

Sabine Reinsch

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

4,152
citations

430874

18
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

9667
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Drought and Warming Alter Soil Bacterial and Fungal Communities in an Upland Heathland. <i>Ecosystems</i> , 2022, 25, 1279-1294.	3.4	13
2	Field experiments underestimate aboveground biomass response to drought. <i>Nature Ecology and Evolution</i> , 2022, 6, 540-545.	7.8	30
3	Soil health cluster analysis based on national monitoring of soil indicators. <i>European Journal of Soil Science</i> , 2021, 72, 2414-2429.	3.9	26
4	Evidence for large microbial-mediated losses of soil carbon under anthropogenic warming. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 507-517.	29.7	85
5	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). <i>Methods in Ecology and Evolution</i> , 2020, 11, 22-37.	5.2	68
6	Contrasting impacts of manure and inorganic fertilizer applications for nine years on soil organic carbon and its labile fractions in bulk soil and soil aggregates. <i>Catena</i> , 2020, 194, 104739.	5.0	80
7	Reviews and syntheses: Soil responses to manipulated precipitation changes – an assessment of meta-analyses. <i>Biogeosciences</i> , 2020, 17, 3859-3873.	3.3	24
8	Zones of influence for soil organic matter dynamics: A conceptual framework for data and models. <i>Global Change Biology</i> , 2019, 25, 3996-4007.	9.5	13
9	Accumulation of soil carbon under elevated CO ₂ unaffected by warming and drought. <i>Global Change Biology</i> , 2019, 25, 2970-2977.	9.5	17
10	Global environmental changes impact soil hydraulic functions through biophysical feedbacks. <i>Global Change Biology</i> , 2019, 25, 1895-1904.	9.5	60
11	Isotopic methods for non-destructive assessment of carbon dynamics in shrublands under long-term climate change manipulation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 866-880.	5.2	6
12	Large shrubs increase soil nutrients in a semi-arid savanna. <i>Geoderma</i> , 2018, 310, 153-162.	5.1	65
13	Resistance of soil protein depolymerization rates to eight years of elevated CO ₂ , warming, and summer drought in a temperate heathland. <i>Biogeochemistry</i> , 2018, 140, 255-267.	3.5	13
14	Development and analysis of the Soil Water Infiltration Global database. <i>Earth System Science Data</i> , 2018, 10, 1237-1263.	9.9	85
15	Leaf dry matter content is better at predicting above-ground net primary production than specific leaf area. <i>Functional Ecology</i> , 2017, 31, 1336-1344.	3.6	57
16	Shrubland primary production and soil respiration diverge along European climate gradient. <i>Scientific Reports</i> , 2017, 7, 43952.	3.3	23
17	Decrease in heathland soil labile organic carbon under future atmospheric and climatic conditions. <i>Biogeochemistry</i> , 2017, 133, 17-36.	3.5	16
18	Inter-annual Variability of Soil Respiration in Wet Shrublands: Do Plants Modulate Its Sensitivity to Climate?. <i>Ecosystems</i> , 2017, 20, 796-812.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Activity of Type I Methanotrophs Dominates under High Methane Concentration: Methanotrophic Activity in Slurry Surface Crusts as Influenced by Methane, Oxygen, and Inorganic Nitrogen. <i>Journal of Environmental Quality</i> , 2017, 46, 767-775.	2.0	10
20	Few multiyear precipitation–reduction experiments find a shift in the productivity–precipitation relationship. <i>Global Change Biology</i> , 2016, 22, 2570-2581.	9.5	105
21	Quantifying global soil carbon losses in response to warming. <i>Nature</i> , 2016, 540, 104-108.	27.8	879
22	Experimental evidence for drought induced alternative stable states of soil moisture. <i>Scientific Reports</i> , 2016, 6, 20018.	3.3	49
23	Temperature response of soil respiration largely unaltered with experimental warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13797-13802.	7.1	308
24	Enhanced priming of old, not new soil carbon at elevated atmospheric CO ₂ . <i>Soil Biology and Biochemistry</i> , 2016, 100, 140-148.	8.8	39
25	A decade of free-air CO ₂ enrichment increased the carbon throughput in a grass-clover ecosystem but did not drastically change carbon allocation patterns. <i>Functional Ecology</i> , 2014, 28, 538-545.	3.6	18
26	Short-term utilization of carbon by the soil microbial community under future climatic conditions in a temperate heathland. <i>Soil Biology and Biochemistry</i> , 2014, 68, 9-19.	8.8	18
27	Impact of future climatic conditions on the potential for soil organic matter priming. <i>Soil Biology and Biochemistry</i> , 2013, 65, 133-140.	8.8	24
28	<i>In situ</i> ¹³ C CO ₂ pulse-labeling in a temperate heathland – development of a mobile multi-plot field setup. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1417-1428.	1.5	8
29	TRY – a global database of plant traits. <i>Global Change Biology</i> , 2011, 17, 2905-2935.	9.5	2,002