0.2	0
45	Reject Water from Digested Sludge Centrifugation Treatment in HTW. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 121-142.	0.2	0
46	Dewatering of Sewage Sludge Dewatering in Reed Systems. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 157-169.	0.2	0
47	Storm Water Treatment in TWs. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 105-120.	0.2	0
48	The Quality of the Outflow from Conventional WWTPs and Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 89-103.	0.2	0
49	Types of Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 5-14.	0.2	0
50	Preliminary Results from the Removal of Phosphorus Compounds with Selected Sorption Material. , 0, , .		0
51	Estimate load of biogenic pollutants inflowing with water of Oliwa Stream to Gulf of Gdansk. <i>Inżynieria Ekologiczna</i> , 2018, 19, 1-8.	0.2	0