

E N Jack Brookshire

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,889
citations

394421

19
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

3470
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Isotopic signals in an agricultural watershed suggest denitrification is locally intensive in riparian areas but extensive in upland soils. <i>Biogeochemistry</i> , 2022, 158, 251-268.	3.5	8
3	Large contribution of woody plant expansion to recent vegetative greening of the Northern Great Plains. <i>Journal of Biogeography</i> , 2022, 49, 1443-1454.	3.0	3
4	Negative trait-based association between abundance of nitrogen-fixing trees and long-term tropical forest biomass accumulation. <i>Journal of Ecology</i> , 2021, 109, 966-974.	4.0	1
5	Methane efflux from an American bison herd. <i>Biogeosciences</i> , 2021, 18, 961-975.	3.3	7
6	Aboveground and belowground responses to cyanobacterial biofertilizer supplement in a semi-arid, perennial bioenergy cropping system. <i>GCB Bioenergy</i> , 2021, 13, 1908-1923.	5.6	4
7	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
8	Toward an urgent yet deliberate conservation strategy: sustaining social-ecological systems in rangelands of the Northern Great Plains, Montana. <i>Ecology and Society</i> , 2021, 26, .	2.3	6
9	Repeated Fire Shifts Carbon and Nitrogen Cycling by Changing Plant Inputs and Soil Decomposition Across Ecosystems. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01698.	0.2	0
10	Water quality, nutrients, and stable isotopic signatures of particulates and vegetation in a mangrove ecosystem exposed to past anthropogenic perturbations. <i>Regional Studies in Marine Science</i> , 2020, 35, 101208.	0.7	4
11	Repeated fire shifts carbon and nitrogen cycling by changing plant inputs and soil decomposition across ecosystems. <i>Ecological Monographs</i> , 2020, 90, e01409.	5.4	47
12	The greening of the Northern Great Plains and its biogeochemical precursors. <i>Global Change Biology</i> , 2020, 26, 5404-5413.	9.5	25
13	Symbiotic N fixation is sufficient to support net aboveground biomass accumulation in a humid tropical forest. <i>Scientific Reports</i> , 2019, 9, 7571.	3.3	19
14	Opportunities and Trade-offs among BECCS and the Food, Water, Energy, Biodiversity, and Social Systems Nexus at Regional Scales. <i>BioScience</i> , 2018, 68, 100-111.	4.9	53
15	Connections among soil, ground, and surface water chemistries characterize nitrogen loss from an agricultural landscape in the upper Missouri River Basin. <i>Journal of Hydrology</i> , 2018, 556, 247-261.	5.4	17
16	Mycorrhizal fungi as drivers and modulators of terrestrial ecosystem processes. <i>New Phytologist</i> , 2017, 213, 996-999.	7.3	38
17	Experimental evidence that mycorrhizal nitrogen strategies affect soil carbon. <i>Ecology</i> , 2017, 98, 1491-1497.	3.2	49
18	Global bounds on nitrogen gas emissions from humid tropical forests. <i>Geophysical Research Letters</i> , 2017, 44, 2502-2510.	4.0	12

#	ARTICLE	IF	CITATIONS
19	Dissolved nutrient exports from natural and human-impacted neotropical catchments. <i>Global Ecology and Biogeography</i> , 2016, 25, 378-390.	5.8	33
20	Long-term decline in grassland productivity driven by increasing dryness. <i>Nature Communications</i> , 2015, 6, 7148.	12.8	109
21	Convergence of soil nitrogen isotopes across global climate gradients. <i>Scientific Reports</i> , 2015, 5, 8280.	3.3	127
22	Ecological interpretations of nitrogen isotope ratios of terrestrial plants and soils. <i>Plant and Soil</i> , 2015, 396, 1-26.	3.7	424
23	Nitrogen limitation on land: how can it occur in Earth system models?. <i>Global Change Biology</i> , 2015, 21, 1777-1793.	9.5	124
24	Long-term snowpack manipulation promotes large loss of bioavailable nitrogen and phosphorus in a subalpine grassland. <i>Biogeochemistry</i> , 2015, 124, 319-333.	3.5	13
25	Scaling of Physical Constraints at the Root-Soil Interface to Macroscopic Patterns of Nutrient Retention in Ecosystems. <i>American Naturalist</i> , 2014, 183, 418-430.	2.1	19
26	Ecosystem Consequences of Tree Monodominance for Nitrogen Cycling in Lowland Tropical Forest. <i>PLoS ONE</i> , 2013, 8, e70491.	2.5	16
27	Sustained losses of bioavailable nitrogen from montane tropical forests. <i>Nature Geoscience</i> , 2012, 5, 123-126.	12.9	92
28	Large losses of inorganic nitrogen from tropical rainforests suggest a lack of nitrogen limitation. <i>Ecology Letters</i> , 2012, 15, 9-16.	6.4	105
29	Direct effects of temperature on forest nitrogen cycling revealed through analysis of long-term watershed records. <i>Global Change Biology</i> , 2011, 17, 297-308.	9.5	66
30	Maintenance of terrestrial nutrient loss signatures during in-stream transport. <i>Ecology</i> , 2009, 90, 293-299.	3.2	85
31	Atmospheric N Deposition Increases Organic N Loss from Temperate Forests. <i>Ecosystems</i> , 2007, 10, 252-262.	3.4	60
32	COUPLED CYCLING OF DISSOLVED ORGANIC NITROGEN AND CARBON IN A FOREST STREAM. <i>Ecology</i> , 2005, 86, 2487-2496.	3.2	128
33	Plant biomass and species composition along an environmental gradient in montane riparian meadows. <i>Oecologia</i> , 2004, 139, 309-317.	2.0	76
34	LIVESTOCK EXCLUSION AND BELOWGROUND ECOSYSTEM RESPONSES IN RIPARIAN MEADOWS OF EASTERN OREGON. , 2004, 14, 1671-1679.		75