

# Catalina Iticescu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

293  
citations

1039880

9  
h-index

887953

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lower Danube Water Quality Quantified through WQI and Multivariate Analysis. Water (Switzerland), 2019, 11, 1305.	1.2	51
2	Assessment of Heavy Metal Pollution Levels in Sediments and of Ecological Risk by Quality Indices, Applying a Case Study: The Lower Danube River, Romania. Water (Switzerland), 2021, 13, 1801.	1.2	35
3	Testing Different Interpolation Methods Based on Single Beam Echosounder River Surveying. Case Study: Siret River. ISPRS International Journal of Geo-Information, 2019, 8, 507.	1.4	34
4	A Comparative Approach to a Series of Physico-Chemical Quality Indices Used in Assessing Water Quality in the Lower Danube. Water (Switzerland), 2020, 12, 3239.	1.2	31
5	Conceptualizing Core Aspects on Circular Economy in Cities. Sustainability, 2021, 13, 7549.	1.6	31
6	Optimal Solutions for the Use of Sewage Sludge on Agricultural Lands. Water (Switzerland), 2021, 13, 585.	1.2	24
7	The characteristics of sewage sludge used on agricultural lands. AIP Conference Proceedings, 2018, , .	0.3	15
8	Development of Flood Risk and Hazard Maps for the Lower Course of the Siret River, Romania. Sustainability, 2020, 12, 6588.	1.6	14
9	Multisensory System Used for the Analysis of the Water in the Lower Area of River Danube. Nanomaterials, 2019, 9, 891.	1.9	12
10	Various methods for calculating the water quality index. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2018, 41, 171-178.	0.1	10
11	The assessment of the annual effective dose due to ingestion of radionuclides from drinking water consumption: calculation methods. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 49-58.	0.7	7
12	Assessment of Water Quality State Dynamics Using Adaptive Filtering Methods and Neural Networks Approaching. Case study - Danube River in Galati area. Revista De Chimie (discontinued), 2019, 70, 1914-1919.	0.2	6
13	METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE. Environmental Engineering and Management Journal, 2015, 14, 2457-2463.	0.2	5
14	Integrated Assessment of Surface Water Quality in Danube River Chilia Branch. Applied Sciences (Switzerland), 2021, 11, 9172.	1.3	4
15	Shallow Water Waves and Conservation Laws with Dispersion Triplet. Applied Sciences (Switzerland), 2022, 12, 3647.	1.3	4
16	Gross alpha, gross beta and radionuclides ( <sup>210</sup> Po, <sup>210</sup> Pb, <sup>238</sup> U, <sup>232</sup> Th, <sup>226</sup> Ra and <sup>40</sup> K) exposure assessment due to meat consumption. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 991-1000.	0.7	3
17	Evaluation of Different Simulation Methods for Analyzing Flood Scenarios in the Danube Delta. Applied Sciences (Switzerland), 2020, 10, 8327.	1.3	2
18	IMPLEMENTING EUROPEAN WATER FRAMEWORK DIRECTIVE: UNCERTAINTY DEGREE OF METRICS FOR MACROINVERTEBRATES IN TRANSITIONAL WATERS. Environmental Engineering and Management Journal, 2010, 9, 1259-1266.	0.2	2

#	ARTICLE	IF	CITATIONS
19	OPTIMIZATION OF URBAN SELECTIVE WASTE COLLECTION ACTIVITY: GALATI CITY CASE STUDY. Environmental Engineering and Management Journal, 2015, 14, 2471-2492.	0.2	2
20	ABIOTIC FILTERING OF BENTHIC INVERTEBRATE GUILDS IN THE MARGHERITA DI SAVOIA SALT PAN, ITALY. Environmental Engineering and Management Journal, 2012, 11, 717-722.	0.2	1
21	"A review of bathymetric measurements from August 2018 campaign on the lower course of the Danube ". Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2018, 41, 212-219.	0.1	0
22	Assessment of chemical parameters in the lower Danube. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2018, 41, 196-203.	0.1	0
23	Review on water quality assessment in the Danube river basin. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2018, 41, 189-195.	0.1	0
24	"Overview of NO2 pollution level in the lower Danube basin during DANS measurements campaign ". Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2018, 41, 163-170.	0.1	0
25	The role of river channel roughness for water level modeling during the 2005 year flood on Siret river using HEC-RAS model. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2019, 42, 68-76.	0.1	0
26	Use of GIS technology in flood risk analysis. Case study Mila 23 locality from the Danube Delta. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2019, 42, 77-84.	0.1	0
27	Impact of selecting different reference spectra on errors in doas analysis. Annals of the "Dunarea De Jos" University of Galati Fascicle II Mathematics Physics Theoretical Mechanics, 2019, 42, 109-116.	0.1	0