

Rudy J Kloser

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,031
citations

304743

22
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

2307
citing authors

#	ARTICLE	IF	CITATIONS
1	Industry-collected target strength of high seas orange roughy in the Indian Ocean. ICES Journal of Marine Science, 2021, 78, 2120-2131.	2.5	3
2	Sounding out life in the deep using acoustic data from ships of opportunity. Scientific Data, 2021, 8, 23.	5.3	12
3	Evaluation of unmanned surface vehicle acoustics for gas seep detection in shallow coastal waters. International Journal of Greenhouse Gas Control, 2020, 102, 103158.	4.6	7
4	From siphonophores to deep scattering layers: uncertainty ranges for the estimation of global mesopelagic fish biomass. ICES Journal of Marine Science, 2019, 76, 718-733.	2.5	146
5	Deep-water calibration of echosounders used for biomass surveys and species identification. ICES Journal of Marine Science, 2018, 75, 1117-1130.	2.5	11
6	A conceptual surrogacy framework to evaluate the habitat potential of submarine canyons. Progress in Oceanography, 2018, 169, 199-213.	3.2	13
7	Potential Use of Broadband Acoustic Methods for Micronekton Classification. Acoustics Australia, 2017, 45, 353-361.	2.4	9
8	Modeling What We Sample and Sampling What We Model: Challenges for Zooplankton Model Assessment. Frontiers in Marine Science, 2017, 4, .	2.5	46
9	MIDOC: An improved open and closing net system for stratified sampling of mid-water biota. , 2017, , .		4
10	Influence on management advice of fishers acousticsâ€™ 10 year review of blue grenadier monitoring. Fisheries Research, 2016, 178, 82-92.	1.7	2
11	Deep water acoustic calibration facility: Development of a platform. , 2016, , .		0
12	Improved estimates of orange roughy biomass using an acoustic-optical system in commercial trawlnets. ICES Journal of Marine Science, 2016, 73, 2112-2124.	2.5	7
13	Deep-scattering layer, gas-bladder density, and size estimates using a two-frequency acoustic and optical probe. ICES Journal of Marine Science, 2016, 73, 2037-2048.	2.5	53
14	The adaptation of acoustic data from commercial fishing vessels in resource assessment and ecosystem monitoring. Fisheries Research, 2016, 178, 13-25.	1.7	4
15	Optimization of a micronekton model with acoustic data. ICES Journal of Marine Science, 2015, 72, 1399-1412.	2.5	56
16	A combined acoustic and optical instrument for industry managed fisheries studies. , 2015, , .		3
17	Acoustic biomass estimation of mesopelagic fish: backscattering from individuals, populations, and communities. ICES Journal of Marine Science, 2015, 72, 1413-1424.	2.5	121
18	Optimising fisheries management in relation to tuna catches in the western central Pacific Ocean: A review of research priorities and opportunities. Marine Policy, 2015, 59, 94-104.	3.2	15

#	ARTICLE	IF	CITATIONS
19	Indicators of recovery for orange roughy (<i>Hoplostethus atlanticus</i>) in eastern Australian waters fished from 1987. <i>Fisheries Research</i> , 2015, 167, 225-235.	1.7	13
20	Reducing bias due to noise and attenuation in open-ocean echo integration data. <i>ICES Journal of Marine Science</i> , 2015, 72, 2482-2493.	2.5	91
21	The trophodynamics of marine top predators: Current knowledge, recent advances and challenges. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 170-187.	1.4	132
22	Productivity enhances benthic species richness along an oligotrophic Indian Ocean continental margin. <i>Global Ecology and Biogeography</i> , 2015, 24, 462-471.	5.8	29
23	A combined acoustic and optical instrument for industry managed fisheries studies. , 2014, , .		1
24	Response to comment on "Fishing and fecundity: The impact of exploitation on the reproductive potential of a deep-water fish, orange roughy (<i>Hoplostethus atlanticus</i>)". <i>Fisheries Research</i> , 2014, 155, 196-197.	1.7	0
25	Towards an acoustic-based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean. <i>Fish and Fisheries</i> , 2013, 14, 605-615.	5.3	66
26	Climate impacts and oceanic top predators: moving from impacts to adaptation in oceanic systems. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 537-546.	4.9	34
27	Fishing and fecundity: The impact of exploitation on the reproductive potential of a deep-water fish, orange roughy (<i>Hoplostethus atlanticus</i>). <i>Fisheries Research</i> , 2013, 147, 312-319.	1.7	7
28	Biology and Ecology of Irukandji Jellyfish (Cnidaria: Cubozoa). <i>Advances in Marine Biology</i> , 2013, 66, 1-85.	1.4	27
29	Identification and target strength of orange roughy (<i>Hoplostethus atlanticus</i>) measured in situ. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 97-108.	1.1	14
30	In situ target strength estimates of visually verified orange roughy. <i>ICES Journal of Marine Science</i> , 2013, 70, 215-222.	2.5	14
31	Salp-falls in the Tasman Sea: a major food input to deep-sea benthos. <i>Marine Ecology - Progress Series</i> , 2013, 491, 165-175.	1.9	55
32	Evaluating Geomorphic Features as Surrogates for Benthic Biodiversity on Australia's Western Continental Margin. , 2012, , 665-679.		7
33	Cross-basin heterogeneity in lanternfish (family Myctophidae) assemblages and isotopic niches ($\delta^{13}C$). <i>Journal of Fish Biology</i> , 2012, 80, 113-127.	1.4	23
34	The biological oceanography of the East Australian Current and surrounding waters in relation to tuna and billfish catches off eastern Australia. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 720-733.	1.4	55
35	In situ measurements of target strength with optical and model verification: a case study for blue grenadier, <i>Macrurus novaezelandiae</i> . <i>ICES Journal of Marine Science</i> , 2011, 68, 1986-1995.	2.5	22
36	Scales of habitat heterogeneity and megabenthos biodiversity on an extensive Australian continental margin (100-1100 m depths). <i>Marine Ecology</i> , 2010, 31, 222-236.	1.1	94

#	ARTICLE	IF	CITATIONS
37	Seamount megabenthic assemblages fail to recover from trawling impacts. <i>Marine Ecology</i> , 2010, 31, 183-199.	1.1	208
38	A combined acoustic and optical instrument for fisheries studies. , 2010, , .		8
39	Measurement and visual verification of fish target strength using an acoustic-optical system attached to a trawl net. <i>ICES Journal of Marine Science</i> , 2009, 66, 1238-1244.	2.5	44
40	Acoustic observations of micronekton fish on the scale of an ocean basin: potential and challenges. <i>ICES Journal of Marine Science</i> , 2009, 66, 998-1006.	2.5	132
41	Remarks on "Comment on: Williams et al. (2009) Australia's deep-water reserve network: implications of false homogeneity for classifying abiotic surrogates of biodiversity, <i>ICES Journal of Marine Science</i> , 66: 214-224" by Peter T. Harris, Andrew D. Heap, Tara J. Anderson, and Brendan Brooke. <i>ICES Journal of Marine Science</i> , 2009, 66, 2086-2088.	2.5	3
42	An introduction to the proceedings and a synthesis of the 2008 ICES Symposium on the Ecosystem Approach with Fisheries Acoustics and Complementary Technologies (SEAFACETS). <i>ICES Journal of Marine Science</i> , 2009, 66, 961-965.	2.5	9
43	Australia's deep-water reserve network: implications of false homogeneity for classifying abiotic surrogates of biodiversity. <i>ICES Journal of Marine Science</i> , 2009, 66, 214-224.	2.5	72
44	Analysis and prediction of faunal distributions from video and multi-beam sonar data using Markov models. <i>Environmetrics</i> , 2009, 20, 541-560.	1.4	7
45	Experience in implementing harvest strategies in Australia's south-eastern fisheries. <i>Fisheries Research</i> , 2008, 94, 373-379.	1.7	116
46	Acoustic seabed classification: current practice and future directions. <i>ICES Journal of Marine Science</i> , 2008, 65, 1004-1011.	2.5	198
47	Seafloor habitat definition for spatial management in fisheries: A case study on the continental shelf of southeast Australia. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeenne De Oceanologie</i> , 1999, 22, 705-720.	0.7	32
48	Extended Detection of Shallow Water Gas Seeps From Multibeam Echosounder Water Column Data. <i>Frontiers in Remote Sensing</i> , 0, 3, .	3.5	6