

Michele Casini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9531982/publications.pdf>

Version: 2024-02-01

97
papers

4,462
citations

117571

34
h-index

114418

63
g-index

111
all docs

111
docs citations

111
times ranked

4638
citing authors

#	ARTICLE	IF	CITATIONS
1	Population structure of European sprat (<i>Sprattus sprattus</i>) in the Greater North Sea ecoregion revealed by otolith shape analysis. <i>Fisheries Research</i> , 2022, 245, 106131.	0.9	5
2	Is Diversity the Missing Link in Coastal Fisheries Management?. <i>Diversity</i> , 2022, 14, 90.	0.7	4
3	New perspectives on Eastern Baltic cod movement patterns from historical and contemporary tagging data. <i>Marine Ecology - Progress Series</i> , 2022, 689, 109-126.	0.9	5
4	Which factors can affect the productivity and dynamics of cod stocks in the Baltic Sea, Kattegat and Skagerrak?. <i>Ocean and Coastal Management</i> , 2022, 223, 106154.	2.0	7
5	Examining fish movement in terms of advection or diffusion: a case study of northeastern Atlantic cod. <i>Marine Ecology - Progress Series</i> , 2022, 691, 115-129.	0.9	1
6	Short-term tagging mortality of Baltic cod (<i>Gadus morhua</i>). <i>Fisheries Research</i> , 2021, 234, 105804.	0.9	1
7	Changes in population depth distribution and oxygen stratification are involved in the current low condition of the eastern Baltic Sea cod (<i>Gadus morhua</i>). <i>Biogeosciences</i> , 2021, 18, 1321-1331.	1.3	14
8	It's elemental, my dear Watson: validating seasonal patterns in otolith chemical chronologies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 551-566.	0.7	9
9	Multidecadal changes in fish growth rates estimated from tagging data: A case study from the Eastern Baltic cod (<i>Gadus morhua</i> , <i>Gadidae</i>). <i>Fish and Fisheries</i> , 2021, 22, 413-427.	2.7	20
10	Eaten by a cormorant: Unexpected return of a tagged Baltic cod. , 2021, , .		1
11	Linking consumer physiological status to food-web structure and prey food value in the Baltic Sea. <i>Ambio</i> , 2020, 49, 391-406.	2.8	18
12	Deficiency syndromes in top predators associated with large-scale changes in the Baltic Sea ecosystem. <i>PLoS ONE</i> , 2020, 15, e0227714.	1.1	13
13	Feeding and growth of Atlantic cod (<i>Gadus morhua</i> L.) in the eastern Baltic Sea under environmental change. <i>ICES Journal of Marine Science</i> , 2020, 77, 624-632.	1.2	55
14	Historical growth of Eastern Baltic cod (<i>Gadus morhua</i>): Setting a baseline with international tagging data. <i>Fisheries Research</i> , 2020, 223, 105442.	0.9	11
15	Regional and stock-specific differences in contemporary growth of Baltic cod revealed through tag-recapture data. <i>ICES Journal of Marine Science</i> , 2020, 77, 2078-2088.	1.2	9
16	Reply to "Reduced growth in Baltic Sea cod may be due to mild hypoxia" a comment to Neuenfeldt et al. (2020). <i>ICES Journal of Marine Science</i> , 2020, 77, 2006-2008.	1.2	1
17	Long-term changes in spatial overlap between interacting cod and flounder in the Baltic Sea. <i>Hydrobiologia</i> , 2020, 847, 2541-2553.	1.0	9
18	Analyses of structural changes in ecological time series (ASCETS). <i>Ecological Indicators</i> , 2020, 116, 106469.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Seeking the true time: Exploring otolith chemistry as an age-determination tool. <i>Journal of Fish Biology</i> , 2020, 97, 552-565.	0.7	30
20	Feeding and growth of Atlantic cod (<i>Gadus morhua</i> L.) in the eastern Baltic Sea under environmental change. <i>ICES Journal of Marine Science</i> , 2020, 77, 858-858.	1.2	2
21	Diet of dominant demersal fish species in the Baltic Sea: Is flounder stealing benthic food from cod?. <i>Marine Ecology - Progress Series</i> , 2020, 645, 159-170.	0.9	15
22	Ecological adaptation in Atlantic herring is associated with large shifts in allele frequencies at hundreds of loci. <i>ELife</i> , 2020, 9, .	2.8	51
23	Ecologically Sustainable Exploitation Rates—A multispecies approach for fisheries management. <i>Fish and Fisheries</i> , 2019, 20, 952-961.	2.7	2
24	Modeling vitamin B1 transfer to consumers in the aquatic food web. <i>Scientific Reports</i> , 2019, 9, 10045.	1.6	23
25	Spatial contraction of demersal fish populations in a large marine ecosystem. <i>Journal of Biogeography</i> , 2019, 46, 633-645.	1.4	30
26	Trophic Interactions, Management Trade-Offs and Climate Change: The Need for Adaptive Thresholds to Operationalize Ecosystem Indicators. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	9
27	The first large-scale assessment of three-spined stickleback (<i>Gasterosteus aculeatus</i>) biomass and spatial distribution in the Baltic Sea. <i>ICES Journal of Marine Science</i> , 2019, 76, 1653-1665.	1.2	23
28	Spatio-temporal dynamics and behavioural ecology of a demersal fish population as detected using research survey pelagic trawl catches: the Eastern Baltic Sea cod (<i>Gadus morhua</i>). <i>ICES Journal of Marine Science</i> , 2019, 76, 1591-1600.	1.2	6
29	Effects of freezing on length and mass measurements of Atlantic cod <i>Gadus morhua</i> in the Baltic Sea. <i>Journal of Fish Biology</i> , 2019, 95, 1486-1495.	0.7	3
30	Otolith chemistry indicates recent worsened Baltic cod condition is linked to hypoxia exposure. <i>Biology Letters</i> , 2019, 15, 20190352.	1.0	40
31	Spatio-temporal dynamics and behavioural ecology of a demersal fish population as detected using research survey pelagic trawl catches: the Eastern Baltic Sea cod (<i>Gadus morhua</i>). <i>ICES Journal of Marine Science</i> , 2019, 76, 1931-1931.	1.2	1
32	Predator-prey body size relationships of cod in a low-diversity marine system. <i>Marine Ecology - Progress Series</i> , 2019, 627, 201-206.	0.9	4
33	Effect of fish length and nutritional condition on the fecundity of distressed Atlantic cod <i>Gadus morhua</i> from the Baltic Sea. <i>Journal of Fish Biology</i> , 2018, 92, 1016-1034.	0.7	30
34	Reducing eutrophication increases spatial extent of communities supporting commercial fisheries: a model case study. <i>ICES Journal of Marine Science</i> , 2018, 75, 1306-1317.	1.2	36
35	Size-dependent prey availability affects diet and performance of predatory fish at sea: a case study of Atlantic salmon. <i>Ecosphere</i> , 2018, 9, e02081.	1.0	21
36	A quantitative framework for selecting and validating food web indicators. <i>Ecological Indicators</i> , 2018, 84, 619-631.	2.6	53

#	ARTICLE	IF	CITATIONS
37	Effect of Marine Hypoxia on Baltic Sea Cod <i>Gadus morhua</i> : Evidence From Otolith Chemical Proxies. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	48
38	A three-dimensional view on biodiversity changes: spatial, temporal, and functional perspectives on fish communities in the Baltic Sea. <i>ICES Journal of Marine Science</i> , 2018, 75, 2463-2475.	1.2	7
39	The Baltic Sea as a time machine for the future coastal ocean. <i>Science Advances</i> , 2018, 4, eaar8195.	4.7	339
40	Food-web indicators accounting for species interactions respond to multiple pressures. <i>Ecological Indicators</i> , 2017, 77, 67-79.	2.6	14
41	Modelling indices of abundance and size-based indicators of cod and flounder stocks in the Baltic Sea using newly standardized trawl survey data. <i>ICES Journal of Marine Science</i> , 2017, 74, 1322-1333.	1.2	26
42	Seasonal dynamics in the diet of pelagic fish species in the southwest Baltic Proper. <i>ICES Journal of Marine Science</i> , 2017, 74, 750-758.	1.2	15
43	Metapopulation theory identifies biogeographical patterns among core and satellite marine bacteria scaling from tens to thousands of kilometers. <i>Environmental Microbiology</i> , 2017, 19, 1222-1236.	1.8	38
44	Characterizing and predicting the distribution of Baltic Sea flounder (<i>Platichthys flesus</i>) during the spawning season. <i>Journal of Sea Research</i> , 2017, 126, 46-55.	0.6	11
45	Nash equilibrium can resolve conflicting maximum sustainable yields in multi-species fisheries management. <i>ICES Journal of Marine Science</i> , 2017, 74, 78-90.	1.2	12
46	Moderate nucleotide diversity in the Atlantic herring is associated with a low mutation rate. <i>ELife</i> , 2017, 6, .	2.8	63
47	Spatio-temporal dynamics of a fish predator: Density-dependent and hydrographic effects on Baltic Sea cod population. <i>PLoS ONE</i> , 2017, 12, e0172004.	1.1	22
48	Hypoxic areas, density-dependence and food limitation drive the body condition of a heavily exploited marine fish predator. <i>Royal Society Open Science</i> , 2016, 3, 160416.	1.1	110
49	The genetic basis for ecological adaptation of the Atlantic herring revealed by genome sequencing. <i>ELife</i> , 2016, 5, .	2.8	143
50	Unscrambling Cyanobacteria Community Dynamics Related to Environmental Factors. <i>Frontiers in Microbiology</i> , 2016, 7, 625.	1.5	71
51	Local Environmental Conditions Shape Generalist But Not Specialist Components of Microbial Metacommunities in the Baltic Sea. <i>Frontiers in Microbiology</i> , 2016, 07, 2078.	1.5	44
52	Using alternative biological information in stock assessment: condition-corrected natural mortality of Eastern Baltic cod. <i>ICES Journal of Marine Science</i> , 2016, 73, 2625-2631.	1.2	30
53	Fishing, reproductive volume and regulation: population dynamics and exploitation of the eastern Baltic cod. <i>Population Ecology</i> , 2016, 58, 199-211.	0.7	5
54	A centurial development of the North Sea fish megafauna as reflected by the historical Swedish longlining fisheries. <i>Fish and Fisheries</i> , 2015, 16, 522-533.	2.7	15

#	ARTICLE	IF	CITATIONS
55	Growth and maturity of sprat (<i>Sprattus sprattus</i>) in the Kattegat and Skagerrak, eastern North Sea. <i>Aquatic Living Resources</i> , 2015, 28, 127-137.	0.5	3
56	Climate and fishing steer ecosystem regeneration to uncertain economic futures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142809.	1.2	52
57	Stickleback increase in the Baltic Sea – A thorny issue for coastal predatory fish. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 134-142.	0.9	78
58	Eastern Baltic cod in distress: biological changes and challenges for stock assessment. <i>ICES Journal of Marine Science</i> , 2015, 72, 2180-2186.	1.2	129
59	Regime shifts in exploited marine food webs: detecting mechanisms underlying alternative stable states using size-structured community dynamics theory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130262.	1.8	66
60	The importance of within-system spatial variation in drivers of marine ecosystem regime shifts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130271.	1.8	18
61	A holistic view of marine regime shifts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130279.	1.8	131
62	Density-Dependence in Space and Time: Opposite Synchronous Variations in Population Distribution and Body Condition in the Baltic Sea Sprat (<i>Sprattus sprattus</i>) over Three Decades. <i>PLoS ONE</i> , 2014, 9, e92278.	1.1	22
63	A metacommunity perspective on source-sink dynamics and management: the Baltic Sea as a case study. <i>Ecological Applications</i> , 2014, 24, 1820-1832.	1.8	29
64	Forecasting fish stock dynamics under climate change: Atlantic herring (<i>Clupea</i>) overlock. <i>PLoS ONE</i> , 2014, 9, e0103822.	0.9	32
65	The community structure of over-wintering larval and small juvenile fish in a large estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 139, 27-39.	0.9	10
66	Implementing ecosystem-based fisheries management: from single-species to integrated ecosystem assessment and advice for Baltic Sea fish stocks. <i>ICES Journal of Marine Science</i> , 2014, 71, 1187-1197.	1.2	92
67	CPUE trends of <i>Hilsa kelee</i> and <i>Thryssa vitirostris</i> exploited by the artisanal finfish fisheries in Mozambique derived from an on-shore sampling of catches by trip. <i>Scientia Marina</i> , 2014, 78, 55-64.	0.3	5
68	Predators with Multiple Ontogenetic Niche Shifts Have Limited Potential for Population Growth and Top-Down Control of Their Prey. <i>American Naturalist</i> , 2013, 182, 53-66.	1.0	33
69	Cohort Dynamics Give Rise to Alternative Stable Community States. <i>American Naturalist</i> , 2013, 182, 374-392.	1.0	11
70	The thiamine deficiency syndrome M74, a reproductive disorder of Atlantic salmon (<i>Salmo salar</i>) feeding in the Baltic Sea, is related to the fat and thiamine content of prey fish. <i>ICES Journal of Marine Science</i> , 2012, 69, 516-528.	1.2	51
71	Predator transitory spillover induces trophic cascades in ecological sinks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8185-8189.	3.3	98
72	Spatial management of marine resources can enhance the recovery of predators and avoid local depletion of forage fish. <i>Conservation Letters</i> , 2012, 5, 486-492.	2.8	86

#	ARTICLE	IF	CITATIONS
73	Historical spatiotemporal dynamics of eastern North Sea cod. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 833-841.	0.7	24
74	Spatial and temporal depletion of haddock and pollack during the last century in the Kattegat-Skagerrak. <i>Journal of Applied Ichthyology</i> , 2012, 28, 200-208.	0.3	19
75	Climate variability drives anchovies and sardines into the North and Baltic Seas. <i>Progress in Oceanography</i> , 2012, 96, 128-139.	1.5	100
76	Spatial and temporal density dependence regulates the condition of central Baltic Sea clupeids: compelling evidence using an extensive international acoustic survey. <i>Population Ecology</i> , 2011, 53, 511-523.	0.7	84
77	Effects of Altered Offshore Food Webs on Coastal Ecosystems Emphasize the Need for Cross-Ecosystem Management. <i>Ambio</i> , 2011, 40, 786-797.	2.8	100
78	Relationships between fish stock changes in the Baltic Sea and the M74 syndrome, a reproductive disorder of Atlantic salmon (<i>Salmo salar</i>). <i>ICES Journal of Marine Science</i> , 2011, 68, 2134-2144.	1.2	31
79	Beauty is in the eye of the beholder: management of Baltic cod stock requires an ecosystem approach. <i>Marine Ecology - Progress Series</i> , 2011, 431, 293-297.	0.9	12
80	Making the ecosystem approach operational – Can regime shifts in ecological- and governance systems facilitate the transition?. <i>Marine Policy</i> , 2010, 34, 1290-1299.	1.5	99
81	Recruitment failure of coastal predatory fish in the Baltic Sea coincident with an offshore ecosystem regime shift. <i>ICES Journal of Marine Science</i> , 2010, 67, 1587-1595.	1.2	125
82	Linking fisheries, trophic interactions and climate: threshold dynamics drive herring <i>Clupea harengus</i> growth in the central Baltic Sea. <i>Marine Ecology - Progress Series</i> , 2010, 413, 241-252.	0.9	81
83	Trophic cascades promote threshold-like shifts in pelagic marine ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 197-202.	3.3	339
84	Conservation value of historical data: reconstructing stock dynamics of turbot during the last century in the Kattegat-Skagerrak. <i>Marine Ecology - Progress Series</i> , 2009, 386, 197-206.	0.9	29
85	Spatial variation in growth, condition and maturation reaction norms of the Baltic herring <i>Clupea harengus</i> membras. <i>Marine Ecology - Progress Series</i> , 2009, 383, 285-294.	0.9	16
86	Effect of environmental variability and spawner characteristics on the recruitment of Baltic herring <i>Clupea harengus</i> populations. <i>Marine Ecology - Progress Series</i> , 2009, 388, 221-234.	0.9	47
87	The spatial distribution of cod (<i>Gadus morhua</i> L.) spawning grounds in the Kattegat, eastern North Sea. <i>Fisheries Research</i> , 2008, 90, 36-44.	0.9	34
88	Multi-level trophic cascades in a heavily exploited open marine ecosystem. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1793-1801.	1.2	262
89	The influence of the Atlantic and regional climate variability on the long-term changes in gelatinous carnivore populations in the northwestern Mediterranean. <i>Limnology and Oceanography</i> , 2008, 53, 1456-1467.	1.6	49
90	Inter-annual variation in herring, <i>Clupea harengus</i> , and sprat, <i>Sprattus sprattus</i> , condition in the central Baltic Sea: what gives the tune?. <i>Oikos</i> , 2006, 112, 638-650.	1.2	109

#	ARTICLE	IF	CITATIONS
91	Fish, seabirds and trophic cascades in the Baltic Sea. <i>Marine Ecology - Progress Series</i> , 2006, 323, 233-238.	0.9	79
92	Trends in cpue and related changes in spatial distribution of demersal fish species in the Kattegat and Skagerrak, eastern North Sea, between 1981 and 2003. <i>ICES Journal of Marine Science</i> , 2005, 62, 671-682.	1.2	26
93	Feeding preferences of herring (<i>Clupea harengus</i>) and sprat (<i>Sprattus sprattus</i>) in the southern Baltic Sea. <i>ICES Journal of Marine Science</i> , 2004, 61, 1267-1277.	1.2	124
94	Diel spatial distribution and feeding activity of herring (<i>Clupea harengus</i>) and sprat (<i>Sprattus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.5	84
95	The influence of biotic and abiotic factors on the growth of sprat (<i>Sprattus sprattus</i>) in the Baltic Sea. <i>Aquatic Living Resources</i> , 2002, 15, 273-281.	0.5	46
96	Food-web and climate-related dynamics in the Baltic Sea: present and potential future applications in fish stock assessment and management. , 0 , 9-31.		6
97	Framelessâ€”finding and refining a sampling frame for surveying recreational fisheries: lessons from estimating Swedish harvest of western Baltic cod. <i>ICES Journal of Marine Science</i> , 0 , , .	1.2	1