

# 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	FLR: an open-source framework for the evaluation and development of management strategies. ICES Journal of Marine Science, 2007, 64, 640-646.	2.5	184
2	Individual quotas, fishing effort allocation, and over-quota discarding in mixed fisheries. ICES Journal of Marine Science, 2010, 67, 323-333.	2.5	102
3	Electronic monitoring in fisheries: Lessons from global experiences and future opportunities. Fish and Fisheries, 2020, 21, 162-189.	5.3	81
4	The arms race between fishers. Journal of Sea Research, 2008, 60, 126-138.	1.6	77
5	An "experiment" on effort allocation of fishing vessels: the role of interference competition and area specialization. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 304-313.	1.4	65
6	Standardizing commercial CPUE data in monitoring stock dynamics: Accounting for targeting behaviour in mixed fisheries. Fisheries Research, 2008, 89, 1-8.	1.7	57
7	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
8	Thirty years of fleet dynamics modelling using discrete choice models: What have we learned?. Fish and Fisheries, 2017, 18, 638-655.	5.3	49
9	Sustainable use of flatfish resources: Addressing the credibility crisis in mixed fisheries management. Journal of Sea Research, 2007, 57, 114-125.	1.6	47
10	Comprehensive discard reconstruction and abundance estimation using flexible selectivity functions. ICES Journal of Marine Science, 2009, 66, 763-771.	2.5	47
11	Adaptive response of beam trawl fishers to rising fuel cost. ICES Journal of Marine Science, 2013, 70, 675-684.	2.5	46
12	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. Journal of Sea Research, 2007, 58, 100-112.	1.6	42
13	The effect of management choices on the sustainability and economic performance of a mixed fishery: a simulation study. ICES Journal of Marine Science, 2008, 65, 697-712.	2.5	39
14	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
15	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
16	Keeping Humans in the Ecosystem. ICES Journal of Marine Science, 2017, 74, 1947-1956.	2.5	37
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	The MSY concept in a multi-objective fisheries environment – Lessons from the North Sea. <i>Marine Policy</i> , 2016, 69, 146-158.	3.2	35
20	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
21	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
22	Linking catchability and fisher behaviour under effort management. <i>Aquatic Living Resources</i> , 2008, 21, 265-273.	1.2	30
23	Integrating collaborative research in marine science: Recommendations from an evaluation of evolving science-industry partnerships in Dutch demersal fisheries. <i>Fish and Fisheries</i> , 2020, 21, 146-161.	5.3	29
24	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
25	Combining efforts to make maximum sustainable yields and good environmental status match in a food-web model of the southern North Sea. <i>Ecological Modelling</i> , 2016, 331, 17-30.	2.5	26
26	Ecological and economic trade-offs in the management of mixed fisheries: a case study of spawning closures in flatfish fisheries. <i>Marine Ecology - Progress Series</i> , 2012, 447, 179-194.	1.9	25
27	How effective is electronic monitoring in mixed bottom-trawl fisheries?. <i>ICES Journal of Marine Science</i> , 2015, 72, 1192-1200.	2.5	24
28	Top-down pressure on a coastal ecosystem by harbor seals. <i>Ecosphere</i> , 2019, 10, e02538.	2.2	22
29	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
30	Estimating spatial and temporal variability of juvenile North Sea plaice from opportunistic data. <i>Journal of Sea Research</i> , 2013, 75, 118-128.	1.6	19
31	Efficiency changes in bottom trawling for flatfish species as a result of the replacement of mechanical stimulation by electric stimulation. <i>ICES Journal of Marine Science</i> , 2020, 77, 2635-2645.	2.5	18
32	Spatial segregation among fishing vessels in a multispecies fishery. <i>ICES Journal of Marine Science</i> , 2010, 67, 155-164.	2.5	17
33	Evolutionary impact assessment of the North Sea plaice fishery. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1126-1137.	1.4	16
34	Harvest-induced maturation evolution under different life-history trade-offs and harvesting regimes. <i>Journal of Theoretical Biology</i> , 2011, 279, 102-112.	1.7	15
35	Competitive interactions between two fishing fleets in the North Sea. <i>ICES Journal of Marine Science</i> , 2016, 73, 1485-1493.	2.5	14
36	Using electronic monitoring to record catches of sole ( <i>Solea solea</i> ) in a bottom trawl fishery. <i>ICES Journal of Marine Science</i> , 2017, 74, 1421-1427.	2.5	12

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37	Quantifying habitat preference of bottom trawling gear. ICES Journal of Marine Science, 2021, 78, 172-184.	2.5	12
38	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
39	In search of a better unit of effort in the coastal liftnet fishery with lights for small pelagics in Indonesia. Fisheries Research, 2002, 59, 43-56.	1.7	10
40	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
41	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
42	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
43	Invasive species control in a one-dimensional metapopulation network. Ecological Modelling, 2015, 316, 176-184.	2.5	8
44	Highly resolved spatiotemporal simulations for exploring mixed fishery dynamics. Ecological Modelling, 2020, 424, 109000.	2.5	6
45	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
46	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
47	Interspecific Resource Competition Effects on Fisheries Revenue. PLoS ONE, 2012, 7, e53352.	2.5	2
48	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