

# Alexey Mishonov

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,608  
citations

394421

19  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3865  
citing authors

#	ARTICLE	IF	CITATIONS
1	World ocean heat content and thermosteric sea level change (0â€“2000Åm), 1955â€“2010. Geophysical Research Letters, 2012, 39, .	4.0	751
2	Global ocean heat content 1955â€“2008 in light of recently revealed instrumentation problems. Geophysical Research Letters, 2009, 36, .	4.0	558
3	Global POC concentrations from in-situ and satellite data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 718-740.	1.4	169
4	Ecological anomalies in the East China Sea: Impacts of the Three Gorges Dam?. Water Research, 2007, 41, 1287-1293.	11.3	138
5	Determining true particulate organic carbon: bottles, pumps and methodologies. Deep-Sea Research Part II: Topical Studies in Oceanography, 2003, 50, 655-674.	1.4	107
6	The World Ocean Database. Data Science Journal, 2013, 12, WDS229-WDS234.	1.3	105
7	Upper Ocean Temperatures Hit Record High in 2020. Advances in Atmospheric Sciences, 2021, 38, 523-530.	4.3	99
8	Multispectral remote-sensing algorithms for particulate organic carbon (POC): The Gulf of Mexico. Remote Sensing of Environment, 2009, 113, 50-61.	11.0	71
9	Global assessment of benthic nepheloid layers and linkage with upper ocean dynamics. Earth and Planetary Science Letters, 2018, 482, 126-134.	4.4	68
10	Remote sensing and surface POC concentration in the South Atlantic. Deep-Sea Research Part II: Topical Studies in Oceanography, 2003, 50, 2997-3015.	1.4	61
11	Changes in freshwater content in the North Atlantic Ocean 1955â€“2006. Geophysical Research Letters, 2007, 34, .	4.0	50
12	Another Record: Ocean Warming Continues through 2021 despite La NiÃ±a Conditions. Advances in Atmospheric Sciences, 2022, 39, 373-385.	4.3	47
13	Global comparison of benthic nepheloid layers based on 52â€“years of nephelometer and transmissometer measurements. Progress in Oceanography, 2018, 168, 100-111.	3.2	46
14	Particle dynamics in the Eastern Mediterranean Sea: A synthesis based on light transmission, PMC, and POC archives (1991â€“2001). Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 177-202.	1.4	43
15	Plankton communities of the South Atlantic anticyclonic gyre. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 255-268.	0.7	37
16	Oceanography north of 60Å°N from World Ocean Database. Progress in Oceanography, 2015, 132, 153-173.	3.2	37
17	Recent warming and decadal variability of Gulf of Maine and Slope Water. Limnology and Oceanography, 2021, 66, 3472-3488.	3.1	34
18	Variability of phytoplankton and mesozooplankton biomass in the subtropical and tropical Atlantic Ocean. Marine Ecology - Progress Series, 2003, 250, 125-144.	1.9	26

#	ARTICLE	IF	CITATIONS
19	Multidecadal variability and climate shift in the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 4985-4993.	4.0	23
20	Resilience of the Gulf Stream path on decadal and longer timescales. <i>Scientific Reports</i> , 2019, 9, 11549.	3.3	21
21	A comparison of hydrographically and optically derived mixed layer depths. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	19
22	AWESOME OCIM: A simple, flexible, and powerful tool for modeling elemental cycling in the oceans. <i>Chemical Geology</i> , 2020, 533, 119403.	3.3	15
23	Decadal Comparisons of Particulate Matter in Repeat Transects in the Atlantic, Pacific, and Indian Ocean Basins. <i>Geophysical Research Letters</i> , 2018, 45, 277-286.	4.0	14
24	Model-based remote sensing algorithms for particulate organic carbon (POC) in the Northeastern Gulf of Mexico. <i>Journal of Earth System Science</i> , 2009, 118, 1-10.	1.3	11
25	2013 World Ocean Atlas Aids High-Resolution Climate Studies. <i>Eos</i> , 2014, 95, 369-370.	0.1	11
26	Eddy-Resolving In Situ Ocean Climatologies of Temperature and Salinity in the Northwest Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 41-58.	2.6	10
27	Seasonal and Long-Term Variability of the Black Sea Optical Parameters. , 1997, , 33-48.		10
28	Regional Climatology of the Northwest Atlantic Ocean: High-Resolution Mapping of Ocean Structure and Change. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 2129-2138.	3.3	8
29	Distribution, Sources, and Dynamics of Particulate Matter Along Trans-Arctic Sections. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	7
30	A model study of the relative influences of scavenging and circulation on <sup>230</sup> Th and <sup>231</sup> Pa in the western North Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 155, 103159.	1.4	6
31	Title is missing!. <i>Physical Oceanography</i> , 2003, 13, 14-26.	0.9	2
32	Incorporating Discrete Unmanned Maritime System Data Collections Into NCEI Synthesized Data Products. , 2020, , .		2
33	<title>Optical parameters of the Black Sea waters: long term variability and present status</title>. , 1997, , .		1
34	Optical Studies by the MHI of the Eastern Mediterranean: Available Data and Some Results. , 1999, , 127-139.		1
35	Reconstruction of the spectrum of the radiance coefficient from measurements at fixed wavelengths. <i>Physical Oceanography</i> , 1994, 5, 119-124.	0.9	0