

Andrei Bagaev

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,950
citations

840119

11
h-index

676716

22
g-index

31
all docs

31
docs citations

31
times ranked

1940
citing authors

#	ARTICLE	IF	CITATIONS
1	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020, 15, 023003.	2.2	469
2	On some physical and dynamical properties of microplastic particles in marine environment. <i>Marine Pollution Bulletin</i> , 2016, 108, 105-112.	2.3	426
3	Contributions of Fourier transform infrared spectroscopy in microplastic pollution research: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2681-2743.	6.6	183
4	Assessment of potential ecological risk of microplastics in the coastal sediments of India: A meta-analysis. <i>Marine Pollution Bulletin</i> , 2021, 163, 111969.	2.3	159
5	Secondary Microplastics Generation in the Sea Swash Zone With Coarse Bottom Sediments: Laboratory Experiments. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	144
6	Anthropogenic fibres in the Baltic Sea water column: Field data, laboratory and numerical testing of their motion. <i>Science of the Total Environment</i> , 2017, 599-600, 560-571.	3.9	135
7	On mechanical fragmentation of single-use plastics in the sea swash zone with different types of bottom sediments: Insights from laboratory experiments. <i>Marine Pollution Bulletin</i> , 2020, 150, 110726.	2.3	95
8	Three-dimensional distribution of anthropogenic microparticles in the body of sandy beaches. <i>Science of the Total Environment</i> , 2018, 628-629, 1340-1351.	3.9	77
9	Microplastics in different environmental compartments in India: Analytical methods, distribution, associated contaminants and research needs. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116071.	5.8	75
10	Anthropogenic microlitter in the Baltic Sea water column. <i>Marine Pollution Bulletin</i> , 2018, 129, 918-923.	2.3	60
11	Behavior of Microplastics in Coastal Zones. , 2018, , 175-223.		31
12	Thermohaline structure, transport and evolution of the Black Sea eddies from hydrological and satellite data. <i>Progress in Oceanography</i> , 2018, 167, 44-63.	1.5	30
13	A new method for analyzing microplastic particle size distribution in marine environmental samples. <i>Ecologica Montenegrina</i> , 0, 23, 77-86.	0.5	22
14	Investigations of plastic contamination of seawater, marine and coastal sediments in the Russian seas: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32264-32281.	2.7	13
15	Spring thermocline formation in the coastal zone of the southeastern Baltic Sea based on field data in 2010â€“2013. <i>Oceanology</i> , 2017, 57, 632-638.	0.3	12
16	The Black Sea Deep Current Velocities Estimated from the Data of Argo Profiling Floats. <i>Physical Oceanography</i> , 2016, , .	0.4	6
17	Three-dimensional numerical model of polychlorobiphenyls dynamics in the Black Sea. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2012, 27, .	0.2	3
18	Spring cold water intrusions as the beginning of the cold intermediate layer formation in the Baltic sea. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107141.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Oscillation of hydrophysical fields on the shelf and continental slope caused by nonstationary wind. Izvestiya - Atmospheric and Oceanic Physics, 2014, 50, 648-656.	0.2	2
20	Numerical modeling of the climatic circulation in the Black Sea with the help of the Mellorâ€“Yamada 2.5 parametrization. Physical Oceanography, 2011, 21, 211-220.	0.4	1
21	Sub-inertial oscillations in the Black Sea generated by the semidiurnal tidal potential. Izvestiya - Atmospheric and Oceanic Physics, 2017, 53, 624-631.	0.2	1
22	Statistical Analysis and Numerical Modeling of Hydrodynamical Sea Oscillation Parameters in Subinertial Range on the Crimean Shelf. Physical Oceanography, 2016, , .	0.4	1
23	Internal Waves on the Black Sea Shelf near the Heracles Peninsula: Modeling and Observation. Physical Oceanography, 2019, 26, .	0.4	1
24	A Tidal Semidiurnal Harmonic in the Black Sea Dynamics according to Numerical Modeling Results. Doklady Earth Sciences, 2018, 480, 607-610.	0.2	0
25	NUMERICAL SIMULATION OF THE SEMIDIURNAL TIDAL WAVE IMPACT ON THE BLACK SEA CLIMATIC CIRCULATION. , 2017, , .		0
26	microplastics, numerical modelling, the Baltic Sea, anthropogenic pollution. , 2017, , .		0
27	microplastics, numerical modelling, the Baltic Sea, anthropogenic pollution. , 2017, , .		0
28	NUMERICAL SIMULATION OF THE SEMIDIURNAL TIDAL WAVE IMPACT ON THE BLACK SEA CLIMATIC CIRCULATION. , 2017, , .		0