

Irina V Fedorova

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

844
citations

1039406

9
h-index

887659

17
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35
all docs

35
docs citations

35
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Arctic terrestrial hydrology: A synthesis of processes, regional effects, and research challenges. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 621-649.	1.3	293
2	Baseline characteristics of climate, permafrost and land cover from a new permafrost observatory in the Lena River Delta, Siberia (1998–2011). <i>Biogeosciences</i> , 2013, 10, 2105-2128.	1.3	144
3	Spatial analyses of thermokarst lakes and basins in Yedoma landscapes of the Lena Delta. <i>Cryosphere</i> , 2011, 5, 849-867.	1.5	121
4	Evolution of thermokarst in East Siberian ice-rich permafrost: A case study. <i>Geomorphology</i> , 2013, 201, 363-379.	1.1	92
5	Lena Delta hydrology and geochemistry: long-term hydrological data and recent field observations. <i>Biogeosciences</i> , 2015, 12, 345-363.	1.3	69
6	Thermal processes of thermokarst lakes in the continuous permafrost zone of northern Siberia – observations and modeling (Lena River Delta, Siberia). <i>Biogeosciences</i> , 2015, 12, 5941-5965.	1.3	38
7	A long-term (2002 to 2017) record of closed-path and open-path eddy covariance CO ₂ and net ecosystem exchange fluxes from the Siberian Arctic. <i>Earth System Science Data</i> , 2019, 11, 221-240.	3.7	20
8	Terrestrial CDOM in Lakes of Yamal Peninsula: Connection to Lake and Lake Catchment Properties. <i>Remote Sensing</i> , 2018, 10, 167.	1.8	14
9	PAN-EURASIAN EXPERIMENT (PEEX) PROGRAM: AN OVERVIEW OF THE FIRST 5 YEARS IN OPERATION AND FUTURE PROSPECTS. <i>Geography, Environment, Sustainability</i> , 2018, 11, 6-19.	0.6	11
10	Methane dynamics in three different Siberian water bodies under winter and summer conditions. <i>Biogeosciences</i> , 2021, 18, 2047-2061.	1.3	5
11	Retention time of lakes in the Larsemann Hills oasis, East Antarctica. <i>Cryosphere</i> , 2021, 15, 2667-2682.	1.5	5
12	High-resolution bathymetry models for the Lena Delta and Kolyma Gulf coastal zones. <i>Earth System Science Data</i> , 2022, 14, 2279-2301.	3.7	4
13	A novel intra- and extracellular distribution pattern of elemental sulfur in <i>Pseudomonas</i> sp. C27-driven denitrifying sulfide removal process. <i>Environmental Research</i> , 2022, 213, 113674.	3.7	4
14	The 11th International Conference on Permafrost (Potsdam, Germany, 20–24 June, 2016).. <i>Earth's Cryosphere</i> , 2017, , .	0.5	3
15	Approaches to assessment and GIS mapping of sustainability and environmental well-being of geosystems. Part IV. Integrated assessment of ecological well-being of terrestrial and aquatic ecosystems. <i>Vestnik of Saint Petersburg University Geology Geography</i> , 2016, , 37-53.	0.0	2
16	Coloured dissolved organic matter in aquatic ecosystems of three representative regions of the Arctic according to the data obtained in year 2019. <i>E3S Web of Conferences</i> , 2020, 163, 04006.	0.2	1
17	Arctic climate variability and ice regime of the Lena River delta lakes. <i>E3S Web of Conferences</i> , 2020, 163, 04008.	0.2	1
18	Monetization of the Ecosystem Services of the Russian Arctic and the Assessment of Investment Risks. <i>Ecology and Industry of Russia</i> , 2020, 24, 51-57.	0.2	1

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19	MODELING OF THERMIC PROCESS OF THE ARCTIC AQUATIC ECOSYSTEMS. , 2019, , .		1
20	LIQUID GAS TRAFFIC IN THE ARCTIC UNDER CLIMATE WARMING. , 2018, , .		1
21	Ice-covering hydrological and hydrochemical investigations on the Lena River delta. E3S Web of Conferences, 2020, 163, 05003.	0.2	0
22	ARCTIC CLIMATE AS A FACTOR OF ECOLOGICAL RISK. , 2013, , .		0
23	CLIMATE AND ANTHROPOGENIC IMPACT FOR THE OB AND THE LENA RIVERS. , 2018, , .		0
24	Experience in a Complex Study of Small Lakes in the City to Assess their Environmental Status and Anthropogenic Pollution. , 2020, , .		0
25	THE RESEARCH OF THE YAMAL PENINSULA LAKE BOTTOM SEDIMENTS BY THE IMPLEMENTATION OF SUBFOSSIL CLADOCERA ASSEMBLAGES ANALYSIS. , 2020, , .		0
26	AN EXPERIMENTAL ASSESSMENT OF THE AVAILABILITY AND MINERALIZATION RATE OF ORGANIC MATTER OF SEDIMENTS IN WATER BODIES OF PERMAFROST ECOSYSTEMS. , 2020, , .		0
27	ASSESSMENT OF RISKS OF HAZARDOUS HYDROMETEOROLOGICAL EVENTS OF BAIKAL REGION. , 2021, , .		0