Gleb Kraev

List of Publications by Year
in descending order

28 papers	477 citations	759055 12 h-index	713332 21 g-index
28 all docs	28 docs citations	28 times ranked	677 citing authors

#	Article	IF	Citations
1	Biogeochemistry of methane and methanogenic archaea in permafrost. FEMS Microbiology Ecology, 2007, 61, 1-15.	1.3	118
2	Circum-Arctic Map of the Yedoma Permafrost Domain. Frontiers in Earth Science, 2021, 9, .	0.8	49
3	Subsea permafrost carbon stocks and climate change sensitivity estimated by expert assessment. Environmental Research Letters, 2020, 15, 124075.	2.2	34
4	Two decades of active layer thickness monitoring in northeastern Asia. Polar Geography, 2021, 44, 186-202.	0.8	32
5	Cryogenic Displacement and Accumulation of Biogenic Methane in Frozen Soils. Atmosphere, 2017, 8, 105.	1.0	31
6	Supplied, demanded and consumed ecosystem services: Prospects for national assessment in Russia. Ecological Indicators, 2017, 78, 351-360.	2.6	30
7	Estimation and Sensitivity of Carbon Storage in Permafrost of North-Eastern Yakutia. Permafrost and Periglacial Processes, 2017, 28, 379-390.	1.5	26
8	Methane in Gas Shows from Boreholes in Epigenetic Permafrost of Siberian Arctic. Geosciences (Switzerland), 2019, 9, 67.	1.0	23
9	A twenty year retrospective on the forest carbon dynamics in Russia. Contemporary Problems of Ecology, 2011, 4, 706-715.	0.3	19
10	Greenhouse gas emission from the cold soils of Eurasia in natural settings and under human impact: Controls on spatial variability. Geoderma Regional, 2020, 22, e00290.	0.9	17
11	Permafrost Degradation within Eastern Chukotka CALM Sites in the 21st Century Based on CMIP5 Climate Models. Geosciences (Switzerland), 2019, 9, 232.	1.0	14
12	Cryogenesis as a factor of methane distribution in layers of permafrost. Doklady Earth Sciences, 2013, 451, 882-885.	0.2	13
13	Interannual changes in PAR and soil moisture during warm season may be more important than temperature fluctuations in directing annual carbon balance in Tundra. Biology Bulletin Reviews, 2013, 3, 371-387.	0.3	10
14	Erodibility of permafrost exposures in the coasts of Eastern Chukotka. Polar Science, 2016, 10, 374-381.	0.5	10
15	Community Ice Cellars In Eastern Chukotka: Climatic And Anthropogenic Influences On Structural Stability. Geography, Environment, Sustainability, 2020, 13, 49-56.	0.6	10
16	Human footprints on greenhouse gas fluxes in cryogenic ecosystems. Doklady Earth Sciences, 2017, 477, 1467-1469.	0.2	8
17	Hazards of Activation of Cryogenic Processes in the Arctic Community: A Geopenetrating Radar Study in Lorino, Chukotka, Russia. Geosciences (Switzerland), 2020, 10, 57.	1.0	6
18	Long-term active layer monitoring at CALM sites in the Russian European North. Polar Geography, 2021, 44, 203-216.	0.8	6

#	Article	IF	Citations
19	Spatial and Temporal Variability of Permafrost in the Western Part of the Russian Arctic. Energies, 2022, 15, 2311.	1.6	6
20	Accumulation of Methane in Permafrost-Affected Soils of Cryolithozone. Arctic Environmental Research, 2017, , 173-184.	0.3	5
21	Periglacial Landforms and Fluid Dynamics in the Permafrost Domain: A Case from the Taz Peninsula, West Siberia. Energies, 2022, 15, 2794.	1.6	3
22	Seasonal Thawing of Soils in the Beringia Region in Changing Climatic Conditions. Arctic Environmental Research, 2017, , 283-294.	0.3	2
23	Soil Organic Matter in Soils of Suburban Landscapes of Yamal Region: Humification Degree and Mineralizing Risks. Energies, 2022, 15, 2301.	1.6	2
24	The Permafrost Young Researchers Network (PYRN) is getting older: The past, present, and future of our evolving community. Polar Record, 2019, 55, 216-219.	0.4	1
25	Coastal Hazards Within Indigenous Settlements of Chukchi Peninsula. , 2014, , 33-36.		1
26	Thermal regime of Cryosols and underlying permafrost in North Yakutia in the context of global climate change. IOP Conference Series: Earth and Environmental Science, 2021, 862, 012045.	0.2	1
27	GPR Profiling-Based Permafrost Table Modeling. , 2017, , .		0
28	IMPLICATIONS OF PERMAFROST CONDITIONS TRANSFORMATION TO INDIGENOUS COMMUNITIES OF EASTERN CHUKOTKA. , 2018, , .		0