

Daniel Stepputtis

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

648
citations

623699

14
h-index

580810

25
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34
all docs

34
docs citations

34
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of netting direction and number of meshes around on size selection in the codend for Baltic cod (<i>Gadus morhua</i>). <i>Fisheries Research</i> , 2011, 109, 80-88.	1.7	68
2	The influence of twine thickness, twine number and netting orientation on codend selectivity. <i>Fisheries Research</i> , 2013, 145, 22-36.	1.7	54
3	Understanding the release efficiency of Atlantic cod (<i>Gadus morhua</i>) from trawls with a square mesh panel: effects of panel area, panel position, and stimulation of escape response. <i>ICES Journal of Marine Science</i> , 2015, 72, 686-696.	2.5	53
4	A comparative analysis of legislated and modified Baltic Sea trawl codends for simultaneously improving the size selection of cod (<i>Gadus morhua</i>) and plaice (<i>Pleuronectes platessa</i>). <i>Fisheries Research</i> , 2014, 150, 28-37.	1.7	51
5	Linking growth to environmental histories in central Baltic young-of-the-year sprat, <i>Sprattus sprattus</i> : an approach based on otolith microstructure analysis and hydrodynamic modelling. <i>Fisheries Oceanography</i> , 2006, 15, 465-476.	1.7	46
6	Reducing flatfish bycatch in roundfish fisheries. <i>Fisheries Research</i> , 2016, 184, 64-73.	1.7	46
7	Low larval abundance in the Sargasso Sea: new evidence about reduced recruitment of the Atlantic eels. <i>Die Naturwissenschaften</i> , 2014, 101, 1041-1054.	1.6	30
8	The general distribution pattern and mixing probability of Baltic sprat juvenile populations. <i>Journal of Marine Systems</i> , 2005, 58, 52-66.	2.1	26
9	Recruitment processes in Baltic sprat – A re-evaluation of GLOBEC Germany hypotheses. <i>Progress in Oceanography</i> , 2012, 107, 61-79.	3.2	24
10	Broadening the horizon of size selectivity in trawl gears. <i>Fisheries Research</i> , 2016, 184, 18-25.	1.7	24
11	Modelling towing and haul-back escape patterns during the fishing process: a case study for cod, plaice, and flounder in the demersal Baltic Sea cod fishery. <i>ICES Journal of Marine Science</i> , 2013, 70, 850-863.	2.5	23
12	Egg mortality: predation and hydrography in the central Baltic. <i>ICES Journal of Marine Science</i> , 2011, 68, 1379-1390.	2.5	21
13	Comparisons of catches of large leptocephali using an IKMT and a large pelagic trawl in the Sargasso Sea. <i>Marine Biodiversity</i> , 2013, 43, 493-501.	1.0	18
14	An example of meso-scale hydrographic features in the central Baltic Sea and their influence on the distribution and vertical migration of sprat, <i>Sprattus sprattus balticus</i> (Schn.). <i>Fisheries Oceanography</i> , 2011, 20, 82-88.	1.7	16
15	Wind-induced variability in coastal larval retention areas: a case study on Western Baltic spring-spawning herring. <i>Fisheries Oceanography</i> , 2013, 22, 388-399.	1.7	16
16	Identifying the location and importance of spawning sites of Western Baltic herring using a particle backtracking model. <i>ICES Journal of Marine Science</i> , 2014, 71, 499-509.	2.5	13
17	A Review on Herring, <i>Clupea harengus</i> (Actinopterygii: Clupeiformes: Clupeidae) Recruitment and Early Life Stage Ecology in the Western Baltic Sea. <i>Acta Ichthyologica Et Piscatoria</i> , 2013, 43, 169-182.	0.7	13
18	Determination of Optimal Acoustic Passive Reflectors to Reduce Bycatch of Odontocetes in Gillnets. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	12

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19	Using acoustically visible gillnets to reduce bycatch of a small cetacean: first pilot trials in a commercial fishery. <i>Fisheries Research</i> , 2021, 243, 106088.	1.7	12
20	Size selection in codends made of thin-twined Dyneema netting compared to standard codends: A case study with cod, plaice and flounder. <i>Fisheries Research</i> , 2015, 167, 82-91.	1.7	9
21	Predictive framework for codend size selection of brown shrimp (<i>Crangon crangon</i>) in the North Sea beam-trawl fishery. <i>PLoS ONE</i> , 2018, 13, e0200464.	2.5	9
22	The efficiency of sieve panels for bycatch separation in <i>Nephrops</i> trawls. <i>Fisheries Management and Ecology</i> , 2018, 25, 464-473.	2.0	8
23	Gear performance and catch process of a commercial Danish anchor seine. <i>Fisheries Research</i> , 2019, 211, 204-211.	1.7	8
24	iFO (infrared Fish Observation) – An open source low-cost infrared underwater video system. <i>HardwareX</i> , 2020, 8, e00149.	2.2	8
25	Quantifying the performance of selective devices by combining analysis of catch data and fish behaviour observations: methodology and case study on a flatfish excluder. <i>ICES Journal of Marine Science</i> , 2020, 77, 2840-2856.	2.5	8
26	Marking otoliths of Baltic cod (<i>Gadus morhua</i> Linnaeus, 1758) with tetracycline and strontium chloride. <i>Journal of Applied Ichthyology</i> , 2019, 35, 427-435.	0.7	7
27	Small steps high leaps: Bio-economical effects of changing codend mesh size in the North Sea Brown shrimp fishery. <i>Fisheries Research</i> , 2021, 234, 105797.	1.7	5
28	Using an innovative net-pen-based observation method to assess and compare fish pot-entrance catch efficiency for Atlantic cod (<i>Gadus morhua</i>). <i>Fisheries Research</i> , 2021, 236, 105851.	1.7	5
29	Catch Patterns of the German Baltic Sea Trawl Fleet Targeting Demersal Species Between 2006 and 2009. <i>Acta Ichthyologica Et Piscatoria</i> , 2011, 41, 315-325.	0.7	5
30	Reducing cod bycatch in flatfish fisheries. <i>Ocean and Coastal Management</i> , 2022, 220, 106058.	4.4	4
31	Development and testing of fish-retention devices for pots: transparent triggers significantly increase catch efficiency for Atlantic cod (<i>Gadus morhua</i>). <i>ICES Journal of Marine Science</i> , 2021, 78, 199-219.	2.5	3
32	Angle-dependent acoustic reflectivity of gillnets and their modifications to reduce bycatch of odontocetes using sonar imaging. <i>Fisheries Research</i> , 2022, 250, 106278.	1.7	3