## Brian A Branfireun

List of Publications by Year in descending order

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623734 713466 21 677 14 21 citations h-index g-index papers 21 21 21 915 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Experimental evidence for recovery of mercury-contaminated fish populations. Nature, 2022, 601, 74-78.	27.8	38
2	Inferring spatial patterns of mercury exposure in migratory boreal songbirds: Combining feather mercury and stable isotope (l´2H) measurements. Science of the Total Environment, 2021, 762, 143109.	8.0	8
3	Feathers accurately reflect blood mercury at time of feather growth in a songbird. Science of the Total Environment, 2021, 775, 145739.	8.0	19
4	Responses of oribatid mites to warming in boreal peatlands depend on fen type. Pedobiologia, 2021, 89, 150772.	1.2	14
5	Mercury accumulation in sediments of Lhù'ÃÃn MânÊ⅓ (Kluane Lake, YT): Response to past hydrological change. Arctic, Antarctic, and Alpine Research, 2021, 53, 179-195.	1.1	1
6	Mercury cycling in freshwater systems - An updated conceptual model. Science of the Total Environment, 2020, 745, 140906.	8.0	58
7	Global change alters peatland carbon cycling through plant biomass allocation. Plant and Soil, 2020, 455, 53-64.	3.7	11
8	Simulated climate warming increases plant community heterogeneity in two types of boreal peatlands in north–central Canada. Journal of Vegetation Science, 2020, 31, 908-919.	2.2	15
9	Watershed influences on mercury in tributaries to Lake Ontario. Ecotoxicology, 2020, 29, 1614-1626.	2.4	8
10	Arsenic, chromium, and other elements of concern in fish from remote boreal lakes and rivers: Drivers of variation and implications for subsistence consumption. Environmental Pollution, 2020, 259, 113878.	<b>7.</b> 5	13
11	Vertical stratification of peatland microbial communities follows a gradient of functional types across hummock–hollow microtopographies. Ecoscience, 2019, 26, 249-258.	1.4	17
12	Evidence of negative seasonal carryâ€over effects of breeding ground mercury exposure on survival of migratory songbirds. Journal of Avian Biology, 2018, 49, jav-01656.	1.2	27
13	Dietary exposure to methylmercury affects flight endurance in a migratory songbird. Environmental Pollution, 2018, 234, 894-901.	7.5	34
14	Northern peatland carbon dynamics driven by plant growth form â€" the role of graminoids. Plant and Soil, 2017, 415, 25-35.	3.7	22
15	Climate change effects on peatland decomposition and porewater dissolved organic carbon biogeochemistry. Biogeochemistry, 2016, 128, 385-396.	3.5	48
16	Enhanced carbon release under future climate conditions in a peatland mesocosm experiment: the role of phenolic compounds. Plant and Soil, 2016, 400, 81-91.	3.7	25
17	Climate change drives a shift in peatland ecosystem plant community: Implications for ecosystem function and stability. Global Change Biology, 2015, 21, 388-395.	9.5	204
18	Mercury in sediment, water, and fish in a managed tropical wetland-lake ecosystem. Science of the Total Environment, 2015, 524-525, 260-268.	8.0	17

#	Article	IF	CITATIONS
19	Hydrological and biogeochemical controls on plant species distribution within calcareous fens. Ecohydrology, 2012, 5, 73-89.	2.4	27
20	Water storage dynamics and runoff response of a boreal Shield headwater catchment. Hydrological Processes, 2011, 25, 3042-3060.	2.6	46
21	Does microtopography influence subsurface pore-water chemistry? Implications for the study of methylmercury in peatlands. Wetlands, 2004, 24, 207-211.	1.5	25