

Barbara Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

463
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying important species: Linking structure and function in ecological networks. <i>Ecological Modelling</i> , 2008, 216, 75-80.	2.5	92
2	Shared socio-economic pathways extended for the Baltic Sea: exploring long-term environmental problems. <i>Regional Environmental Change</i> , 2019, 19, 1073-1086.	2.9	42
3	The response of temperate aquatic ecosystems to global warming: novel insights from a multidisciplinary project. <i>Marine Biology</i> , 2012, 159, 2367-2377.	1.5	41
4	Predator-Prey Dynamics Driven by Feedback between Functionally Diverse Trophic Levels. <i>PLoS ONE</i> , 2011, 6, e27357.	2.5	38
5	Reducing eutrophication increases spatial extent of communities supporting commercial fisheries: a model case study. <i>ICES Journal of Marine Science</i> , 2018, 75, 1306-1317.	2.5	36
6	Model uncertainty and simulated multispecies fisheries management advice in the Baltic Sea. <i>PLoS ONE</i> , 2019, 14, e0211320.	2.5	28
7	Node centrality indices in food webs: Rank orders versus distributions. <i>Ecological Complexity</i> , 2010, 7, 471-477.	2.9	24
8	Climate change effects on phytoplankton depend on cell size and food web structure. <i>Marine Biology</i> , 2012, 159, 2455-2478.	1.5	21
9	Diversity, Functional Similarity, and Top-Down Control Drive Synchronization and the Reliability of Ecosystem Function. <i>American Naturalist</i> , 2014, 183, 394-409.	2.1	20
10	Food web and fisheries in the future Baltic Sea. <i>Ambio</i> , 2019, 48, 1337-1349.	5.5	20
11	Combined Effects of Environmental Drivers on Marine Trophic Groups – A Systematic Model Comparison. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	19
12	The necessity of a holistic approach when managing marine mammal–fisheries interactions: Environment and fisheries impact are stronger than seal predation. <i>Ambio</i> , 2019, 48, 552-564.	5.5	18
13	Multitrophic diversity effects depend on consumer specialization and species-specific growth and grazing rates. <i>Oikos</i> , 2014, 123, 912-922.	2.7	17
14	Functional trait dimensions of trophic metacommunities. <i>Ecography</i> , 2021, 44, 1486-1500.	4.5	15
15	Provision of aquatic ecosystem services as a consequence of societal changes: The case of the Baltic Sea. <i>Population Ecology</i> , 2021, 63, 61-74.	1.2	11
16	High predictability of spring phytoplankton biomass in mesocosms at the species, functional group and community level. <i>Freshwater Biology</i> , 2013, 58, 588-596.	2.4	9
17	Biotic filtering by species interactions constrains food web variability across spatial and abiotic gradients. <i>Ecology Letters</i> , 2022, 25, 1225-1236.	6.4	8
18	Where do nivicolous myxomycetes occur? – Modeling the potential worldwide distribution of <i>Physarum albescens</i> . <i>Fungal Ecology</i> , 2021, 53, 101079.	1.6	4