

Trisha B Atwood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1030713/publications.pdf>

Version: 2024-02-01

43
papers

3,292
citations

304743

22
h-index

243625

44
g-index

47
all docs

47
docs citations

47
times ranked

4135
citing authors

#	ARTICLE	IF	CITATIONS
1	Global patterns in mangrove soil carbon stocks and losses. <i>Nature Climate Change</i> , 2017, 7, 523-528.	18.8	412
2	The future of Blue Carbon science. <i>Nature Communications</i> , 2019, 10, 3998.	12.8	406
3	Protecting the global ocean for biodiversity, food and climate. <i>Nature</i> , 2021, 592, 397-402.	27.8	359
4	Blue carbon as a natural climate solution. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 826-839.	29.7	261
5	Animals and the zoogeochemistry of the carbon cycle. <i>Science</i> , 2018, 362, .	12.6	197
6	Can we manage coastal ecosystems to sequester more blue carbon?. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 206-213.	4.0	195
7	Predators help protect carbon stocks in blue carbon ecosystems. <i>Nature Climate Change</i> , 2015, 5, 1038-1045.	18.8	181
8	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. <i>Nature Communications</i> , 2019, 10, 4313.	12.8	150
9	Assessing the risk of carbon dioxide emissions from blue carbon ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 257-265.	4.0	145
10	Ecosystem Function and Services of Aquatic Predators in the Anthropocene. <i>Trends in Ecology and Evolution</i> , 2019, 34, 369-383.	8.7	143
11	Global Patterns in Marine Sediment Carbon Stocks. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	92
12	Predator-induced reduction of freshwater carbon dioxide emissions. <i>Nature Geoscience</i> , 2013, 6, 191-194.	12.9	84
13	Herbivores at the highest risk of extinction among mammals, birds, and reptiles. <i>Science Advances</i> , 2020, 6, eabb8458.	10.3	73
14	Using eDNA to determine the source of organic carbon in seagrass meadows. <i>Limnology and Oceanography</i> , 2017, 62, 1254-1265.	3.1	52
15	Predation Threat Alters Composition and Functioning of Bromeliad Ecosystems. <i>Ecosystems</i> , 2015, 18, 857-866.	3.4	43
16	Oxygen Consumption and Sulfate Reduction in Vegetated Coastal Habitats: Effects of Physical Disturbance. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	39
17	Effects of hydrological forcing on the structure of a tropical estuarine food web. <i>Oikos</i> , 2012, 121, 277-289.	2.7	38
18	Behavioural responses to predation may explain shifts in community structure. <i>Freshwater Biology</i> , 2015, 60, 125-135.	2.4	33

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19	Extreme rainfall events alter the trophic structure in bromeliad tanks across the Neotropics. <i>Nature Communications</i> , 2020, 11, 3215.	12.8	33
20	Predators Shape Sedimentary Organic Carbon Storage in a Coral Reef Ecosystem. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	31
21	Competitive displacement alters top-down effects on carbon dioxide concentrations in a freshwater ecosystem. <i>Oecologia</i> , 2014, 175, 353-361.	2.0	30
22	Landscape heterogeneity strengthens the relationship between β -diversity and ecosystem function. <i>Ecology</i> , 2018, 99, 2467-2475.	3.2	28
23	Overgrazing of Seagrass by Sea Urchins Diminishes Blue Carbon Stocks. <i>Ecosystems</i> , 2020, 23, 1437-1448.	3.4	23
24	Protecting endangered species in the USA requires both public and private land conservation. <i>Scientific Reports</i> , 2020, 10, 11925.	3.3	22
25	Potential Effects of an Invasive Nitrogen-Fixing Tree on a Hawaiian Stream Food Web. <i>Pacific Science</i> , 2010, 64, 367-379.	0.6	19
26	Trophic-level dependent effects on CO ₂ emissions from experimental stream ecosystems. <i>Global Change Biology</i> , 2014, 20, 3386-3396.	9.5	18
27	The Importance of Marine Predators in the Provisioning of Ecosystem Services by Coastal Plant Communities. <i>Frontiers in Plant Science</i> , 2018, 9, 1289.	3.6	17
28	Ecological response to altered rainfall differs across the Neotropics. <i>Ecology</i> , 2020, 101, e02984.	3.2	17
29	What global biogeochemical consequences will marine animal-sediment interactions have during climate change?. <i>Elementa</i> , 2021, 9, .	3.2	17
30	Benthic meiofaunal community response to the cascading effects of herbivory within an algal halo system of the Great Barrier Reef. <i>PLoS ONE</i> , 2018, 13, e0193932.	2.5	16
31	Ocean acidification alters zooplankton communities and increases top-down pressure of a cubozoan predator. <i>Global Change Biology</i> , 2018, 24, e128-e138.	9.5	13
32	Beavers alter stream macroinvertebrate communities in north-eastern Utah. <i>Freshwater Biology</i> , 2020, 65, 579-591.	2.4	13
33	Frugivory and Seed Dispersal by Carnivorans. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	13
34	Ecosystem Functioning of Great Salt Lake Wetlands. <i>Wetlands</i> , 2020, 40, 2163-2177.	1.5	12
35	Presence of invasive <i>Gambusia</i> alters ecological communities and the functions they perform in lentic ecosystems. <i>Marine and Freshwater Research</i> , 2017, 68, 1867.	1.3	11
36	Warming alters food web-driven changes in the CO ₂ flux of experimental pond ecosystems. <i>Biology Letters</i> , 2015, 11, 20150785.	2.3	10

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37	Marine reserves shape seascapes on scales visible from space. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190053.	2.6	9
38	Mesopredator frugivory has no effect on seed viability and emergence under experimental conditions. <i>Ecosphere</i> , 2021, 12, e03702.	2.2	7
39	Relationships between borders, management agencies, and the likelihood of watershed impairment. <i>PLoS ONE</i> , 2018, 13, e0204149.	2.5	6
40	Herbivory changes soil microbial communities and greenhouse gas fluxes in a high-latitude wetland. <i>Microbial Ecology</i> , 2022, 83, 127-136.	2.8	4
41	Trophic Interactions Between Insects and Stream-Associated Amphibians in Steep, Cobble-Bottom Streams of the Pacific Coast of North America. <i>Insects</i> , 2012, 3, 432-441.	2.2	1
42	Functional redundancy dampens precipitation change impacts on species-rich invertebrate communities across the Neotropics. <i>Functional Ecology</i> , 2022, 36, 1559-1572.	3.6	0
43	Metal concentrations in wetland plant tissues influences transfer to terrestrial food webs. <i>Ecotoxicology</i> , 2022, , .	2.4	0