

# Caroline M Durif

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6895802/publications.pdf>

Version: 2024-02-01

40  
papers

936  
citations

516710

16  
h-index

526287

27  
g-index

41  
all docs

41  
docs citations

41  
times ranked

987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater eels: A symbol of the effects of global change. <i>Fish and Fisheries</i> , 2018, 19, 903-930.	5.3	100
2	Glass eels ( <i>Anguilla anguilla</i> ) have a magnetic compass linked to the tidal cycle. <i>Science Advances</i> , 2017, 3, e1602007.	10.3	61
3	Early life stages of the Arctic copepod <i>Calanus glacialis</i> are unaffected by increased seawater pCO <sub>2</sub> . <i>ICES Journal of Marine Science</i> , 2017, 74, 996-1004.	2.5	55
4	Silver Eel Migration and Behaviour. , 2009, , 65-95.		54
5	Magnetic Compass Orientation in the European Eel. <i>PLoS ONE</i> , 2013, 8, e59212.	2.5	53
6	Influence of oceanic factors on <i>Anguilla anguilla</i> (L.) over the twentieth century in coastal habitats of the Skagerrak, southern Norway. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 464-473.	2.6	48
7	Seasonal Evolution and Individual Differences in Silvering Eels from Different Locations. , 2009, , 13-38.		45
8	Understanding the decline in anguillid eels. <i>ICES Journal of Marine Science</i> , 2016, 73, 1-4.	2.5	35
9	Distribution and habitat preferences of five species of wrasse (Family Labridae) in a Norwegian fjord. <i>ICES Journal of Marine Science</i> , 2015, 72, 890-899.	2.5	34
10	End of the century CO <sub>2</sub> concentrations do not have a negative effect on vital rates of <i>Calanus finmarchicus</i> , an ecologically critical planktonic species in North Atlantic ecosystems. <i>ICES Journal of Marine Science</i> , 2016, 73, 937-950.	2.5	34
11	Timing and pattern of annual silver eel migration in two European watersheds are determined by similar cues. <i>Ecology and Evolution</i> , 2017, 7, 5956-5966.	1.9	33
12	Genetic structure of the lumpfish <i>Cyclopterus lumpus</i> across the North Atlantic. <i>ICES Journal of Marine Science</i> , 2014, 71, 2390-2397.	2.5	30
13	Male-biased sexual size dimorphism in the nest building corkwing wrasse ( <i>Symphodus melops</i> ): implications for a size regulated fishery. <i>ICES Journal of Marine Science</i> , 2016, 73, 2586-2594.	2.5	29
14	Glass eels ( <i>Anguilla anguilla</i> ) imprint the magnetic direction of tidal currents from their juvenile estuaries. <i>Communications Biology</i> , 2019, 2, 366.	4.4	23
15	Lumpfish ( <i>Cyclopterus lumpus</i> ) in the Barents Sea: development of biomass and abundance indices, and spatial distribution. <i>ICES Journal of Marine Science</i> , 2014, 71, 2398-2402.	2.5	22
16	Impact of magnetic fields generated by AC/DC submarine power cables on the behavior of juvenile European lobster ( <i>Homarus gammarus</i> ). <i>Aquatic Toxicology</i> , 2020, 220, 105401.	4.0	22
17	Effect of Sub-Lethal Exposure to Ultraviolet Radiation on the Escape Performance of Atlantic Cod Larvae ( <i>Gadus morhua</i> ). <i>PLoS ONE</i> , 2012, 7, e35554.	2.5	22
18	Electric and magnetic senses in marine animals, and potential behavioral effects of electromagnetic surveys. <i>Marine Environmental Research</i> , 2020, 155, 104888.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Long-term variation in numbers and biomass of silver eels being produced in two European river systems. <i>ICES Journal of Marine Science</i> , 2018, 75, 1627-1637.	2.5	18
20	Airgun blasts used in marine seismic surveys have limited effects on mortality, and no sublethal effects on behaviour or gene expression, in the copepod <i>Calanus finmarchicus</i> . <i>ICES Journal of Marine Science</i> , 2019, 76, 2033-2044.	2.5	18
21	Atlantic Haddock ( <i>Melanogrammus aeglefinus</i> ) Larvae Have a Magnetic Compass that Guides Their Orientation. <i>IScience</i> , 2019, 19, 1173-1178.	4.1	18
22	A brief history of lumpfishing, assessment, and management across the North Atlantic. <i>ICES Journal of Marine Science</i> , 2019, 76, 181-191.	2.5	17
23	A unifying hypothesis for the spawning migrations of temperate anguillid eels. <i>Fish and Fisheries</i> , 2022, 23, 358-375.	5.3	17
24	Exposure to teflubenzuron negatively impacts exploratory behavior, learning and activity of juvenile European lobster ( <i>Homarus gammarus</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 216-221.	6.0	14
25	The relationship between the moon cycle and the orientation of glass eels ( <i>Anguilla anguilla</i> ) at sea. <i>Royal Society Open Science</i> , 2019, 6, 190812.	2.4	13
26	The lunar compass of European glass eels ( <i>Anguilla anguilla</i> ) increases the probability that they recruit to North Sea coasts. <i>Fisheries Oceanography</i> , 2021, 30, 315-330.	1.7	13
27	Effects of Exposure to Low Concentrations of Oil on the Expression of Cytochrome P4501a and Routine Swimming Speed of Atlantic Haddock ( <i>Melanogrammus aeglefinus</i> ) Larvae In Situ. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13879-13887.	10.0	11
28	The planktonic stages of the salmon louse ( <i>Lepeophtheirus salmonis</i> ) are tolerant of end-of-century $\text{pCO}_2$ concentrations. <i>PeerJ</i> , 2019, 7, e7810.	2.0	11
29	Age of European silver eels during a period of declining abundance in Norway. <i>Ecology and Evolution</i> , 2020, 10, 4801-4815.	1.9	10
30	Grazing Rates of <i>Calanus finmarchicus</i> on <i>Thalassiosira weissflogii</i> Cultured under Different Levels of Ultraviolet Radiation. <i>PLoS ONE</i> , 2011, 6, e26333.	2.5	9
31	Feeding habitat and silvering stage affect lipid content and fatty acid composition of European eel <i>Anguilla anguilla</i> tissues. <i>Journal of Fish Biology</i> , 2021, 99, 1110-1124.	1.6	8
32	Photo-enhanced toxicity of crude oil on early developmental stages of Atlantic cod ( <i>Gadus morhua</i> ). <i>Science of the Total Environment</i> , 2022, 807, 150697.	8.0	8
33	Movement patterns of temperate wrasses (Labridae) within a small marine protected area. <i>Journal of Fish Biology</i> , 2021, 99, 1513-1518.	1.6	6
34	Magnetic fields generated by the DC cables of offshore wind farms have no effect on spatial distribution or swimming behavior of lesser sandeel larvae ( <i>Ammodytes marinus</i> ). <i>Marine Environmental Research</i> , 2022, 176, 105609.	2.5	6
35	Whether European eel leptocephali use the Earth's magnetic field to guide their migration remains an open question. <i>Current Biology</i> , 2017, 27, R998-R1000.	3.9	5
36	Increasing temperature and prey availability affect the growth and swimming kinematics of Atlantic herring ( <i>Clupea harengus</i> ) larvae. <i>Journal of Plankton Research</i> , 0, , .	1.8	5

#	ARTICLE	IF	CITATIONS
37	Joint temporal trends in river thermal and hydrological conditions can threaten the downstream migration of the critically endangered European eel. <i>Scientific Reports</i> , 2021, 11, 16927.	3.3	4
38	Goldsinny wrasse ( <i>Ctenolabrus rupestris</i> ) have a sex-dependent magnetic compass for maintaining site fidelity. <i>Fisheries Oceanography</i> , 2022, 31, 164-171.	1.7	2
39	Towards a sustainable fishery and use of cleaner fish in salmonid aquaculture. <i>TemaNord</i> , 0, , .	1.3	1
40	Long-Distance Migrations: Orientation and Navigation of Anguillid Eels . , 0, , .		0