Roman E Zdorovennov

List of Publications by Year
in descending order

37 papers	765 citations	623734 14 h-index	526287 27 g-index
39 all docs	39 docs citations	39 times ranked	779 citing authors

#	Article	IF	Citations
1	Deriving Six Components of Reynolds Stress Tensor from Single-ADCP Data. Water (Switzerland), 2021, 13, 2389.	2.7	3
2	Dissolved Oxygen in a Shallow Ice-Covered Lake in Winter: Effect of Changes in Light, Thermal and Ice Regimes. Water (Switzerland), 2021, 13, 2435.	2.7	10
3	Ice-covering hydrological and hydrochemical investigations on the Lena River delta. E3S Web of Conferences, 2020, 163, 05003.	0.5	0
4	Arctic climate variability and ice regime of the Lena River delta lakes. E3S Web of Conferences, 2020, 163, 04008.	0.5	1
5	Turbulence in the stratified boundary layer under ice: observations from Lake Baikal and a new similarity model. Hydrology and Earth System Sciences, 2020, 24, 1691-1708.	4.9	13
6	Diurnal variation in the convection-driven vertical distribution of phytoplankton under ice and after ice-off in large Lake Onego (Russia). Inland Waters, 2019, 9, 193-204.	2.2	14
7	Effect of Under-Ice Light Intensity and Convective Mixing on Chlorophyll a Distribution in a Small Mesotrophic Lake. Water Resources, 2019, 46, 384-394.	0.9	8
8	Giant ice rings on lakes and field observations of lensâ€like eddies in the Middle Baikal (2016â€“2017). Limnology and Oceanography, 2019, 64, 2738-2754.	3.1	14
9	Spatial Distribution of Phytoplankton in the Subarctic Estuary (Kemâ€™ River, the White Sea). Oceanology, 2019, 59, 305-315.	1.2	5
10	Structure and dynamics of convective mixing in Lake Onego under ice-covered conditions. Inland Waters, 2019, 9, 177-192.	2.2	15
11	Under-ice convection dynamics in a boreal lake. Inland Waters, 2019, 9, 142-161.	2.2	45
12	Fine scale structure of convective mixed layer in ice-covered lake. Environmental Fluid Mechanics, 2019, 19, 751-764.	1.6	22
13	Albedo of a Small Ice-Covered Boreal Lake: Daily, Meso-Scale and Interannual Variability on the Background of Regional Climate. Geosciences (Switzerland), 2018, 8, 206.	2.2	4
14	Short Internal Waves in a Small Ice-Covered Lake. Water Resources, 2018, 45, 695-705.	0.9	3
15	POSSIBLE EFFECT OF AN UNUSUAL SPRING ON THE DISSOLVED OXYGEN IN A SHALLOW LAKE DURING THE SUMMER. Transactions of the Karelian Research Centre of the Russian Academy of Sciences, 2017, , 17.	0.1	1
16	Ice-covered Lake Onega: effects of radiation on convection and internal waves. Hydrobiologia, 2016, 780, 21-36.	2.0	39
17	THE OXYGEN REGIME OF A SHALLOW LAKE. Geography, Environment, Sustainability, 2016, 9, 47-57.	1.3	6
18	OPTICAL PROPERTIES OF LAKE VENDYURSKOE. Geography, Environment, Sustainability, 2016, 9, 74-87.	1.3	3

#	Article	IF	Citations
19	Contrasting summer phytoplankton communities in stratified and mixed waters of the white sea. Oceanology, 2014, 54, 730-738.	1.2	6
20	Multidisciplinary investigations of the White Sea System in the expedition of the R/V Ekolog in the summer of 2013. Oceanology, 2014, 54, 808-811.	1.2	2
21	Interannual variability of ice and snow cover of a small shallow lake. Estonian Journal of Earth Sciences, 2013, 62, 26.	1.1	14
22	Long-term characteristics of ice phenology in Karelian lakes. Estonian Journal of Earth Sciences, 2013, 62, 33.	1.1	18
23	Optical properties of the ice cover on Vendyurskoe lake, Russian Karelia (1995â€“2012). Annals of Glaciology, 2013, 54, 121-124.	1.4	6
24	Physics of seasonally ice-covered lakes: a review. Aquatic Sciences, 2012, 74, 659-682.	1.5	284
25	Field Studies of Non-Linear Internal Waves in Lakes on the Globe. Advances in Geophysical and Environmental Mechanics and Mathematics, 2012, , 23-103.	0.2	5
26	Manifestation of marine and riverine factors in the tide and ebb phases along the white sea coasts of different configuration. Oceanology, 2011, 51, 105-117.	1.2	3
27	Nonlinear internal waves in a large lake. Doklady Earth Sciences, 2011, 441, 1715-1718.	0.7	0
28	Hydrophysical aspects of oxygen regime formation in a shallow ice-covered lake. Water Resources, 2010, 37, 662-673.	0.9	23
29	Multidisciplinary investigations of the white sea during the period of the summer low water in 2009 onboard the R/V Ekolog. Oceanology, 2010, 50, 630-634.	1.2	4
30	Some features of the thermal and dissolved oxygen structure in boreal, shallow ice-covered Lake Vendyurskoe, Russia. Aquatic Ecology, 2009, 43, 617-627.	1.5	57
31	Multidisciplinary studies in Onega Bay of the White Sea and the estuary of the Onega River during the summer period. Oceanology, 2008, 48, 255-267.	1.2	7
32	Studies of hydrophysical processes during monitoring of the anthropogenic impact on coastal basins using the example of Mamala Bay of Oahu Island in Hawaii. Oceanology, 2007, 47, 769-787.	1.2	20
33	Motion of water in an ice-covered shallow lake. Water Resources, 2007, 34, 113-122.	0.9	21
34	The thermal structure of a shallow lake in early winter. Water Resources, 2006, 33, 135-143.	0.9	25
35	Mathematical modeling of the ecosystem functioning conditions in the Chupa Estuary of the White Sea: Transformation of organogenic substances and bioproductivity of the marine environment. Water Resources, 2006, 33, 543-567.	0.9	6
36	Absorption of Solar Radiation by Snow-and-Ice Cover of Lakes. Water Resources, 2005, 32, 496-504.	0.9	31

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37	Monitoring Tidal Conditions in Estuaries of the Karelian Coast of the White Sea. Water Resources, 2005, 32, 611-628.	0.9	23