Elena Arashkevich

List of Publications by Year
in descending order

59	1,952	236833 25	254106 43
papers	citations	h-index	g-index

59	59	59	1756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Food webs and carbon flux in the Barents Sea. Progress in Oceanography, 2006, 71, 232-287.	1.5	380
2	Seasonal variation in vertical flux of biogenic matter in the marginal ice zone and the central Barents Sea. Journal of Marine Systems, 2002, 38, 189-204.	0.9	136
3	The fate of production in the central Arctic Ocean â€“ topâ€“down regulation by zooplankton expatriates?. Progress in Oceanography, 2007, 72, 84-113.	1.5	120
4	Seasonal and spatial changes in biomass, structure, and development progress of the zooplankton community in the Barents Sea. Journal of Marine Systems, 2002, 38, 125-145.	0.9	102
5	Seasonal variation in production, retention and export of zooplankton faecal pellets in the marginal ice zone and central Barents Sea. Journal of Marine Systems, 2002, 38, 175-188.	0.9	82
6	Life in a warming ocean: thermal thresholds and metabolic balance of arctic zooplankton. Journal of Plankton Research, 2014, 36, 3-10.	0.8	65
7	Comparison of the springtime vertical export of biogenic matter in three northern Norwegian fjords. Marine Ecology - Progress Series, 2000, 201, 73-89.	0.9	58
8	Export or retention? Copepod abundance, faecal pellet production and vertical flux in the marginal ice zone through snap shots from the northern Barents Sea. Polar Biology, 2007, 30, 719-730.	0.5	56
9	Seasonal changes in feeding, gonad development and lipid stores in Calanusfinmarchicus and C . hyperboreus from Malangen, northern Norway. Marine Biology, 2001, 138, 1141-1152.	0.7	50
10	Production, retention and export of zooplankton faecal pellets on and off the Iberian shelf, north-west Spain. Progress in Oceanography, 2001, 51, 423-441.	1.5	48
11	Artemia parthenogenetica (Branchiopoda: Anostraca) from the Large Aral Sea: Abundance, distribution, population structure and cyst production. Journal of Marine Systems, 2009, 76, 359-366.	0.9	46
12	Nutrient-rich plankton communities stabilized via predator-prey interactions: revisiting the role of vertical heterogeneity. Mathematical Medicine and Biology, 2011, 28, 185-215.	0.8	42
13	Dividing mesozooplankton into upper and lower size groups: Applications to the grazing impact in the Marginal Ice Zone of the Barents Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2245-2256.	0.6	41
14	A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. Marine Pollution Bulletin, 2015, 95, 28-39.	2.3	41
15	Vertical flux of biogenic matter during a Lagrangian study off the NW Spanish continental margin. Progress in Oceanography, 2001, 51, 443-466.	1.5	39
16	The ecology of the Calanus ponticus population in the deeper layer of its concentration in the Black Sea. Journal of Plankton Research, 1992, 14, 447-458.	0.8	37
17	Diapause in the life cycle of Calanoides carinatus (Kroyer), (Copepoda, Calanoida). Hydrobiologia, 1996, 320, 197-208.	1.0	36
18	Zooplankton dynamics in the northern Benguela ecosystem, with special reference to the copepod Calanoides carinatus. African Journal of Marine Science, 1992, 12, 545-560.	0.6	34

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19	Pyrosoma atlanticum (Tunicata, Thaliacea): grazing impact on phytoplankton standing stock and role in organic carbon flux. Journal of Plankton Research, 1992, 14, 799-809.	0.8	33
20	Plankton distribution and vertical flux of biogenic matter during high summer stratification in the Krka estuary (Eastern Adriatic). Estuarine, Coastal and Shelf Science, 2007, 71, 381-390.	0.9	31
21	Structure of the zooplankton communities in the region of the Ob Riverâ€™s estuarine frontal zone. Oceanology, 2010, 50, 766-779.	0.3	28
22	Contribution of algal sinking and zooplankton grazing to downward flux in the Lazarev Sea (Southern Ocean) during the onset of phytoplankton bloom: a lagrangian study. Marine Ecology - Progress Series, 2002, 233, 73-88.	0.9	28
23	Patterns of Zooplankton Functional Response in Communities with Vertical Heterogeneity: a Model Study. Mathematical Modelling of Natural Phenomena, 2008, 3, 131-148.	0.9	26
24	Species composition of Black Sea marine planktonic copepods. Journal of Marine Systems, 2014, 135, 44-52.	0.9	26
25	Seasonal variation in Zooplankton and suspended faecal pellets in the subarctic Norwegian Baisfjorden, in 1996. Sarsia, 2000, 85, 439-452.	0.5	25
26	Towards a correct description of zooplankton feeding in models: Taking into account food-mediated unsynchronized vertical migration. Journal of Theoretical Biology, 2010, 262, 346-360.	0.8	24
27	Calanus spp. grazing affects egg production and vertical carbon flux (the marginal ice zone and open) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	21
28	Revisiting the Role of Individual Variability in Population Persistence and Stability. PLoS ONE, 2013, 8, e70576.	1.1	21
29	Mesozooplankton in the open Black Sea: Regional and seasonal characteristics. Journal of Marine Systems, 2014, 135, 81-96.	0.9	21
30	Thermal response of ingestion and egestion rates in the Arctic copepod Calanus glacialis and possible metabolic consequences in a warming ocean. Polar Biology, 2015, 38, 1025-1033.	0.5	21
31	Influence of spatial heterogeneity on the type of zooplankton functional response: A study based on field observations. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2285-2291.	0.6	18
32	Major, trace, and rare-earth elements in the zooplankton of the Laptev Sea in relation to community composition. Environmental Science and Pollution Research, 2019, 26, 23044-23060.	2.7	18
33	Seasonal moulting patterns and the generation cycle of Calanus finmarchicus in the NE Norwegian Sea, as inferred from gnathobase structures, and the size of gonads and oil sacs. Marine Biology, 2004, 146, 119-132.	0.7	17
34	Spatial Variability of Primary Production and Chlorophyll in the Laptev Sea in Augustâ€“September. Oceanology, 2019, 59, 678-691.	0.3	17
35	Significance of vertical flux as a sink for surface water DMSP and as a source for the sediment surface in coastal zones of northern Europe. Estuarine, Coastal and Shelf Science, 2006, 68, 473-488.	0.9	15
36	Marine environmental monitoring in the shelf zone of the Black Sea: Assessment of the current state of the pelagic ecosystem. Oceanology, 2015, 55, 871-876.	0.3	15

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37	The role of zooplankton in the transformation of the organic matter in the Ob estuary, on the shelf, and in the deep regions of the Kara Sea. Oceanology, 2010, 50, 780-792.	0.3	14
38	Different effects of increased water temperature on egg production of Calanus finmarchicus and C. glacialis. Oceanology, 2013, 53, 547-553.	0.3	14
39	Reproductive patterns of Calanus finmarchicus at the Norwegian midshelf in 1997. Journal of Plankton Research, 2004, 26, 839-849.	0.8	12
40	Modelling optimal behavioural strategies in structured populations using a novel theoretical framework. Scientific Reports, 2019, 9, 15020.	1.6	12
41	Distribution and Feeding of Herbivorous Zooplankton in the Laptev Sea. Oceanology, 2018, 58, 381-395.	0.3	10
42	Revisiting the Stability of Spatially Heterogeneous Predatorâ€“Prey Systems Under Eutrophication. Bulletin of Mathematical Biology, 2015, 77, 1886-1908.	0.9	9
43	The Role of Plankton in the Vertical Flux in the East Siberian Sea Shelf. Oceanology, 2019, 59, 669-677.	0.3	9
44	Influence of Riverine Discharge and Timing of Ice Retreat on Particle Sedimentation Patterns on the Laptev Sea Shelf. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017462.	1.0	8
45	Feeding of dominant zooplankton species and their grazing impact on autotrophic phytoplankton in the Yenisei Estuary in autumn. Oceanology, 2015, 55, 573-582.	0.3	7
46	Feeding of the Dominant Herbivorous Plankton Species in the Black Sea and Their Role in Coccolithophorid Consumption. Oceanology, 2017, 57, 806-816.	0.3	6
47	Vertical Variability of Primary Production and Features of the Subsurface Chlorophyll Maximum in the Laptev Sea in Augustâ€“September, 2015, 2017, and 2018. Oceanology, 2020, 60, 189-204.	0.3	6
48	Structural and Functional Characteristics of Zooplankton in the Ob Estuary and Adjacent Shelf Areas of the Kara Sea in Summer. Oceanology, 2019, 59, 347-357.	0.3	5
49	Differential Impact of the Khatanga and Lena (Laptev Sea) Runoff on the Distribution and Grazing of Zooplankton. Frontiers in Marine Science, 2022, 9, .	1.2	5
50	Mesozooplankton grazing impact on phytoplankton in the northern regions of the Kara Sea in autumn. Oceanology, 2015, 55, 595-605.	0.3	4
51	Distribution and grazing of the dominant mesozooplankton species in the Yenisei estuary and adjacent shelf in early summer (July 2016). Continental Shelf Research, 2020, 201, 104133.	0.9	4
52	Expeditionary studies in the western basin of the Aral Sea in September 2006. Oceanology, 2008, 48, 602-608.	0.3	2
53	Vertical Carbon Flux of Biogenic Matter in a Coastal Area of the Aegean Sea: The Importance of Appendicularians. Estuaries and Coasts, 2014, 37, 911-924.	1.0	2
54	Picophytoplankton of the Laptev Sea in Autumn. Doklady Earth Sciences, 2019, 484, 207-210.	0.2	2

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55	Evaluation of ecosystem status in the shelf-slope zone of the northeastern Black Sea based on the trophic index (TRIX). Oceanology, 2016, 56, 114-117.	0.3	1
56	Data on distribution, demographic structure and grazing of the dominant mesozooplankton species in the Yenisei estuary and adjacent shelf in early summer. Data in Brief, 2020, 31, 105856.	0.5	1
57	Spatial variability of primary production and chlorophyll in the Laptev sea in augustâ€“september. Russian Academy of Sciences Oceanology, 2019, 59, 755-770.	0.1	1
58	Individual variability in the feeding rate leads to ecological differentiation in populations of planktonic copepods. Doklady Biological Sciences, 2012, 447, 377-380.	0.2	0
59	Plankton Communities in the Eastern Mediterranean Coastal Waters. , 1999, , 141-158.		0