

Bruno Ernande

List of Publications by Year in descending order

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50
papers

4,042
citations

172457

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189892

50
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51
all docs

51
docs citations

51
times ranked

4677
citing authors

#	ARTICLE	IF	CITATIONS
1	Directional Bilateral Asymmetry in Fish Otolith: A Potential Tool to Evaluate Stock Boundaries?. Symmetry, 2021, 13, 987.	2.2	13
2	New scale analyses reveal centenarian African coelacanths. Current Biology, 2021, 31, 3621-3628.e4.	3.9	7
3	Plasticity of trophic interactions in fish assemblages results in temporal stability of benthic-pelagic couplings. Marine Environmental Research, 2021, 170, 105412.	2.5	12
4	Isotopic analyses, a good tool to validate models in the context of Marine Renewable Energy development and cumulative impacts. Estuarine, Coastal and Shelf Science, 2020, 237, 106690.	2.1	5
5	Complementarity and discriminatory power of genotype and otolith shape in describing the fine-scale population structure of an exploited fish, the common sole of the Eastern English Channel. PLoS ONE, 2020, 15, e0241429.	2.5	8
6	Measuring sensitivity of two OSPAR indicators for a coastal food web model under offshore wind farm construction. Ecological Indicators, 2019, 96, 728-738.	6.3	34
7	Directional bilateral asymmetry in otolith morphology may affect fish stock discrimination based on otolith shape analysis. ICES Journal of Marine Science, 2019, 76, 232-243.	2.5	36
8	Moderate hypoxia but not warming conditions at larval stage induces adverse carry-over effects on hypoxia tolerance of European sea bass (Dicentrarchus labrax) juveniles. Marine Environmental Research, 2018, 138, 28-35.	2.5	18
9	Fish life-history traits are affected after chronic dietary exposure to an environmentally realistic marine mixture of PCBs and PBDEs. Science of the Total Environment, 2018, 610-611, 531-545.	8.0	43
10	Individual diet variation in a marine fish assemblage: Optimal Foraging Theory, Niche Variation Hypothesis and functional identity. Journal of Sea Research, 2017, 120, 60-71.	1.6	24
11	Utility of mixed effects models to inform the stock structure of whiting in the Northeast Atlantic Ocean. Fisheries Research, 2017, 190, 132-139.	1.7	6
12	Depth gradient in the resource use of a fish community from a semi-enclosed sea. Limnology and Oceanography, 2017, 62, 2213-2226.	3.1	47
13	Cause or consequence? Exploring the role of phenotypic plasticity and genetic polymorphism in the emergence of phenotypic spatial patterns of the European eel. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 987-999.	1.4	10
14	Benthic and fish aggregation inside an offshore wind farm: Which effects on the trophic web functioning?. Ecological Indicators, 2017, 72, 33-46.	6.3	89
15	Spatial and temporal adjustments in gill and palp size in the oyster <i>Crassostrea gigas</i> . Journal of Molluscan Studies, 2017, 83, 11-18.	1.2	12
16	A new application of principal response curves for summarizing abrupt and cyclic shifts of communities over space. Ecosphere, 2017, 8, e02023.	2.2	17
17	Underestimation of chemical contamination in marine fish muscle tissue can be reduced by considering variable wet:dry weight ratios. Marine Pollution Bulletin, 2017, 123, 279-285.	5.0	52
18	North Sea saithe Pollachius virens growth in relation to food availability, density dependence and temperature. Marine Ecology - Progress Series, 2016, 542, 141-151.	1.9	9

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19	Diet is correlated with otolith shape in marine fish. <i>Marine Ecology - Progress Series</i> , 2016, 555, 167-184.	1.9	35
20	Sagittal otolith morphogenesis asymmetry in marine fishes. <i>Journal of Fish Biology</i> , 2015, 87, 646-663.	1.6	54
21	Regime Shift in an Exploited Fish Community Related to Natural Climate Oscillations. <i>PLoS ONE</i> , 2015, 10, e0129883.	2.5	38
22	Fisheries-induced neutral and adaptive evolution in exploited fish populations and consequences for their adaptive potential. <i>Evolutionary Applications</i> , 2015, 8, 47-63.	3.1	47
23	Evaluation of the impact of polyethylene microbeads ingestion in European sea bass (<i>Dicentrarchus labrax</i>). <i>Environmental Pollution</i> , 2015, 192, 107-114.	2.5	289
24	Reorganization of a marine trophic network along an inshore-offshore gradient due to stronger pelagic-benthic coupling in coastal areas. <i>Progress in Oceanography</i> , 2015, 130, 157-171.	3.2	71
25	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.	5.3	119
26	Temporal trends in age and size at maturation of four North Sea gadid species: cod, haddock, whiting and Norway pout. <i>Marine Ecology - Progress Series</i> , 2014, 497, 179-197.	1.9	34
27	Estimating age at maturation and energy-based life-history traits from individual growth trajectories with nonlinear mixed-effects models. <i>Oecologia</i> , 2013, 172, 631-643.	2.0	16
28	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.	1.6	28
29	Hypoxia tolerance of common sole juveniles depends on dietary regime and temperature at the larval stage: evidence for environmental conditioning. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123022.	2.6	28
30	Can fisheries-induced evolution shift reference points for fisheries management?. <i>ICES Journal of Marine Science</i> , 2013, 70, 707-721.	2.5	102
31	Predictive systems ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131452.	2.6	114
32	Impact of Environmental Covariation in Growth and Mortality on Evolving Maturation Reaction Norms. <i>American Naturalist</i> , 2011, 177, E98-E118.	2.1	27
33	Multiple growth-correlated life history traits estimated simultaneously in individuals. <i>Oikos</i> , 2010, 119, 10-26.	2.7	15
34	Importance and future of individual markers for the ecosystem approach to fisheries. <i>Aquatic Living Resources</i> , 2009, 22, 395-408.	1.2	25
35	The Channel habitat atlas for marine resource management (CHARM): an aid for planning and decision-making in an area under strong anthropogenic pressure. <i>Aquatic Living Resources</i> , 2009, 22, 499-508.	1.2	33
36	ORIGINAL ARTICLE: Size-selective fishing gear and life history evolution in the Northeast Arctic cod. <i>Evolutionary Applications</i> , 2009, 2, 356-370.	3.1	100

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37	Reproductive effort and growth in <i>Crassostrea gigas</i> : comparison of young diploid and triploid oysters issued from natural crosses or chemical induction. <i>Aquatic Biology</i> , 2009, 7, 229-241.	1.4	42
38	Modelling species distributions using regression quantiles. <i>Journal of Applied Ecology</i> , 2008, 45, 204-217.	4.0	69
39	Summer mortality of hatchery-produced Pacific oyster spat (<i>Crassostrea gigas</i>). I. Estimation of genetic parameters for survival and growth. <i>Aquaculture</i> , 2007, 262, 41-53.	3.5	153
40	Ecology: Managing Evolving Fish Stocks. <i>Science</i> , 2007, 318, 1247-1248.	12.6	552
41	The logic of skipped spawning in fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 200-211.	1.4	220
42	Phenotypic and genetic consequences of size selection at the larval stage in the Pacific oyster (<i>Crassostrea gigas</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 333, 147-158.	1.5	51
43	The evolution of phenotypic plasticity in spatially structured environments: implications of intraspecific competition, plasticity costs and environmental characteristics. <i>Journal of Evolutionary Biology</i> , 2004, 17, 613-628.	1.7	98
44	Maturation trends indicative of rapid evolution preceded the collapse of northern cod. <i>Nature</i> , 2004, 428, 932-935.	27.8	703
45	Adaptive changes in harvested populations: plasticity and evolution of age and size at maturation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 415-423.	2.6	240
46	Individual growth variation and its relationship with survival in juvenile Pacific oysters, <i>Crassostrea gigas</i> (Thunberg). <i>Aquaculture International</i> , 2003, 11, 429-448.	2.2	13
47	Genetic polymorphism and trade-offs in the early life-history strategy of the Pacific oyster, <i>Crassostrea gigas</i> (Thunberg, 1795): a quantitative genetic study. <i>Journal of Evolutionary Biology</i> , 2003, 16, 399-414.	1.7	56
48	Plasticity in resource allocation based life history traits in the Pacific oyster, <i>Crassostrea gigas</i> . I. Spatial variation in food abundance. <i>Journal of Evolutionary Biology</i> , 2003, 17, 342-356.	1.7	103
49	Trade-offs in phenotypic traits: endurance at birth, growth, survival, predation and susceptibility to parasitism in a lizard, <i>Lacerta vivipara</i> . <i>Functional Ecology</i> , 2000, 14, 675-684.	3.6	117
50	Environmental drivers of herring growth and how the perception shifts with time series length. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , .	1.4	2