

Kyle F Edwards

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,958
citations

394421

19
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2623
citing authors

#	ARTICLE	IF	CITATIONS
1	Allometric scaling and taxonomic variation in nutrient utilization traits and maximum growth rate of phytoplankton. <i>Limnology and Oceanography</i> , 2012, 57, 554-566.	3.1	328
2	The biogeography of marine plankton traits. <i>Ecology Letters</i> , 2013, 16, 522-534.	6.4	258
3	Phytoplankton growth and the interaction of light and temperature: A synthesis at the species and community level. <i>Limnology and Oceanography</i> , 2016, 61, 1232-1244.	3.1	173
4	Functional traits explain phytoplankton community structure and seasonal dynamics in a marine ecosystem. <i>Ecology Letters</i> , 2013, 16, 56-63.	6.4	149
5	Global biogeochemical impacts of phytoplankton: a trait-based perspective. <i>Journal of Ecology</i> , 2015, 103, 1384-1396.	4.0	149
6	Light and growth in marine phytoplankton: allometric, taxonomic, and environmental variation. <i>Limnology and Oceanography</i> , 2015, 60, 540-552.	3.1	140
7	Evidence for a three-way trade-off between nitrogen and phosphorus competitive abilities and cell size in phytoplankton. <i>Ecology</i> , 2011, 92, 2085-2095.	3.2	121
8	Microbial resource utilization traits and trade-offs: implications for community structure, functioning, and biogeochemical impacts at present and in the future. <i>Frontiers in Microbiology</i> , 2015, 06, 254.	3.5	109
9	Functional traits explain phytoplankton responses to environmental gradients across lakes of the United States. <i>Ecology</i> , 2013, 94, 1626-1635.	3.2	77
10	Mixotrophy in nanoflagellates across environmental gradients in the ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6211-6220.	7.1	71
11	Evolutionarily stable communities: a framework for understanding the role of trait evolution in the maintenance of diversity. <i>Ecology Letters</i> , 2018, 21, 1853-1868.	6.4	57
12	The role of phytoplankton diversity in the emergent oceanic stoichiometry. <i>Journal of Plankton Research</i> , 2016, 38, 1021-1035.	1.8	39
13	Nutrient utilization traits of phytoplankton. <i>Ecology</i> , 2015, 96, 2311-2311.	3.2	32
14	Local adaptation constrains drought tolerance in a tropical foundation tree. <i>Journal of Ecology</i> , 2020, 108, 1540-1552.	4.0	31
15	Making sense of virus size and the tradeoffs shaping viral fitness. <i>Ecology Letters</i> , 2021, 24, 363-373.	6.4	31
16	Shifts in woody plant defence syndromes during leaf development. <i>Functional Ecology</i> , 2019, 33, 2095-2104.	3.6	28
17	Plasticity in the grazing ecophysiology of <i>Florenciella</i> (Dichtyochophyceae), a mixotrophic nanoflagellate that consumes <i>Prochlorococcus</i> and other bacteria. <i>Limnology and Oceanography</i> , 2021, 66, 47-60.	3.1	28
18	Host Traits Drive Viral Life Histories across Phytoplankton Viruses. <i>American Naturalist</i> , 2018, 191, 566-581.	2.1	27

#	ARTICLE	IF	CITATIONS
19	A Three-Way Trade-Off Maintains Functional Diversity under Variable Resource Supply. <i>American Naturalist</i> , 2013, 182, 786-800.	2.1	26
20	Broad phylogenetic and functional diversity among mixotrophic consumers of <i>Prochlorococcus</i> . <i>ISME Journal</i> , 2022, 16, 1557-1569.	9.8	24
21	Community trait structure in phytoplankton: seasonal dynamics from a method for sparse trait data. <i>Ecology</i> , 2016, 97, 3441-3451.	3.2	15
22	Towards an integrative view of virus phenotypes. <i>Nature Reviews Microbiology</i> , 2022, 20, 83-94.	28.6	15
23	Variation in coral-associated cryptofaunal communities across spatial scales and environmental gradients. <i>Coral Reefs</i> , 2018, 37, 827-840.	2.2	14
24	A test of fundamental questions in mimicry theory using long-term datasets. <i>Biological Journal of the Linnean Society</i> , 2015, 116, 487-494.	1.6	7
25	Toward trait-based food webs: Universal traits and trait matching in planktonic predator-prey and host-parasite relationships. <i>Limnology and Oceanography</i> , 2021, 66, 3857-3872.	3.1	7
26	Effects of multiple timescales of resource supply on the maintenance of species and functional diversity. <i>Oikos</i> , 2019, 128, 1123-1135.	2.7	1