

Konstantin Gavazov

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,071
citations

430843

18
h-index

610883

24
g-index

26
all docs

26
docs citations

26
times ranked

2060
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-microbial linkages underpin carbon sequestration in contrasting mountain tundra vegetation types. <i>Soil Biology and Biochemistry</i> , 2022, 165, 108530.	8.8	15
2	Lowland plant arrival in alpine ecosystems facilitates a decrease in soil carbon content under experimental climate warming. <i>ELife</i> , 2022, 11, .	6.0	4
3	Carbon loss from northern circumpolar permafrost soils amplified by rhizosphere priming. <i>Nature Geoscience</i> , 2020, 13, 560-565.	12.9	72
4	Carbon and nitrogen cycling in Yedoma permafrost controlled by microbial functional limitations. <i>Nature Geoscience</i> , 2020, 13, 794-798.	12.9	45
5	Meshes in mesocosms control solute and biota exchange in soils: A step towards disentangling (a)biotic impacts on the fate of thawing permafrost. <i>Applied Soil Ecology</i> , 2020, 151, 103537.	4.3	5
6	The Legacy Effects of Winter Climate on Microbial Functioning After Snowmelt in a Subarctic Tundra. <i>Microbial Ecology</i> , 2019, 77, 186-190.	2.8	8
7	Above- and belowground linkages shape responses of mountain vegetation to climate change. <i>Science</i> , 2019, 365, 1119-1123.	12.6	135
8	Drought-induced decline of productivity in the dominant grassland species <i>Lolium perenne</i> L. depends on soil type and prevailing climatic conditions. <i>Soil Biology and Biochemistry</i> , 2019, 132, 47-57.	8.8	30
9	Vascular plant-mediated controls on atmospheric carbon assimilation and peat carbon decomposition under climate change. <i>Global Change Biology</i> , 2018, 24, 3911-3921.	9.5	48
10	Seasonality alters drivers of soil enzyme activity in subalpine grassland soil undergoing climate change. <i>Soil Biology and Biochemistry</i> , 2018, 124, 266-274.	8.8	13
11	Long-term in situ permafrost thaw effects on bacterial communities and potential aerobic respiration. <i>ISME Journal</i> , 2018, 12, 2129-2141.	9.8	73
12	Climate change effects on the stability and chemistry of soil organic carbon pools in a subalpine grassland. <i>Biogeochemistry</i> , 2017, 132, 123-139.	3.5	34
13	Winter ecology of a subalpine grassland: Effects of snow removal on soil respiration, microbial structure and function. <i>Science of the Total Environment</i> , 2017, 590-591, 316-324.	8.0	54
14	Responses of soil properties and crop yields to different inorganic and organic amendments in a Swiss conventional farming system. <i>Agriculture, Ecosystems and Environment</i> , 2016, 230, 116-126.	5.3	121
15	Environmental drivers of carbon and nitrogen isotopic signatures in peatland vascular plants along an altitude gradient. <i>Oecologia</i> , 2016, 180, 257-264.	2.0	24
16	Seasonal influence of climate manipulation on microbial community structure and function in mountain soils. <i>Soil Biology and Biochemistry</i> , 2015, 80, 296-305.	8.8	70
17	Biotic and Abiotic Constraints on the Decomposition of <i>Fagus sylvatica</i> Leaf Litter Along an Altitudinal Gradient in Contrasting Land-Use Types. <i>Ecosystems</i> , 2014, 17, 1326-1337.	3.4	19
18	Diminished soil functions occur under simulated climate change in a sup-alpine pasture, but heterotrophic temperature sensitivity indicates microbial resilience. <i>Science of the Total Environment</i> , 2014, 473-474, 465-472.	8.0	27

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19	Transplantation of subalpine wood-pasture turfs along a natural climatic gradient reveals lower resistance of unwooded pastures to climate change compared to wooded ones. <i>Oecologia</i> , 2014, 174, 1425-1435.	2.0	21
20	Dynamics of Forage Production in Pasture-woodlands of the Swiss Jura Mountains under Projected Climate Change Scenarios. <i>Ecology and Society</i> , 2013, 18, .	2.3	30
21	Isotopic analysis of cyanobacterial nitrogen fixation associated with subarctic lichen and bryophyte species. <i>Plant and Soil</i> , 2010, 333, 507-517.	3.7	61
22	Dynamics of alpine plant litter decomposition in a changing climate. <i>Plant and Soil</i> , 2010, 337, 19-32.	3.7	87
23	Reduced early growing season freezing resistance in alpine treeline plants under elevated atmospheric CO ₂ . <i>Global Change Biology</i> , 2010, 16, 1057-1070.	9.5	71