

# Mariusz Sojka

## 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.

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 | Application of multivariate statistical techniques to evaluation of water quality in the Mał Wełła River (Western Poland). <i>Environmental Monitoring and Assessment</i> , <b>2008</b> , 147, 159-70   | 3.1 | 43        |
| 57 | Effect of Environmental Conditions and Morphometric Parameters on Surface Water Temperature in Polish Lakes. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 580   | 3   | 39        |
| 56 | Heavy Metals in Bottom Sediments of Reservoirs in the Lowland Area of Western Poland: Concentrations, Distribution, Sources and Ecological Risk. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 56  | 3   | 35        |
| 55 | The application of GIS and 3D graphic software to visual impact assessment of wind turbines. <i>Renewable Energy</i> , <b>2016</b> , 96, 625-635  | 8.1 | 35        |
| 54 | 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> , <b>2017</b> , 189, 364 | 3.1 | 24        |
| 53 | Ground volume assessment using Structure from Motion photogrammetry with a smartphone and a compact camera. <i>Open Geosciences</i> , <b>2017</b> , 9,  | 1.3 | 21        |
| 52 | Possibilities of Using Low Quality Digital Elevation Models of Floodplains in Hydraulic Numerical Models. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 283   | 3   | 20        |
| 51 | Estimation of Polder Retention Capacity Based on ASTER, SRTM and LIDAR DEMs: The Case of Majdany Polder (West Poland). <i>Water (Switzerland)</i> , <b>2016</b> , 8, 230  | 3   | 20        |
| 50 | Heavy Metal Transport in a River-Reservoir System: a Case Study from Central Poland. <i>Polish Journal of Environmental Studies</i> , <b>2018</b> , 27, 1725-1734   | 2.3 | 17        |
| 49 | Applying a Modified DRASTIC Model to Assess Groundwater Vulnerability to Pollution: A Case Study in Central Poland. <i>Polish Journal of Environmental Studies</i> , <b>2019</b> , 28, 1223-1231  | 2.3 | 17        |
| 48 | Sustainable Water Management in Agriculture: The Impact of Drainage Water Management on Groundwater Table Dynamics and Subsurface Outflow. <i>Sustainability</i> , <b>2019</b> , 11, 4201   | 3.6 | 15        |
| 47 | Long-term water temperature trends of the Warta River in the years 1960-2009. <i>Ecohydrology and Hydrobiology</i> , <b>2019</b> , 19, 441-451  | 2.8 | 14        |
| 46 | Hyplant-Derived Sun-Induced Fluorescence: A New Opportunity to Disentangle Complex Vegetation Signals from Diverse Vegetation Types. <i>Remote Sensing</i> , <b>2019</b> , 11, 1691   | 5   | 14        |
| 45 | 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> , <b>2020</b> , 10, 625                          | 3.6 | 12        |
| 44 | 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> , <b>2021</b> , 11, 327                  | 2.4 | 12        |
| 43 | Distribution of heavy metals in the Mał Wełła River system (western Poland). <i>Oceanological and Hydrobiological Studies</i> , <b>2009</b> , 38, 51-61   | 0.8 | 11        |
| 42 | The increasing of maximum lake water temperature in lowland lakes of central Europe: case study of the Polish Lakeland. <i>Annales De Limnologie</i> , <b>2019</b> , 55, 6  | 0.7 | 10        |

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| 41 | Quantitative Landscape Assessment Using LiDAR and Rendered 360° Panoramic Images. <i>Remote Sensing</i> , <b>2020</b> , 12, 386  | 5   | 10 |
| 40 | 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> , <b>2020</b> , 68, 260-270   | 2.1 | 9  |
| 39 | Assessing Spectral Indices for Detecting Vegetative Overgrowth of Reservoirs. <i>Polish Journal of Environmental Studies</i> , <b>2019</b> , 28, 4199-4211   | 2.3 | 8  |
| 38 | Assessment of spatial distribution of sediment contamination with heavy metals in the two biggest rivers in Poland. <i>Catena</i> , <b>2022</b> , 211, 105959  | 5.8 | 8  |
| 37 | APPLICATION OF SENTINEL-2 SATELLITE IMAGERY TO ASSESSMENT OF SPATIO-TEMPORAL CHANGES IN THE RESERVOIR OVERGROWTH PROCESS - A CASE STUDY: PRZEBDOWO, WEST POLAND. <i>Carpathian Journal of Earth and Environmental Sciences</i> , <b>2019</b> , 14, 39-50 | 2.1 | 8  |
| 36 | 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> , <b>2021</b> , 34, 100780   | 3.6 | 7  |
| 35 | 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> , <b>2016</b> , 30, 119-125                  | 1.4 | 7  |
| 34 | Modeling of River Channel Shading as a Factor for Changes in Hydromorphological Conditions of Small Lowland Rivers. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 527   | 3   | 6  |
| 33 | Assessment of the Impact of New Investments on Flood Hazard- Study Case: The Bridge on the Warta River near Wronki. <i>Water (Switzerland)</i> , <b>2015</b> , 7, 5752-5767  | 3   | 6  |
| 32 | ANALYSIS OF SELECTED RESERVOIRS FUNCTIONING IN THE WIELKOPOLSKA REGION. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , <b>2017</b> , 4, 205-215   | 1.2 | 6  |
| 31 | 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> , <b>2019</b> , 67, 661-676  | 2.2 | 6  |
| 30 | 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> , <b>2018</b> , 10, 753                                    | 3   | 5  |
| 29 | CHANGES IN ICE REGIME OF JAGODNE LAKE (NORTH-EASTERN POLAND). <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , <b>2019</b> , 18, 89-100   | 1.2 | 5  |
| 28 | Concentration of Rare Earth Elements in surface water and bottom sediments in Lake Wadąg, Poland. <i>Journal of Elementology</i> , <b>2018</b> ,   | 1.3 | 5  |
| 27 | 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> , <b>2021</b> , 597, 125724  | 6   | 5  |
| 26 | 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> , <b>2021</b> , 11, 244  | 4.9 | 5  |
| 25 | The Variability of Lake Water Chemistry in the Bory Tucholskie National Park (Northern Poland). <i>Water (Switzerland)</i> , <b>2020</b> , 12, 394   | 3   | 4  |
| 24 | 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> , <b>2022</b> , 15, 439                       | 3.1 | 4  |

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| 23 | THE IMPACT OF THE KOWALSKIE RESERVOIR ON THE HYDROLOGICAL REGIME ALTERATION OF THE GWNA RIVER. <i>Journal of Ecological Engineering</i> , <b>2016</b> , 17, 91-98  | 2    | 3 |
| 22 | Drought Risk Assessment in the Kopel River Basin. <i>Journal of Ecological Engineering</i> , <b>2017</b> , 18, 134-141   | 2    | 3 |
| 21 | Tendenzen der Veränderungen der Wassertemperatur von Seen in Nord-Ost-Polen. <i>Wasserwirtschaft</i> , <b>2020</b> , 110, 41-45  | 0.3  | 3 |
| 20 | Principles of hydromorphological surveys of Polish rivers. <i>Journal of Water and Land Development</i> , <b>2010</b> , 14,  | 1.4  | 3 |
| 19 | Ecological quality classes of river hydromorphology in Poland. <i>Journal of Water and Land Development</i> , <b>2010</b> , 14,  | 1.4  | 2 |
| 18 | Application of Multi-Criteria Analytic Methods in the Assessment of the Technical Conditions of Small Hydraulic Structures. <i>Buildings</i> , <b>2022</b> , 12, 115                                     | 3.2  | 2 |
| 17 | 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> , <b>2022</b> , 70, 1-11 | 2.1  | 2 |
| 16 | TREND OF CHANGES IN PHYSICOCHEMICAL STATE OF THE RIVER NER. <i>Journal of Ecological Engineering</i> , <b>2016</b> , 17, 27-34   | 2    | 2 |
| 15 | THE EVALUATION OF NUTRIENTS CONCENTRATIONS VARIABILITY IN THE NER RIVER. <i>Inżynieria Ekologiczna</i> , <b>2016</b> , 31-37   | 2    | 2 |
| 14 | Trace Elements in Surface Water and Bottom Sediments in the Hyporheic Zone of Lake Wadąg, Poland. <i>Polish Journal of Environmental Studies</i> , <b>2020</b> , 29, 2327-2337                           | 2.3  | 2 |
| 13 | LiDAR based urban vegetation mapping as a basis of green infrastructure planning. <i>E3S Web of Conferences</i> , <b>2020</b> , 171, 02008   | 0.5  | 2 |
| 12 | Changes in the Water Resources of Selected Lakes in Poland in the Period 1916–2020 as Information to Increase Their Availability. <i>Sustainability</i> , <b>2021</b> , 13, 7298                         | 3.6  | 2 |
| 11 | The hydropower sector in Poland: Barriers and the outlook for the future. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 163, 112500  | 16.2 | 2 |
| 10 | The hydropower sector in Poland: Historical development and current status. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 158, 112150  | 16.2 | 1 |
| 9  | Characteristics of daily water temperature fluctuations in lake kierskie (West Poland). <i>Quaestiones Geographicae</i> , <b>2019</b> , 38, 41-49  | 1.2  | 1 |
| 8  | The disappearance of ice cover on temperate lakes (Central Europe) as a result of climate warming. <i>Geographical Journal</i> , <b>2021</b> , 187, 200-213  | 2.2  | 1 |
| 7  | 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> , <b>2022</b> , 12, 675             | 3.2  | 1 |
| 6  | Application of 3D graphic software and GIS in visual impact assessment of high-voltage overhead transmission lines. <i>E3S Web of Conferences</i> , <b>2020</b> , 171, 02010                             | 0.5  | 0 |

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|---|--|-----|---|
| 5 | 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> , <b>2021</b> , 66, 1083-1095 | 3.5 | 0 |
| 4 | 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 |
| 3 | CHANGES IN PROSNA WATER LEVELS (BOGUSŁAW PROFILE) IN 1973-2017. <i>Zeszyty Naukowe Uniwersytetu Zielonogórskiego / inżynieria Wodowiska</i> , <b>2018</b> , 171, 47-59                             |     |   |
| 2 | Visual impact assessment of river regulation structures. <i>E3S Web of Conferences</i> , <b>2020</b> , 171, 02015  | 0.5 |   |
| 1 | Trace Elements in Sediments of Rivers Affected by Brown Coal Mining: A Potential Environmental Hazard. <i>Energies</i> , <b>2022</b> , 15, 2828  | 3.1 |   |