

# Sergey A Mosharov

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

428  
citations

840776

11  
h-index

794594

19  
g-index

40  
all docs

40  
docs citations

40  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternation of diatoms and coccolithophores in the north-eastern Black Sea: a response to nutrient changes. <i>Hydrobiologia</i> , 2015, 755, 89-105.	2.0	53
2	Patterns of the Kara Sea primary production in autumn: Biotic and abiotic forcing of subsurface layer. <i>Journal of Marine Systems</i> , 2014, 132, 130-149.	2.1	49
3	Modelling Kara Sea phytoplankton primary production: Development and skill assessment of regional algorithms. <i>Journal of Sea Research</i> , 2017, 125, 1-17.	1.6	31
4	Structure of the phytoplankton communities and primary production in the Ob River estuary and over the adjacent Kara Sea shelf. <i>Oceanology</i> , 2010, 50, 743-758.	1.2	27
5	Distribution of the primary production and chlorophyll a in the Kara Sea in September of 2007. <i>Oceanology</i> , 2010, 50, 884-892.	1.2	25
6	Assessment of phytoplankton photosynthetic efficiency based on measurement of fluorescence parameters and radiocarbon uptake in the Kara Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 59-69.	2.1	22
7	Bacterial and primary production in the pelagic zone of the Kara Sea. <i>Oceanology</i> , 2010, 50, 759-765.	1.2	17
8	Peculiarities of the primary production process in the Kara Sea at the end of the vegetation season. <i>Oceanology</i> , 2016, 56, 84-94.	1.2	16
9	Studying the biogenic and abiogenic parts of suspended particulate matter in the Volga delta during spring flood of May 2008. <i>Water Resources</i> , 2013, 40, 143-156.	0.9	15
10	The impact of physical processes on taxonomic composition, distribution and growth of phytoplankton in the open Black Sea. <i>Journal of Marine Systems</i> , 2020, 208, 103368.	2.1	15
11	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. <i>Oceanology</i> , 2010, 50, 780-792.	1.2	14
12	Vertical distribution of primary production and chlorophyll a in the Kara Sea. <i>Oceanology</i> , 2015, 55, 521-534.	1.2	12
13	Structure and Productivity of the Phytocenosis in the Southwestern Kara Sea in Early Spring. <i>Oceanology</i> , 2018, 58, 396-404.	1.2	12
14	Spatial variability of the primary production and chlorophyll a concentration in the drake passage in the austral spring. <i>Oceanology</i> , 2011, 51, 281-294.	1.2	10
15	The plankton community of the Kara Sea in early spring. <i>Oceanology</i> , 2017, 57, 222-224.	1.2	10
16	Effect of invasive ctenophores <i>Mnemiopsis leidyi</i> and <i>Beroe ovata</i> on low trophic webs of the Black Sea ecosystem. <i>Marine Pollution Bulletin</i> , 2019, 141, 434-447.	5.0	10
17	Evaluation of the influence of abiotic and biotic factors on primary production in the Kara Sea in autumn. <i>Oceanology</i> , 2015, 55, 535-546.	1.2	8
18	State of heterotrophic bacterioplankton of Yenisei estuary and the zone of Ob's Yenisei discharge in autumn in relation with environmental factors. <i>Water Resources</i> , 2016, 43, 341-352.	0.9	8

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19	Meridional asymmetric distribution of the primary production in the Atlantic Sector of the Southern Ocean in the austral spring and summer. <i>Oceanology</i> , 2012, 52, 623-634.	1.2	7
20	The structure and distribution of the phytoplankton community in the deep region of the Northern Kara Sea. <i>Oceanology</i> , 2016, 56, 107-113.	1.2	7
21	Spatial variability of concentrations of chlorophyll a, dissolved organic matter and suspended particles in the surface layer of the Kara Sea in September 2011 from lidar data. <i>Oceanology</i> , 2017, 57, 165-173.	1.2	7
22	Phytoplankton Community Structure in the Polar Front of the Eastern Barents Sea at the End of the Growth Season. <i>Oceanology</i> , 2018, 58, 700-709.	1.2	7
23	Monitoring of the Moskva river water using microbiological parameters and chlorophyll a fluorescence. <i>Microbiology</i> , 2015, 84, 811-821.	1.2	6
24	Phytoplankton production characteristics in the southern Atlantic and the Atlantic sector of the Southern Ocean in the austral summer of 2009–2010. <i>Oceanology</i> , 2012, 52, 206-218.	1.2	5
25	Current state of heterotrophic bacterioplankton in the Kosinskie Lakes. <i>Water Resources</i> , 2013, 40, 518-527.	0.9	5
26	Effect of Mercury Chloride on the Chlorophyll a and Pheophytin Content in Marine Microalgae: Measuring the Flow of Autotrophic Phytoplankton Using Sediment Traps Data. <i>Oceanology</i> , 2018, 58, 479-486.	1.2	5
27	The influence of integral solar radiation on the spring bloom of phytoplankton in the Ucha Reservoir. <i>Moscow University Biological Sciences Bulletin</i> , 2009, 64, 37-43.	0.7	4
28	Interannual variability of the zooplankton on the shelf of the northeastern Black Sea in the autumn period. <i>Oceanology</i> , 2011, 51, 814-825.	1.2	4
29	Depth-integrated and depth-resolved models of Kara Sea primary production. <i>Oceanology</i> , 2016, 56, 515-526.	1.2	4
30	Distribution of bacterioplankton with active metabolism in waters of the St. Anna Trough, Kara Sea, in autumn 2011. <i>Oceanology</i> , 2017, 57, 114-121.	1.2	4
31	Phytoplankton photoadaptation to photoinhibition in the tropical part of the Atlantic Ocean. <i>Doklady Biological Sciences</i> , 2014, 454, 26-28.	0.6	3
32	Vertical variability of primary production and chlorophyll a in the Drake Passage during the austral spring period (October–November). <i>Moscow University Biological Sciences Bulletin</i> , 2013, 68, 19-24.	0.7	2
33	Verification of Kara Sea primary production models with field and satellite observations. <i>Oceanology</i> , 2016, 56, 799-808.	1.2	2
34	On the Problem of Assessing the Resistance of Planktonic Community to Adverse Influences. <i>Russian Journal of Ecology</i> , 2005, 36, 266-270.	0.9	1
35	Evaluation of ecosystem status in the shelf-slope zone of the northeastern Black Sea based on the trophic index (TRIX). <i>Oceanology</i> , 2016, 56, 114-117.	1.2	1
36	Distribution of polychlorinated biphenyls-transforming and polychlorinated biphenyls-tolerant bacteria in the seas of the temperate and polar latitudes with different levels of polychlorinated biphenyls. <i>Moscow University Biological Sciences Bulletin</i> , 2013, 68, 75-82.	0.7	0

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37	Measurement of water column primary production using photosynthesis-irradiance relations for surface phytoplankton, the vertical chlorophyll profile, and underwater light intensity. <i>Oceanology</i> , 2016, 56, 637-642.	1.2	0
38	Ecological and Microbiological Studies of Lake Beloe in Winter and Spring with the Use of Innovation Test-Systems. <i>Water Resources</i> , 2019, 46, 959-965.	0.9	0
39	Dataset of phytoplankton productive parameters and environmental forces in autumn in the Kara Sea. <i>Data in Brief</i> , 2019, 22, 821-825.	1.0	0
40	Method for Increasing Planktonic Organisms Concentration during the Study of Water Bodies Ecological State. <i>Safety in Technosphere</i> , 2021, 9, 3-9.	0.1	0