# Renata Gruca-Rokosz

List of Publications by Year
in descending order



| 23 | 229 | 1040056 9 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 266 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Significance of organic matter in the process of aggregation of suspended sediments in retention reservoirs. Science of the Total Environment, 2022, 815, 152850. | 8.0 | 8 |
| 2 | Sediment methane production within eutrophic reservoirs: The importance of sedimenting organic matter. Science of the Total Environment, 2021, 799, 149219. | 8.0 | 8 |
| 3 | Characteristics and origin of suspended matter in a small reservoir in Poland. Ecohydrology and Hydrobiology, 2020, 20, 73-82. | 2.3 | 9 |
| 4 | Isotopic evidence for vertical diversification of methane production pathways in freshwater sediments of Nielisz reservoir (Poland). Catena, 2020, 195, 104803. | 5.0 | 14 |
| 5 | Anaerobic Oxidation of Methane in Freshwater Sediments of RzeszÃ³w Reservoir. Water (Switzerland), 2020, 12, 398. | 2.7 | 8 |
| 6 | Quantitative Fluxes of the Greenhouse Gases CH4 and CO2 from the Surfaces of Selected Polish Reservoirs. Atmosphere, 2020, 11, 286. | 2.3 | 9 |
| 7 | The Connection between a Suspended Sediments and Reservoir Siltation: Empirical Analysis in the Maziarnia Reservoir, Poland. Resources, 2020, 9, 30. | 3.5 | 5 |
| 8 | Effectiveness Assessment of a New System of Sediment Trap in the Investigation of Matter Sedimentation in a Reservoirâ€”A Case Study. Hydrology, 2019, 6, 48. | 3.0 | 4 |
| 9 | Denitrification-Dependent Anaerobic Oxidation of Methane in Freshwater Sediments of Reservoirs in SE Poland. Journal of Ecological Engineering, 2019, 20, 218-227. | 1.1 | 4 |
| 10 | Black Carbon Content and Distribution in Surface Sediments From Temperate-zone Reservoirs (Poland). Environmental Problems, 2019, 4, 6-13. | 0.2 | 0 |
| 11 | An isotopic model for the origin of autochthonous organic matter contained in the bottom sediments of a reservoir. International Journal of Sediment Research, 2018, 33, 285-293. | 3.5 | 15 |
| 12 | Production pathways for CH4 and CO2 in sediments of two freshwater ecosystems in south-eastern Poland. PLoS ONE, 2018, 13, e0199755. | 2.5 | 17 |
| 13 | Spatial Diversity Characterising Certain Chemical Substances in Sediments of Besko Reservoir. Journal of Ecological Engineering, 2018, 19, 104-112. | 1.1 | 4 |
| 14 | Diffusive Fluxes of CH4 and CO2 at the Sediment-Overlying Water Interface in Reservoir Ecosystems. Journal of Ecological Engineering, 2018, 19, 158-164. | 1.1 | 5 |
| 15 | A Preliminary Study Into the Possibility of Î´13C Being Used as a Sensitive Indicator of the Trophic and Hydrobiological Status of Aquatic Ecosystems. Journal of Ecological Engineering, 2018, 19, 191-198. | 1.1 | 13 |
| 16 | The influence of environmental factors on the carbon dioxide flux across the waterâ€“air interface of reservoirs in south-eastern Poland. Journal of Environmental Sciences, 2017, 56, 290-299. | 6.1 | 21 |
| 17 | Methane and Carbon Dioxide in the Sediment of a Eutrophic Reservoir: Production Pathways and Diffusion Fluxes at the Sedimentâ€“Water Interface. Water, Air, and Soil Pollution, 2015, 226, 16. | 2.4 | 43 |
| 18 | Determination of nitrate isotopic signature in waters of different sources by analysing the nitrogen and oxygen isotopic ratio. Environmental Sciences: Processes and Impacts, 2013, 15, 751. | 3.5 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Methane and carbon dioxide emission from some reservoirs in SE Poland. Limnological Review, 2010, 10, 15-21. | 0.5 | 6 |
| 20 | The distribution and isotopic composition of carbon and nitrogen as indicators of organic-matter fluxes in the Solina Reservoir (south-east Poland). Marine and Freshwater Research, 2009, 60, 647. | 1.3 | 3 |
| 21 | Denitrification in the sediment of a eutrophic reservoir measured with the isotope pairing technique. Oceanological and Hydrobiological Studies, 2009, 38, 75-81. | 0.7 | 4 |
| 22 | Carbon and nitrogen and their elemental and isotopic ratios in the bottom sediment of the Solina-Myczkowce complex of reservoirs. Oceanological and Hydrobiological Studies, 2008, 37, 71-78. | 0.7 | 7 |
| 23 | The significance of denitrification in relation to external loading and nitrogen retention in a mountain reservoir. Marine and Freshwater Research, 2007, 58, 818. | 1.3 | 14 |