

Jan-Jaap Poos

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,584
citations

257450

24
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying habitat preference of bottom trawling gear. ICES Journal of Marine Science, 2021, 78, 172-184.	2.5	12
2	Association networks in the Dutch offshore beam trawl fleet: their predictors and relationship to vessel performance. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 924-942.	1.4	0
3	Evidence of difference in landings and discards patterns in the English Channel and North Sea Rajidae complex fishery. Fisheries Research, 2021, 242, 106028.	1.7	5
4	Automatic discard registration in cluttered environments using deep learning and object tracking: class imbalance, occlusion, and a comparison to human review. ICES Journal of Marine Science, 2021, 78, 3834-3846.	2.5	5
5	Electronic monitoring in fisheries: Lessons from global experiences and future opportunities. Fish and Fisheries, 2020, 21, 162-189.	5.3	81
6	Integrating collaborative research in marine science: Recommendations from an evaluation of evolving scienceâ€”industry partnerships in Dutch demersal fisheries. Fish and Fisheries, 2020, 21, 146-161.	5.3	29
7	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
8	Highly resolved spatiotemporal simulations for exploring mixed fishery dynamics. Ecological Modelling, 2020, 424, 109000.	2.5	6
9	Topâ€”down pressure on a coastal ecosystem by harbor seals. Ecosphere, 2019, 10, e02538.	2.2	22
10	Likely status and changes in the main economic and fishery indicators under the landing obligation: A case study of the Basque trawl fishery. Fisheries Research, 2018, 205, 86-95.	1.7	10
11	Using electronic monitoring to record catches of sole (<i>Solea solea</i>) in a bottom trawl fishery. ICES Journal of Marine Science, 2017, 74, 1421-1427.	2.5	12
12	The commons tragedy in the North Sea brown shrimp fishery: how horizontal institutional interactions inhibit a self-governance structure. ICES Journal of Marine Science, 2017, 74, 2004-2011.	2.5	11
13	Thirty years of fleet dynamics modelling using discreteâ€”choice models: What have we learned?. Fish and Fisheries, 2017, 18, 638-655.	5.3	49
14	Achieving maximum sustainable yield in mixed fisheries: a management approach for the North Sea demersal fisheries. ICES Journal of Marine Science, 2017, 74, 566-575.	2.5	39
15	Keeping Humans in the Ecosystem. ICES Journal of Marine Science, 2017, 74, 1947-1956.	2.5	37
16	Evolutionary impact assessment of the North Sea plaice fishery. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 1126-1137.	1.4	16
17	Questioning the effectiveness of technical measures implemented by the Basque bottom otter trawl fleet: Implications under the EU landing obligation. Fisheries Research, 2016, 175, 116-126.	1.7	36
18	The MSY concept in a multi-objective fisheries environment â€” Lessons from the North Sea. Marine Policy, 2016, 69, 146-158.	3.2	35

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19	Competitive interactions between two fishing fleets in the North Sea. ICES Journal of Marine Science, 2016, 73, 1485-1493.	2.5	14
20	Abundance and tidal behaviour of pelagic fish in the gateway to the Wadden Sea. Journal of Sea Research, 2016, 109, 42-51.	1.6	9
21	Combining efforts to make maximum sustainable yields and good environmental status match in a food-web model of the southern North Sea. Ecological Modelling, 2016, 331, 17-30.	2.5	26
22	How effective is electronic monitoring in mixed bottom-trawl fisheries?. ICES Journal of Marine Science, 2015, 72, 1192-1200.	2.5	24
23	Invasive species control in a one-dimensional metapopulation network. Ecological Modelling, 2015, 316, 176-184.	2.5	8
24	Population ecology of turbot and brill: What can we learn from two rare flatfish species?. Journal of Sea Research, 2013, 84, 96-108.	1.6	9
25	Estimating spatial and temporal variability of juvenile North Sea plaice from opportunistic data. Journal of Sea Research, 2013, 75, 118-128.	1.6	19
26	Adaptive response of beam trawl fishers to rising fuel cost. ICES Journal of Marine Science, 2013, 70, 675-684.	2.5	46
27	Ecological and economic trade-offs in the management of mixed fisheries: a case study of spawning closures in flatfish fisheries. Marine Ecology - Progress Series, 2012, 447, 179-194.	1.9	25
28	Interspecific Resource Competition Effects on Fisheries Revenue. PLoS ONE, 2012, 7, e53352.	2.5	2
29	A review of EU bio-economic models for fisheries: The value of a diversity of models. Marine Policy, 2012, 36, 423-431.	3.2	55
30	Spatial dimension and exploitation dynamics of local fishing grounds by fishers targeting several flatfish species. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1064-1076.	1.4	39
31	Harvest-induced maturation evolution under different life-history trade-offs and harvesting regimes. Journal of Theoretical Biology, 2011, 279, 102-112.	1.7	15
32	Spatial segregation among fishing vessels in a multispecies fishery. ICES Journal of Marine Science, 2010, 67, 155-164.	2.5	17
33	Individual quotas, fishing effort allocation, and over-quota discarding in mixed fisheries. ICES Journal of Marine Science, 2010, 67, 323-333.	2.5	102
34	Challenges in integrating short-term behaviour in a mixed-fishery Management Strategies Evaluation frame: A case study of the North Sea flatfish fishery. Fisheries Research, 2010, 102, 26-40.	1.7	36
35	Comprehensive discard reconstruction and abundance estimation using flexible selectivity functions. ICES Journal of Marine Science, 2009, 66, 763-771.	2.5	47
36	The arms race between fishers. Journal of Sea Research, 2008, 60, 126-138.	1.6	77

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37	Standardizing commercial CPUE data in monitoring stock dynamics: Accounting for targeting behaviour in mixed fisheries. <i>Fisheries Research</i> , 2008, 89, 1-8.	1.7	57
38	Behavioral inferences from the statistical distribution of commercial catch: patterns of targeting in the landings of the Dutch beam trawler fleet. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 27-37.	1.4	33
39	The effect of management choices on the sustainability and economic performance of a mixed fishery: a simulation study. <i>ICES Journal of Marine Science</i> , 2008, 65, 697-712.	2.5	39
40	Linking catchability and fisher behaviour under effort management. <i>Aquatic Living Resources</i> , 2008, 21, 265-273.	1.2	30
41	FLR: an open-source framework for the evaluation and development of management strategies. <i>ICES Journal of Marine Science</i> , 2007, 64, 640-646.	2.5	184
42	Validating management simulation models and implications for communicating results to stakeholders. <i>ICES Journal of Marine Science</i> , 2007, 64, 818-824.	2.5	21
43	Sustainable use of flatfish resources: Addressing the credibility crisis in mixed fisheries management. <i>Journal of Sea Research</i> , 2007, 57, 114-125.	1.6	47
44	The dynamics of small-scale patchiness of plaice and sole as reflected in the catch rates of the Dutch beam trawl fleet and its implications for the fleet dynamics. <i>Journal of Sea Research</i> , 2007, 58, 100-112.	1.6	42
45	Linkage between fishers' foraging, market and fish stocks density: Examples from some North Sea fisheries. <i>Fisheries Research</i> , 2007, 83, 33-43.	1.7	33
46	An "experiment" on effort allocation of fishing vessels: the role of interference competition and area specialization. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 304-313.	1.4	65
47	In search of a better unit of effort in the coastal liftnet fishery with lights for small pelagics in Indonesia. <i>Fisheries Research</i> , 2002, 59, 43-56.	1.7	10
48	Diurnal variations in depth profiles of UV-induced DNA damage and inhibition of bacterioplankton production in tropical coastal waters. <i>Marine Ecology - Progress Series</i> , 2002, 228, 25-33.	1.9	28