

Jan Marcin Weslawski

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,862
citations

185998

28
h-index

128067

60
g-index

75
all docs

75
docs citations

75
times ranked

4225
citing authors

#	ARTICLE	IF	CITATIONS
1	The marine ecosystem of Kongsfjorden, Svalbard. <i>Polar Research</i> , 2002, 21, 167-208.	1.6	526
2	The Function of Marine Critical Transition Zones and the Importance of Sediment Biodiversity. <i>Ecosystems</i> , 2001, 4, 430-451.	1.6	413
3	Global Patterns and Predictions of Seafloor Biomass Using Random Forests. <i>PLoS ONE</i> , 2010, 5, e15323.	1.1	287
4	The importance of tidewater glaciers for marine mammals and seabirds in Svalbard, Norway. <i>Journal of Marine Systems</i> , 2014, 129, 452-471.	0.9	218
5	Unexpected Levels of Biological Activity during the Polar Night Offer New Perspectives on a Warming Arctic. <i>Current Biology</i> , 2015, 25, 2555-2561.	1.8	163
6	In the dark: A review of ecosystem processes during the Arctic polar night. <i>Progress in Oceanography</i> , 2015, 139, 258-271.	1.5	157
7	Climate change effects on Arctic fjord and coastal macrobenthic diversity—observations and predictions. <i>Marine Biodiversity</i> , 2011, 41, 71-85.	0.3	144
8	Comparing reconstructed past variations and future projections of the Baltic Sea ecosystem—first results from multi-model ensemble simulations. <i>Environmental Research Letters</i> , 2012, 7, 034005.	2.2	116
9	Impact of climate change on zooplankton communities, seabird populations and arctic terrestrial ecosystem—A scenario. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2934-2945.	0.6	106
10	Status and trends in the structure of Arctic benthic food webs. <i>Polar Research</i> , 2015, 34, 23775.	1.6	101
11	Meiofauna as descriptor of tourism-induced changes at sandy beaches. <i>Marine Environmental Research</i> , 2005, 60, 245-265.	1.1	91
12	Seasonal and spatial changes in the zooplankton community of Kongsfjorden, Svalbard. <i>Polar Research</i> , 2009, 28, 254-281.	1.6	91
13	Multidecadal stability of benthic community structure in a high-Arctic glacial fjord (van Mijenfjord, Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	88
14	Increase in biodiversity in the arctic rocky littoral, Sorkappland, Svalbard, after 20 years of climate warming. <i>Marine Biodiversity</i> , 2010, 40, 123-130.	0.3	88
15	Advanced recruitment and accelerated population development in Arctic calanoid copepods of the North Water. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 5081-5099.	0.6	84
16	Stomach contents of autumn-feeding marine vertebrates from Hornsund, Svalbard. <i>Polar Record</i> , 1989, 25, 107-114.	0.4	72
17	Decadal change in macrobenthic soft-bottom community structure in a high Arctic fjord (Kongsfjorden, Svalbard). <i>Polar Biology</i> , 2010, 33, 1-11.	0.5	71
18	Subglacial discharges create fluctuating foraging hotspots for sea birds in tidewater glacier bays. <i>Scientific Reports</i> , 2017, 7, 43999.	1.6	57

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19	Depth gradients of benthic standing stock and diversity on the continental margin at a high-latitude ice-free site (off Spitsbergen, 79°N). Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1903-1914.	0.6	56
20	Ten years after: krill as indicator of changes in the macro-zooplankton communities of two Arctic fjords. Polar Biology, 2010, 33, 101-113.	0.5	55
21	Zooplankton in Svalbard fjords on the Atlantic-Arctic boundary. Polar Biology, 2016, 39, 1785-1802.	0.5	55
22	Horizontal and vertical distribution of meiofauna on sandy beaches of the North Sea (The Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	1.3	49
23	Latitudinal biodiversity patterns of meiofauna from sandy littoral beaches. Biodiversity and Conservation, 2005, 14, 461-474.	1.2	43
24	Ensemble Modeling of the Baltic Sea Ecosystem to Provide Scenarios for Management. Ambio, 2014, 43, 37-48.	2.8	42
25	Substratum as a structuring influence on assemblages of Arctic bryozoans. Polar Biology, 2006, 29, 652-661.	0.5	35
26	Benthic scavengers collected by baited traps in the high Arctic. Polar Biology, 2000, 23, 539-544.	0.5	34
27	Coming home - Boreal ecosystem claims Atlantic sector of the Arctic. Science of the Total Environment, 2021, 771, 144817.	3.9	34
28	Composition of bryozoan assemblages related to depth in Svalbard fjords and sounds. Polar Biology, 2005, 28, 619-630.	0.5	33
29	Primary producers and production in Hornsund and Kongsfjorden - comparison of two fjord systems. Polish Polar Research, 2017, 38, 351-373.	0.9	33
30	From the worm's point of view. I: Environmental settings of benthic ecosystems in Arctic fjord (Hornsund, Spitsbergen). Polar Biology, 2016, 39, 1411-1424.	0.5	29
31	Nematode biomass and morphometric attributes as biological indicators of local environmental conditions in Arctic fjords. Ecological Indicators, 2016, 69, 368-380.	2.6	28
32	PESI - a taxonomic backbone for Europe. Biodiversity Data Journal, 2015, 3, e5848.	0.4	28
33	Ecosystem maturation follows the warming of the Arctic fjords. Oceanologia, 2017, 59, 592-602.	1.1	24
34	Range extension of a boreal amphipod <i>Gammarus oceanicus</i> in the warming Arctic. Ecology and Evolution, 2018, 8, 7624-7632.	0.8	21
35	Comparison of nematode communities in Baltic and North Sea sublittoral, permeable sands - Diversity and environmental control. Estuarine, Coastal and Shelf Science, 2006, 70, 224-238.	0.9	20
36	Data integration for European marine biodiversity research: creating a database on benthos and plankton to study large-scale patterns and long-term changes. Hydrobiologia, 2010, 644, 1-13.	1.0	19

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37	Age, growth rate, and otolith growth of polar cod (<i>Boreogadus saida</i>) in two fjords of Svalbard, Kongsfjorden and Rijpfjorden. <i>Oceanologia</i> , 2017, 59, 576-584.	1.1	18
38	Citizen-Science for the Future: Advisory Case Studies From Around the Globe. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	17
39	Distribution patterns of polychaete fauna in an Arctic fjord (Hornsund, Spitsbergen). <i>Polar Biology</i> , 2013, 36, 1463-1472.	0.5	16
40	Hermit crabs (<i>Pagurus</i> spp.) at their northernmost range: distribution, abundance and shell use in the European Arctic. <i>Polar Research</i> , 2015, 34, 21412.	1.6	16
41	Benthic Crustacea and Mollusca distribution in Arctic fjord – case study of patterns in Hornsund, Svalbard. <i>Oceanologia</i> , 2017, 59, 565-575.	1.1	16
42	Geographic patterns of biodiversity in European coastal marine benthos. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 507-523.	0.4	14
43	Contrasting molecular diversity and demography patterns in two intertidal amphipod crustaceans reflect Atlantification of High Arctic. <i>Marine Biology</i> , 2019, 166, 1.	0.7	14
44	Early detection of marine non-indigenous species on Svalbard by DNA metabarcoding of sediment. <i>Polar Biology</i> , 2021, 44, 653-665.	0.5	14
45	Advection of Atlantic water masses influences seabird community foraging in a high-Arctic fjord. <i>Progress in Oceanography</i> , 2021, 193, 102549.	1.5	14
46	Eight species that rule today’s European Arctic fjord benthos. <i>Polish Polar Research</i> , 2012, 33, 225-238.	0.9	13
47	Total benthic oxygen uptake in two Arctic fjords (Spitsbergen) with different hydrological regimes. <i>Oceanologia</i> , 2018, 60, 107-113.	1.1	13
48	Stomach content analysis of minke whales <i>Balaenoptera acutorostrata</i> from the Lofoten and Vesteralen areas, Norway. <i>Ecography</i> , 1991, 14, 219-222.	2.1	12
49	Recent distribution of Echinodermata species in Spitsbergen coastal waters. <i>Polish Polar Research</i> , 2016, 37, 511-526.	0.9	11
50	Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 539-547.	0.4	11
51	The coastal edge of the Northeast Water polynya in spring 1993. <i>Journal of Marine Systems</i> , 1997, 10, 429-444.	0.9	10
52	Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 525-538.	0.4	10
53	The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 549-560.	0.4	10
54	The malacostracan fauna of two Arctic fjords (west Spitsbergen): the diversity and distribution patterns of its pelagic and benthic components. <i>Oceanologia</i> , 2017, 59, 541-564.	1.1	8

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55	The oxygen fluxes of sandy littoral areas: Quantifying primary and secondary producers in the Baltic Sea. <i>Marine Pollution Bulletin</i> , 2010, 61, 211-214.	2.3	7
56	Habitat loss and possible effects on local species richness in a species-poor system: a case study of southern Baltic Sea macrofauna. <i>Biodiversity and Conservation</i> , 2010, 19, 3991-4002.	1.2	6
57	Colonies of <i>Gyrosigma eximium</i> : a new phenomenon in Arctic tidal flats. <i>Oceanologia</i> , 2016, 58, 336-340.	1.1	6
58	Comparison of bacterial production in the water column between two Arctic fjords, Hornsund and Kongsfjorden (West Spitsbergen). <i>Oceanologia</i> , 2017, 59, 496-507.	1.1	5
59	Will shrinking body size and increasing species diversity of crustaceans follow the warming of the Arctic littoral?. <i>Ecology and Evolution</i> , 2020, 10, 10305-10313.	0.8	5
60	Abundance, habitat use and food consumption of seabirds in the high-Arctic fjord ecosystem. <i>Polar Biology</i> , 2021, 44, 739-750.	0.5	5
61	Chances for Arctic Survival: Greely's Expedition Revisited. <i>Arctic</i> , 2002, 55, .	0.2	5
62	Can seabirds modify carbon burial in fjords?. <i>Oceanologia</i> , 2017, 59, 603-611.	1.1	4
63	Perception of Arctic issues among young learners in Poland and Lithuania. <i>Oceanologia</i> , 2020, 62, 576-587.	1.1	4
64	The Marine Fauna of Arctic Islands as Bioindicators. , 2004, , 173-180.		4
65	Food chain, parasites and climate changes in the high Arctic: a case study on trophically transmitted parasites of common eider <i>Somateria Amollissima</i> at Franz Josef Land. <i>Polar Biology</i> , 2021, 44, 1321-1342.	0.5	3
66	Outline of an Arctic fjord Ecosystem Model for Kongsfjorden-Krossfjorden, Svalbard. <i>Advances in Polar Ecology</i> , 2019, , 485-514.	1.3	2
67	Attitudes Towards the Polar Regions as a Reflection of the Sense of Responsibility for the Environment. Theoretical Background for Further Study. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	1
68	Ensemble Modeling of the Baltic Sea Ecosystem to Provide Scenarios for Management. , 2014, 43, 37.		1
69	Ecosystem goods, services and management. , 2017, , 609-643.		0
70	Polar Research in public discourse – setting the stage. <i>Oceanologia</i> , 2020, 62, 634-636.	1.1	0
71	Why Does the Seal Exist? Teleology in the Present-Day Human Relation to Animals. <i>Zoophilologica</i> , 2020, , 77-84.	0.0	0