

Tobias van Kooten

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

988
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Forage fish, their fisheries, and their predators: who drives whom?. ICES Journal of Marine Science, 2014, 71, 90-104.	2.5	123
2	Food-Dependent Growth Leads to Overcompensation in Stage-Specific Biomass When Mortality Increases: The Influence of Maturation versus Reproduction Regulation. American Naturalist, 2007, 170, E59-E76.	2.1	119
3	Simplifying a physiologically structured population model to a stage-structured biomass model. Theoretical Population Biology, 2008, 73, 47-62.	1.1	99
4	Bioenergetics underpins the spatial response of North Sea plaice (<i>Pleuronectes platessa</i> L.) and sole (<i>Solea solea</i> L.) to climate change. Global Change Biology, 2012, 18, 3291-3305.	9.5	82
5	Substitution of top predators: effects of pike invasion in a subarctic lake. Freshwater Biology, 2007, 52, 1271-1280.	2.4	70
6	Indirect effects of bottom fishing on the productivity of marine fish. Fish and Fisheries, 2017, 18, 619-637.	5.3	65
7	Bistability and an Allee effect as emergent consequences of stage-specific predation. Journal of Theoretical Biology, 2005, 237, 67-74.	1.7	54
8	Invasion success depends on invader body size in a size-structured mixed predation-competition community. Journal of Animal Ecology, 2009, 78, 1152-1162.	2.8	40
9	Habitat-Specific Effects of Fishing Disturbance on Benthic Species Richness in Marine Soft Sediments. Ecosystems, 2014, 17, 1216-1226.	3.4	39
10	Population-level consequences of seismic surveys on fishes: An interdisciplinary challenge. Fish and Fisheries, 2019, 20, 653-685.	5.3	38
11	When does fishing lead to more fish? Community consequences of bottom trawl fisheries in demersal food webs. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131883.	2.6	33
12	Temporal aggregation of bottom trawling and its implication for the impact on the benthic ecosystem. ICES Journal of Marine Science, 2015, 72, 952-961.	2.5	31
13	Intra-cohort cannibalism and size bimodality: a balance between hatching synchrony and resource feedbacks. Oikos, 2010, 119, 2000-2011.	2.7	27
14	Assumptions behind size-based ecosystem models are realistic. ICES Journal of Marine Science, 2016, 73, 1651-1655.	2.5	25
15	Top-down pressure on a coastal ecosystem by harbor seals. Ecosphere, 2019, 10, e02538.	2.2	22
16	Coexistence of two stage-structured intraguild predators. Journal of Theoretical Biology, 2012, 308, 36-44.	1.7	20
17	Population-level effects of acoustic disturbance in Atlantic cod: a size-structured analysis based on energy budgets. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200490.	2.6	20
18	Size at hatching determines population dynamics and response to harvesting in cannibalistic fish. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 401-416.	1.4	18

#	ARTICLE	IF	CITATIONS
19	Complete compensation in <i>Daphnia</i> fecundity and stage-specific biomass in response to size-independent mortality. <i>Journal of Animal Ecology</i> , 2010, 79, 871-878.	2.8	16
20	Geosmin depuration from European eel (<i>Anguilla anguilla</i>) is not affected by the water renewal rate of depuration tanks. <i>Aquaculture Research</i> , 2017, 48, 4646-4655.	1.8	14
21	Experimental validation of geosmin uptake in rainbow trout, <i>Oncorhynchus mykiss</i> (Waldbaum) suggests biotransformation. <i>Aquaculture Research</i> , 2018, 49, 668-675.	1.8	10
22	LOCAL FORAGING AND LIMITED MOBILITY: DYNAMICS OF A SIZE-STRUCTURED CONSUMER POPULATION. <i>Ecology</i> , 2004, 85, 1979-1991.	3.2	8
23	Food web feedbacks drive the response of benthic macrofauna to bottom trawling. <i>Fish and Fisheries</i> , 2020, 21, 962-972.	5.3	7
24	Population dynamical consequences of gregariousness in a size-structured consumer-resource interaction. <i>Journal of Theoretical Biology</i> , 2007, 245, 763-774.	1.7	6
25	Interspecific Resource Competition Effects on Fisheries Revenue. <i>PLoS ONE</i> , 2012, 7, e53352.	2.5	2