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	Physics of seasonally ice-covered lakes: a review. Aquatic Sciences, 2012, 74, 659-682.	1.5	284
2	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
3	Under-ice convection dynamics in a boreal lake. Inland Waters, 2019, 9, 142-161.	2.2	45
4	Ice-covered Lake Onega: effects of radiation on convection and internal waves. Hydrobiologia, 2016, 780, 21-36.	2.0	39
5	Absorption of Solar Radiation by Snow-and-Ice Cover of Lakes. Water Resources, 2005, 32, 496-504.	0.9	31
6	The thermal structure of a shallow lake in early winter. Water Resources, 2006, 33, 135-143.	0.9	25
7	Monitoring Tidal Conditions in Estuaries of the Karelian Coast of the White Sea. Water Resources, 2005, 32, 611-628.	0.9	23
8	Hydrophysical aspects of oxygen regime formation in a shallow ice-covered lake. Water Resources, 2010, 37, 662-673.	0.9	23
9	Fine scale structure of convective mixed layer in ice-covered lake. Environmental Fluid Mechanics, 2019, 19, 751-764.	1.6	22
10	Motion of water in an ice-covered shallow lake. Water Resources, 2007, 34, 113-122.	0.9	21
11	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
12	Long-term characteristics of ice phenology in Karelian lakes. Estonian Journal of Earth Sciences, 2013, 62, 33.	1.1	18
13	Structure and dynamics of convective mixing in Lake Onego under ice-covered conditions. Inland Waters, 2019, 9, 177-192.	2.2	15
14	Interannual variability of ice and snow cover of a small shallow lake. Estonian Journal of Earth Sciences, 2013, 62, 26.	1.1	14
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	Optical properties of the ice cover on Vendyurskoe lake, Russian Karelia (1995â€“2012). Annals of Glaciology, 2013, 54, 121-124.	1.4	6
23	Contrasting summer phytoplankton communities in stratified and mixed waters of the white sea. Oceanology, 2014, 54, 730-738.	1.2	6
24	THE OXYGEN REGIME OF A SHALLOW LAKE. Geography, Environment, Sustainability, 2016, 9, 47-57.	1.3	6
25	Spatial Distribution of Phytoplankton in the Subarctic Estuary (Kemâ€™ River, the White Sea). Oceanology, 2019, 59, 305-315.	1.2	5
26	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
27	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
28	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
29	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
30	Short Internal Waves in a Small Ice-Covered Lake. Water Resources, 2018, 45, 695-705.	0.9	3
31	Deriving Six Components of Reynolds Stress Tensor from Single-ADCP Data. Water (Switzerland), 2021, 13, 2389.	2.7	3
32	OPTICAL PROPERTIES OF LAKE VENDYURSKOE. Geography, Environment, Sustainability, 2016, 9, 74-87.	1.3	3
33	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
34	Arctic climate variability and ice regime of the Lena River delta lakes. E3S Web of Conferences, 2020, 163, 04008.	0.5	1
35	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
36	Nonlinear internal waves in a large lake. Doklady Earth Sciences, 2011, 441, 1715-1718.	0.7	0

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37	Ice-covering hydrological and hydrochemical investigations on the Lena River delta. E3S Web of Conferences, 2020, 163, 05003.	0.5	0