

Jason B Fellman

List of Publications by Year in descending order

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46
papers

4,179
citations

218592

26
h-index

223716

46
g-index

47
all docs

47
docs citations

47
times ranked

4123
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of stream dissolved organic matter composition following glacier retreat in coastal watersheds of southeast Alaska. <i>Biogeochemistry</i> , 2023, 164, 99-116.	1.7	12
2	A melting cryosphere constrains fish growth by synchronizing the seasonal phenology of river food webs. <i>Global Change Biology</i> , 2022, 28, 4807-4818.	4.2	10
3	Riverine Dissolved Organic Carbon and Freshwater Export in the Eastern Gulf of Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, .	1.3	18
4	Climate-Mediated Changes to Linked Terrestrial and Marine Ecosystems across the Northeast Pacific Coastal Temperate Rainforest Margin. <i>BioScience</i> , 2021, 71, 581-595.	2.2	23
5	Streamflow variability controls N and P export and speciation from Alaskan coastal temperate rainforest watersheds. <i>Biogeochemistry</i> , 2021, 152, 253-270.	1.7	4
6	Dissolved organic matter sources in glacierized watersheds delineated through compositional and carbon isotopic modeling. <i>Limnology and Oceanography</i> , 2021, 66, 438-451.	1.6	16
7	Assessing the Role of Photochemistry in Driving the Composition of Dissolved Organic Matter in Glacier Runoff. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006516.	1.3	7
8	Glacier Loss Impacts Riverine Organic Carbon Transport to the Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089804.	1.5	19
9	Stormflows Drive Stream Carbon Concentration, Speciation, and Dissolved Organic Matter Composition in Coastal Temperate Rainforest Watersheds. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005804.	1.3	8
10	Salmon-derived nutrient and organic matter fluxes from a coastal catchment in southeast Alaska. <i>Freshwater Biology</i> , 2019, 64, 1157-1168.	1.2	7
11	Radiative Forcing by Dust and Black Carbon on the Juneau Icefield, Alaska. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3943-3959.	1.2	24
12	Interactive physical and biotic factors control dissolved oxygen in salmon spawning streams in coastal Alaska. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	7
13	Beyond respiration: Controls on lateral carbon fluxes across the terrestrial-aquatic interface. <i>Limnology and Oceanography Letters</i> , 2018, 3, 76-88.	1.6	81
14	Tracing biogeochemical subsidies from glacier runoff into Alaska's coastal marine food webs. <i>Global Change Biology</i> , 2018, 24, 387-398.	4.2	25
15	Vulnerability of wetland soil carbon stocks to climate warming in the perhumid coastal temperate rainforest. <i>Biogeochemistry</i> , 2017, 133, 165-179.	1.7	19
16	Alluvial ground water influences dissolved organic matter biogeochemistry of pools within intermittent dryland streams. <i>Freshwater Biology</i> , 2016, 61, 1228-1241.	1.2	27
17	Dissolved Organic Carbon Fluxes from Hydropedologic Units in Alaskan Coastal Temperate Rainforest Watersheds. <i>Soil Science Society of America Journal</i> , 2015, 79, 378-388.	1.2	32
18	Evidence for the assimilation of ancient glacier organic carbon in a proglacial stream food web. <i>Limnology and Oceanography</i> , 2015, 60, 1118-1128.	1.6	79

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19	Stream Physical Characteristics Impact Habitat Quality for Pacific Salmon in Two Temperate Coastal Watersheds. PLoS ONE, 2015, 10, e0132652.	1.1	34
20	Storage and release of organic carbon from glaciers and ice sheets. Nature Geoscience, 2015, 8, 91-96.	5.4	262
21	Spatial Variation in the Origin of Dissolved Organic Carbon in Snow on the Juneau Icefield, Southeast Alaska. Environmental Science & Technology, 2015, 49, 11492-11499.	4.6	34
22	Stream temperature response to variable glacier coverage in coastal watersheds of Southeast Alaska. Hydrological Processes, 2014, 28, 2062-2073.	1.1	68
23	Dissolved organic carbon biolability decreases along with its modernization in fluvial networks in an ancient landscape. Ecology, 2014, 95, 2622-2632.	1.5	53
24	Seasonal variability of organic matter composition in an Alaskan glacier outflow: insights into glacier carbon sources. Environmental Research Letters, 2014, 9, 055005.	2.2	41
25	Source and biolability of ancient dissolved organic matter in glacier and lake ecosystems on the Tibetan Plateau. Geochimica Et Cosmochimica Acta, 2014, 142, 64-74.	1.6	186
26	Watershed Glacier Coverage Influences Dissolved Organic Matter Biogeochemistry in Coastal Watersheds of Southeast Alaska. Ecosystems, 2014, 17, 1014-1025.	1.6	27
27	Greater phosphorus uptake in forested headwater streams modified by clearfell forestry. Hydrobiologia, 2013, 703, 1-14.	1.0	10
28	Influence of stream floodplain biogeochemical linkages on aquatic foodweb structure along a gradient of stream size in a tropical catchment. Freshwater Science, 2013, 32, 217-229.	0.9	13
29	Allochthonous dissolved organic matter controls bacterial carbon production in old-growth and clearfelled headwater streams. Freshwater Science, 2013, 32, 821-836.	0.9	21
30	Leaf litter chemistry, decomposition and assimilation by macroinvertebrates in two tropical streams. Hydrobiologia, 2012, 680, 63-77.	1.0	35
31	The origin and function of dissolved organic matter in agro-urban coastal streams. Journal of Geophysical Research, 2011, 116, .	3.3	77
32	Hydrologic control of dissolved organic matter biogeochemistry in pools of a subtropical dryland river. Water Resources Research, 2011, 47, .	1.7	65
33	Source, biogeochemical cycling, and fluorescence characteristics of dissolved organic matter in an agro-urban estuary. Limnology and Oceanography, 2011, 56, 243-256.	1.6	88
34	Controls on dissolved organic matter concentrations in soils and streams from a forested wetland and sloping bog in southeast Alaska. Ecohydrology, 2010, 3, 249-261.	1.1	34
35	The impact of glacier runoff on the biodegradability and biochemical composition of terrigenous dissolved organic matter in near-shore marine ecosystems. Marine Chemistry, 2010, 121, 112-122.	0.9	153
36	Fluorescence spectroscopy opens new windows into dissolved organic matter dynamics in freshwater ecosystems: A review. Limnology and Oceanography, 2010, 55, 2452-2462.	1.6	961

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37	Uptake of Allochthonous Dissolved Organic Matter from Soil and Salmon in Coastal Temperate Rainforest Streams. <i>Ecosystems</i> , 2009, 12, 747-759.	1.6	51
38	Seasonal changes in the chemical quality and biodegradability of dissolved organic matter exported from soils to streams in coastal temperate rainforest watersheds. <i>Biogeochemistry</i> , 2009, 95, 277-293.	1.7	236
39	Global estimates of soil carbon sequestration via livestock waste: a STELLA simulation. <i>Environment, Development and Sustainability</i> , 2009, 11, 871-885.	2.7	6
40	Glaciers as a source of ancient and labile organic matter to the marine environment. <i>Nature</i> , 2009, 462, 1044-1047.	13.7	452
41	Characterizing Dissolved Organic Matter Using PARAFAC Modeling of Fluorescence Spectroscopy: A Comparison of Two Models. <i>Environmental Science & Technology</i> , 2009, 43, 6228-6234.	4.6	137
42	Changes in the concentration, biodegradability, and fluorescent properties of dissolved organic matter during stormflows in coastal temperate watersheds. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	214
43	Fluorescence characteristics and biodegradability of dissolved organic matter in forest and wetland soils from coastal temperate watersheds in southeast Alaska. <i>Biogeochemistry</i> , 2008, 88, 169-184.	1.7	344
44	Return of Salmon-Derived Nutrients from the Riparian Zone to the Stream during a Storm in Southeastern Alaska. <i>Ecosystems</i> , 2008, 11, 537-544.	1.6	25
45	An evaluation of freezing as a preservation technique for analyzing dissolved organic C, N and P in surface water samples. <i>Science of the Total Environment</i> , 2008, 392, 305-312.	3.9	93
46	Salmon influences on dissolved organic matter in a coastal temperate brownwater stream: An application of fluorescence spectroscopy. <i>Limnology and Oceanography</i> , 2007, 52, 1580-1587.	1.6	41