

Mariusz Sojka

List of Publications by Year in Descending Order

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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.

58
papers

510
citations

13
h-index

20
g-index

69
ext. papers

703
ext. citations

2.6
avg, IF

4.6
L-index

#	Paper	IF	Citations
58	Directions and Extent of Flows Changes in Warta River Basin (Poland) in the Context of the Efficiency of Run-of-River Hydropower Plants and the Perspectives for Their Future Development. <i>Energies</i> , 2022 , 15, 439	3.1	4
57	Application of Multi-Criteria Analytic Methods in the Assessment of the Technical Conditions of Small Hydraulic Structures. <i>Buildings</i> , 2022 , 12, 115	3.2	2
56	Warming Vistula River – the effects of climate and local conditions – on water temperature in one of the largest rivers in Europe. <i>Journal of Hydrology and Hydromechanics</i> , 2022 , 70, 1-11	2.1	2
55	The hydropower sector in Poland: Historical development and current status. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 158, 112150	16.2	1
54	Assessment of spatial distribution of sediment contamination with heavy metals in the two biggest rivers in Poland. <i>Catena</i> , 2022 , 211, 105959	5.8	8
53	Trace Elements in Sediments of Rivers Affected by Brown Coal Mining: A Potential Environmental Hazard. <i>Energies</i> , 2022 , 15, 2828	3.1	
52	The hydropower sector in Poland: Barriers and the outlook for the future. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 163, 112500	16.2	2
51	Hydraulic Structures as a Key Component of Sustainable Water Management at the Catchment Scale – Case Study of the Rgilewka River (Central Poland). <i>Buildings</i> , 2022 , 12, 675	3.2	1
50	Analysis of Spatial Variability of River Bottom Sediment Pollution with Heavy Metals and Assessment of Potential Ecological Hazard for the Warta River, Poland. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 327	2.4	12
49	Different responses to climate change of the hydrological regime of Lake Hańza, the deepest lake in the Central European Plain. <i>Hydrological Sciences Journal</i> , 2021 , 66, 1083-1095	3.5	0
48	The disappearance of ice cover on temperate lakes (Central Europe) as a result of climate warming. <i>Geographical Journal</i> , 2021 , 187, 200-213	2.2	1
47	Warming of lowland Polish lakes under future climate change scenarios and consequences for ice cover and mixing dynamics. <i>Journal of Hydrology: Regional Studies</i> , 2021 , 34, 100780	3.6	7
46	Changes in the Water Resources of Selected Lakes in Poland in the Period 1916–2020 as Information to Increase Their Availability. <i>Sustainability</i> , 2021 , 13, 7298	3.6	2
45	On thinning ice: Effects of atmospheric warming, changes in wind speed and rainfall on ice conditions in temperate lakes (Northern Poland). <i>Journal of Hydrology</i> , 2021 , 597, 125724	6	5
44	Causes of variations of trace and rare earth elements concentration in lakes bottom sediments in the Bory Tucholskie National Park, Poland. <i>Scientific Reports</i> , 2021 , 11, 244	4.9	5
43	Quantitative Landscape Assessment Using LiDAR and Rendered 360° Panoramic Images. <i>Remote Sensing</i> , 2020 , 12, 386	5	10
42	The Variability of Lake Water Chemistry in the Bory Tucholskie National Park (Northern Poland). <i>Water (Switzerland)</i> , 2020 , 12, 394	3	4

41	Modeling of River Channel Shading as a Factor for Changes in Hydromorphological Conditions of Small Lowland Rivers. <i>Water (Switzerland)</i> , 2020 , 12, 527	3	6
40	The Effect of Climate Change on Controlled Drainage Effectiveness in the Context of Groundwater Dynamics, Surface, and Drainage Outflows. Central-Western Poland Case Study. <i>Agronomy</i> , 2020 , 10, 625	3.6	12
39	Trace Elements in Surface Water and Bottom Sediments in the Hyporheic Zone of Lake Wadąg, Poland. <i>Polish Journal of Environmental Studies</i> , 2020 , 29, 2327-2337	2.3	2
38	Tendenzen der Veränderungen der Wassertemperatur von Seen in Nord-Ost-Polen. <i>Wasserwirtschaft</i> , 2020 , 110, 41-45	0.3	3
37	Effect of climate warming on a change in thermal and ice conditions in the largest lake in Poland – Lake Biardwy. <i>Journal of Hydrology and Hydromechanics</i> , 2020 , 68, 260-270	2.1	9
36	Application of 3D graphic software and GIS in visual impact assessment of high-voltage overhead transmission lines. <i>E3S Web of Conferences</i> , 2020 , 171, 02010	0.5	0
35	Visual impact assessment of river regulation structures. <i>E3S Web of Conferences</i> , 2020 , 171, 02015	0.5	
34	LiDAR based urban vegetation mapping as a basis of green infrastructure planning. <i>E3S Web of Conferences</i> , 2020 , 171, 02008	0.5	2
33	Sustainable Water Management in Agriculture – The Impact of Drainage Water Management on Groundwater Table Dynamics and Subsurface Outflow. <i>Sustainability</i> , 2019 , 11, 4201	3.6	15
32	Heavy Metals in Bottom Sediments of Reservoirs in the Lowland Area of Western Poland: Concentrations, Distribution, Sources and Ecological Risk. <i>Water (Switzerland)</i> , 2019 , 11, 56	3	35
31	Long-term water temperature trends of the Warta River in the years 1960–2009. <i>Ecohydrology and Hydrobiology</i> , 2019 , 19, 441-451	2.8	14
30	The increasing of maximum lake water temperature in lowland lakes of central Europe: case study of the Polish Lakeland. <i>Annales De Limnologie</i> , 2019 , 55, 6	0.7	10
29	Hyplant-Derived Sun-Induced Fluorescence – A New Opportunity to Disentangle Complex Vegetation Signals from Diverse Vegetation Types. <i>Remote Sensing</i> , 2019 , 11, 1691	5	14
28	Applying a Modified DRASTIC Model to Assess Groundwater Vulnerability to Pollution: A Case Study in Central Poland. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 1223-1231	2.3	17
27	Assessing Spectral Indices for Detecting Vegetative Overgrowth of Reservoirs. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 4199-4211	2.3	8
26	CHANGES IN ICE REGIME OF JAGODNE LAKE (NORTH-EASTERN POLAND). <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2019 , 18, 89-100	1.2	5
25	APPLICATION OF SENTINEL-2 SATELLITE IMAGERY TO ASSESSMENT OF SPATIO-TEMPORAL CHANGES IN THE RESERVOIR OVERGROWTH PROCESS - A CASE STUDY: PRZEBÓDOWO, WEST POLAND. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 2019 , 14, 39-50	2.1	8
24	Characteristics of daily water temperature fluctuations in lake kierskie (West Poland). <i>Quaestiones Geographicae</i> , 2019 , 38, 41-49	1.2	1

23	Analysis of extreme flow uncertainty impact on size of flood hazard zones for the Wronki gauge station in the Warta river. <i>Acta Geophysica</i> , 2019 , 67, 661-676	2.2	6
22	Application of Terrestrial Laser Scanning to Tree Trunk Bark Structure Characteristics Evaluation and Analysis of Their Effect on the Flow Resistance Coefficient. <i>Water (Switzerland)</i> , 2018 , 10, 753	3	5
21	Heavy Metal Transport in a River-Reservoir System: a Case Study from Central Poland. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 1725-1734	2.3	17
20	Concentration of Rare Earth Elements in surface water and bottom sediments in Lake Wadąg, Poland. <i>Journal of Elementology</i> , 2018 ,	1.3	5
19	CHANGES IN PROSNA WATER LEVELS (BOGUSŁAW PROFILE) IN 1973-2017. <i>Zeszyty Naukowe Uniwersytetu Zielonogórskiego / inżynieria Wodowiska</i> , 2018 , 171, 47-59		
18	Effect of Environmental Conditions and Morphometric Parameters on Surface Water Temperature in Polish Lakes. <i>Water (Switzerland)</i> , 2018 , 10, 580	3	39
17	Application of multivariate statistical approach to identify trace elements sources in surface waters: a case study of Kowalskie and Stare Miasto reservoirs, Poland. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 364	3.1	24
16	Ground volume assessment using Structure from Motion photogrammetry with a smartphone and a compact camera. <i>Open Geosciences</i> , 2017 , 9,	1.3	21
15	Possibilities of Using Low Quality Digital Elevation Models of Floodplains in Hydraulic Numerical Models. <i>Water (Switzerland)</i> , 2017 , 9, 283	3	20
14	Drought Risk Assessment in the Kopel River Basin. <i>Journal of Ecological Engineering</i> , 2017 , 18, 134-141	2	3
13	ANALYSIS OF SELECTED RESERVOIRS FUNCTIONING IN THE WIELKOPOLSKA REGION. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2017 , 4, 205-215	1.2	6
12	THE IMPACT OF THE KOWALSKIE RESERVOIR ON THE HYDROLOGICAL REGIME ALTERATION OF THE GŁYNA RIVER. <i>Journal of Ecological Engineering</i> , 2016 , 17, 91-98	2	3
11	TREND OF CHANGES IN PHYSICO-CHEMICAL STATE OF THE RIVER NER. <i>Journal of Ecological Engineering</i> , 2016 , 17, 27-34	2	2
10	THE EVALUATION OF NUTRIENTS CONCENTRATIONS VARIABILITY IN THE NER RIVER. <i>Inżynieria Ekologiczna</i> , 2016 , 31-37	2	2
9	Estimation of Polder Retention Capacity Based on ASTER, SRTM and LIDAR DEMs: The Case of Majdany Polder (West Poland). <i>Water (Switzerland)</i> , 2016 , 8, 230	3	20
8	Assessment of dam construction impact on hydrological regime changes in lowland river [A case of study: the Stare Miasto reservoir located on the Powa River. <i>Journal of Water and Land Development</i> , 2016 , 30, 119-125	1.4	7
7	The application of GIS and 3D graphic software to visual impact assessment of wind turbines. <i>Renewable Energy</i> , 2016 , 96, 625-635	8.1	35
6	Assessment of the Impact of New Investments on Flood Hazard- Study Case: The Bridge on the Warta River near Wronki. <i>Water (Switzerland)</i> , 2015 , 7, 5752-5767	3	6

5	Ecological quality classes of river hydromorphology in Poland. <i>Journal of Water and Land Development</i> , 2010 , 14,	1.4	2
4	Principles of hydromorphological surveys of Polish rivers. <i>Journal of Water and Land Development</i> , 2010 , 14,	1.4	3
3	Distribution of heavy metals in the Mał Wełła River system (western Poland). <i>Oceanological and Hydrobiological Studies</i> , 2009 , 38, 51-61	0.8	11
2	Application of multivariate statistical techniques to evaluation of water quality in the Mał Wełła River (Western Poland). <i>Environmental Monitoring and Assessment</i> , 2008 , 147, 159-70	3.1	43
1	Detection of lake shoreline active zones and water volume changes using digital lake bottom model and water level fluctuations. <i>Geocarto International</i> , 1-21	2.7	0