

Niels T Hintzen

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,067
citations

331670

21
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2504
citing authors

#	ARTICLE	IF	CITATIONS
1	The footprint of bottom trawling in European waters: distribution, intensity, and seabed integrity. ICES Journal of Marine Science, 2017, 74, 847-865.	2.5	211
2	Bottom trawl fishing footprints on the world's continental shelves. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10275-E10282.	7.1	189
3	Estimating seabed pressure from demersal trawls, seines, and dredges based on gear design and dimensions. ICES Journal of Marine Science, 2016, 73, i27-i43.	2.5	158
4	VMStools: Open-source software for the processing, analysis and visualisation of fisheries logbook and VMS data. Fisheries Research, 2012, 115-116, 31-43.	1.7	149
5	Lessons learned from practical approaches to reconcile mismatches between biological population structure and stock units of marine fish. ICES Journal of Marine Science, 2017, 74, 1708-1722.	2.5	144
6	Lessons learned from stock collapse and recovery of North Sea herring: a review. ICES Journal of Marine Science, 2010, 67, 1875-1886.	2.5	138
7	Evaluating targets and trade-offs among fisheries and conservation objectives using a multispecies size spectrum model. Journal of Applied Ecology, 2014, 51, 612-622.	4.0	130
8	Implications of using alternative methods of vessel monitoring system (VMS) data analysis to describe fishing activities and impacts. ICES Journal of Marine Science, 2012, 69, 682-693.	2.5	93
9	Improved estimation of trawling tracks using cubic Hermite spline interpolation of position registration data. Fisheries Research, 2010, 101, 108-115.	1.7	85
10	A comparison of VMS and AIS data: the effect of data coverage and vessel position recording frequency on estimates of fishing footprints. ICES Journal of Marine Science, 2018, 75, 988-998.	2.5	81
11	Towards a framework for the quantitative assessment of trawling impact on the seabed and benthic ecosystem. ICES Journal of Marine Science, 2016, 73, i127-i138.	2.5	70
12	Estimating sensitivity of seabed habitats to disturbance by bottom trawling based on the longevity of benthic fauna. Ecological Applications, 2018, 28, 1302-1312.	3.8	66
13	Lumpers or splitters? Evaluating recovery and management plans for metapopulations of herring. ICES Journal of Marine Science, 2009, 66, 1776-1783.	2.5	64
14	Individual specialization on fishery discards by lesser black-backed gulls (<i>Larus fuscus</i>). ICES Journal of Marine Science, 2015, 72, 1882-1891.	2.5	57
15	Habitat-Specific Effects of Fishing Disturbance on Benthic Species Richness in Marine Soft Sediments. Ecosystems, 2014, 17, 1216-1226.	3.4	39
16	Inclusion of ecological, economic, social, and institutional considerations when setting targets and limits for multispecies fisheries. ICES Journal of Marine Science, 2017, 74, 453-463.	2.5	36
17	Indicators of fishing pressure and seafloor integrity. ICES Journal of Marine Science, 2012, 69, 1850-1858.	2.5	33
18	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

#	ARTICLE	IF	CITATIONS
19	Different bottom trawl fisheries have a differential impact on the status of the North Sea seafloor habitats. ICES Journal of Marine Science, 2020, 77, 1772-1786.	2.5	31
20	Assessing the state of pelagic fish communities within an ecosystem approach and the European Marine Strategy Framework Directive. ICES Journal of Marine Science, 2014, 71, 1572-1585.	2.5	27
21	Shifts in North Sea forage fish productivity and potential fisheries yield. Journal of Applied Ecology, 2018, 55, 1092-1101.	4.0	27
22	North Sea demersal fisheries prefer specific benthic habitats. PLoS ONE, 2018, 13, e0208338.	2.5	25
23	Quirky patterns in time-series of estimates of recruitment could be artefacts. ICES Journal of Marine Science, 2015, 72, 111-116.	2.5	24
24	Moving beyond the MSY concept to reflect multidimensional fisheries management objectives. Marine Policy, 2017, 85, 33-41.	3.2	22
25	3-D habitat suitability of jack mackerel <i>Trachurus murphyi</i> in the Southeastern Pacific, a comprehensive study. Progress in Oceanography, 2016, 146, 199-211.	3.2	20
26	Efficiency changes in bottom trawling for flatfish species as a result of the replacement of mechanical stimulation by electric stimulation. ICES Journal of Marine Science, 2020, 77, 2635-2645.	2.5	18
27	Managing a complex population structure: exploring the importance of information from fisheries-independent sources. ICES Journal of Marine Science, 2015, 72, 528-542.	2.5	16
28	Identifying marine pelagic ecosystem management objectives and indicators. Marine Policy, 2015, 55, 23-32.	3.2	15
29	A correction to "Estimating seabed pressure from demersal trawls, seines and dredges based on gear design and dimensions". ICES Journal of Marine Science, 2016, 73, 2420-2423.	2.5	15
30	Variability and connectivity of plaice populations from the Eastern North Sea to the Western Baltic Sea, and implications for assessment and management. Journal of Sea Research, 2013, 84, 40-48.	1.6	14
31	Mitigating seafloor disturbance of bottom trawl fisheries for North Sea sole <i>Solea solea</i> by replacing mechanical with electrical stimulation. PLoS ONE, 2020, 15, e0228528.	2.5	13
32	Quantifying habitat preference of bottom trawling gear. ICES Journal of Marine Science, 2021, 78, 172-184.	2.5	12
33	Persistence in the fine-scale distribution and spatial aggregation of fishing. ICES Journal of Marine Science, 2019, 76, 1072-1082.	2.5	9
34	Multi-fleet state-space assessment model strengthens confidence in single-fleet SAM and provides fleet-specific forecast options. ICES Journal of Marine Science, 2021, 78, 2043-2052.	2.5	5
35	Evaluating Biological Robustness of Innovative Management Alternatives. , 2009, , 119-142.		0