

# Magdalena H Gajewska

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5653430/magdalena-h-gajewska-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Detection and Removal of Priority Substances and Emerging Pollutants from Stormwater: Case Study of the Kołbrzeska Collector, Gdańsk, Poland. <i>Sustainability</i> , <b>2022</b> , 14, 1105	3.6	1
60	From the pills to environment - Prediction and tracking of non-steroidal anti-inflammatory drug concentrations in wastewater.. <i>Science of the Total Environment</i> , <b>2022</b> , 153611	10.2	2
59	Long-term operating conditions for different sorption materials to capture phosphate from domestic wastewater. <i>Sustainable Materials and Technologies</i> , <b>2022</b> , 31, e00385	5.3	
58	Technical solutions and benefits of introducing rain gardens - Gdańsk case study.. <i>Science of the Total Environment</i> , <b>2022</b> , 155487	10.2	0
57	Management of Urban Waters with Nature-Based Solutions in Circular Cities Exemplified through Seven Urban Circularity Challenges. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3334	3	16
56	Assessment of diversity and composition of bacterial community in sludge treatment reed bed systems. <i>Science of the Total Environment</i> , <b>2021</b> , 756, 144060	10.2	1
55	Waste materials assessment for phosphorus adsorption toward sustainable application in circular economy. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 168, 105335	11.9	9
54	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> , <b>2020</b> , 318, 124068	11	8
53	Kinetics of pollutants removal in vertical and horizontal flow constructed wetlands in temperate climate. <i>Science of the Total Environment</i> , <b>2020</b> , 718, 137371	10.2	23
52	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> , <b>2020</b> , 2, 112-136	5.2	83
51	Nitrogen removal in vertical flow constructed wetlands: influence of bed depth and high nitrogen loadings. <i>Environmental Technology (United Kingdom)</i> , <b>2020</b> , 41, 2196-2209	2.6	6
50	Spatial distribution of pharmaceuticals in conventional wastewater treatment plant with Sludge Treatment Reed Beds technology. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 149-157	10.2	38
49	Solving the Beach Wrack Problems by On Site Treatment with Reed Beds Towards Fertilizer Amendments. <i>Journal of Ecological Engineering</i> , <b>2019</b> , 20, 252-261	2	9
48	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> , <b>2019</b> , 650, 249-256	10.2	32
47	25 years of research and experiences about the application of constructed wetlands in southeastern Poland. <i>Ecological Engineering</i> , <b>2019</b> , 127, 440-453	3.9	16
46	The efficiency and reliability of pollutant removal in a hybrid constructed wetland with giant miscanthus and Jerusalem artichoke in Poland. <i>Ecological Engineering</i> , <b>2019</b> , 127, 23-35	3.9	10
45	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> , <b>2018</b> , 202, 216-226	8.3	22

44	Long-term operation of Kickuth-type constructed wetland applied to municipal wastewater treatment in temperate climate. <i>Environmental Technology (United Kingdom)</i> , <b>2018</b> , 39, 1133-1143	2.6	11
43	Polish experience in operation of sludge treatment reed beds. <i>Ecological Engineering</i> , <b>2018</b> , 120, 405-410	3.9	11
42	Kinetics of nitrogen removal processes in constructed wetlands. <i>E3S Web of Conferences</i> , <b>2018</b> , 26, 00000	0.5	8
41	Possibilities of Phoslock® application to remove phosphorus compounds from wastewater treated in hybrid wetlands. <i>Ecological Engineering</i> , <b>2018</b> , 122, 84-90	3.9	18
40	Kinetics of pollutants removal in hybrid treatment wetlands – Case study comparison. <i>Ecological Engineering</i> , <b>2018</b> , 120, 222-229	3.9	9
39	Analysis of efficiency of phosphates sorption by different granulation of selected reactive material. <i>E3S Web of Conferences</i> , <b>2018</b> , 26, 00002	0.5	1
38	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> , <b>2017</b> , 187, 60-66	8.3	28
37	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> , <b>2017</b> , 75, 2649-2658	2.2	20
36	Influence of the particle size of carbonate-siliceous rock on the efficiency of phosphorous removal from domestic wastewater. <i>Ecological Engineering</i> , <b>2017</b> , 98, 290-296	3.9	27
35	Using terrestrial laser scanning in inventorying of a hybrid constructed wetland system. <i>Water Science and Technology</i> , <b>2017</b> , 76, 2664-2671	2.2	1
34	Effectiveness of pollutants removal in hybrid constructed wetlands – Different configurations case study. <i>E3S Web of Conferences</i> , <b>2017</b> , 17, 00023	0.5	1
33	Application of subsurface vertical flow constructed wetlands to reject water treatment in dairy wastewater treatment plant. <i>Environmental Technology (United Kingdom)</i> , <b>2017</b> , 38, 175-182	2.6	14
32	Reliability of nitrogen removal processes in multistage treatment wetlands receiving high-strength wastewater. <i>Ecological Engineering</i> , <b>2017</b> , 98, 365-371	3.9	26
31	Integrated dewatering and stabilization system as an environmentally friendly technology in sewage sludge management in Poland. <i>Ecological Engineering</i> , <b>2017</b> , 98, 346-353	3.9	17
30	Application of H <sub>2</sub> O <sub>2</sub> to optimize ammonium removal from domestic wastewater. <i>Separation and Purification Technology</i> , <b>2017</b> , 173, 357-363	8.3	15
29	PRELIMINARY RESULTS FROM APPLICATION PHOSLOCK® TO REMOVE PHOSPHORUS COMPOUNDS FROM WASTEWATER. <i>Journal of Ecological Engineering</i> , <b>2017</b> , 18, 82-89	2	8
28	Hybrid Constructed Wetlands for the National Parks in Poland – The Case Study, Requirements, Dimensioning and Preliminary Results <b>2016</b> , 247-265		2
27	Dynamics of algae growth and nutrients in experimental enclosures culturing bighead carp and common carp: Phosphorus dynamics. <i>International Journal of Sediment Research</i> , <b>2016</b> , 31, 173-180	3	13

26 Single-Family Treatment Wetlands Progress in Poland **2015**, 237-248

25 Treatment Wetland for Overflow Stormwater Treatment: The Impact of Pollutant Particles Size **2015**, 249-257

24 Treatment Wetlands in Rural Areas of Poland for Baltic Sea Protection **2015**, 259-271

23 Domestic Wastewater Treatment. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 15-87

0.1

22 Impact of influent wastewater quality on nitrogen removal rates in multistage treatment wetlands. *Environmental Science and Pollution Research*, **2015**, 22, 12840-8

5.1

42

21 Treatment Wetlands for Environmental Pollution Control. *GeoPlanet: Earth and Planetary Sciences*, **2015**,

0.1

4

20 Reject Water from Digested Sludge Centrifugation Treatment in HTW. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 121-142

0.1

19 Characteristics of the Hydrophytes Method. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 3-4

0.1

18 Dewatering of Sewage Sludge Dewatering in Reed Systems. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 157-169

0.1

17 Storm Water Treatment in TWs. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 105-120

0.1

16 The Quality of the Outflow from Conventional WWTPs and Treatment Wetlands. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 89-103

0.1

15 Landfill Leachate Treatment in Treatment Wetlands. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 143-156

14 Types of Treatment Wetlands. *GeoPlanet: Earth and Planetary Sciences*, **2015**, 5-14

0.1

13 Partitioning of heavy metals in sub-surface flow treatment wetlands receiving high-strength wastewater. *Water Science and Technology*, **2013**, 68, 486-93

2.2

6

12 Multistage treatment wetland for treatment of reject waters from digested sludge dewatering. *Water Science and Technology*, **2013**, 68, 1223-32

2.2

6

11 OPERATIONAL PROBLEMS OF CONSTRUCTED WETLAND FOR LANDFILL LEACHATE TREATMENT: CASE STUDY. *Inżynieria Ekologiczna*, **2013**, 14, 43-48

2

5

10 Innovative Method for Utilization of Wastewater for Security and Safety in Rural Areas. *NATO Science for Peace and Security Series C: Environmental Security*, **2012**, 91-100

0.3

9 The role of SSVF and SSHF beds in concentrated wastewater treatment, design recommendation. *Water Science and Technology*, **2011**, 64, 431-9

2.2

7

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> , <b>2011</b> , 63, 776-81	2.2	20
7	The Concept of a Sewage-Sludge Management System for an Individual Household <b>2010</b> , 179-190		
6	Application of Vertical Flow Constructed Wetlands for Highly Contaminated Wastewater Treatment: Preliminary Results <b>2010</b> , 37-50		2
5	Removal of organic matter and nitrogen in an horizontal subsurface flow (HSSF) constructed wetland under transient loads. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1677-82	2.2	32
4	Application, design and operation of constructed wetland systems: case studies of systems in the Gdańsk region, Poland. <i>Ecohydrology and Hydrobiology</i> , <b>2007</b> , 7, 303-309	2.8	3
3	The legal regulations of sewage sludge management. <i>Ecohydrology and Hydrobiology</i> , <b>2007</b> , 7, 261-266	2.8	1
2	Environmental Engineering IV		3
1	Application of Vertical Reed Beds as a Buffer for Effluent from SBR ANAMMOX Treatment for Reject Water from Centrifugation		1