

Jack A Hutchings

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

842
citations

567247

15
h-index

642715

23
g-index

23
all docs

23
docs citations

23
times ranked

1669
citing authors

#	ARTICLE	IF	CITATIONS
1	Grazing enhances belowground carbon allocation, microbial biomass, and soil carbon in a subtropical grassland. <i>Global Change Biology</i> , 2018, 24, 2997-3009.	9.5	157
2	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. <i>Nature Geoscience</i> , 2019, 12, 627-631.	12.9	137
3	Widespread global peatland establishment and persistence over the last 130,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4822-4827.	7.1	82
4	The spatial distribution of soil organic carbon in tidal wetland soils of the continental United States. <i>Global Change Biology</i> , 2017, 23, 5468-5480.	9.5	65
5	Nonlinear CO_2 flux response to 7 years of experimentally induced permafrost thaw. <i>Global Change Biology</i> , 2017, 23, 3646-3666.	9.5	64
6	Carbon storage in the Mississippi River delta enhanced by environmental engineering. <i>Nature Geoscience</i> , 2017, 10, 846-851.	12.9	41
7	Tidal Wetland Gross Primary Production Across the Continental United States, 2000–2019. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006349.	4.9	36
8	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. <i>Environmental Research Letters</i> , 2018, 13, 105002.	5.2	31
9	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.	3.0	29
10	No honor among snails: Conspecific competition leads to incomplete drill holes by a naticid gastropod. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 379-380, 32-38.	2.3	27
11	Partitioning of organic carbon among density fractions in surface sediments of Fiordland, New Zealand. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1016-1031.	3.0	26
12	Importance of lateral flux and its percolation depth on organic carbon export in Arctic tundra soil: Implications from a soil leaching experiment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 796-810.	3.0	25
13	A rapid and precise method for the analysis of underivatized amino acids in natural samples using volatile-ion-pairing reverse-phase liquid chromatography–electrospray ionization tandem mass spectrometry. <i>Organic Geochemistry</i> , 2018, 115, 46-56.	1.8	23
14	Characterizing blue carbon stocks in <i>Thalassia testudinum</i> meadows subjected to different phosphorus supplies: A lignin biomarker approach. <i>Limnology and Oceanography</i> , 2018, 63, 2630-2646.	3.1	19
15	Millennial-scale carbon accumulation and molecular transformation in a permafrost core from Interior Alaska. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 253, 231-248.	3.9	19
16	Differential effects of solid-phase extraction resins on the measurement of dissolved lignin phenols and organic matter composition in natural waters. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 22-34.	2.0	15
17	A note on edge drilling predation by naticid gastropods. <i>Journal of Molluscan Studies</i> , 2014, 80, 206-212.	1.2	14
18	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.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Carbon Deposition and Burial in Estuarine Sediments of the Contiguous United States. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006376.	4.9	8
20	Fecal stanol ratios indicate shifts in camelid pastoralism in the highlands of Peru across a 4,000-year lacustrine sequence. <i>Quaternary Science Reviews</i> , 2021, 270, 107193.	3.0	6
21	Organic matter source and thermal maturity within the Late Cretaceous Niobrara Formation, U.S. Western Interior. <i>Marine and Petroleum Geology</i> , 2017, 86, 812-822.	3.3	5
22	Recent Warming Fuels Increased Organic Carbon Export From Arctic Permafrost. <i>AGU Advances</i> , 2021, 2, e2021AV000396.	5.4	3
23	Organic carbon characteristics in Swedish forest soil trace post-depositional carbon dynamics. <i>European Journal of Soil Science</i> , 2016, 67, 492-503.	3.9	2