

Jessica Ernakovich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4546774/publications.pdf>

Version: 2024-02-01

24
papers

1,211
citations

567281

15
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicted responses of arctic and alpine ecosystems to altered seasonality under climate change. <i>Global Change Biology</i> , 2014, 20, 3256-3269.	9.5	297
2	Potential carbon emissions dominated by carbon dioxide from thawed permafrost soils. <i>Nature Climate Change</i> , 2016, 6, 950-953.	18.8	288
3	A pan-Arctic synthesis of CH ₄ and CO ₂ production from anoxic soil incubations. <i>Global Change Biology</i> , 2015, 21, 2787-2803.	9.5	138
4	The Microbiome Stress Project: Toward a Global Meta-Analysis of Environmental Stressors and Their Effects on Microbial Communities. <i>Frontiers in Microbiology</i> , 2018, 9, 3272.	3.5	126
5	Controls on the Temperature Sensitivity of Soil Enzymes: A Key Driver of In Situ Enzyme Activity Rates. <i>Soil Biology</i> , 2010, , 245-258.	0.8	63
6	Assessing the sensitivity and repeatability of permanganate oxidizable carbon as a soil health metric: An interlab comparison across soils. <i>Geoderma</i> , 2020, 366, 114235.	5.1	36
7	Microbiome assembly in thawing permafrost and its feedbacks to climate. <i>Global Change Biology</i> , 2022, 28, 5007-5026.	9.5	34
8	Altered microbial structure and function after thermokarst formation. <i>Global Change Biology</i> , 2021, 27, 823-835.	9.5	33
9	Permafrost microbial community traits and functional diversity indicate low activity at in situ thaw temperatures. <i>Soil Biology and Biochemistry</i> , 2015, 87, 78-89.	8.8	32
10	Chemical Indicators of Cryoturbation and Microbial Processing throughout an Alaskan Permafrost Soil Depth Profile. <i>Soil Science Society of America Journal</i> , 2015, 79, 783-793.	2.2	30
11	The Transition From Stochastic to Deterministic Bacterial Community Assembly During Permafrost Thaw Succession. <i>Frontiers in Microbiology</i> , 2020, 11, 596589.	3.5	29
12	Decomposability of soil organic matter over time: the Soil Incubation Database (SIDb, version 1.0) and guidance for incubation procedures. <i>Earth System Science Data</i> , 2020, 12, 1511-1524.	9.9	26
13	Redox and temperature-sensitive changes in microbial communities and soil chemistry dictate greenhouse gas loss from thawed permafrost. <i>Biogeochemistry</i> , 2017, 134, 183-200.	3.5	22
14	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. <i>PLoS ONE</i> , 2020, 15, e0233297.	2.5	20
15	Long-term effects of copper exposure to agricultural soil function and microbial community structure at a controlled and experimental field site. <i>Environmental Pollution</i> , 2020, 263, 114411.	7.5	18
16	We Must Stop Fossil Fuel Emissions to Protect Permafrost Ecosystems. <i>Frontiers in Environmental Science</i> , 0, 10, .	3.3	9
17	A combined microbial and ecosystem metric of carbon retention efficiency explains land cover-dependent soil microbial biodiversity-ecosystem function relationships. <i>Biogeochemistry</i> , 2021, 153, 1-15.	3.5	5
18	Is A Common Goal A False Hope in Convergence Research?: Opportunities and Challenges of International Convergence Research to Address Arctic Change. <i>Earth's Future</i> , 2021, 9, e2020EF001865.	6.3	4

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19	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0
20	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0
21	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0
22	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0
23	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0
24	Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils. , 2020, 15, e0233297.		0