

Jeremy B Jones

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,790
citations

361413

20
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

2358
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated dissolved organic carbon biodegradability from thawing and collapsing permafrost. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2049-2063.	3.0	185
2	Stream dissolved organic matter bioavailability and composition in watersheds underlain with discontinuous permafrost. <i>Biogeochemistry</i> , 2009, 94, 255-270.	3.5	179
3	Vertical Hydrologic Exchange and Ecosystem Metabolism in a Sonoran Desert Stream. <i>Ecology</i> , 1995, 76, 942-952.	3.2	167
4	Permafrost collapse alters soil carbon stocks, respiration, CH_4 , and N_2O in upland tundra. <i>Global Change Biology</i> , 2015, 21, 4570-4587.	9.5	155
5	Seasonal export of carbon, nitrogen, and major solutes from Alaskan catchments with discontinuous permafrost. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	105
6	Continental-scale decrease in net primary productivity in streams due to climate warming. <i>Nature Geoscience</i> , 2018, 11, 415-420.	12.9	99
7	Mechanisms influencing changes in lake area in Alaskan boreal forest. <i>Global Change Biology</i> , 2011, 17, 2567-2583.	9.5	95
8	Timing of retrogressive thaw slump initiation in the Noatak Basin, northwest Alaska, USA. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1106-1120.	2.8	79
9	Long-term decline in carbon dioxide supersaturation in rivers across the contiguous United States. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	4.0	74
10	The influence of fire and permafrost on sub-arctic stream chemistry during storms. <i>Hydrological Processes</i> , 2007, 21, 423-434.	2.6	70
11	Thermo-erosion gullies increase nitrogen available for hydrologic export. <i>Biogeochemistry</i> , 2014, 117, 299-311.	3.5	61
12	Source water controls on the character and origin of dissolved organic matter in streams of the Yukon River basin, Alaska. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	54
13	Uptake of Allochthonous Dissolved Organic Matter from Soil and Salmon in Coastal Temperate Rainforest Streams. <i>Ecosystems</i> , 2009, 12, 747-759.	3.4	51
14	Catchment influence on nitrate and dissolved organic matter in Alaskan streams across a latitudinal gradient. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 350-369.	3.0	46
15	Precipitation and temperature drive continental-scale patterns in stream invertebrate production. <i>Science Advances</i> , 2019, 5, eaav2348.	10.3	45
16	Dissolved black carbon in boreal forest and glacial rivers of central Alaska: assessment of biomass burning versus anthropogenic sources. <i>Biogeochemistry</i> , 2015, 123, 15-25.	3.5	44
17	Nitrogen retention in the hyporheic zone of a glacial river in interior Alaska. <i>Biogeochemistry</i> , 2008, 88, 31-46.	3.5	38
18	River ecosystem conceptual models and non-perennial rivers: A critical review. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1473.	6.5	37

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19	Experimental nitrogen and phosphorus enrichment stimulates multiple trophic levels of algal and detrital-based food webs: a global meta-analysis from streams and rivers. <i>Biological Reviews</i> , 2021, 96, 692-715.	10.4	35
20	Precipitation control over inorganic nitrogen import-export budgets across watersheds: a synthesis of long-term ecological research. <i>Ecohydrology</i> , 2008, 1, 105-117.	2.4	26
21	Gradients of Anthropogenic Nutrient Enrichment Alter N Composition and DOM Stoichiometry in Freshwater Ecosystems. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB006953.	4.9	22
22	Shifting stoichiometry: Long-term trends in stream-dissolved organic matter reveal altered C:N ratios due to history of atmospheric acid deposition. <i>Global Change Biology</i> , 2022, 28, 98-114.	9.5	22
23	Detecting Signals of Large-scale Climate Phenomena in Discharge and Nutrient Loads in the Mississippi-Atchafalaya River Basin. <i>Geophysical Research Letters</i> , 2019, 46, 3791-3801.	4.0	21
24	Regional and intra-annual stability of dissolved organic matter composition and biolability in high-latitude Alaskan rivers. <i>Limnology and Oceanography</i> , 2018, 63, 1605-1621.	3.1	20
25	Hydrologic controls on nitrogen availability in a high-latitude, semi-arid floodplain. <i>Ecoscience</i> , 2008, 15, 366-376.	1.4	18
26	Baseflow physical characteristics differ at multiple spatial scales in stream networks across diverse biomes. <i>Landscape Ecology</i> , 2016, 31, 119-136.	4.2	15
27	Phosphorus Enhances Uptake of Dissolved Organic Matter in Boreal Streams. <i>Ecosystems</i> , 2018, 21, 675-688.	3.4	14
28	Reconstructing Missing and Anomalous Data Collected from High-Frequency In-Situ Sensors in Fresh Waters. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12803.	2.6	5
29	River ecosystem conceptual models and non-perennial rivers: A critical review. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, .	6.5	0