

# François Le Loc'h

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

3,353  
citations

145106

33  
h-index

198040

52  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential microplastics impacts on African fishing resources. <i>Science of the Total Environment</i> , 2022, 806, 150671.	3.9	10
2	Trophic Ecology and Ecomorphology of the Shorthead Drum, <i>Larimus breviceps</i> (Acanthuriformes): Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.1	1
3	Spatialized ecological network analysis for ecosystem-based management: effects of climate change, marine renewable energy, and fishing on ecosystem functioning in the Bay of Seine. <i>ICES Journal of Marine Science</i> , 2022, 79, 1098-1112.	1.2	10
4	Role of estuarine habitats for the feeding ecology of the European eel ( <i>Anguilla anguilla</i> L.). <i>PLoS ONE</i> , 2022, 17, e0270348.	1.1	11
5	Estuarine food web structure and relative importance of organic matter sources for fish in a highly connected Northeastern Brazil ecotone. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 275, 107972.	0.9	0
6	How the fishing effort control and environmental changes affect the sustainability of a tropical shrimp small scale fishery. <i>Fisheries Research</i> , 2021, 235, 105824.	0.9	16
7	Cumulative effects of marine renewable energy and climate change on ecosystem properties: Sensitivity of ecological network analysis. <i>Ecological Indicators</i> , 2021, 121, 107128.	2.6	30
8	Diet of spiny lobsters from MahÃ© Island reefs, Seychelles inferred by trophic tracers. <i>Regional Studies in Marine Science</i> , 2021, 42, 101640.	0.4	3
9	The Merits of Loop Analysis for the Qualitative Modeling of Social-Ecological Systems in Presence of Offshore Wind Farms. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	7
10	Trophic structure of a nekto-benthic community exploited by a multispecific bottom trawling fishery in Northeastern Brazil. <i>PLoS ONE</i> , 2021, 16, e0246491.	1.1	3
11	Morphological and genetic characterization of the invasive rayed pearl oyster <i>Pinctada imbricata radiata</i> (Mollusca: Bivalvia: Pteriidae) populations from contrasting environments along the Tunisian coast. <i>Marine Biology Research</i> , 2021, 17, 200-214.	0.3	2
12	Importance of estuary morphology for ecological connectivity with their adjacent coast: A case study in Brazilian tropical estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 251, 107184.	0.9	12
13	Structure and seasonal variability in fish food webs in a small macrotidal estuary (Canche estuary), Tj ETQq1 1 0.784314 rgBT /Overlock Marine Science, 2021, 44, 101694.	0.4	3
14	Length-weight relationships of 5 fish species from the Sine Saloum estuary, Senegal, West Africa. <i>Journal of Applied Ichthyology</i> , 2021, 37, 802-804.	0.3	0
15	Trophic ecology of the juveniles of two jack species ( <i>Caranx latus</i> and <i>C. hippos</i> ) in contrasted tropical estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 255, 107370.	0.9	3
16	Assessing trophic interactions between pelagic predatory fish by gut content and stable isotopes analysis around Fernando de Noronha Archipelago (Brazil), Equatorial West Atlantic. <i>Journal of Fish Biology</i> , 2021, 99, 1576-1590.	0.7	10
17	Selection of parameters for seagrass management: Towards the development of integrated indicators for French Antilles. <i>Marine Pollution Bulletin</i> , 2021, 170, 112646.	2.3	3
18	Distribution, vertical migration, and trophic ecology of lanternfishes (Myctophidae) in the Southwestern Tropical Atlantic. <i>Progress in Oceanography</i> , 2021, 199, 102695.	1.5	21

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19	Reproductive biology of the lesser African threadfin <i>Galeoides decadactylus</i> in Gabon, Gulf of Guinea. <i>African Journal of Marine Science</i> , 2021, 43, 499-509.	0.4	0
20	Combining ecosystem indicators and life cycle assessment for environmental assessment of demersal trawling in Tunisia. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 105-119.	2.2	14
21	A spatial food web model to investigate potential spillover effects of a fishery closure in an offshore wind farm. <i>Journal of Marine Systems</i> , 2020, 212, 103434.	0.9	25
22	Benefit-risk associated with the consumption of fish bycatch from tropical tuna fisheries. <i>Environmental Pollution</i> , 2020, 267, 115614.	3.7	13
23	Body size and stable isotope composition of zooplankton in the western tropical Atlantic. <i>Journal of Marine Systems</i> , 2020, 212, 103449.	0.9	23
24	Trophic ecology, habitat, and migratory behaviour of the viperfish <i>Chauliodus sloani</i> reveal a key mesopelagic player. <i>Scientific Reports</i> , 2020, 10, 20996.	1.6	30
25	Primary production and depth drive different trophic structure and functioning of fish assemblages in French marine ecosystems. <i>Progress in Oceanography</i> , 2020, 186, 102343.	1.5	37
26	Hatchetfishes (Stomiiformes: Sternoptychidae) biodiversity, trophic ecology, vertical niche partitioning and functional roles in the western Tropical Atlantic. <i>Progress in Oceanography</i> , 2020, 187, 102389.	1.5	44
27	Stable isotope patterns of mesopelagic communities over two shallow seamounts of the south-western Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 176, 104804.	0.6	10
28	An open-source framework to model present and future marine species distributions at local scale. <i>Ecological Informatics</i> , 2020, 59, 101130.	2.3	14
29	“Too Big To Ignore”: A feasibility analysis of detecting fishing events in Gabonese small-scale fisheries. <i>PLoS ONE</i> , 2020, 15, e0234091.	1.1	14
30	Trophic resources and mercury exposure of two silvertip shark populations in the Northeast Pacific Ocean. <i>Chemosphere</i> , 2020, 253, 126645.	4.2	12
31	Climate change in the Bay of Biscay: Changes in spatial biodiversity patterns could be driven by the arrivals of southern species. <i>Marine Ecology - Progress Series</i> , 2020, 647, 17-31.	0.9	13
32	Toward an Ecosystem Approach of Marine Renewable Energy: The Case of the Offshore Wind Farm of Courseulles-sur-Mer in the Bay of Seine. <i>Springer Water</i> , 2020, , 137-148.	0.2	0
33	Feeding habits and population aspects of the spotted goatfish, <i>Pseudupeneus maculatus</i> (Perciformes: Mullidae), on the continental shelf of northeast Brazil. <i>Scientia Marina</i> , 2020, 84, .	0.3	4
34	Measuring sensitivity of two OSPAR indicators for a coastal food web model under offshore wind farm construction. <i>Ecological Indicators</i> , 2019, 96, 728-738.	2.6	34
35	Trophic resource partitioning of two snook fish species (Centropomidae) in tropical estuaries in Brazil as evidenced by stable isotope analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 226, 106287.	0.9	17
36	Trophic ecology of Scopoli's shearwaters during breeding in the Zembra Archipelago (northern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	1

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37	Towards coherent GES assessments at sub-regional level: signs of fisheries expansion processes in the Bay of Biscay using an OSPAR food web indicator, the mean trophic level. <i>ICES Journal of Marine Science</i> , 2019, 76, 1543-1553.	1.2	14
38	An end-to-end model to evaluate the sensitivity of ecosystem indicators to track fishing impacts. <i>Ecological Indicators</i> , 2019, 98, 121-130.	2.6	13
39	Stable isotope analyses revealed the influence of foraging habitat on mercury accumulation in tropical coastal marine fish. <i>Science of the Total Environment</i> , 2019, 650, 2129-2140.	3.9	41
40	Composition of the fish fauna in a tropical estuary: the ecological guild approach. <i>Scientia Marina</i> , 2019, 83, 133.	0.3	24
41	Trophic flow structure of a neotropical estuary in northeastern Brazil and the comparison of ecosystem model indicators of estuaries. <i>Journal of Marine Systems</i> , 2018, 182, 31-45.	0.9	31
42	Environmental life cycle assessment of seafood production: A case study of trawler catches in Tunisia. <i>Science of the Total Environment</i> , 2018, 610-611, 298-307.	3.9	23
43	Environmental assessment of seabass ( <i>Dicentrarchus labrax</i> ) and seabream ( <i>Sparus aurata</i> ) farming from a life cycle perspective: A case study of a Tunisian aquaculture farm. <i>Aquaculture</i> , 2017, 471, 204-212.	1.7	50
44	Assessing the relationships between phylogenetic and functional singularities in sharks (Chondrichthyes). <i>Ecology and Evolution</i> , 2017, 7, 6292-6303.	0.8	17
45	Benthic and fish aggregation inside an offshore wind farm: Which effects on the trophic web functioning?. <i>Ecological Indicators</i> , 2017, 72, 33-46.	2.6	89
46	Ecosystem indicators accounting for variability in species trophic levels. <i>ICES Journal of Marine Science</i> , 2017, 74, 158-169.	1.2	41
47	Exploring the potential effects of marine protected areas on the ecosystem structure of the Gulf of Gabes using the Ecospace model. <i>Aquatic Living Resources</i> , 2016, 29, 202.	0.5	24
48	From species distributions to ecosystem structure and function: A methodological perspective. <i>Ecological Modelling</i> , 2016, 334, 78-90.	1.2	21
49	A spatio-temporal ecosystem model to simulate fishing management plans: A case of study in the Gulf of Gabes (Tunisia). <i>Marine Policy</i> , 2016, 69, 62-72.	1.5	16
50	Modelling food web structure using an end-to-end approach in the coastal ecosystem of the Gulf of Gabes (Tunisia). <i>Ecological Modelling</i> , 2016, 339, 45-57.	1.2	32
51	Trophic ecology influence on metal bioaccumulation in marine fish: Inference from stable isotope and fatty acid analyses. <i>Science of the Total Environment</i> , 2016, 573, 83-95.	3.9	42
52	Forecasting fine-scale changes in the food web structure of coastal marine communities under climate change. <i>Ecography</i> , 2016, 39, 1227-1237.	2.1	30
53	Cumulative human threats on fish biodiversity components in Tunisian waters. <i>Mediterranean Marine Science</i> , 2016, 17, 190.	0.6	4
54	Length-weight relations of 70 fish species from tropical coastal region of Pernambuco, Northeast Brazil. <i>Acta Ichthyologica Et Piscatoria</i> , 2016, 46, 271-277.	0.3	9

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55	Sub-chapter 2.1.4. Climate change and fisheries. , 2016, , 249-261.		1
56	Trophic connectivity between offshore upwelling and the inshore food web of Banc d'Arguin (Mauritania): New insights from isotopic analysis. Estuarine, Coastal and Shelf Science, 2015, 165, 149-158.	0.9	20
57	Fishing impact in Mediterranean ecosystems: an EcoTroph modeling approach. Journal of Marine Systems, 2015, 150, 22-33.	0.9	21
58	FishMed: traits, phylogeny, current and projected species distribution of Mediterranean fishes, and environmental data. Ecology, 2015, 96, 2312-2313.	1.5	30
59	A new modeling approach to define marine ecosystems food-web status with uncertainty assessment. Progress in Oceanography, 2015, 135, 37-47.	1.5	18
60	A biogeographical regionalization of coastal Mediterranean fishes. Journal of Biogeography, 2015, 42, 1336-1348.	1.4	33
61	Spatio-temporal isotopic signatures ( $\delta^{13}C$ and $\delta^{15}N$ ) reveal that two sympatric West African mullet species do not feed on the same basal production sources. Journal of Fish Biology, 2015, 86, 1444-1453.	0.7	18
62	Spatial variations in dietary organic matter sources modulate the size and condition of fish juveniles in temperate lagoon nursery sites. Estuarine, Coastal and Shelf Science, 2015, 152, 78-90.	0.9	26
63	Projected impacts of climate warming on the functional and phylogenetic components of coastal Mediterranean fish biodiversity. Ecography, 2015, 38, 681-689.	2.1	25
64	Modeling of Beta Diversity in Tunisian Waters: Predictions Using Generalized Dissimilarity Modeling and Bioregionalisation Using Fuzzy Clustering. PLoS ONE, 2015, 10, e0131728.	1.1	20
65	Changes in the trophic structure, abundance and species diversity of exploited fish assemblages in the artisanal fisheries of the northern coast, Senegal, West Africa. African Journal of Marine Science, 2014, 36, 361-368.	0.4	6
66	Stable isotope patterns in micronekton from the Mozambique Channel. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 100, 153-163.	0.6	29
67	From projected species distribution to food web structure under climate change. Global Change Biology, 2014, 20, 730-741.	4.2	122
68	Fishing inside or outside? A case studies analysis of potential spillover effect from marine protected areas, using food web models. Journal of Marine Systems, 2014, 139, 383-395.	0.9	34
69	Towards a better understanding of potential impacts of climate change on marine species distribution: a multiscale modelling approach. Global Ecology and Biogeography, 2014, 23, 1417-1429.	2.7	82
70	Projected climate change and the changing biogeography of coastal Mediterranean fishes. Journal of Biogeography, 2013, 40, 534-547.	1.4	104
71	Food web indicators under the Marine Strategy Framework Directive: From complexity to simplicity?. Ecological Indicators, 2013, 29, 246-254.	2.6	99
72	Assessment of trace metal contamination in mangrove ecosystems from Senegal, West Africa. Chemosphere, 2013, 90, 150-157.	4.2	110

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73	Ecosystem status and functioning: searching for rules of thumb using an intersite comparison of food-web models of Northeast Atlantic continental shelves. ICES Journal of Marine Science, 2013, 70, 135-149.	1.2	21
74	An ecosystem model of an exploited southern Mediterranean shelf region (Gulf of Gabes, Tunisia) and a comparison with other Mediterranean ecosystem model properties. Journal of Marine Systems, 2013, 128, 159-174.	0.9	64
75	The Use of a Predictive Habitat Model and a Fuzzy Logic Approach for Marine Management and Planning. PLoS ONE, 2013, 8, e76430.	1.1	56
76	An ecosystem approach for the assessment of fisheries impacts on marine top predators: the Bay of Biscay case study. ICES Journal of Marine Science, 2012, 69, 925-938.	1.2	55
77	Predicting trophic guild and diet overlap from functional traits: statistics, opportunities and limitations for marine ecology. Marine Ecology - Progress Series, 2011, 436, 17-28.	0.9	69
78	Lower trophic levels and detrital biomass control the Bay of Biscay continental shelf food web: Implications for ecosystem management. Progress in Oceanography, 2011, 91, 561-575.	1.5	86
79	Structure and seasonal variability of fish food webs in an estuarine tropical marine protected area (Senegal): Evidence from stable isotope analysis. Estuarine, Coastal and Shelf Science, 2011, 92, 607-617.	0.9	53
80	Are exploited mangrove molluscs exposed to Persistent Organic Pollutant contamination in Senegal, West Africa?. Chemosphere, 2011, 84, 318-327.	4.2	60
81	Estuarine resources use by juvenile Flagfin mojarra ( <i>Eucinostomus melanopterus</i> ) in an inverse tropical estuary (Sine Saloum, Senegal). Estuarine, Coastal and Shelf Science, 2010, 86, 683-691.	0.9	23
82	New tools for the spatial management of living marine resources. Current Opinion in Environmental Sustainability, 2010, 2, 88-93.	3.1	21
83	Dynamics of an estuarine nursery ground: the spatio-temporal relationship between the river flow and the food web of the juvenile common sole ( <i>Solea solea</i> , L.) as revealed by stable isotopes analysis. Journal of Sea Research, 2010, 64, 54-60.	0.6	45
84	Simulation of the combined effects of artisanal and recreational fisheries on a Mediterranean MPA ecosystem using a trophic model. Marine Ecology - Progress Series, 2010, 412, 207-221.	0.9	42
85	Soft bottom macrobenthic communities of North Biscay revisited: Long-term evolution under fisheries-climate forcing. Estuarine, Coastal and Shelf Science, 2008, 78, 413-425.	0.9	50
86	Benthic community and food web structure on the continental shelf of the Bay of Biscay (North) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.9	96
87	Seasonal variability of living benthic foraminifera from the outer continental shelf of the Bay of Biscay. Journal of Sea Research, 2008, 59, 297-319.	0.6	55
88	Congener-specific accumulation and trophic transfer of polychlorinated biphenyls in spider crab food webs revealed by stable isotope analysis. Environmental Pollution, 2008, 151, 252-261.	3.7	35
89	Habitat suitability for juvenile common sole ( <i>Solea solea</i> , L.) in the Bay of Biscay (France): A quantitative description using indicators based on epibenthic fauna. Journal of Sea Research, 2007, 57, 126-136.	0.6	50
90	Relationships between benthic macrofauna and habitat suitability for juvenile common sole ( <i>Solea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Science, 2007, 73, 639-650.	0.9	59

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91	Primary production and spatial distribution of subtidal microphytobenthos in a temperate coastal system, the Bay of Brest, France. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 74, 367-380.	0.9	44
92	Effect of lipid removal on carbon and nitrogen stable isotope ratios in crustacean tissues. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 341, 168-175.	0.7	162
93	Variability of stable isotope signatures ( $\delta^{13}C$ and $\delta^{15}N$ ) in two spider crab populations ( <i>Maja</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 149-157.	0.7	13
94	Small-scale spatial and temporal interactions among benthic crustaceans and one fish species in the Bay of Biscay. <i>Marine Biology</i> , 2007, 151, 2207-2215.	0.7	23
95	Community structure and food web based on stable isotopes ( $\delta^{15}N$ and $\delta^{13}C$ ) analysis of a North Eastern Atlantic maerl bed. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 338, 1-15.	0.7	154
96	Biodeposition by an Invasive Suspension Feeder Impacts the Biogeochemical Cycle of Si in a Coastal Ecosystem (Bay of Brest, France). <i>Biogeochemistry</i> , 2005, 75, 19-41.	1.7	55
97	LIVING BENTHIC FORAMINIFERA FROM "LA GRANDE VASIERE", FRENCH ATLANTIC CONTINENTAL SHELF: FAUNAL COMPOSITION AND MICROHABITATS. <i>Journal of Foraminiferal Research</i> , 2005, 35, 198-218.	0.1	42
98	Stable carbon and nitrogen isotope analysis of <i>Nephrops norvegicus</i> / <i>Merluccius merluccius</i> fishing grounds in the Bay of Biscay (Northeast Atlantic). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 123-132.	0.7	52
99	Fishing effects on diversity, size and community structure of the benthic invertebrate and fish megafauna on the Bay of Biscay coast of France. <i>Marine Ecology - Progress Series</i> , 2004, 280, 249-260.	0.9	81
100	Length-weight relationships of four fish species from Fatale estuary, Guinea, West Africa. <i>Journal of Applied Ichthyology</i> , 0, , .	0.3	0