

# Ewa Wojciechowska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6780997/publications.pdf>

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  | 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        |
| 2  | 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        |
| 3  | 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         |
| 4  | Heavy metal accumulation and distribution in <i>Phragmites australis</i> seedlings tissues originating from natural and urban catchment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 14299-14309.  | 2.7 | 10        |
| 5  | Towards a multi-basin SWAT model for the migration of nutrients and pesticides to Puck Bay (Southern Baltic Sea). <i>PeerJ</i> , 2021, 9, e10938.  | 0.9 | 7         |
| 6  | 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        |
| 7  | Biomass Production and Removal of Nitrogen and Phosphorus from Processed Municipal Wastewater by <i>Salix schwerinii</i> : A Field Trial. <i>Water (Switzerland)</i> , 2021, 13, 2298.   | 1.2 | 9         |
| 8  | 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        |
| 9  | Recent advances on the removal of phosphorus in aquatic plant-based systems. <i>Environmental Technology and Innovation</i> , 2021, 24, 101933.  | 3.0 | 28        |
| 10 | 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. <i>Science of the Total Environment</i> , 2021, 798, 149300.                                   | 3.9 | 11        |
| 11 | Can Bottom Sediments Be a Prospective Fertilizing Material? A Chemical Composition Analysis for Potential Reuse in Agriculture. <i>Materials</i> , 2021, 14, 7685.   | 1.3 | 7         |
| 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 | 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        |
| 14 | Seasonal contributions of nutrients from small urban and agricultural watersheds in northern Poland. <i>PeerJ</i> , 2020, 8, e8381.  | 0.9 | 14        |
| 15 | 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        |
| 16 | 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. <i>Journal of Environmental Management</i> , 2019, 249, 109319. | 3.8 | 8         |
| 17 | Heavy Metals in Sediments of Urban Streams: Contamination and Health Risk Assessment of Influencing Factors. <i>Sustainability</i> , 2019, 11, 563.  | 1.6 | 46        |
| 18 | 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        |

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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 | Integrated information and prediction Web Service WaterPUCK General concept. MATEC Web of Conferences, 2018, 210, 02011.   | 0.1 | 7         |
| 21 | 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         |
| 22 | 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         |
| 23 | Estimate load of biogenic pollutants inflowing with water of Oliwa Stream to Gulf of Gdansk. Inżynieria Ekologiczna, 2018, 19, 1-8.  | 0.2 | 0         |
| 24 | Potential and limits of landfill leachate treatment in a multi-stage subsurface flow constructed wetland – Evaluation of organics and nitrogen removal. Bioresource Technology, 2017, 236, 146-154.                        | 4.8 | 37        |
| 25 | Application of subsurface vertical flow constructed wetlands to reject water treatment in dairy wastewater treatment plant. Environmental Technology (United Kingdom), 2017, 38, 175-182.                                  | 1.2 | 19        |
| 26 | Reliability of nitrogen removal processes in multistage treatment wetlands receiving high-strength wastewater. Ecological Engineering, 2017, 98, 365-371.  | 1.6 | 28        |
| 27 | Application of H <sub>2</sub> O <sub>2</sub> to optimize ammonium removal from domestic wastewater. Separation and Purification Technology, 2017, 173, 357-363.  | 3.9 | 22        |
| 28 | Review on the quality of sediments from the stormwater drainage system in the urban area. E3S Web of Conferences, 2017, 17, 00064.   | 0.2 | 0         |
| 29 | Contamination of water in Oliwski Stream after the flood in 2016. E3S Web of Conferences, 2017, 17, 00057.   | 0.2 | 1         |
| 30 | PRE-FEASIBILITY STUDY FOR TREATMENT WETLAND APPLICATION FOR WASTEWATER TREATMENT IN DISPERSED DEVELOPMENT. Journal of Ecological Engineering, 2016, 17, 79-86.   | 0.5 | 2         |
| 31 | Treatment Wetlands for Environmental Pollution Control. GeoPlanet: Earth and Planetary Sciences, 2015, , .   | 0.2 | 9         |
| 32 | Single-Family Treatment Wetlands Progress in Poland. , 2015, , 237-248.  |     | 0         |
| 33 | Reject Water from Digested Sludge Centrifugation Treatment in HTW. GeoPlanet: Earth and Planetary Sciences, 2015, , 121-142.   | 0.2 | 0         |
| 34 | Dewatering of Sewage Sludge Dewatering in Reed Systems. GeoPlanet: Earth and Planetary Sciences, 2015, , 157-169.  | 0.2 | 0         |
| 35 | Storm Water Treatment in TWs. GeoPlanet: Earth and Planetary Sciences, 2015, , 105-120.  | 0.2 | 0         |
| 36 | The Quality of the Outflow from Conventional WWTPs and Treatment Wetlands. GeoPlanet: Earth and Planetary Sciences, 2015, , 89-103.  | 0.2 | 0         |

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|----|--|-----|-----------|
| 37 | Landfill Leachate Treatment in Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 143-156.   | 0.2 | 1         |
| 38 | Types of Treatment Wetlands. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 5-14.  | 0.2 | 0         |
| 39 | Hazard assessment of sediments from a wetland system for treatment of landfill leachate using bioassays. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 255-262.                                    | 2.9 | 11        |
| 40 | 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        |
| 41 | Partitioning of heavy metals in sub-surface flow treatment wetlands receiving high-strength wastewater. <i>Water Science and Technology</i> , 2013, 68, 486-493.   | 1.2 | 6         |
| 42 | OPERATIONAL PROBLEMS OF CONSTRUCTED WETLAND FOR LANDFILL LEACHATE TREATMENT: CASE STUDY. <i>Inżynieria Ekologiczna</i> , 2013, 14, 43-48.  | 0.2 | 5         |
| 43 | 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        |
| 44 | 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        |
| 45 | The Concept of a Sewage-Sludge Management System for an Individual Household. , 2010, , 179-190.   |     | 0         |
| 46 | Application of Vertical Flow Constructed Wetlands for Highly Contaminated Wastewater Treatment: Preliminary Results. , 2010, , 37-50.  |     | 3         |
| 47 | Performance of Reed Beds Supplied with Municipal Landfill Leachate. , 2008, , 251-265.   |     | 13        |
| 48 | 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.                               | 1.0 | 4         |
| 49 | Application of microwaves for sewage sludge conditioning. <i>Water Research</i> , 2005, 39, 4749-4754.   | 5.3 | 104       |
| 50 | Application of Vertical Reed Beds as a Buffer for Effluent from SBR ANAMMOX Treatment for Reject Water from Centrifugation. , 0, , .   |     | 1         |
| 51 | Preliminary Results from the Removal of Phosphorus Compounds with Selected Sorption Material. , 0, , .   |     | 0         |