

Nora Casson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2730529/publications.pdf>

Version: 2024-02-01

34
papers

1,113
citations

567144

15
h-index

414303

32
g-index

36
all docs

36
docs citations

36
times ranked

1916
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in ebullitive methane release from small, shallow ponds present challenges for scaling. <i>Science of the Total Environment</i> , 2022, 802, 149685.	3.9	9
2	Spring coherence in dissolved organic carbon export dominates total coherence in Boreal Shield forested catchments. <i>Environmental Research Letters</i> , 2022, 17, 014048.	2.2	7
3	Future of Winter in Northeastern North America: Climate Indicators Portray Warming and Snow Loss That Will Impact Ecosystems and Communities. <i>Northeastern Naturalist</i> , 2022, 28, .	0.1	9
4	Nitrogen dynamics and nitrogen-to-phosphorus stoichiometry in cold region agricultural streams. <i>Journal of Environmental Quality</i> , 2021, 50, 653-666.	1.0	2
5	Hydrological and catchment controls on event-scale dissolved organic carbon dynamics in boreal headwater streams. <i>Hydrological Processes</i> , 2021, 35, e14279.	1.1	14
6	Linking Dominant Rainfall-Runoff Event Hydrologic Response Dynamics With Nitrate and Chloride Load Estimates of Three Boreal Shield Catchments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006187.	1.3	2
7	Defining frigid winter illuminates its loss across seasonally snow-covered areas of eastern North America. <i>Environmental Research Letters</i> , 2020, 15, 034020.	2.2	9
8	Long-Term Responses of Nutrient Budgets to Concurrent Climate-Related Stressors in a Boreal Watershed. <i>Ecosystems</i> , 2019, 22, 363-378.	1.6	15
9	Northern forest winters have lost cold, snowy conditions that are important for ecosystems and human communities. <i>Ecological Applications</i> , 2019, 29, e01974.	1.8	51
10	Landscape Controls on Nutrient Export during Snowmelt and an Extreme Rainfall Runoff Event in Northern Agricultural Watersheds. <i>Journal of Environmental Quality</i> , 2019, 48, 841-849.	1.0	20
11	Biosignature detection by Mars rover equivalent instruments in samples from the CanMars Mars Sample Return Analogue Deployment. <i>Planetary and Space Science</i> , 2019, 176, 104683.	0.9	17
12	Biological effects of water velocity and other hydrodynamic characteristics of flow on dreissenid mussels. <i>Hydrobiologia</i> , 2019, 837, 1-14.	1.0	7
13	Comparison of event-specific rainfall-runoff responses and their controls in contrasting geographic areas. <i>Hydrological Processes</i> , 2019, 33, 1961-1979.	1.1	16
14	The effect of freeze-thaw cycles on phosphorus release from riparian macrophytes in cold regions. <i>Canadian Water Resources Journal</i> , 2019, 44, 160-173.	0.5	11
15	The role of wetland coverage within the near-stream zone in predicting of seasonal stream export chemistry from forested headwater catchments. <i>Hydrological Processes</i> , 2019, 33, 1465-1475.	1.1	27
16	Winter Weather Whiplash: Impacts of Meteorological Events Misaligned With Natural and Human Systems in Seasonally Snow-Covered Regions. <i>Earth's Future</i> , 2019, 7, 1434-1450.	2.4	43
17	Hydrological and Seasonal Controls of Phosphorus in Northern Great Plains Agricultural Streams. <i>Journal of Environmental Quality</i> , 2019, 48, 978-987.	1.0	9
18	Influence of soil temperature and moisture on the dissolved carbon, nitrogen, and phosphorus in organic matter entering lake ecosystems. <i>Biogeochemistry</i> , 2018, 139, 293-305.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Nitrogen and Phosphorus Loads to Temperate Seepage Lakes Associated With Allochthonous Dissolved Organic Carbon Loads. <i>Geophysical Research Letters</i> , 2018, 45, 5481-5490.	1.5	41
20	A model for training undergraduate students in collaborative science. <i>Facets</i> , 2018, 3, 818-829.	1.1	5
21	Nitrous Oxide and Dinitrogen: The Missing Flux in Nitrogen Budgets of Forested Catchments?. <i>Environmental Science & Technology</i> , 2017, 51, 6036-6043.	4.6	11
22	Internal phosphorus loading in Canadian fresh waters: a critical review and data analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 2005-2029.	0.7	155
23	The ecology of methane in streams and rivers: patterns, controls, and global significance. <i>Ecological Monographs</i> , 2016, 86, 146-171.	2.4	360
24	Summer storms trigger soil N ₂ O efflux episodes in forested catchments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 95-108.	1.3	17
25	Snow-covered soils produce N ₂ O that is lost from forested catchments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2356-2368.	1.3	6
26	Regional meteorological drivers and long term trends of winter-spring nitrate dynamics across watersheds in northeastern North America. <i>Biogeochemistry</i> , 2016, 130, 247-265.	1.7	16
27	High-Speed Limnology: Using Advanced Sensors to Investigate Spatial Variability in Biogeochemistry and Hydrology. <i>Environmental Science & Technology</i> , 2015, 49, 442-450.	4.6	82
28	Controls on soil nitrification and stream nitrate export at two forested catchments. <i>Biogeochemistry</i> , 2014, 121, 355-368.	1.7	14
29	Sources of nitrate export during rain-on-snow events at forested catchments. <i>Biogeochemistry</i> , 2014, 120, 23-36.	1.7	20
30	Spatial and temporal patterns in total phosphorus in south-central Ontario streams: the role of wetlands and past disturbance. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 766-774.	0.7	14
31	An assessment of the nutrient status of sugar maple in Ontario: indications of phosphorus limitation. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5917-5927.	1.3	20
32	Impact of winter warming on the timing of nutrient export from forested catchments. <i>Hydrological Processes</i> , 2012, 26, 2546-2554.	1.1	26
33	The contribution of rain-on-snow events to nitrate export in the forested landscape of south-central Ontario, Canada. <i>Hydrological Processes</i> , 2010, 24, 1985-1993.	1.1	19
34	The ecology of methane in streams and rivers: patterns, controls, and global significance. <i>Ecological Monographs</i> , 0, , .	2.4	24