

Krzysztof Jzwiakowski

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.

49 papers	557 citations	15 h-index	21 g-index
60 ext. papers	670 ext. citations	3.6 avg, IF	4.06 L-index

#	Paper	IF	Citations
49	Methane fermentation of the maize straw silage under meso- and thermophilic conditions. <i>Energy</i> , 2016 , 115, 1495-1502	7.9	44
48	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
47	The possibility of using plants from hybrid constructed wetland wastewater treatment plant for energy purposes. <i>Ecological Engineering</i> , 2016 , 95, 534-541	3.9	38
46	Digestate management in polish farms as an element of the nutrient cycle. <i>Journal of Cleaner Production</i> , 2020 , 242, 118454	10.3	33
45	Composting potential of the solid fraction of digested pulp produced by a biogas plant. <i>Biosystems Engineering</i> , 2017 , 160, 25-29	4.8	31
44	The use of multi-criteria analysis for selection of technology for a household WWTP compatible with sustainable development / Zastosowanie analizy wielokryterialnej do wyboru rozwiązania technologicznego przydomowej oczyszczalni ścieków zgodnego z ideą zrównoważonego rozwoju. <i>Archives of Environmental Protection</i> , 2015 , 41, 76-82		31
43	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
42	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
41	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
40	Energetic and economic analysis of biogas plant with using the dairy industry waste. <i>Energy</i> , 2019 , 183, 1023-1031	7.9	23
39	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
38	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
37	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
36	The Efficiency and Reliability of Pollutant Removal in a Hybrid Constructed Wetland with Common Reed, Manna Grass, and Virginia Mallow. <i>Water (Switzerland)</i> , 2018 , 10, 1445	3	16
35	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
34	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	3.9	13
33	Technological reliability of domestic wastewater purification in a small Sequencing Batch Biofilm Reactor (SBBR). <i>Separation and Purification Technology</i> , 2019 , 224, 340-347	8.3	12

32	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
31	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
30	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	8.3	9
29	Kinetics of pollutants removal in hybrid treatment wetlands [Case study comparison. <i>Ecological Engineering</i> , 2018 , 120, 222-229	3.9	9
28	The State of Water and Wastewater Management in the Municipalities of the Polesie National Park. <i>Journal of Ecological Engineering</i> , 2017 , 18, 192-199	2	8
27	The State of Water and Wastewater Management in the Municipalities of the Roztocze National Park. <i>Journal of Ecological Engineering</i> , 2018 , 19, 255-262	2	7
26	THE EFFICIENCY OF POLLUTION REMOVAL FROM DOMESTIC WASTEWATER IN CONSTRUCTED WETLAND SYSTEMS WITH VERTICAL FLOW WITH COMMON REED AND GLYCERIA MAXIMA. <i>Journal of Ecological Engineering</i> , 16, 110-118	2	6
25	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
24	Productivity and chemical properties of <i>Salix viminalis</i> in a horizontal subsurface flow constructed wetland during long-term operation. <i>Ecological Engineering</i> , 2018 , 122, 76-83	3.9	5
23	Preliminary results of studies on the purification of water in a pond using the SCD Probiotics technology. <i>Ecohydrology and Hydrobiology</i> , 2009 , 9, 307-312	2.8	5
22	ANALYSIS OF ECOLOGICAL STATUS OF SURFACE WATERS IN THE RIVER BYSTRZYCA LUBLIN. <i>Journal of Ecological Engineering</i> , 2016 , 17, 203-207	2	5
21	Reliability and Efficiency of Pollutant Removal in Four-Stage Constructed Wetland of SSVF-SSHF-SSHF-SSVF Type. <i>Water (Switzerland)</i> , 2020 , 12, 3153	3	5
20	Biofilter with innovative filling for low-temperature treatment of sewage from de-icing airport runways. <i>Separation and Purification Technology</i> , 2020 , 242, 116761	8.3	4
19	The use of carbonate-silica rock (opoka) to remove iron, manganese and indicator bacteria from groundwater. <i>Journal of Water and Land Development</i> , 2017 , 34, 197-204	1.4	4
18	Evaluation of the possibilities of using water-damming devices on the TyŹnienica River to build small hydropower plants. <i>Journal of Water and Land Development</i> , 2017 , 35, 113-119	1.4	4
17	Efficiency of Pollution Removal in Preliminary Settling Tanks of Household Wastewater Treatment Plants in the Roztocze National Park. <i>Journal of Ecological Engineering</i> , 2020 , 21, 9-18	2	4
16	Possibilities of protection of water resources with the use of constructed wetland systems: a review. <i>Ecohydrology and Hydrobiology</i> , 2009 , 9, 297-306	2.8	3
15	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	2

14	Technological Reliability and Efficiency of Wastewater Treatment in Two Hybrid Constructed Wetlands in the Roztocze National Park (Poland). <i>Water (Switzerland)</i> , 2020 , 12, 3435	3	2
13	Hybrid Constructed Wetlands for the National Parks in Poland – The Case Study, Requirements, Dimensioning and Preliminary Results 2016 , 247-265		2
12	QUALITY OF RAINWATERS OUTFLOWING FROM ROOFS OF GARAGE BUILDINGS OF PARK AUTHORITY OF ROZTOCZE NATIONAL PARK. <i>Journal of Ecological Engineering</i> , 2016 , 17, 208-215	2	2
11	The use of hierarchical cluster analysis for grouping atmospheric precipitation in Poland. <i>E3S Web of Conferences</i> , 2019 , 86, 00018	0.5	1
10	Environmental traits determining plant species distribution in selected midforest bogs. <i>Ecological Indicators</i> , 2018 , 89, 240-249	5.8	1
9	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
8	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	1
7	Efficiency and Technological Reliability of Contaminant Removal in Household WWTPs with Activated Sludge. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1889	2.6	1
6	Investigation on the improved electrochemical and bio-electrochemical treatment processes of soilless cultivation drainage (SCD). <i>Science of the Total Environment</i> , 2021 , 783, 146846	10.2	1
5	Efficiency of organic substance removal in a hybrid sand filter with horizontal flow. <i>Journal of Water and Land Development</i> , 2017 , 35, 95-100	1.4	
4	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	
3	The changes of surface and ground water level on the effect of regulated outflow. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2017 , 49, 269-276		
2	Influence of the Magnetic Field Gradient on the Efficiency of Magnetic Water Treatment. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 387-395	0.4	
1	Changes in the Amount of Rainwater in the Roztocze National Park (Poland) in 2001–2020 and the Possibility of Using Rainwater in the Context of Ongoing Climate Variability. <i>Water (Switzerland)</i> , 2022 , 14, 1334	3	