

Gerardo Celis

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,456
citations

448610

19
h-index

536525

29
g-index

29
all docs

29
docs citations

29
times ranked

2692
citing authors

#	ARTICLE	IF	CITATIONS
1	Representativeness assessment of the pan-Arctic eddy covariance site network and optimized future enhancements. <i>Biogeosciences</i> , 2022, 19, 559-583.	1.3	21
2	Tundra Underlain By Thawing Permafrost Persistently Emits Carbon to the Atmosphere Over 15 Years of Measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006044.	1.3	19
3	Statistical upscaling of ecosystem CO ₂ fluxes across the terrestrial tundra and boreal domain: Regional patterns and uncertainties. <i>Global Change Biology</i> , 2021, 27, 4040-4059.	4.2	83
4	Projecting Permafrost Thaw of Sub-Arctic Tundra With a Thermodynamic Model Calibrated to Site Measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006218.	1.3	11
5	FLUXNET-CH ₄ : a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021, 13, 3607-3689.	3.7	79
6	Experimental soil warming and permafrost thaw increase CH ₄ emissions in an upland tundra ecosystem. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006376.	1.3	3
7	Carbon dynamics and soil greenhouse fluxes in a Florida's native rangeland before and after fire. <i>Agricultural and Forest Meteorology</i> , 2021, 311, 108682.	1.9	8
8	Factors shaping alternate successional trajectories in burned black spruce forests of Alaska. <i>Ecosphere</i> , 2020, 11, e03129.	1.0	39
9	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. <i>Nature Geoscience</i> , 2019, 12, 627-631.	5.4	137
10	Large loss of CO ₂ in winter observed across the northern permafrost region. <i>Nature Climate Change</i> , 2019, 9, 852-857.	8.1	225
11	Using Stable Carbon Isotopes of Seasonal Ecosystem Respiration to Determine Permafrost Carbon Loss. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 46-60.	1.3	8
12	Fuelâ€reduction management alters plant composition, carbon and nitrogen pools, and soil thaw in Alaskan boreal forest. <i>Ecological Applications</i> , 2018, 28, 149-161.	1.8	4
13	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. <i>Environmental Research Letters</i> , 2018, 13, 105002.	2.2	31
14	Biotic responses buffer warmingâ€induced soil organic carbon loss in Arctic tundra. <i>Global Change Biology</i> , 2018, 24, 4946-4959.	4.2	21
15	Methane Efflux Measured by Eddy Covariance in Alaskan Upland Tundra Undergoing Permafrost Degradation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2695-2710.	1.3	27
16	Adding Depth to Our Understanding of Nitrogen Dynamics in Permafrost Soils. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2497-2512.	1.3	73
17	When roads appear jaguars decline: Increased access to an Amazonian wilderness area reduces potential for jaguar conservation. <i>PLoS ONE</i> , 2018, 13, e0189740.	1.1	60
18	Nonlinear CO ₂ flux response to 7Âyears of experimentally induced permafrost thaw. <i>Global Change Biology</i> , 2017, 23, 3646-3666.	4.2	64

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19	Tundra is a consistent source of CO ₂ at a site with progressive permafrost thaw during 6 years of chamber and eddy covariance measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1471-1485.	1.3	29
20	Nitrogen availability increases in a tundra ecosystem during five years of experimental permafrost thaw. <i>Global Change Biology</i> , 2016, 22, 1927-1941.	4.2	153
21	Temperature sensitivity of organic matter decomposition of permafrost-region soils during laboratory incubations. <i>Soil Biology and Biochemistry</i> , 2016, 97, 1-14.	4.2	73
22	Steeply Increasing Growth Differential Between Mixture and Monocultures of Tropical Trees. <i>Biotropica</i> , 2015, 47, 162-171.	0.8	27
23	Experimental Warming Alters Productivity and Isotopic Signatures of Tundra Mosses. <i>Ecosystems</i> , 2015, 18, 1070-1082.	1.6	34
24	Permafrost thaw and soil moisture driving CO ₂ and CH ₄ release from upland tundra. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 525-537.	1.3	163
25	Soil Changes in Model Tropical Ecosystems: Effects of Stand Longevity Outweigh Plant Diversity and Tree Species Identity in a Fertile Volcanic Soil. <i>Ecosystems</i> , 2014, 17, 820-836.	1.6	4
26	Diel patterns of leaf carbohydrate concentrations differ between seedlings and mature trees of two sympatric oak species. <i>Botany</i> , 2014, 92, 535-540.	0.5	16
27	Aclimataci3n de pl3ntulas de <i>Gnetum leyboldii</i> Tul. (Gnetaceae) a los cambios de luz en un bosque lluvioso tropical. <i>Revista De Biologia Tropical</i> , 2013, 61, .	0.1	1
28	Acclimation of seedlings of <i>Gnetum leyboldii</i> Tul. (Gnetaceae) to light changes in a tropical rain forest. <i>Revista De Biologia Tropical</i> , 2013, 61, 1859-68.	0.1	4
29	Restoring abandoned pasture land with native tree species in Costa Rica: Effects of exotic grass competition and light. <i>Forest Ecology and Management</i> , 2011, 261, 1598-1604.	1.4	39