

Georg H Engelhard

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,117
citations

172207

29
h-index

161609

54
g-index

61
all docs

61
docs citations

61
times ranked

3947
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid blood acid–base regulation by European sea bass (<i>Dicentrarchus labrax</i>) in response to sudden exposure to high environmental CO ₂ . <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	10
2	Assessing the risk of climate change to aquaculture: a national-scale case study for the Sultanate of Oman. <i>Climate Risk Management</i> , 2022, 35, 100416.	1.6	7
3	Assessing intertidal seagrass beds relative to water quality in Vanuatu, South Pacific. <i>Marine Pollution Bulletin</i> , 2021, 163, 111936.	2.3	6
4	Future Socio-Political Scenarios for Aquatic Resources in Europe: A Common Framework Based on Shared-Socioeconomic-Pathways (SSPs). <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	12
5	Sidney Holt, a giant in the history of fisheries science who focused on the future: his legacy and challenges for present-day marine scientists. <i>ICES Journal of Marine Science</i> , 2021, 78, 2182-2192.	1.2	2
6	Climate risk to European fisheries and coastal communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	45
7	Disentangling tropicalization and deborealization in marine ecosystems under climate change. <i>Current Biology</i> , 2021, 31, 4817-4823.e5.	1.8	43
8	<i>Ostrea edulis</i> beds in the central North Sea: delineation, ecology, and restoration. <i>ICES Journal of Marine Science</i> , 2020, 77, 2694-2705.	1.2	19
9	Capturing threshold responses of marine benthos along gradients of natural and anthropogenic change. <i>Journal of Applied Ecology</i> , 2020, 57, 1137-1148.	1.9	15
10	Something old, something new: Historical perspectives provide lessons for blue growth agendas. <i>Fish and Fisheries</i> , 2020, 21, 774-796.	2.7	36
11	Reconstructing three decades of total international trawling effort in the North Sea. <i>Earth System Science Data</i> , 2020, 12, 373-386.	3.7	14
12	Reconstructing the past: design and function of Granton otter trawl gear at the turn of the twentieth century, as used in South Africa’s first trawl surveys (1897–1904). <i>Maritime Studies</i> , 2019, 18, 1-16.	1.1	1
13	Fish communities diverge in species but converge in traits over three decades of warming. <i>Global Change Biology</i> , 2019, 25, 3972-3984.	4.2	41
14	The sustainable use and exploitation of fishes. <i>Journal of Fish Biology</i> , 2019, 94, 833-836.	0.7	2
15	Rising CO ₂ enhances hypoxia tolerance in a marine fish. <i>Scientific Reports</i> , 2019, 9, 15152.	1.6	40
16	Assessing vulnerability and adaptive capacity of the fisheries sector in Dominica: long-term climate change and catastrophic hurricanes. <i>ICES Journal of Marine Science</i> , 2019, , .	1.2	12
17	A decline in primary production in the North Sea over 25 years, associated with reductions in zooplankton abundance and fish stock recruitment. <i>Global Change Biology</i> , 2018, 24, e352-e364.	4.2	171
18	A Climate-Driven Functional Inversion of Connected Marine Ecosystems. <i>Current Biology</i> , 2018, 28, 3654-3660.e3.	1.8	39

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19	Distribution of skates and sharks in the North Sea: 112 years of change. <i>Global Change Biology</i> , 2016, 22, 2729-2743.	4.2	66
20	Climate change and squid range expansion in the North Sea. <i>Journal of Biogeography</i> , 2016, 43, 2285-2298.	1.4	39
21	On the Need to Study Fishing Power Change: Challenges and Perspectives. , 2016, , 89-101.		6
22	ICES meets marine historical ecology: placing the history of fish and fisheries in current policy context. <i>ICES Journal of Marine Science</i> , 2016, 73, 1386-1403.	1.2	72
23	Socio-economic Impacts of Fisheries. <i>Regional Climate Studies</i> , 2016, , 375-395.	1.2	6
24	Effort reduction and the large fish indicator: spatial trends reveal positive impacts of recent European fleet reduction schemes. <i>Environmental Conservation</i> , 2015, 42, 227-236.	0.7	42
25	Recent experience with effort management in Europe: Implications for mixed fisheries. <i>Fisheries Research</i> , 2015, 169, 52-59.	0.9	8
26	Evaluating conservation and fisheries management strategies by linking spatial prioritization software and ecosystem and fisheries modelling tools. <i>Journal of Applied Ecology</i> , 2015, 52, 665-674.	1.9	65
27	Historical Arctic Logbooks Provide Insights into Past Diets and Climatic Responses of Cod. <i>PLoS ONE</i> , 2015, 10, e0135418.	1.1	13
28	Climate change and fishing: a century of shifting distribution in North Sea cod. <i>Global Change Biology</i> , 2014, 20, 2473-2483.	4.2	172
29	Forage fish, their fisheries, and their predators: who drives whom?. <i>ICES Journal of Marine Science</i> , 2014, 71, 90-104.	1.2	123
30	Ecosystem-based management objectives for the North Sea: riding the forage fish rollercoaster. <i>ICES Journal of Marine Science</i> , 2014, 71, 128-142.	1.2	39
31	Evolutionary impact assessment: accounting for evolutionary consequences of fishing in an ecosystem approach to fisheries management. <i>Fish and Fisheries</i> , 2014, 15, 65-96.	2.7	119
32	Wondering about wandering whiting: Distribution of North Sea whiting between the 1920s and 2000s. <i>Fisheries Research</i> , 2013, 145, 54-65.	0.9	11
33	Entering uncharted waters: Long-term dynamics of two data limited fish species, turbot and brill, in the North Sea. <i>Journal of Sea Research</i> , 2013, 84, 87-95.	0.6	12
34	Body condition of predatory fishes linked to the availability of sandeels. <i>Marine Biology</i> , 2013, 160, 299-308.	0.7	16
35	Impacts of climate change on the complex life cycles of fish. <i>Fisheries Oceanography</i> , 2013, 22, 121-139.	0.9	152
36	Spatial variation in growth, maturation schedules and reproductive investment of female sole <i>Solea solea</i> in the Northeast Atlantic. <i>Journal of Sea Research</i> , 2013, 84, 109-121.	0.6	28

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37	Shifts in the timing of spawning in sole linked to warming sea temperatures. <i>Journal of Sea Research</i> , 2013, 75, 69-76.	0.6	69
38	Can fisheries-induced evolution shift reference points for fisheries management?. <i>ICES Journal of Marine Science</i> , 2013, 70, 707-721.	1.2	102
39	Sprat feeding behaviour, selective predation, and impact on plaice egg mortality. <i>ICES Journal of Marine Science</i> , 2012, 69, 1019-1029.	1.2	16
40	The United Kingdom's role in North Sea demersal fisheries: a hundred year perspective. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 621-634.	2.4	28
41	Nine decades of North Sea sole and plaice distribution. <i>ICES Journal of Marine Science</i> , 2011, 68, 1090-1104.	1.2	97
42	Ecotypes as a concept for exploring responses to climate change in fish assemblages. <i>ICES Journal of Marine Science</i> , 2011, 68, 580-591.	1.2	56
43	An unintended experiment in fisheries science: a marine area protected by war results in Mexican waves in fish numbers-at-age. <i>Die Naturwissenschaften</i> , 2010, 97, 797-808.	0.6	31
44	An integrated approach for assessing the relative significance of human pressures and environmental forcing on the status of Large Marine Ecosystems. <i>Progress in Oceanography</i> , 2009, 81, 132-148.	1.5	84
45	Resolving the effect of climate change on fish populations. <i>ICES Journal of Marine Science</i> , 2009, 66, 1570-1583.	1.2	537
46	The "shifting baseline" phenomenon: a global perspective. <i>Reviews in Fish Biology and Fisheries</i> , 2008, 18, 1-16.	2.4	247
47	Migrations and hydrography determine the abundance fluctuations of blue whiting (<i>Micromesistius poutassou</i>) in the Barents Sea. <i>Fisheries Oceanography</i> , 2008, 17, 153-163.	0.9	28
48	A century of North Sea epibenthos and trawling: comparison between 1902–1912, 1982–1985 and 2000. <i>Marine Ecology - Progress Series</i> , 2007, 346, 27-43.	0.9	72
49	Climate change and condition of herring (<i>Clupea harengus</i>) explain long-term trends in extent of skipped reproduction. <i>Oecologia</i> , 2006, 149, 593-603.	0.9	31
50	Scale analysis suggests frequent skipping of the second reproductive season in Atlantic herring. <i>Biology Letters</i> , 2005, 1, 172-175.	1.0	29
51	Maturity changes in Norwegian spring-spawning herring before, during, and after a major population collapse. <i>Fisheries Research</i> , 2004, 66, 299-310.	0.9	57
52	Age at maturation predicted from routine scale measurements in Norwegian spring-spawning herring (<i>Clupea harengus</i>) using discriminant and neural network analyses. <i>ICES Journal of Marine Science</i> , 2003, 60, 304-313.	1.2	27
53	Human disturbance, nursing behaviour, and lactational pup growth in a declining southern elephant seal (<i>Mirounga leonina</i>) population. <i>Canadian Journal of Zoology</i> , 2002, 80, 1876-1886.	0.4	25
54	Mass of weaned elephant seal pups in areas of low and high human presence. <i>Polar Biology</i> , 2001, 24, 244-251.	0.5	35