

# Mariusz Sojka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3090979/publications.pdf>

Version: 2024-02-01

68  
papers

903  
citations

471371

17  
h-index

552653

26  
g-index

69  
all docs

69  
docs citations

69  
times ranked

901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of multivariate statistical techniques to evaluation of water quality in the MaÅa WeÅna River (Western Poland). <i>Environmental Monitoring and Assessment</i> , 2008, 147, 159-170.	1.3	56
2	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.	1.2	55
3	Effect of Environmental Conditions and Morphometric Parameters on Surface Water Temperature in Polish Lakes. <i>Water (Switzerland)</i> , 2018, 10, 580.	1.2	54
4	The application of GIS and 3D graphic software to visual impact assessment of wind turbines. <i>Renewable Energy</i> , 2016, 96, 625-635.	4.3	49
5	Assessment of spatial distribution of sediment contamination with heavy metals in the two biggest rivers in Poland. <i>Catena</i> , 2022, 211, 105959.	2.2	38
6	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.	1.3	34
7	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.	0.8	32
8	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.	0.6	31
9	Ground volume assessment using Structure from Motion photogrammetry with a smartphone and a compact camera. <i>Open Geosciences</i> , 2017, 9, .	0.6	29
10	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.	0.6	28
11	Possibilities of Using Low Quality Digital Elevation Models of Floodplains in Hydraulic Numerical Models. <i>Water (Switzerland)</i> , 2017, 9, 283.	1.2	27
12	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.	1.2	24
13	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.	1.3	24
14	Sustainable Water Management in Agriculture – The Impact of Drainage Water Management on Groundwater Table Dynamics and Subsurface Outflow. <i>Sustainability</i> , 2019, 11, 4201.	1.6	23
15	Long-term water temperature trends of the Warta River in the years 1960–2009. <i>Ecology and Hydrobiology</i> , 2019, 19, 441-451.	1.0	22
16	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.	1.6	20
17	Hyplant-Derived Sun-Induced Fluorescence – A New Opportunity to Disentangle Complex Vegetation Signals from Diverse Vegetation Types. <i>Remote Sensing</i> , 2019, 11, 1691.	1.8	18
18	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.	2.3	18

#	ARTICLE	IF	CITATIONS
19	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.	1.0	18
20	Distribution of heavy metals in the MaÅa WeÅna River system (western Poland). <i>Oceanological and Hydrobiological Studies</i> , 2009, 38, 51-61.	0.3	17
21	Quantitative Landscape Assessment Using LiDAR and Rendered 360° Panoramic Images. <i>Remote Sensing</i> , 2020, 12, 386.	1.8	16
22	Effect of climate warming on a change in thermal and ice conditions in the largest lake in Poland â Lake Åniardwy. <i>Journal of Hydrology and Hydromechanics</i> , 2020, 68, 260-270.	0.7	16
23	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.	0.6	15
24	Assessing Spectral Indices for Detecting Vegetative Overgrowth of Reservoirs. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 4199-4211.	0.6	15
25	Warming Vistula River â 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.	0.7	14
26	The hydropower sector in Poland: Historical development and current status. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112150.	8.2	14
27	Modeling of River Channel Shading as a Factor for Changes in Hydromorphological Conditions of Small Lowland Rivers. <i>Water (Switzerland)</i> , 2020, 12, 527.	1.2	12
28	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.	1.0	11
29	The Variability of Lake Water Chemistry in the Bory Tucholskie National Park (Northern Poland). <i>Water (Switzerland)</i> , 2020, 12, 394.	1.2	11
30	The hydropower sector in Poland: Barriers and the outlook for the future. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 163, 112500.	8.2	11
31	Principles of hydromorphological surveys of Polish rivers. <i>Journal of Water and Land Development</i> , 2010, 14, .	0.9	10
32	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.	1.6	10
33	Least square support vector machine-based variational mode decomposition: a new hybrid model for daily river water temperature modeling. <i>Environmental Science and Pollution Research</i> , 2022, 29, 71555-71582.	2.7	10
34	Assessment of dam construction impact on hydrological regime changes in lowland river â 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.	0.9	9
35	ANALYSIS OF SELECTED RESERVOIRS FUNCTIONING IN THE WIELKOPOLSKA REGION. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2017, 4, 205-215.	0.2	9
36	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.	1.2	8

#	ARTICLE	IF	CITATIONS
37	The disappearance of ice cover on temperate lakes (Central Europe) as a result of climate warming. <i>Geographical Journal</i> , 2021, 187, 200-213.	1.6	8
38	CHANGES IN ICE REGIME OF JAGODNE LAKE (NORTH-EASTERN POLAND). <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2019, 18, 89-100.	0.2	8
39	APPLICATION OF SENTINEL-2 SATELLITE IMAGERY TO ASSESSMENT OF SPATIO-TEMPORAL CHANGES IN THE RESERVOIR OVERGROWTH PROCESS - A CASE STUDY: PRZEBĄDOWO, WEST POLAND. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 2019, 14, 39-50.	0.2	8
40	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.	1.2	7
41	Ecological quality classes of river hydromorphology in Poland. <i>Journal of Water and Land Development</i> , 2010, 14, .	0.9	6
42	THE IMPACT OF THE KOWALSKIE RESERVOIR ON THE HYDROLOGICAL REGIME ALTERATION OF THE GÅŃWNA RIVER. <i>Journal of Ecological Engineering</i> , 2016, 17, 91-98.	0.5	6
43	Changes in the Water Resources of Selected Lakes in Poland in the Period 1916â€”2020 as Information to Increase Their Availability. <i>Sustainability</i> , 2021, 13, 7298.	1.6	5
44	Concentration of Rare Earth Elements in surface water and bottom sediments in Lake WadÅŃg, Poland. <i>Journal of Elementology</i> , 2018, , .	0.0	5
45	Application of Multi-Criteria Analytic Methods in the Assessment of the Technical Conditions of Small Hydraulic Structures. <i>Buildings</i> , 2022, 12, 115.	1.4	5
46	Characteristics of daily water temperature fluctuations in lake kierskie (West Poland). <i>Quaestiones Geographicae</i> , 2019, 38, 41-49.	0.5	4
47	Drought Risk Assessment in the Kopel River Basin. <i>Journal of Ecological Engineering</i> , 2017, 18, 134-141.	0.5	3
48	THE EVALUATION OF NUTRIENTS CONCENTRATIONS VARIABILITY IN THE NER RIVER. <i>InÅ¼ynieria Ekologiczna</i> , 2016, , 31-37.	0.2	3
49	A hybrid model for the forecasting of sea surface water temperature using the information of air temperature: a case study of the Baltic Sea. <i>All Earth</i> , 2022, 34, 27-38.	0.8	3
50	Hydraulic Structures as a Key Component of Sustainable Water Management at the Catchment Scaleâ€”Case Study of the Rgilewka River (Central Poland). <i>Buildings</i> , 2022, 12, 675.	1.4	3
51	LiDAR based urban vegetation mapping as a basis of green infrastructure planning. <i>E3S Web of Conferences</i> , 2020, 171, 02008.	0.2	2
52	Different responses to climate change of the hydrological regime of Lake HaÅŃcza, the deepest lake in the Central European Plain. <i>Hydrological Sciences Journal</i> , 2021, 66, 1083-1095.	1.2	2
53	TREND OF CHANGES IN PHYSICOCHEMICAL STATE OF THE RIVER NER. <i>Journal of Ecological Engineering</i> , 2016, 17, 27-34.	0.5	2
54	Trace Elements in Surface Water and Bottom Sediments in the Hyporheic Zone of Lake WadÅŃg, Poland. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 2327-2337.	0.6	2

#	ARTICLE	IF	CITATIONS
55	ANALYSIS OF TRENDS CHANGES IN PHYSICOCHEMICAL STATE OF THE GÅ“WNA RIVER. InÅ“ynieria Ekologiczna, 2015, 44, 154-161.	0.2	2
56	ANALYSIS OF HEAVY METALS CONTAMINATION IN BOTTOM SEDIMENTS OF LAKES LOCATED IN THE GNEZNO LAKELAND. Acta Scientiarum Polonorum Formatio Circumiectus, 2019, 18, 137-149.	0.2	2
57	Application of 3D graphic software and GIS in visual impact assessment of high-voltage overhead transmission lines. E3S Web of Conferences, 2020, 171, 02010.	0.2	1
58	Assessment of vulnerability to degradation of the PrzebÅ™dowo reservoir. InÅ“ynieria Ekologiczna, 2017, 18, 118-125.	0.2	1
59	Analysis of the use of selected reservoirs in the Wielkopolska province. Annals of Warsaw University of Life Sciences, Land Reclamation, 2018, 50, 373-385.	0.2	1
60	APPLICATION OF REMOTE SENSING AND GIS TO WATER TRANSPARENCY ESTIMATION IN RESERVOIRS. Carpathian Journal of Earth and Environmental Sciences, 2019, 14, 353-366.	0.2	1
61	Trace Elements in Sediments of Rivers Affected by Brown Coal Mining: A Potential Environmental Hazard. Energies, 2022, 15, 2828.	1.6	1
62	Detection of lake shoreline active zones and water volume changes using digital lake bottom model and water level fluctuations. Geocarto International, 0, , 1-21.	1.7	1
63	Visual impact assessment of river regulation structures. E3S Web of Conferences, 2020, 171, 02015.	0.2	0
64	SIMULATION OF SEDIMENT TRANSPORT IN THE JEZIORO KOWALSKIE RESERVOIR LOCATED IN THE GLOWNA RIVER. InÅ“ynieria Ekologiczna, 2015, 43, 131-138.	0.2	0
65	WYZNACZENIE PRZEPÅ“WU BRZEGOWEGO NA WYBRANYM ODCINKU RZEKI POWY. Acta Scientiarum Polonorum Formatio Circumiectus, 2016, 15, 383-394.	0.2	0
66	CHANGES IN PROSNA WATER LEVELS (BOGUSÅ“AW PROFILE) IN 1973-2017. Zeszyty Naukowe Uniwersytetu ZielonogÅ“skiego / inÅ“ynieria Åšrodowiska, 2018, 171, 47-59.	0.0	0
67	ANALYSIS OF DEGRADATION PROCESSES IN RESERVOIRS BASED ON REMOTE SENSING DATA. Acta Scientiarum Polonorum Formatio Circumiectus, 2019, 2, 23-37.	0.2	0
68	ANALYSIS OF DEGRADATION PROCESSES IN RESERVOIRS BASED ON REMOTE SENSING DATA. Acta Scientiarum Polonorum Formatio Circumiectus, 2019, 2, 23-37.	0.2	0