Oxana Masyagina

List of Publications by Year
in descending order

25 papers	367 citations	1163117 8 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	627 citing authors

#	Article	IF	Citations
1	Carbon dioxide emissions and vegetation recovery in fire-affected forest ecosystems of Siberia: Recent local estimations. Current Opinion in Environmental Science and Health, 2021, 23, 100283.	4.1	4
2	Age-Dependent Changes in Soil Respiration and Associated Parameters in Siberian Permafrost Larch Stands Affected by Wildfire. Forests, 2021, 12, 107.	2.1	7
3	The impact of permafrost on carbon dioxide and methane fluxes in Siberia: A meta-analysis. Environmental Research, 2020, 182, 109096.	7.5	41
4	A comparative study of soil processes in depletion and accumulation zones of permafrost landslides in Siberia. Landslides, 2020, 17, 2577-2587.	5.4	0
5	The Effect of Post-Fire Disturbances on a Seasonally Thawed Layer in the Permafrost Larch Forests of Central Siberia. Forests, 2020, 11, 790.	2.1	13
6	Soil respiration in larch and pine ecosystems of the Krasnoyarsk region (Russian Federation): a latitudinal comparative study. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	5
7	Post-Fire Effect Modeling for the Permafrost Zone in Central Siberia on the Basis of Remote Sensing Data. Proceedings (mdpi), 2019, 18, 6.	0.2	5
8	Permafrost landslides promote soil CO2 emission and hinder C accumulation. Science of the Total Environment, 2019, 657, 351-364.	8.0	22
9	Permafrost Regime Affects the Nutritional Status and Productivity of Larches in Central Siberia. Forests, 2018, 9, 314.	2.1	22
10	Soil Co2 Emission, Microbial Activity, C and N After Landsliding Disturbance in Permafrost Area of Siberia. , 2017, , 231-237.		0
11	Intraseasonal carbon sequestration and allocation in larch trees growing on permafrost in Siberia after 13C labeling (two seasons of 2013â€“2014 observation). Photosynthesis Research, 2016, 130, 267-274.	2.9	6
12	Post fire organic matter biodegradation in permafrost soils: Case study after experimental heating of mineral horizons. Science of the Total Environment, 2016, 573, 1255-1264.	8.0	8
13	Dynamics of soil respiration at different stages of pyrogenic restoration succession with different-aged burns in Evenkia as an example. Russian Journal of Ecology, 2015, 46, 27-35.	0.9	14
14	Modeling of the thermal influence of fires on the physicochemical properties and microbial activity of litter in cryogenic soils. Eurasian Soil Science, 2014, 47, 809-818.	1.6	6
15	Soil Sliding in Continuous Permafrost Terrain of Siberia: The Case Study of Soil Respiration and Soil Microbial Activity Dynamics During Ecosystem Re-establishment. , 2013, , 355-360.		1
16	Soil respiration in model plantations under conditions of elevated CO2 in the atmosphere (Hokkaido) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	2
17	The influence of thinning on the ecological conditions and soil respiration in a larch forest on Hokkaido Island. Eurasian Soil Science, 2010, 43, 693-700.	1.6	12
18	Carbon Dynamics of Larch Plantations in Northeastern China and Japan. Ecological Studies, 2010, , 385-411.	1.2	2

#	Article	IF	Citations
19	Soil Respiration in Larch Forests. Ecological Studies, 2010, , 165-182.	1.2	4
20	Mixed-power scaling of whole-plant respiration from seedlings to giant trees. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1447-1451.	7.1	173
21	Respiration of Larch trees. Ecological Studies, 2010, , 289-302.	1.2	1
22	Influence of temperature on fractional composition of proteins and respiration of germinating seeds of Gmelin and Siberian larch. Contemporary Problems of Ecology, 2009, 2, 611-619.	0.7	0
23	Effect of spatial variation of soil respiration rates following disturbance by timber harvesting in a larch plantation in northern Japan. Forest Science and Technology, 2006, 2, 80-91.	0.8	12
24	Carbon photoassimilation by dominant species of mosses and lichens in pine forests of Central Siberia. IOP Conference Series: Earth and Environmental Science, 0, 611, 012031.	0.3	0
25	Larch: A Promising Deciduous Conifer as an Eco-Environmental Resource. , 0, , .		7