Piotr M Bugajski

List of Publications by Year
in descending order

43	367	840728 11	888047 17
papers	citations	h-index	g-index

43	43	43	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-term operating conditions for different sorption materials to capture phosphate from domestic wastewater. Sustainable Materials and Technologies, 2022, 31, e00385.	3.3	2
2	The Interdependence of Organic and Biogenic Pollutants Concentrations in the Aspect of their Susceptibility to Biodegradation â€“ A Case Study. Journal of Ecological Engineering, 2021, 22, 138-147.	1.1	4
3	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 â€“ Case Study. Journal of Ecological Engineering, 2021, 22, 39-46.	1.1	2
4	The Impact of Atmospheric Precipitation on Wastewater Volume Flowing into the Wastewater Treatment Plant in Nowy Targ (Poland) in Terms of Treatment Costs. Energies, 2021, 14, 3806.	3.1	6
5	Nitrogen removal in vertical flow constructed wetlands: influence of bed depth and high nitrogen loadings. Environmental Technology (United Kingdom), 2020, 41, 2196-2209.	2.2	10
6	Technological reliability of pollutant removal in different seasons in one-stage constructed wetland system with horizontal flow operating in the moderate climate. Separation and Purification Technology, 2020, 238, 116439.	7.9	18
7	The Impact of Selected Parameters on the Condition of Activated Sludge in a Biologic Reactor in the Treatment Plant in Nowy Targ, Poland. Water (Switzerland), 2020, 12, 2657.	2.7	3
8	Reliability assessment of pollution removal of wastewater treatment plant using the method of Weibull. E3S Web of Conferences, 2020, 171, 01007.	0.5	2
9	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
10	Optimizing Treatment of Cesspool Wastewater at an Activated Sludge Plant. Sustainability, 2020, 12, 10196.	3.2	2
11	Biofilter with innovative filling for low-temperature treatment of sewage from de-icing airport runways. Separation and Purification Technology, 2020, 242, 116761.	7.9	7
12	Kinetics of pollutants removal in vertical and horizontal flow constructed wetlands in temperate climate. Science of the Total Environment, 2020, 718, 137371.	8.0	40
13	Prediction of the Stability of Chemical Composition of Therapeutic Groundwater. Water (Switzerland), 2020, 12, 103.	2.7	5
14	Phytoremediation potential of Vetiveria zizanioides and Oryza sativa to nitrate and organic substance removal in vertical flow constructed wetland systems. Ecological Engineering, 2019, 138, 19-27.	3.6	20
15	Application of the Mathematical Simulation Methods for the Assessment of the Wastewater Treatment Plant Operation Work Reliability. Water (Switzerland), 2019, 11, 873.	2.7	10
16	Technological reliability of domestic wastewater purification in a small Sequencing Batch Biofilm Reactor (SBBR). Separation and Purification Technology, 2019, 224, 340-347.	7.9	20
17	Influence of variability in the amount of inflow wastewater pollution concentration in small sewer system (case study). E3S Web of Conferences, 2019, 86, 00028.	0.5	3
18	Influence of the amount of inflowing wastewater on concentrations of pollutions contained in the wastewater in the Nowy Targ sewerage system. E3S Web of Conferences, 2019, 86, 00024.	0.5	3

#	Article	IF	Citations
19	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. Journal of Ecological Engineering, 2019, 20, 135-143.	1.1	6
20	The Impact of Treated Sewage on Water Quality in Mordarka Stream. Journal of Ecological Engineering, 2019, 20, 39-45.	1.1	4
21	Untypical Draining Barriers Efficiency as a Method of Pollutants Limiting in the Groundwater Reservoir. Journal of Ecological Engineering, 2019, 20, 67-76.	1.1	4
22	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
23	Designed and real hydraulic load of household wastewater treatment plants. Journal of Water and Land Development, 2019, 40, 155-160.	0.9	9
24	The efficiency and technological reliability of biogenic compounds removal during long-term operation of a one-stage subsurface horizontal flow constructed wetland. Separation and Purification Technology, 2018, 202, 216-226.	7.9	28
25	An Analysis of Seasonal Waste Draining for the Urban Agglomeration Using Statistical Methods. Water (Switzerland), 2018, 10, 976.	2.7	4
26	Kinetics of pollutants removal in hybrid treatment wetlands â€“ Case study comparison. Ecological Engineering, 2018, 120, 222-229.	3.6	10
27	Reliability and efficiency of pollution removal during long-term operation of a one-stage constructed wetland system with horizontal flow. Separation and Purification Technology, 2017, 187, 60-66.	7.9	35
28	Influence of extraneous waters on the quality and loads of pollutants in wastewater discharged into the treatment plant. Journal of Water and Land Development, 2017, 33, 73-78.	0.9	7
29	Effects of precipitation on the amount and quality of raw sewage entering a sewage treatment plant in WodzisÅ‚aw ÅšlÄ…ski. Journal of Water and Land Development, 2017, 34, 85-93.	0.9	2
30	Variable dynamics of sewage supply to wastewater treatment plant depending on the amount of precipitation water inflowing to sewerage network. Journal of Water and Land Development, 2017, 33, 57-63.	0.9	10
31	The Use of Geothermal Waters in Podhale in Terms of Tourism and Industrial Applications. Journal of Ecological Engineering, 2017, 18, 185-191.	1.1	5
32	The variability of pollution load of organic, biogenic and chromium ions in wastewater inflow to the treatment plant in Nowy Targ. Journal of Water and Land Development, 2017, 35, 11-17.	0.9	6
33	THE DEVELOPMENT OF HOUSEHOLD WASTEWATER TREATMENT PLANTS IN POLAND - ADVANTAGES AND DISADVANTAGES. Acta Scientiarum Polonorum Formatio Circumiectus, 2017, 2, 3-14.	0.6	13
34	ZmiennoÅ›Ä‡ oraz koszty zuÅ¼ycia gazu ziemnego w sezonie grzewczym w budynku jednorodzinnym. Gaz, Woda; Technika Sanitarna, 2017, 1, 7-8.	0.0	0
35	Comparative analysis of the quality of sewage discharged from selected agglomeration sewerage systems. Journal of Water and Land Development, 2016, 30, 35-42.	0.9	14
36	RELIABILITY OF A COLLECTIVE WASTEWATER TREATMENT PLANT. Journal of Ecological Engineering, 2016, 17, 143-147.	1.1	12

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37	Optimizing the Percentage of Sewage from Septic Tanks for Stable Operation of a Wastewater Treatment Plant. Polish Journal of Environmental Studies, 2016, 25, 1421-1425.	1.2	12
38	Influence of the size of flow of rainwater on the composition if raw wastewater in small sewer system. Acta Scientiarum Polonorum Formatio Circumiectus, 2016, 15, 3-11.	0.6	4
39	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
40	Aspects of Sewage Disposal from Tourist Facilities in National Parks and Other Protected Areas. Polish Journal of Environmental Studies, 2015, 24, 107-114.	1.2	13
41	The removal of reliability nitrogen in wastewater treatment plant with sequencing biological reactor. Acta Scientiarum Polonorum Formatio Circumiectus, 2015, 14, 19-27.	0.6	4
42	Analysis of the sewage system expandability in MÅ›ciwojÃ³w commune. Geomatics, Landmanagement and Landscape, 2013, 2, 7-14.	0.2	3
43	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