Jack A Hutchings

List of Publications by Year in Descending Order

23 papers	512 citations	13 h-index	22 g-index
23 ext. papers	668 ext. citations	6.5 avg, IF	3.75 L-index

#	Paper	IF	Citations
23	Recent Warming Fuels Increased Organic Carbon Export From Arctic Permafrost. *AGU Advances*, **2021**, 2, e2021AV000396	5.4	2
22	Fecal stanol ratios indicate shifts in camelid pastoralism in the highlands of Peru across a 4,000-year lacustrine sequence. *Quaternary Science Reviews*, **2021**, 270, 107193	3.9	
21	Tidal Wetland Gross Primary Production Across the Continental United States, 2000–2019. *Global Biogeochemical Cycles*, **2020**, 34, e2019GB006349	5.9	14
20	Carbon Deposition and Burial in Estuarine Sediments of the Contiguous United States. *Global Biogeochemical Cycles*, **2020**, 34, e2019GB006376	5.9	3
19	Millennial-scale carbon accumulation and molecular transformation in a permafrost core from Interior Alaska. *Geochimica Et Cosmochimica Acta*, **2019**, 253, 231-248	5.5	9
18	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. *Nature Geoscience*, **2019**, 12, 627-631	18.3	85
17	Widespread global peatland establishment and persistence over the last 130,000 y. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4822-4827	11.5	48
16	Using Stable Carbon Isotopes of Seasonal Ecosystem Respiration to Determine Permafrost Carbon Loss. *Journal of Geophysical Research G: Biogeosciences*, **2019**, 124, 46-60	3.7	7
15	Grazing enhances belowground carbon allocation, microbial biomass, and soil carbon in a subtropical grassland. *Global Change Biology*, **2018**, 24, 2997-3009	11.4	75
14	Characterizing blue carbon stocks in Thalassia testudinum meadows subjected to different phosphorus supplies: A lignin biomarker approach. *Limnology and Oceanography*, **2018**, 63, 2630-2646	4.8	9
13	Differential effects of solid-phase extraction resins on the measurement of dissolved lignin-phenols and organic matter composition in natural waters. *Limnology and Oceanography: Methods*, **2018**, 16, 22-34	2.6	6
12	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. *Organic Geochemistry*, **2018**, 115, 46-56	3.1	17
11	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. *Environmental Research Letters*, **2018**, 13, 105002	6.2	20
10	Nonlinear CO flux response to 7 years of experimentally induced permafrost thaw. *Global Change Biology*, **2017**, 23, 3646-3666	11.4	49
9	Importance of lateral flux and its percolation depth on organic carbon export in Arctic tundra soil: Implications from a soil leaching experiment. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 796-810	3.7	15
8	Carbon storage in the Mississippi River delta enhanced by environmental engineering. *Nature Geoscience*, **2017**, 10, 846-851	18.3	28
7	The spatial distribution of soil organic carbon in tidal wetland soils of the continental United States. *Global Change Biology*, **2017**, 23, 5468-5480	11.4	46

List of Publications

6	Tundra is a consistent source of CO2 at a site with progressive permafrost thaw during 6 years of chamber and eddy covariance measurements. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 1471-1485	3.7	21
5	Organic matter source and thermal maturity within the Late Cretaceous Niobrara Formation, U.S. Western Interior. *Marine and Petroleum Geology*, **2017**, 86, 812-822	4.7	3
4	Organic carbon characteristics in Swedish forest soil trace post-depositional carbon dynamics. *European Journal of Soil Science*, **2016**, 67, 492-503	3.4	2
3	Partitioning of organic carbon among density fractions in surface sediments of Fiordland, New Zealand. *Journal of Geophysical Research G: Biogeosciences*, **2016**, 121, 1016-1031	3.7	20
2	A note on edge drilling predation by naticid gastropods. *Journal of Molluscan Studies*, **2014**, 80, 206-212	1.1	12
1	No honor among snails: Conspecific competition leads to incomplete drill holes by a naticid gastropod. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2013**, 379-380, 32-38	2.9	21