

Magdalena H Gajewska

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61 papers	639 citations	16 h-index	23 g-index
64 ext. papers	791 ext. citations	3.8 avg, IF	4.48 L-index

#	Paper	IF	Citations
61	A review of nature-based solutions for urban water management in European circular cities: a critical assessment based on case studies and literature. <i>Blue-Green Systems</i> , 2020 , 2, 112-136	5.2	83
60	Impact of influent wastewater quality on nitrogen removal rates in multistage treatment wetlands. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12840-8	5.1	42
59	Spatial distribution of pharmaceuticals in conventional wastewater treatment plant with Sludge Treatment Reed Beds technology. <i>Science of the Total Environment</i> , 2019 , 647, 149-157	10.2	38
58	Removal of organic matter and nitrogen in an horizontal subsurface flow (HSSF) constructed wetland under transient loads. <i>Water Science and Technology</i> , 2009 , 60, 1677-82	2.2	32
57	Phosphorus removal by application of natural and semi-natural materials for possible recovery according to assumptions of circular economy and closed circuit of P. <i>Science of the Total Environment</i> , 2019 , 650, 249-256	10.2	32
56	Reliability and efficiency of pollution removal during long-term operation of a one-stage constructed wetland system with horizontal flow. <i>Separation and Purification Technology</i> , 2017 , 187, 60-66	8.3	28
55	Influence of the particle size of carbonate-siliceous rock on the efficiency of phosphorous removal from domestic wastewater. <i>Ecological Engineering</i> , 2017 , 98, 290-296	3.9	27
54	Reliability of nitrogen removal processes in multistage treatment wetlands receiving high-strength wastewater. <i>Ecological Engineering</i> , 2017 , 98, 365-371	3.9	26
53	Kinetics of pollutants removal in vertical and horizontal flow constructed wetlands in temperate climate. <i>Science of the Total Environment</i> , 2020 , 718, 137371	10.2	23
52	The efficiency and technological reliability of biogenic compounds removal during long-term operation of a one-stage subsurface horizontal flow constructed wetland. <i>Separation and Purification Technology</i> , 2018 , 202, 216-226	8.3	22
51	Assessment of the technological reliability of a hybrid constructed wetland for wastewater treatment in a mountain eco-tourist farm in Poland. <i>Water Science and Technology</i> , 2017 , 75, 2649-2658	2.2	20
50	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, 776-81	2.2	20
49	Possibilities of Phoslock [®] application to remove phosphorus compounds from wastewater treated in hybrid wetlands. <i>Ecological Engineering</i> , 2018 , 122, 84-90	3.9	18
48	Integrated dewatering and stabilization system as an environmentally friendly technology in sewage sludge management in Poland. <i>Ecological Engineering</i> , 2017 , 98, 346-353	3.9	17
47	Management of Urban Waters with Nature-Based Solutions in Circular Cities Exemplified through Seven Urban Circularity Challenges. <i>Water (Switzerland)</i> , 2021 , 13, 3334	3	16
46	25 years of research and experiences about the application of constructed wetlands in southeastern Poland. <i>Ecological Engineering</i> , 2019 , 127, 440-453	3.9	16
45	Application of H ₂ O ₂ to optimize ammonium removal from domestic wastewater. <i>Separation and Purification Technology</i> , 2017 , 173, 357-363	8.3	15

44	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	2.6	14
43	Dynamics of algae growth and nutrients in experimental enclosures culturing bighead carp and common carp: Phosphorus dynamics. <i>International Journal of Sediment Research</i> , 2016 , 31, 173-180	3	13
42	Long-term operation of Kickuth-type constructed wetland applied to municipal wastewater treatment in temperate climate. <i>Environmental Technology (United Kingdom)</i> , 2018 , 39, 1133-1143	2.6	11
41	Polish experience in operation of sludge treatment reed beds. <i>Ecological Engineering</i> , 2018 , 120, 405-410	3.9	11
40	The efficiency and reliability of pollutant removal in a hybrid constructed wetland with giant miscanthus and Jerusalem artichoke in Poland. <i>Ecological Engineering</i> , 2019 , 127, 23-35	3.9	10
39	Solving the Beach Wrack Problems by On Site Treatment with Reed Beds Towards Fertilizer Amendments. <i>Journal of Ecological Engineering</i> , 2019 , 20, 252-261	2	9
38	Waste materials assessment for phosphorus adsorption toward sustainable application in circular economy. <i>Resources, Conservation and Recycling</i> , 2021 , 168, 105335	11.9	9
37	Kinetics of pollutants removal in hybrid treatment wetlands [Case study comparison. <i>Ecological Engineering</i> , 2018 , 120, 222-229	3.9	9
36	Is sequential batch reactor an efficient technology to protect recipient against non-steroidal anti-inflammatory drugs and paracetamol in treated wastewater?. <i>Bioresource Technology</i> , 2020 , 318, 124068	11	8
35	Kinetics of nitrogen removal processes in constructed wetlands. <i>E3S Web of Conferences</i> , 2018 , 26, 00001	11.5	8
34	PRELIMINARY RESULTS FROM APPLICATION PHOSLOCK® TO REMOVE PHOSPHORUS COMPOUNDS FROM WASTEWATER. <i>Journal of Ecological Engineering</i> , 2017 , 18, 82-89	2	8
33	The role of SSVF and SSHF beds in concentrated wastewater treatment, design recommendation. <i>Water Science and Technology</i> , 2011 , 64, 431-9	2.2	7
32	Partitioning of heavy metals in sub-surface flow treatment wetlands receiving high-strength wastewater. <i>Water Science and Technology</i> , 2013 , 68, 486-93	2.2	6
31	Multistage treatment wetland for treatment of reject waters from digested sludge dewatering. <i>Water Science and Technology</i> , 2013 , 68, 1223-32	2.2	6
30	Nitrogen removal in vertical flow constructed wetlands: influence of bed depth and high nitrogen loadings. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 2196-2209	2.6	6
29	OPERATIONAL PROBLEMS OF CONSTRUCTED WETLAND FOR LANDFILL LEACHATE TREATMENT: CASE STUDY. <i>Inżynieria Ekologiczna</i> , 2013 , 14, 43-48	2	5
28	Treatment Wetlands for Environmental Pollution Control. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 ,	0.1	4
27	Application, design and operation of constructed wetland systems: case studies of systems in the Gdańsk region, Poland. <i>Ecohydrology and Hydrobiology</i> , 2007 , 7, 303-309	2.8	3

26	Environmental Engineering IV		3
25	Hybrid Constructed Wetlands for the National Parks in Poland – The Case Study, Requirements, Dimensioning and Preliminary Results 2016 , 247-265		2
24	Application of Vertical Flow Constructed Wetlands for Highly Contaminated Wastewater Treatment: Preliminary Results 2010 , 37-50		2
23	From the pills to environment - Prediction and tracking of non-steroidal anti-inflammatory drug concentrations in wastewater.. <i>Science of the Total Environment</i> , 2022 , 153611	10.2	2
22	Using terrestrial laser scanning in inventorying of a hybrid constructed wetland system. <i>Water Science and Technology</i> , 2017 , 76, 2664-2671	2.2	1
21	Effectiveness of pollutants removal in hybrid constructed wetlands – Different configurations case study. <i>E3S Web of Conferences</i> , 2017 , 17, 00023	0.5	1
20	The legal regulations of sewage sludge management. <i>Ecohydrology and Hydrobiology</i> , 2007 , 7, 261-266	2.8	1
19	Detection and Removal of Priority Substances and Emerging Pollutants from Stormwater: Case Study of the Koźbrzeska Collector, Gdańsk, Poland. <i>Sustainability</i> , 2022 , 14, 1105	3.6	1
18	Application of Vertical Reed Beds as a Buffer for Effluent from SBR ANAMMOX Treatment for Reject Water from Centrifugation		1
17	Assessment of diversity and composition of bacterial community in sludge treatment reed bed systems. <i>Science of the Total Environment</i> , 2021 , 756, 144060	10.2	1
16	Analysis of efficiency of phosphates sorption by different granulation of selected reactive material. <i>E3S Web of Conferences</i> , 2018 , 26, 00002	0.5	1
15	Technical solutions and benefits of introducing rain gardens - Gdańsk case study.. <i>Science of the Total Environment</i> , 2022 , 155487	10.2	0
14	Single-Family Treatment Wetlands Progress in Poland 2015 , 237-248		
13	Treatment Wetland for Overflow Stormwater Treatment: The Impact of Pollutant Particles Size 2015 , 249-257		
12	Treatment Wetlands in Rural Areas of Poland for Baltic Sea Protection 2015 , 259-271		
11	Domestic Wastewater Treatment. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 15-87	0.1	
10	The Concept of a Sewage-Sludge Management System for an Individual Household 2010 , 179-190		
9	Long-term operating conditions for different sorption materials to capture phosphate from domestic wastewater. <i>Sustainable Materials and Technologies</i> , 2022 , 31, e00385	5.3	

8	Reject Water from Digested Sludge Centrifugation Treatment in HTW. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 121-142	0.1
7	Characteristics of the Hydrophytes Method. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 3-4	0.1
6	Dewatering of Sewage Sludge Dewatering in Reed Systems. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 157-169	0.1
5	Storm Water Treatment in TWs. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 105-120	0.1
4	The Quality of the Outflow from Conventional WWTPs and Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 89-103	0.1
3	Landfill Leachate Treatment in Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 143-156	0.1
2	Types of Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015 , 5-14	0.1
1	Innovative Method for Utilization of Wastewater for Security and Safety in Rural Areas. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2012 , 91-100	0.3