

Renata Gruca-Rokosz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1543651/publications.pdf>

Version: 2024-02-01

23
papers

229
citations

1040056

9
h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane and Carbon Dioxide in the Sediment of a Eutrophic Reservoir: Production Pathways and Diffusion Fluxes at the Sediment-Water Interface. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 16.	2.4	43
2	The influence of environmental factors on the carbon dioxide flux across the water-air interface of reservoirs in south-eastern Poland. <i>Journal of Environmental Sciences</i> , 2017, 56, 290-299.	6.1	21
3	Production pathways for CH ₄ and CO ₂ in sediments of two freshwater ecosystems in south-eastern Poland. <i>PLoS ONE</i> , 2018, 13, e0199755.	2.5	17
4	An isotopic model for the origin of autochthonous organic matter contained in the bottom sediments of a reservoir. <i>International Journal of Sediment Research</i> , 2018, 33, 285-293.	3.5	15
5	Isotopic evidence for vertical diversification of methane production pathways in freshwater sediments of Nielisz reservoir (Poland). <i>Catena</i> , 2020, 195, 104803.	5.0	14
6	The significance of denitrification in relation to external loading and nitrogen retention in a mountain reservoir. <i>Marine and Freshwater Research</i> , 2007, 58, 818.	1.3	14
7	A Preliminary Study Into the Possibility of $\delta^{13}C$ Being Used as a Sensitive Indicator of the Trophic and Hydrobiological Status of Aquatic Ecosystems. <i>Journal of Ecological Engineering</i> , 2018, 19, 191-198.	1.1	13
8	Characteristics and origin of suspended matter in a small reservoir in Poland. <i>Ecohydrology and Hydrobiology</i> , 2020, 20, 73-82.	2.3	9
9	Quantitative Fluxes of the Greenhouse Gases CH ₄ and CO ₂ from the Surfaces of Selected Polish Reservoirs. <i>Atmosphere</i> , 2020, 11, 286.	2.3	9
10	Determination of nitrate isotopic signature in waters of different sources by analysing the nitrogen and oxygen isotopic ratio. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 751.	3.5	8
11	Anaerobic Oxidation of Methane in Freshwater Sediments of Rzeszów Reservoir. <i>Water (Switzerland)</i> , 2020, 12, 398.	2.7	8
12	Sediment methane production within eutrophic reservoirs: The importance of sedimenting organic matter. <i>Science of the Total Environment</i> , 2021, 799, 149219.	8.0	8
13	Significance of organic matter in the process of aggregation of suspended sediments in retention reservoirs. <i>Science of the Total Environment</i> , 2022, 815, 152850.	8.0	8
14	Carbon and nitrogen and their elemental and isotopic ratios in the bottom sediment of the Solina-Myczkowce complex of reservoirs. <i>Oceanological and Hydrobiological Studies</i> , 2008, 37, 71-78.	0.7	7
15	Methane and carbon dioxide emission from some reservoirs in SE Poland. <i>Limnological Review</i> , 2010, 10, 15-21.	0.5	6
16	The Connection between a Suspended Sediments and Reservoir Siltation: Empirical Analysis in the Maziarnia Reservoir, Poland. <i>Resources</i> , 2020, 9, 30.	3.5	5
17	Diffusive Fluxes of CH ₄ and CO ₂ at the Sediment-Overlying Water Interface in Reservoir Ecosystems. <i>Journal of Ecological Engineering</i> , 2018, 19, 158-164.	1.1	5
18	Effectiveness Assessment of a New System of Sediment Trap in the Investigation of Matter Sedimentation in a Reservoir-A Case Study. <i>Hydrology</i> , 2019, 6, 48.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Denitrification-Dependent Anaerobic Oxidation of Methane in Freshwater Sediments of Reservoirs in SE Poland. <i>Journal of Ecological Engineering</i> , 2019, 20, 218-227.	1.1	4
20	Spatial Diversity Characterising Certain Chemical Substances in Sediments of Besko Reservoir. <i>Journal of Ecological Engineering</i> , 2018, 19, 104-112.	1.1	4
21	Denitrification in the sediment of a eutrophic reservoir measured with the isotope pairing technique. <i>Oceanological and Hydrobiological Studies</i> , 2009, 38, 75-81.	0.7	4
22	The distribution and isotopic composition of carbon and nitrogen as indicators of organic-matter fluxes in the Solina Reservoir (south-east Poland). <i>Marine and Freshwater Research</i> , 2009, 60, 647.	1.3	3
23	Black Carbon Content and Distribution in Surface Sediments From Temperate-zone Reservoirs (Poland). <i>Environmental Problems</i> , 2019, 4, 6-13.	0.2	0