

# Piotr M Bugajski

## List of Publications by Year in descending order

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Kinetics of pollutants removal in vertical and horizontal flow constructed wetlands in temperate climate. <i>Science of the Total Environment</i> , 2020, 718, 137371.   | 8.0 | 40        |
| 2  | 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.                             | 7.9 | 35        |
| 3  | 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. | 7.9 | 28        |
| 4  | Phytoremediation potential of <i>Vetiveria zizanioides</i> and <i>Oryza sativa</i> to nitrate and organic substance removal in vertical flow constructed wetland systems. <i>Ecological Engineering</i> , 2019, 138, 19-27.              | 3.6 | 20        |
| 5  | Technological reliability of domestic wastewater purification in a small Sequencing Batch Biofilm Reactor (SBBR). <i>Separation and Purification Technology</i> , 2019, 224, 340-347.  | 7.9 | 20        |
| 6  | Technological reliability of pollutant removal in different seasons in one-stage constructed wetland system with horizontal flow operating in the moderate climate. <i>Separation and Purification Technology</i> , 2020, 238, 116439.   | 7.9 | 18        |
| 7  | Comparative analysis of the quality of sewage discharged from selected agglomeration sewerage systems. <i>Journal of Water and Land Development</i> , 2016, 30, 35-42.   | 0.9 | 14        |
| 8  | Aspects of Sewage Disposal from Tourist Facilities in National Parks and Other Protected Areas. <i>Polish Journal of Environmental Studies</i> , 2015, 24, 107-114.  | 1.2 | 13        |
| 9  | THE DEVELOPMENT OF HOUSEHOLD WASTEWATER TREATMENT PLANTS IN POLAND - ADVANTAGES AND DISADVANTAGES. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2017, 2, 3-14.  | 0.6 | 13        |
| 10 | RELIABILITY OF A COLLECTIVE WASTEWATER TREATMENT PLANT. <i>Journal of Ecological Engineering</i> , 2016, 17, 143-147.  | 1.1 | 12        |
| 11 | Optimizing the Percentage of Sewage from Septic Tanks for Stable Operation of a Wastewater Treatment Plant. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1421-1425.  | 1.2 | 12        |
| 12 | Variable dynamics of sewage supply to wastewater treatment plant depending on the amount of precipitation water inflowing to sewerage network. <i>Journal of Water and Land Development</i> , 2017, 33, 57-63.                           | 0.9 | 10        |
| 13 | Kinetics of pollutants removal in hybrid treatment wetlands – Case study comparison. <i>Ecological Engineering</i> , 2018, 120, 222-229.   | 3.6 | 10        |
| 14 | Application of the Mathematical Simulation Methods for the Assessment of the Wastewater Treatment Plant Operation Work Reliability. <i>Water (Switzerland)</i> , 2019, 11, 873.  | 2.7 | 10        |
| 15 | 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.   | 2.2 | 10        |
| 16 | Designed and real hydraulic load of household wastewater treatment plants. <i>Journal of Water and Land Development</i> , 2019, 40, 155-160.   | 0.9 | 9         |
| 17 | Influence of extraneous waters on the quality and loads of pollutants in wastewater discharged into the treatment plant. <i>Journal of Water and Land Development</i> , 2017, 33, 73-78.   | 0.9 | 7         |
| 18 | Biofilter with innovative filling for low-temperature treatment of sewage from de-icing airport runways. <i>Separation and Purification Technology</i> , 2020, 242, 116761.  | 7.9 | 7         |

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|----|--|-----|-----------|
| 19 | The Impact of Atmospheric Precipitation on Wastewater Volume Flowing into the Wastewater Treatment Plant in Nowy Targ (Poland) in Terms of Treatment Costs. <i>Energies</i> , 2021, 14, 3806.  | 3.1 | 6         |
| 20 | The Analysis of the Amount of Pollutants in Wastewater after Mechanical Treatment in the Aspect of their Susceptibility to Biodegradation in the Treatment Plant in Nowy Targ. <i>Journal of Ecological Engineering</i> , 2019, 20, 135-143. | 1.1 | 6         |
| 21 | The variability of pollution load of organic, biogenic and chromium ions in wastewater inflow to the treatment plant in Nowy Targ. <i>Journal of Water and Land Development</i> , 2017, 35, 11-17.   | 0.9 | 6         |
| 22 | Prediction of the Stability of Chemical Composition of Therapeutic Groundwater. <i>Water (Switzerland)</i> , 2020, 12, 103.  | 2.7 | 5         |
| 23 | The Use of Geothermal Waters in Podhale in Terms of Tourism and Industrial Applications. <i>Journal of Ecological Engineering</i> , 2017, 18, 185-191.   | 1.1 | 5         |
| 24 | An Analysis of Seasonal Waste Draining for the Urban Agglomeration Using Statistical Methods. <i>Water (Switzerland)</i> , 2018, 10, 976.  | 2.7 | 4         |
| 25 | The Interdependence of Organic and Biogenic Pollutants Concentrations in the Aspect of their Susceptibility to Biodegradation – A Case Study. <i>Journal of Ecological Engineering</i> , 2021, 22, 138-147.                                  | 1.1 | 4         |
| 26 | The Impact of Treated Sewage on Water Quality in Mordarka Stream. <i>Journal of Ecological Engineering</i> , 2019, 20, 39-45.  | 1.1 | 4         |
| 27 | Untypical Draining Barriers Efficiency as a Method of Pollutants Limiting in the Groundwater Reservoir. <i>Journal of Ecological Engineering</i> , 2019, 20, 67-76.  | 1.1 | 4         |
| 28 | The removal of reliability nitrogen in wastewater treatment plant with sequencing biological reactor. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2015, 14, 19-27.   | 0.6 | 4         |
| 29 | Influence of the size of flow of rainwater on the composition if raw wastewater in small sewer system. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2016, 15, 3-11.   | 0.6 | 4         |
| 30 | Influence of variability in the amount of inflow wastewater pollution concentration in small sewer system (case study). <i>E3S Web of Conferences</i> , 2019, 86, 00028.   | 0.5 | 3         |
| 31 | Influence of the amount of inflowing wastewater on concentrations of pollutions contained in the wastewater in the Nowy Targ sewerage system. <i>E3S Web of Conferences</i> , 2019, 86, 00024.   | 0.5 | 3         |
| 32 | The Impact of Selected Parameters on the Condition of Activated Sludge in a Biologic Reactor in the Treatment Plant in Nowy Targ, Poland. <i>Water (Switzerland)</i> , 2020, 12, 2657.   | 2.7 | 3         |
| 33 | Analysis of the sewage system expandability in Młociwojów commune. <i>Geomatics, Landmanagement and Landscape</i> , 2013, 2, 7-14.   | 0.2 | 3         |
| 34 | Effects of precipitation on the amount and quality of raw sewage entering a sewage treatment plant in Wodzisławski. <i>Journal of Water and Land Development</i> , 2017, 34, 85-93.  | 0.9 | 2         |
| 35 | Reliability assessment of pollution removal of wastewater treatment plant using the method of Weibull. <i>E3S Web of Conferences</i> , 2020, 171, 01007.   | 0.5 | 2         |
| 36 | Optimizing Treatment of Cesspool Wastewater at an Activated Sludge Plant. <i>Sustainability</i> , 2020, 12, 10196.   | 3.2 | 2         |

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|----|---|-----|-----------|
| 37 | Concept of a New Technological System of a Biological Reactor in a Wastewater Treatment Plant in Nowy Targ in Terms of the Current Quantity and Quality of Wastewater – Case Study. Journal of Ecological Engineering, 2021, 22, 39-46. | 1.1 | 2         |
| 38 | COMPOSITIONAL ANALYSIS OF THE SEWAGE INCOMING TO AND DISCHARGED FROM THE SEWAGE TREATMENT PLANT IN KOLBUSZOWA DOLNA. Journal of Ecological Engineering, 2016, 17, 9-16.   | 1.1 | 2         |
| 39 | Long-term operating conditions for different sorption materials to capture phosphate from domestic wastewater. Sustainable Materials and Technologies, 2022, 31, e00385.  | 3.3 | 2         |
| 40 | Impact of atmospheric precipitation on the volume of wastewater inflowing to the treatment plant in Nowy Targ. E3S Web of Conferences, 2020, 171, 01009.  | 0.5 | 1         |
| 41 | The determination of limit of tannery wastewater flowing to the wastewater treatment plant in Nowy Targ (Poland) in terms of the impact of chromium concentration on treated wastewater quality. , 0, 225, 165-174.                     |     | 1         |
| 42 | VERIFICATION OF EMPIRICAL FORMULAS FOR CALCULATING MEAN LOW FLOW WITH THE VIEW TO EVALUATING AVAILABLE WATER RESOURCES. Acta Scientiarum Polonorum Formatio Circumiectus, 2019, 2, 83-92.   | 0.6 | 1         |
| 43 | ZmienneŹ oraz koszty zuŹycia gazu ziemnego w sezonie grzewczym w budynku jednorodzinnym. Gaz, Woda; Technika Sanitarna, 2017, 1, 7-8.   | 0.0 | 0         |