Lidia Dzierzbicka-Glowacka

List of Publications by Year
in descending order

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	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. Agricultural Water Management, 2022, 263, 107438.	5.6	3
2	A New Method for Thermocline and Halocline Depth Determination at Shallow Seas. Journal of Physical Oceanography, 2022, 52, 2205-2218.	1.7	4
3	Towards a multi-basin SWAT model for the migration of nutrients and pesticides to Puck Bay (Southern Baltic Sea). PeerJ, 2021, 9, e10938.	2.0	7
4	The Use of Satellite Data to Determine the Changes of Hydrodynamic Parameters in the Gulf of GdaÅ„sk via EcoFish Model. Remote Sensing, 2021, 13, 3572.	4.0	6
5	Hydrogeochemistry and magnitude of SGD in the Bay of Puck, southern Baltic Sea. Oceanologia, 2020, 62, 1-11.	2.2	11
6	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
7	Dissolved oxygen variability in the southern Baltic Sea in 2013â€“2018. Oceanologia, 2020, 62, 525-537.	2.2	6
8	Evaluation of the Influence of Farming Practices and Land Use on Groundwater Resources in a Coastal Multi-Aquifer System in Puck Region (Northern Poland). Water (Switzerland), 2020, 12, 1042.	2.7	15
9	Significance of nutrient fluxes via submarine groundwater discharge in the Bay of Puck, southern Baltic Sea. Oceanologia, 2020, 62, 117-125.	2.2	15
10	Seasonal contributions of nutrients from small urban and agricultural watersheds in northern Poland. PeerJ, 2020, 8, e8381.	2.0	14
11	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. PeerJ, 2020, 8, e8396.	2.0	5
12	The impact of pesticides used at the agricultural land of the Puck commune on the environment of the Puck Bay. PeerJ, 2020, 8, e8789.	2.0	11
13	Estimation of nitrogen leaching load from agricultural fields in the Puck Commune with an interactive calculator. PeerJ, 2020, 8, e8899.	2.0	9
14	Influence of environmental factors on the population dynamics of key zooplankton species in the Gulf of GdaÅ„sk (southern Baltic Sea). Oceanologia, 2019, 61, 17-25.	2.2	13
15	High-Resolution Ecosystem Model of the Puck Bay (Southern Baltic Sea)â€”Hydrodynamic Component Evaluation. Water (Switzerland), 2019, 11, 2057.	2.7	8
16	The Interannual Changes in the Secondary Production and Mortality Rate of Main Copepod Species in the Gulf of GdaÅ„sk (The Southern Baltic Sea). Applied Sciences (Switzerland), 2019, 9, 2039.	2.5	1
17	Operational system for automatic coastal upwelling detection in the Baltic Sea based on the 3D CEMBS model. Journal of Operational Oceanography, 2019, 12, 104-115.	1.2	2
18	Legacy and emerging pollutants in the Gulf of GdaÅ„sk (southern Baltic Sea) â€“ loads and distribution revisited. Marine Pollution Bulletin, 2019, 139, 238-255.	5.0	33

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19	A New Approach for Investigating the Impact of Pesticides and Nutrient Flux from Agricultural Holdings and Land-Use Structures on Baltic Sea Coastal Waters. Polish Journal of Environmental Studies, 2019, 28, 2531-2539.	1.2	14
20	Impact of agricultural farms on the environment of the Puck Commune: Integrated agriculture calculatorâ€"CalcGosPuck. PeerJ, 2019, 7, e6478.	2.0	10
21	Study on Different Fractions of Organic Molecules in the Baltic Sea Surface Microlayer by Spectrophoto- and Spectrofluorimetric Methods. Frontiers in Marine Science, 2018, 5, .	2.5	5
22	Integrated information and prediction Web Service WaterPUCK General concept. MATEC Web of Conferences, 2018, 210, 02011.	0.2	7
23	Structure of the FindFish Knowledge Transfer Platform. Archives of Polish Fisheries, 2018, 26, 193-197.	0.6	1
24	Numerical Simulations of Sea Ice Conditions in the Baltic Sea for 2010â€"2016 Winters Using the 3D CEMBS Model. Polish Maritime Research, 2018, 25, 35-43.	1.9	2
25	Seasonal changes in the abundance and biomass of copepods in the south-eastern Baltic Sea in 2010 and 2011. PeerJ, 2018, 6, e5562.	2.0	2
26	The Use of Satellite Data in the Operational 3D Coupled Ecosystem Model of the Baltic Sea (3D Cembs). Polish Maritime Research, 2016, 23, 20-24.	1.9	4
27	Population dynamics of the main copepod species in the Gulf of GdaÅ„sk (the southern Baltic Sea): abundance, biomass and production rates. Oceanological and Hydrobiological Studies, 2016, 45, 159-171.	0.7	1
28	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
29	Assimilation of the satellite SST data in the 3D CEMBS model. Oceanologia, 2015, 57, 17-24.	2.2	10
30	Seasonal variability in the population dynamics of the main mesozooplankton species in the Gulf of GdaÅ„sk (southern Baltic Sea): Production and mortality rates. Oceanologia, 2015, 57, 78-85.	2.2	5
31	Modeling of egg production by Temora longicornis from the southern Baltic Sea including salinity. Oceanological and Hydrobiological Studies, 2013, 42, 277-288.	0.7	2
32	Population dynamics ofPseudocalanus minutus elongatusin the Gulf of Gdansk (southern Baltic Sea) â€" experimental and numerical results. Journal of Natural History, 2013, 47, 715-738.	0.5	6
33	The Automatic Monitoring System for 3D-CEMBSv2 in the Operational Version. Journal of Environmental Science and Engineering Technology, 2013, 1, 1-9.	0.1	3
34	A new marine ecosystem 3D CEMBS model (version 2) for the Baltic Sea. , 2012, , .		1
35	Spatiotemporal distribution of copepod populations in the Gulf of Gdansk (southern Baltic Sea). Journal of Oceanography, 2012, 68, 887-904.	1.7	7
36	Population modelling of <i>Acartia</i> spp. in a water column ecosystem model for the South-Eastern Baltic Sea. Biogeosciences, 2010, 7, 2247-2259.	3.3	20

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37	Particulate organic carbon in the southern Baltic Sea: numerical simulations and experimental data. Oceanologia, 2010, 52, 621-648.	2.2	30
38	Parameterisation of a population model for Acartia spp. in the southern Baltic Sea. Part 1. Development time. Oceanologia, 2009, 51, 165-184.	2.2	11
39	Parameterisation of a population model for Acartia spp. in the southern Baltic Sea. Part 2. Egg production. Oceanologia, 2009, 51, 185-201.	2.2	7
40	Seasonal dynamics of <i>Pseudocalanus minutus elongatus</i> and <i>Acartia</i> spp. in the southern Baltic Sea (GdaÅ„sk Deep) â€“ numerical simulations. Biogeosciences, 2006, 3, 635-650.	3.3	15
41	A numerical investigation of phytoplankton and Pseudocalanus elongatus dynamics in the spring bloom time in the GdaÅ„sk Gulf. Journal of Marine Systems, 2005, 53, 19-36.	2.1	17
42	Growth and development of copepodite stages of Pseudocalanus spp.. Journal of Plankton Research, 2004, 26, 49-60.	1.8	23