

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020, 15, 023003. | 2.2 | 469 |
| 8 | Internal Waves on the Black Sea Shelf near the Heracles Peninsula: Modeling and Observation. <i>Physical Oceanography</i> , 2019, 26, . | 0.4 | 1 |
| 9 | 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 |
| 10 | Anthropogenic microlitter in the Baltic Sea water column. <i>Marine Pollution Bulletin</i> , 2018, 129, 918-923. | 2.3 | 60 |
| 11 | A Tidal Semidiurnal Harmonic in the Black Sea Dynamics according to Numerical Modeling Results. <i>Doklady Earth Sciences</i> , 2018, 480, 607-610. | 0.2 | 0 |
| 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 | 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 |
| 14 | Behavior of Microplastics in Coastal Zones. , 2018, , 175-223. | | 31 |
| 15 | 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 |
| 16 | Sub-inertial oscillations in the Black Sea generated by the semidiurnal tidal potential. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 624-631. | 0.2 | 1 |
| 17 | Spring thermocline formation in the coastal zone of the southeastern Baltic Sea based on field data in 2010–2013. <i>Oceanology</i> , 2017, 57, 632-638. | 0.3 | 12 |
| 18 | NUMERICAL SIMULATION OF THE SEMIDIURNAL TIDAL WAVE IMPACT ON THE BLACK SEA CLIMATIC CIRCULATION. , 2017, , . | | 0 |

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|----|--|-----|-----------|
| 19 | microplastics, numerical modelling, the Baltic Sea, anthropogenic pollution. , 2017, , . | | 0 |
| 20 | microplastics, numerical modelling, the Baltic Sea, anthropogenic pollution. , 2017, , . | | 0 |
| 21 | NUMERICAL SIMULATION OF THE SEMIDIURNAL TIDAL WAVE IMPACT ON THE BLACK SEA CLIMATIC CIRCULATION. , 2017, , . | | 0 |
| 22 | On some physical and dynamical properties of microplastic particles in marine environment. Marine Pollution Bulletin, 2016, 108, 105-112. | 2.3 | 426 |
| 23 | The Black Sea Deep Current Velocities Estimated from the Data of Argo Profiling Floats. Physical Oceanography, 2016, , . | 0.4 | 6 |
| 24 | Statistical Analysis and Numerical Modeling of Hydrodynamical Sea Oscillation Parameters in Subinertial Range on the Crimean Shelf. Physical Oceanography, 2016, , . | 0.4 | 1 |
| 25 | 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 |
| 26 | Three-dimensional numerical model of polychlorobiphenyls dynamics in the Black Sea. Russian Journal of Numerical Analysis and Mathematical Modelling, 2012, 27, . | 0.2 | 3 |
| 27 | 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 |
| 28 | A new method for analyzing microplastic particle size distribution in marine environmental samples. Ecologica Montenegrina, 0, 23, 77-86. | 0.5 | 22 |