Alexander G Ostrovskii

List of Publications by Year
in descending order

39	611	758635	610482
papers	citations	12 h-index	24 g-index

46	46	46	487
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seasonal volume transport variation in the Tsushima Warm Current through the Tsushima Straits from 10 years of ADCP observations. Journal of Oceanography, 2010, 66, 539-551.	0.7	101
2	Submesoscale eddies at the caucasus Black Sea shelf and the mechanisms of their generation. Oceanology, 2011, 51, 554-567.	0.3	54
3	The Northeastward current southeast of Okinawa Island observed during November 2000 to August 2001. Geophysical Research Letters, 2003, 30, .	1.5	45
4	Observations of Eddies in the Japan Basin Interior. Journal of Oceanography, 1999, 55, 237-246.	0.7	37
5	Intense ventilation of the Black Sea pycnocline due to vertical turbulent exchange in the Rim Current area. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 116, 1-13.	0.6	34
6	Subsatellite polygon for studying hydrophysical processes in the Black Sea shelf-slope zone. Izvestiya - Atmospheric and Oceanic Physics, 2014, 50, 13-25.	0.2	33
7	Quasi-biennial variability in the Japan Sea. Journal of Geophysical Research, 2000, 105, 14011-14027.	3.3	29
8	Short-term hydrophysical and biological variability over the northeastern Black Sea continental slope as inferred from multiparametric tethered profiler surveys. Ocean Dynamics, 2011, 61, 797-806.	0.9	26
9	On the nature of short-period oscillations of the main Black Sea pycnocline, submesoscale eddies, and response of the marine environment to the catastrophic shower of 2012. Izvestiya - Atmospheric and Oceanic Physics, 2013, 49, 659-673.	0.2	21
10	Inversion of Upper Ocean Temperature Time Series for Entrainment, Advection, and Diffusivity. Journal of Physical Oceanography, 2000, 30, 201-214.	0.7	20
11	Interdecadal Variations of ENSO Signals and Annual Cycles Revealed by Wavelet Analysis. Journal of Oceanography, 1999, 55, 385-394.	0.7	19
12	Inversion for heat anomaly transport from sea surface temperature time series in the northwest Pacific. Journal of Geophysical Research, 1995, 100, 4845.	3.3	16
13	Advection and Diffusion in Random Media. , 1997, , .		16
14	Signatures of stirring and mixing in the Japan sea surface temperature patterns in autumn 1993 and spring 1994. Geophysical Research Letters, 1995, 22, 2357-2360.	1.5	12
15	Vertical turbulent exchange in the Black Sea pycnocline and its relation to water dynamics. Oceanology, 2017, 57, 492-504.	0.3	12
16	Submesoscale eddies in Peter the Great Bay of the Japan/East Sea in winter. Ocean Dynamics, 2019, 69, 443-462.	0.9	12
17	Studies of the hydrophysical processes over the shelf and upper part of the continental slope of the Black Sea with the use of traditional and new observation techniques. Oceanology, 2008, 48, 466-475.	0.3	11
18	Seasonal and interannual variability of vertical turbulent exchange coefficient in the Black Sea pycnocline in 2013â€“2016 and its relation to variability of mean kinetic energy of surface currents. Ocean Dynamics, 2020, 70, 199-211.	0.9	11

#	Article	IF	Citations
19	Satellite monitoring of pollution in the Russian sector of the Azov and Black Seas in 2003â€“2007. Russian Meteorology and Hydrology, 2007, 32, 669-674.	0.2	9
20	The Energy Spectrum of the Current Velocity in the Deep Part of the Black Sea. Doklady Earth Sciences, 2019, 488, 1222-1226.	0.2	9
21	A New Method for Obtaining Velocity and Diffusivity from Time-Dependent Distributions of a Tracer via the Maximum Likelihood Estimator for the Advectionâ€“Diffusion Equation. Journal of Computational Physics, 1997, 133, 340-360.	1.9	8
22	Multidisciplinary experiment on studying short-period variability of the sedimentary process in the northeastern part of the Black Sea. Doklady Earth Sciences, 2016, 469, 771-775.	0.2	8
23	The short timescale variability of the oxygen inventory in the NE Black Sea slope water. Ocean Science, 2018, 14, 1567-1579.	1.3	8
24	Observations of the fractal properties of the Japan Sea surface temperature patterns. International Journal of Remote Sensing, 1993, 14, 2185-2201.	1.3	7
25	Space monitoring of pollution of the Russian sector of the Azov-Black Sea basin in 2008. Russian Meteorology and Hydrology, 2009, 34, 137-147.	0.2	6
26	Sinking of less dense water in the bottom Ekman layer formed by a coastal downwelling current over a sloping bottom. Oceanology, 2017, 57, 478-484.	0.3	6
27	Fine-scale water mass variability inside a narrow submarine canyon (the BesÃ²s Canyon) in the NW Mediterranean Sea. Scientia Marina, 2016, 80, 195-204.	0.3	6
28	Akvazond moored automatic measuring system for vertical profiling of the marine medium. Oceanology, 2008, 48, 275-283.	0.3	5
29	Turbulent mixing and its contribution to the oxygen flux in the northwestern boundary current region of the Japan/East Sea, Aprilâ€“October 2015. Journal of Marine Systems, 2021, 224, 103619.	0.9	5
30	Automated Tethered Profiler for Hydrophysical and Bio-Optical Measurements in the Black Sea Carbon Observational Site. Journal of Marine Science and Engineering, 2022, 10, 322.	1.2	5
31	Advection and dissipation rates in the upper ocean mixed layer heat anomaly budget over the North Atlantic in summer. Journal of Geophysical Research, 2003, 108, .	3.3	4
32	Vertical structure of currents in the upper part of the continental slope of the Black Sea in the Region of Gelendzhik. Izvestiya - Atmospheric and Oceanic Physics, 2017, 53, 632-640.	0.2	4
33	A project of concrete stabilized spar buoy as a coastal environmental observation and maritime safety platform. Journal of Ocean Engineering and Marine Energy, 2021, 7, 115-127.	0.9	3
34	Seasonal variation of the sound-scattering zooplankton vertical distribution in the oxygen-deficient waters of the NE Black Sea. Ocean Science, 2021, 17, 953-974.	1.3	3
35	Water exchange off the southern Primorye coast in the Japan Sea from satellite imagery and long-term in situ measurements. Sovremennye Problemy Distantsionnogo Zondirovaniya Zemli Iz Kosmosa, 2019, 16, 196-206.	0.1	2
36	Seasonal Variability of Near-Inertial Internal Waves in the Deep Central Part of the Black Sea. Journal of Marine Science and Engineering, 2022, 10, 557.	1.2	2

#	Article	IF	Citations
37	Laboratory Study of Turbulent Mass Exchange in a Stratified Fluid. Journal of Marine Science and Engineering, 2022, 10, 756.	1.2	2
38	<title>Wavelet analysis of NOAA AVHRR multichannel surface temperature of the Japan Sea</title>. , 1995, 2586, 74.		0
39	Development of microstructure measurements meeting the Baltic Sea conditions. , 2010, , .		0