

Bodil A Bluhm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4590409/publications.pdf>

Version: 2024-02-01

89
papers

4,212
citations

126907

33
h-index

133252

59
g-index

97
all docs

97
docs citations

97
times ranked

3964
citing authors

#	ARTICLE	IF	CITATIONS
1	International megabenthic long-term monitoring of a changing arctic ecosystem: Baseline results. <i>Progress in Oceanography</i> , 2022, 200, 102712.	3.2	6
2	New distribution records of kelp in the Kitikmeot Region, Northwest Passage, Canada, fill a pan-Arctic gap. <i>Polar Biology</i> , 2022, 45, 719-736.	1.2	4
3	Crude oil exposure reduces ice algal growth in a sea-ice mesocosm experiment. <i>Polar Biology</i> , 2021, 44, 525-537.	1.2	3
4	Effects of outplanting time on growth, shedding and quality of <i>Saccharina latissima</i> (Phaeophyceae) in its northern distribution range. <i>Journal of Applied Phycology</i> , 2021, 33, 2415-2431.	2.8	4
5	Functional Pattern of Benthic Epifauna in the Chukchi Borderland, Arctic Deep Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
6	Meroplankton Diversity, Seasonality and Life-History Traits Across the Barents Sea Polar Front Revealed by High-Throughput DNA Barcoding. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	18
7	Ice-Associated Amphipods in a Pan-Arctic Scenario of Declining Sea Ice. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	11
8	Environmental Filtering Influences Functional Community Assembly of Epibenthic Communities. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
9	Connections to the Deep: Deep Vertical Migrations, an Important Part of the Life Cycle of <i>Apherusa glacialis</i> , an Arctic Ice-Associated Amphipod. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
10	Protecting the future Arctic. <i>One Earth</i> , 2021, 4, 1649-1651.	6.8	3
11	Arctic coastal benthos long-term responses to perturbations under climate warming. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190355.	3.4	17
12	Towards a unifying pan-arctic perspective: A conceptual modelling toolkit. <i>Progress in Oceanography</i> , 2020, 189, 102455.	3.2	30
13	Borealization of the Arctic Ocean in Response to Anomalous Advection From Sub-Arctic Seas. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	174
14	Pelagic occurrences of the ice amphipod <i>Apherusa glacialis</i> throughout the Arctic. <i>Journal of Plankton Research</i> , 2020, 42, 73-86.	1.8	16
15	Epibenthic megafauna communities in Northeast Greenland vary across coastal, continental shelf and slope habitats. <i>Polar Biology</i> , 2020, 43, 1623-1642.	1.2	7
16	Changes in Sea-Ice Protist Diversity With Declining Sea Ice in the Arctic Ocean From the 1980s to 2010s. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	39
17	Sympagic Fauna in and Under Arctic Pack Ice in the Annual Sea-Ice System of the New Arctic. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	23
18	Biogeography of epibenthic assemblages in the central Beaufort Sea. <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Latitudinal, seasonal and depth-dependent variation in growth, chemical composition and biofouling of cultivated <i>Saccharina latissima</i> (Phaeophyceae) along the Norwegian coast. <i>Journal of Applied Phycology</i> , 2020, 32, 2215-2232.	2.8	47
20	First of an Arctic sea ice meiofauna food web analysis based on abundance, biomass and stable isotope ratios. <i>Marine Ecology - Progress Series</i> , 2020, 634, 29-43.	1.9	18
21	The Pan-Arctic Continental Slope: Sharp Gradients of Physical Processes Affect Pelagic and Benthic Ecosystems. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	37
22	Joint Cruise 1-2 2018. The Nansen Legacy Report Series, 2020, , .	0.6	1
23	Epifaunal communities across marine landscapes of the deep Chukchi Borderland (Pacific Arctic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 151, 103065.	1.4	15
24	First record of cuticle bands in the stomach ossicles of the red king crab <i>Paralithodes camtschaticus</i> (Tilesius, 1815) (Decapoda: Anomura: Lithodidae) from Norway. <i>Journal of Crustacean Biology</i> , 2019, 39, 703-710.	0.8	3
25	New estimates of weight-at-size, maturity-at-size, fecundity, and biomass of snow crab, <i>Chionoecetes opilio</i> , in the Arctic Ocean off Alaska. <i>Fisheries Research</i> , 2019, 218, 246-258.	1.7	6
26	A first fecundity study of the female snow crab <i>Chionoecetes opilio</i> Fabricius, 1788 (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Crustacean Biology, 2019, 39, 485-492.	0.8	6
27	Developing an observational design for epibenthos and fish assemblages in the Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 180-190.	1.4	16
28	Stratification in the Canadian Arctic Archipelago's Kitikmeot Sea: Biological and geochemical consequences. , 2019, 1, 46-52.		4
29	Trait-based approaches in rapidly changing ecosystems: A roadmap to the future polar oceans. <i>Ecological Indicators</i> , 2018, 91, 722-736.	6.3	68
30	Sea ice meiofauna distribution on local to pan-Arctic scales. <i>Ecology and Evolution</i> , 2018, 8, 2350-2364.	1.9	36
31	Relationships between depth and $\delta^{15}\text{N}$ of Arctic benthos vary among regions and trophic functional groups. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 135, 56-64.	1.4	9
32	Using biological traits and environmental variables to characterize two Arctic epibenthic invertebrate communities in and adjacent to Barrow Canyon. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 152, 154-169.	1.4	26
33	Benthic-pelagic trophic coupling in an Arctic marine food web along vertical water mass and organic matter gradients. <i>Marine Ecology - Progress Series</i> , 2018, 594, 1-19.	1.9	32
34	Diet analysis of Alaska Arctic snow crabs (<i>Chionoecetes opilio</i>) using stomach contents and $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ stable isotopes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 135, 124-136.	1.4	33
35	Late summer zoogeography of the northern Bering and Chukchi seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 135, 168-189.	1.4	38
36	Growth and production of the brittle stars <i>Ophiura sarsii</i> and <i>Ophiocten sericeum</i> (Echinodermata: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	24

#	ARTICLE	IF	CITATIONS
37	Das Leben im Eispalast: Flora und Fauna des arktischen Meereises. , 2017, , 51-62.		0
38	Ice-tethered observational platforms in the Arctic Ocean pack ice. IFAC-PapersOnLine, 2016, 49, 494-499.	0.9	19
39	Freshwater and its role in the Arctic Marine System: Sources, disposition, storage, export, and physical and biogeochemical consequences in the Arctic and global oceans. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 675-717.	3.0	317
40	Influence of terrestrial organic matter in marine food webs of the Beaufort Sea shelf and slope. Marine Ecology - Progress Series, 2016, 550, 1-24.	1.9	67
41	Time-Series Benthic Community Composition and Biomass and Associated Environmental Characteristics in the Chukchi Sea During the RUSALCA 2004â€“2012 Program. Oceanography, 2015, 28, 116-133.	1.0	55
42	The Relationship Between Patterns of Benthic Fauna and Zooplankton in the Chukchi Sea and Physical Forcing. Oceanography, 2015, 28, 68-83.	1.0	55
43	Ecosystem characteristics and processes facilitating persistent macrobenthic biomass hotspots and associated benthivory in the Pacific Arctic. Progress in Oceanography, 2015, 136, 92-114.	3.2	222
44	Spatial variability of epibenthic communities on the Alaska Beaufort Shelf. Polar Biology, 2015, 38, 1783-1804.	1.2	29
45	The future of Arctic benthos: Expansion, invasion, and biodiversity. Progress in Oceanography, 2015, 139, 244-257.	3.2	99
46	A tale of two basins: An integrated physical and biological perspective of the deep Arctic Ocean. Progress in Oceanography, 2015, 139, 89-121.	3.2	124
47	Regional benthic food web structure on the Alaska Beaufort Sea shelf. Marine Ecology - Progress Series, 2015, 531, 15-32.	1.9	31
48	Biodiversity and Biogeography of the Lower Trophic Taxa of the Pacific Arctic Region: Sensitivities to Climate Change. , 2014, , 269-336.		32
49	Biodiversity of Arctic marine ecosystems and responses to climate change. Biodiversity, 2012, 13, 200-214.	1.1	37
50	Growth rates of arctic juvenile <i>Scolecipis squamata</i> (Polychaeta: Spionidae) isolated from Chukchi Sea fast ice. Polar Biology, 2012, 35, 1487-1494.	1.2	11
51	Caloric content of dominant benthic species from the northern Bering and Chukchi Seas: historical comparisons and the effects of preservation. Polar Biology, 2012, 35, 637-644.	1.2	15
52	Arctic Marine Biodiversity: An Update of Species Richness and Examples of Biodiversity Change. Oceanography, 2011, 24, 232-248.	1.0	83
53	Do Meio- and Macrobenthic Nematodes Differ in Community Composition and Body Weight Trends with Depth?. PLoS ONE, 2011, 6, e14491.	2.5	29
54	Towards a pan-Arctic inventory of the species diversity of the macro- and megabenthic fauna of the Arctic shelf seas. Marine Biodiversity, 2011, 41, 51-70.	1.0	150

#	ARTICLE	IF	CITATIONS
55	Diversity of larger free-living nematodes from macrobenthos (>250m) in the Arctic deep-sea Canada Basin. <i>Marine Biodiversity</i> , 2011, 41, 455-465.	1.0	20
56	Diversity of the arctic deep-sea benthos. <i>Marine Biodiversity</i> , 2011, 41, 87-107.	1.0	90
57	Editorial - Arctic Ocean Diversity: synthesis. <i>Marine Biodiversity</i> , 2011, 41, 1-4.	1.0	27
58	Towards a pan-Arctic inventory of the species diversity of the macro- and megabenthic fauna of the Arctic shelf seas. , 2011, 41, 51.		1
59	A temporal comparison of a benthic infaunal community southwest of St. Lawrence Island, Bering Sea between 2006 and 1970-1974. <i>Polar Biology</i> , 2010, 33, 1439-1444.	1.2	1
60	Observations and exploration of the Arctic's Canada Basin and the Chukchi Sea: The Hidden Ocean and RUSALCA expeditions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1-4.	1.4	14
61	Benthic food-web structure under differing water mass properties in the southern Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 71-85.	1.4	165
62	Arctic sea-ice ridges "Safe heavens for sea-ice fauna during periods of extreme ice melt?". <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 86-95.	1.4	60
63	Benthic macrofauna and megafauna assemblages in the Arctic deep-sea Canada Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 136-152.	1.4	69
64	Free Database Availability, Metadata and the Internet: An Example of Two High Latitude Components of the Census of Marine Life. , 2010, , 233-243.		13
65	Global Patterns and Predictions of Seafloor Biomass Using Random Forests. <i>PLoS ONE</i> , 2010, 5, e15323.	2.5	287
66	Timing of Ice Algal Grazing by the Arctic Nearshore Benthic Amphipod <i>Onisimus litoralis</i> . <i>Arctic</i> , 2010, 63, .	0.4	17
67	Community structure of epibenthic megafauna in the Chukchi Sea. <i>Aquatic Biology</i> , 2009, 7, 269-293.	1.4	99
68	Pivotal role of sea ice sediments in the seasonal development of near-shore Arctic fast ice biota. <i>Marine Ecology - Progress Series</i> , 2009, 394, 49-63.	1.9	45
69	Using stable isotopes to assess carbon and nitrogen turnover in the Arctic sympagic amphipod <i>Onisimus litoralis</i> . <i>Oecologia</i> , 2008, 158, 11-22.	2.0	63
70	<i>Sympagohydra tuuli</i> gen. nov. and sp. nov. (Cnidaria: Hydrozoa) a cool hydroid from the Arctic sea ice. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1637-1641.	0.8	19
71	REGIONAL VARIABILITY IN FOOD AVAILABILITY FOR ARCTIC MARINE MAMMALS. , 2008, 18, S77-S96.		265
72	High gray whale relative abundances associated with an oceanographic front in the south-central Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2919-2933.	1.4	37

#	ARTICLE	IF	CITATIONS
73	Amphipod prey of gray whales in the northern Bering Sea: Comparison of biomass and distribution between the 1980s and 2002–2003. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2906-2918.	1.4	61
74	First record of sympagic hydroids (Hydrozoa, Cnidaria) in Arctic coastal fast ice. <i>Polar Biology</i> , 2007, 30, 1557-1563.	1.2	13
75	Gray Whales in the Bering and Chukchi Seas. , 2007, , 302-313.		0
76	Food web structure in the high Arctic Canada Basin: evidence from $\delta^{13}C$ and $\delta^{15}N$ analysis. <i>Polar Biology</i> , 2005, 28, 238-249.	1.2	137
77	Abundance and composition of the sea-ice meiofauna in off-shore pack ice of the Beaufort Gyre in summer 2002 and 2003. <i>Polar Biology</i> , 2005, 28, 171-181.	1.2	49
78	Macro- and megabenthic communities in the high Arctic Canada Basin: initial findings. <i>Polar Biology</i> , 2005, 28, 218-231.	1.2	61
79	Arctic Ocean Exploration 2002. <i>Polar Biology</i> , 2005, 28, 169-170.	1.2	10
80	In-situ observations on the distribution and behavior of amphipods and Arctic cod (<i>Boreogadus saida</i>) under the sea ice of the High Arctic Canada Basin. <i>Polar Biology</i> , 2004, 27, 595.	1.2	131
81	BRAIN STRUCTURE AND HISTOLOGICAL FEATURES OF LIPOFUSCIN IN TWO ANTARCTIC CARIDEA (DECAPODA). <i>Crustaceana</i> , 2002, 75, 61-76.	0.3	6
82	Microscopic anatomy and ultrastructure of the digestive system of three Antarctic shrimps (Crustacea: Decapoda: Caridea). , 2002, , 66-76.		6
83	Occurrence of the autofluorescent pigment, lipofuscin, in polar crustaceans and its potential as an age marker. , 2002, , 251-258.		2
84	Age determination in the Antarctic shrimp <i>Notocrangon antarcticus</i> (Crustacea: Decapoda), using the autofluorescent pigment lipofuscin. <i>Marine Biology</i> , 2001, 138, 247-257.	1.5	50
85	Occurrence of the autofluorescent pigment, lipofuscin, in polar crustaceans and its potential as an age marker. <i>Polar Biology</i> , 2001, 24, 642-649.	1.2	18
86	Microscopic anatomy and ultrastructure of the digestive system of three Antarctic shrimps (Crustacea: Decapoda: Caridea). <i>Polar Biology</i> , 2001, 24, 604-614.	1.2	15
87	The autofluorescent age pigment lipofuscin: key to age, growth and productivity of the Antarctic amphipod <i>Waldeckia obesa</i> (Chevreux, 1905). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 258, 215-235.	1.5	44
88	Distribution, standing stock, growth, mortality and production of <i>Strongylocentrotus pallidus</i> (Echinodermata: Echinoidea) in the northern Barents Sea. <i>Polar Biology</i> , 1998, 20, 325-334.	1.2	58
89	Description and Spatial Modelling of Benthic Communities Distribution in the Canadian Arctic Archipelago. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	0