

Lidia Dzierzbicka-Glowacka

List of Publications by Year in descending order

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42
papers

541
citations

687363

13
h-index

752698

20
g-index

56
all docs

56
docs citations

56
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Legacy and emerging pollutants in the Gulf of Gdańsk (southern Baltic Sea) – loads and distribution revisited. <i>Marine Pollution Bulletin</i> , 2019, 139, 238-255.	5.0	33
2	Particulate organic carbon in the southern Baltic Sea: numerical simulations and experimental data. <i>Oceanologia</i> , 2010, 52, 621-648.	2.2	30
3	Growth and development of copepodite stages of <i>Pseudocalanus</i> spp.. <i>Journal of Plankton Research</i> , 2004, 26, 49-60.	1.8	23
4	Population modelling of <i>Acartia</i> spp. in a water column ecosystem model for the South-Eastern Baltic Sea. <i>Biogeosciences</i> , 2010, 7, 2247-2259.	3.3	20
5	A numerical investigation of phytoplankton and <i>Pseudocalanus elongatus</i> dynamics in the spring bloom time in the Gdańsk Gulf. <i>Journal of Marine Systems</i> , 2005, 53, 19-36.	2.1	17
6	Seasonal dynamics of <i>Pseudocalanus minutus elongatus</i> and <i>Acartia</i> spp. in the southern Baltic Sea (Gdańsk Deep) – numerical simulations. <i>Biogeosciences</i> , 2006, 3, 635-650.	3.3	15
7	Evaluation of the Influence of Farming Practices and Land Use on Groundwater Resources in a Coastal Multi-Aquifer System in Puck Region (Northern Poland). <i>Water (Switzerland)</i> , 2020, 12, 1042.	2.7	15
8	Significance of nutrient fluxes via submarine groundwater discharge in the Bay of Puck, southern Baltic Sea. <i>Oceanologia</i> , 2020, 62, 117-125.	2.2	15
9	A New Approach for Investigating the Impact of Pesticides and Nutrient Flux from Agricultural Holdings and Land-Use Structures on Baltic Sea Coastal Waters. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2531-2539.	1.2	14
10	Seasonal contributions of nutrients from small urban and agricultural watersheds in northern Poland. <i>PeerJ</i> , 2020, 8, e8381.	2.0	14
11	Influence of environmental factors on the population dynamics of key zooplankton species in the Gulf of Gdańsk (southern Baltic Sea). <i>Oceanologia</i> , 2019, 61, 17-25.	2.2	13
12	Hydrogeochemistry and magnitude of SGD in the Bay of Puck, southern Baltic Sea. <i>Oceanologia</i> , 2020, 62, 1-11.	2.2	11
13	Parameterisation of a population model for <i>Acartia</i> spp. in the southern Baltic Sea. Part 1. Development time. <i>Oceanologia</i> , 2009, 51, 165-184.	2.2	11
14	The impact of pesticides used at the agricultural land of the Puck commune on the environment of the Puck Bay. <i>PeerJ</i> , 2020, 8, e8789.	2.0	11
15	Assimilation of the satellite SST data in the 3D CEMBS model. <i>Oceanologia</i> , 2015, 57, 17-24.	2.2	10
16	Impact of agricultural farms on the environment of the Puck Commune: Integrated agriculture calculator – CalcGosPuck. <i>PeerJ</i> , 2019, 7, e6478.	2.0	10
17	Estimation of nitrogen leaching load from agricultural fields in the Puck Commune with an interactive calculator. <i>PeerJ</i> , 2020, 8, e8899.	2.0	9
18	High-Resolution Ecosystem Model of the Puck Bay (Southern Baltic Sea) – Hydrodynamic Component Evaluation. <i>Water (Switzerland)</i> , 2019, 11, 2057.	2.7	8

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19	Spatiotemporal distribution of copepod populations in the Gulf of Gdansk (southern Baltic Sea). <i>Journal of Oceanography</i> , 2012, 68, 887-904.	1.7	7
20	Integrated information and prediction Web Service WaterPUCK General concept. MATEC Web of Conferences, 2018, 210, 02011.	0.2	7
21	Towards a multi-basin SWAT model for the migration of nutrients and pesticides to Puck Bay (Southern Baltic Sea). <i>PeerJ</i> , 2021, 9, e10938.	2.0	7
22	Parameterisation of a population model for <i>Acartia</i> spp. in the southern Baltic Sea. Part 2. Egg production. <i>Oceanologia</i> , 2009, 51, 185-201.	2.2	7
23	Population dynamics of <i>Pseudocalanus minutus elongatus</i> in the Gulf of Gdansk (southern Baltic Sea) – experimental and numerical results. <i>Journal of Natural History</i> , 2013, 47, 715-738.	0.5	6
24	Dissolved oxygen variability in the southern Baltic Sea in 2013–2018. <i>Oceanologia</i> , 2020, 62, 525-537.	2.2	6
25	The Use of Satellite Data to Determine the Changes of Hydrodynamic Parameters in the Gulf of Gdansk via EcoFish Model. <i>Remote Sensing</i> , 2021, 13, 3572.	4.0	6
26	Seasonal variability in the population dynamics of the main mesozooplankton species in the Gulf of Gdansk (southern Baltic Sea): Production and mortality rates. <i>Oceanologia</i> , 2015, 57, 78-85.	2.2	5
27	Study on Different Fractions of Organic Molecules in the Baltic Sea Surface Microlayer by Spectrophoto- and Spectrofluorimetric Methods. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	5
28	Risk of phosphorus losses in surface runoff from agricultural land in the Baltic Commune of Puck in the light of assessment performed on the basis of DPS indicator. <i>PeerJ</i> , 2020, 8, e8396.	2.0	5
29	The Use of Satellite Data in the Operational 3D Coupled Ecosystem Model of the Baltic Sea (3D Cembs). <i>Polish Maritime Research</i> , 2016, 23, 20-24.	1.9	4
30	A New Method for Thermocline and Halocline Depth Determination at Shallow Seas. <i>Journal of Physical Oceanography</i> , 2022, 52, 2205-2218.	1.7	4
31	The Automatic Monitoring System for 3D-CEMBSv2 in the Operational Version. <i>Journal of Environmental Science and Engineering Technology</i> , 2013, 1, 1-9.	0.1	3
32	Modelling the impact of the agricultural holdings and land-use structure on the quality of inland and coastal waters with an innovative and interdisciplinary toolkit. <i>Agricultural Water Management</i> , 2022, 263, 107438.	5.6	3
33	Modeling of egg production by <i>Temora longicornis</i> from the southern Baltic Sea including salinity. <i>Oceanological and Hydrobiological Studies</i> , 2013, 42, 277-288.	0.7	2
34	Operational system for automatic coastal upwelling detection in the Baltic Sea based on the 3D CEMBS model. <i>Journal of Operational Oceanography</i> , 2019, 12, 104-115.	1.2	2
35	Numerical Simulations of Sea Ice Conditions in the Baltic Sea for 2010–2016 Winters Using the 3D CEMBS Model. <i>Polish Maritime Research</i> , 2018, 25, 35-43.	1.9	2
36	Seasonal changes in the abundance and biomass of copepods in the south-eastern Baltic Sea in 2010 and 2011. <i>PeerJ</i> , 2018, 6, e5562.	2.0	2

#	ARTICLE	IF	CITATIONS
37	A new marine ecosystem 3D CEMBS model (version 2) for the Baltic Sea. , 2012, , .		1
38	Population dynamics of the main copepod species in the Gulf of Gdańsk (the southern Baltic Sea): abundance, biomass and production rates. Oceanological and Hydrobiological Studies, 2016, 45, 159-171.	0.7	1
39	Accuracy assessment of temperature and salinity computed by the 3D Coupled Ecosystem Model of the Baltic Sea (3D CEMBS) in the Southern Baltic. Journal of Operational Oceanography, 2016, 9, 67-73.	1.2	1
40	The Interannual Changes in the Secondary Production and Mortality Rate of Main Copepod Species in the Gulf of Gdańsk (The Southern Baltic Sea). Applied Sciences (Switzerland), 2019, 9, 2039.	2.5	1
41	Assessing the Impact of Chemical Loads from Agriculture Holdings on the Puck Bay Environment with the High-Resolution Ecosystem Model of the Puck Bay, Southern Baltic Sea. Water (Switzerland), 2020, 12, 2068.	2.7	1
42	Structure of the FindFish Knowledge Transfer Platform. Archives of Polish Fisheries, 2018, 26, 193-197.	0.6	1