Olivier Le Pape

List of Publications by Year
in descending order

63	3,131	126907	155660
papers	citations	33 h-index	55 g-index

64	64	64	3515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global marine primary production constrains fisheries catches. Ecology Letters, 2010, 13, 495-505.	6.4	357
2	Anthropogenic disturbance on nursery function of estuarine areas for marine species. Estuarine, Coastal and Shelf Science, 2009, 81, 179-190.	2.1	143
3	Quantitative description of habitat suitability for the juvenile common sole (Solea solea, L.) in the Bay of Biscay (France) and the contribution of different habitats to the adult population. Journal of Sea Research, 2003, 50, 139-149.	1.6	140
4	Eating up the worldâ€™s food web and the human trophic level. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20617-20620.	7.1	110
5	The food limitation hypothesis for juvenile marine fish. Fish and Fisheries, 2015, 16, 373-398.	5.3	108
6	Impact of climate on eel populations of the Northern Hemisphere. Marine Ecology - Progress Series, 2008, 373, 71-80.	1.9	106
7	Development of a fish-based index to assess the ecological quality of transitional waters: The case of French estuaries. Marine Pollution Bulletin, 2010, 60, 908-918.	5.0	97
8	Combining indicator trends to assess ongoing changes in exploited fish communities: diagnostic of communities off the coasts of France. ICES Journal of Marine Science, 2005, 62, 1647-1664.	2.5	93
9	Impacts of high-nitrate freshwater inputs on macrotidal ecosystems. I. Seasonal evolution of nutrient limitation for the diatom-dominated phytoplankton of the Bay of Brest (France). Marine Ecology - Progress Series, 1997, 161, 213-224.	1.9	92
10	Are growth and density quantitative indicators of essential fish habitat quality? An application to the common sole Solea solea nursery grounds. Estuarine, Coastal and Shelf Science, 2006, 69, 96-106.	2.1	87
11	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.	3.2	86
12	Bottom-up control regulates fisheries production at the scale of eco-regions in European seas. Marine Ecology - Progress Series, 2007, 343, 45-55.	1.9	83
13	Resistance of a coastal ecosystem to increasing eutrophic conditions: the Bay of Brest (France), a semi-enclosed zone of Western Europe. Continental Shelf Research, 1996, 16, 1885-1907.	1.8	79
14	Functional diversity in European estuaries: Relating the composition of fish assemblages to the abiotic environment. Estuarine, Coastal and Shelf Science, 2010, 88, 329-338.	2.1	78
15	Fish under influence: A macroecological analysis of relations between fish species richness and environmental gradients among European tidal estuaries. Estuarine, Coastal and Shelf Science, 2010, 86, 137-147.	2.1	77
16	Contribution respective de diffÃƒÂ©rentes nourriceries cÃƒÂ´tiÃƒÂ¨res aux populations adultes de sole et de plie: ÃƒÂ©tude par couplage de modÃƒÂ¨les linÃƒÂ©aires gÃƒÂ©nÃƒÂ©ralisÃƒÂ©s avec un systÃƒÂ¨me dÃ‹Âˆinformation gÃƒÂ©ographique.. Aquatic Living Resources, 2001, 14, 125-135.	1.2	75
17	Quality of coastal and estuarine essential fish habitats: estimations based on the size of juvenile common sole (Solea solea L.). Estuarine, Coastal and Shelf Science, 2003, 58, 793-803.	2.1	75
18	The duration of migration of Atlantic Anguilla larvae. Fish and Fisheries, 2010, 11, 289-306.	5.3	67

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19	Estimates of the mortality and the duration of the transâ€Atlantic migration of European eel Anguilla anguilla leptocephali using a particle tracking model. Journal of Fish Biology, 2009, 74, 1891-1914.	1.6	62
20	Relationships between benthic macrofauna and habitat suitability for juvenile common sole (Solea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Science, 2007, 73, 639-650.	2.1	59
21	Quantitative mapping of fish habitat: A useful tool to design spatialised management measures and marine protected area withÂfishery objectives. Ocean and Coastal Management, 2014, 87, 8-19.	4.4	58
22	How fast can the European eel (Anguilla anguilla) larvae cross the Atlantic Ocean?. Fisheries Oceanography, 2009, 18, 371-385.	1.7	57
23	Integration of fisheries into marine spatial planning: Quo vadis?. Estuarine, Coastal and Shelf Science, 2018, 201, 105-113.	2.1	56
24	Patterns and processes of habitat-specific demographic variability in exploited marine species. ICES Journal of Marine Science, 2014, 71, 638-647.	2.5	55
25	Habitat suitability for juvenile common sole (Solea solea, L.) in the Bay of Biscay (France): A quantitative description using indicators based on epibenthic fauna. Journal of Sea Research, 2007, 57, 126-136.	1.6	50
26	Impact of warming on abundance and occurrence of flatfish populations in the Bay of Biscay (France). Journal of Sea Research, 2010, 64, 45-53.	1.6	49
27	Interactions between a natural food web, shellfish farming and exotic species: The case of the Bay of Mont Saint Michel (France). Estuarine, Coastal and Shelf Science, 2008, 76, 111-120.	2.1	45
28	Cyclone effects on coral reef habitats in New Caledonia (South Pacific). Coral Reefs, 2010, 29, 445-453.	2.2	45
29	Coupling hydrodynamic and individualâ€based models to simulate longâ€term larval supply to coastal nursery areas. Fisheries Oceanography, 2012, 21, 229-242.	1.7	45
30	Hydrodynamic prevention of eutrophication in the Bay of Brest (France), a modelling approach. Journal of Marine Systems, 1997, 12, 171-186.	2.1	41
31	Predicting estuarine use patterns of juvenile fish with Generalized Linear Models. Estuarine, Coastal and Shelf Science, 2013, 120, 64-74.	2.1	38
32	Conflicts in the coastal zone: human impacts on commercially important fish species utilizing coastal habitat. ICES Journal of Marine Science, 2018, 75, 1203-1213.	2.5	37
33	Effect of an invasive mollusc, American slipper limpet Crepidula fornicata, on habitat suitability for juvenile common sole Solea solea in the Bay of Biscay. Marine Ecology - Progress Series, 2004, 277, 107-115.	1.9	36
34	Changes in occurrence and abundance of northern / southern flatfishes over a 20-year period in a coastal nursery area (Bay of Vilaine) and on the eastern continental shelf of the Bay of Biscay. Scientia Marina, 2006, 70, 193-200.	0.6	33
35	Trophic ecology of juvenile flatfish in a coastal nursery ground: contributions of intertidal primary production and freshwater particulate organic matter. Marine Ecology - Progress Series, 2012, 449, 221-232.	1.9	31
36	Adult-mediated connectivity affects inferences on population dynamics and stock assessment of nursery-dependent fish populations. Fisheries Research, 2016, 181, 198-213.	1.7	27

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37	The range of juvenile movements of estuarine and coastal nursery dependent flatfishes: estimation from a meta-analytical approach. Journal of Sea Research, 2016, 107, 43-55.	1.6	26
38	Growth and condition of juvenile sole (Solea solea L.) as indicators of habitat quality in coastal and estuarine nurseries in the Bay of Biscay with a focus on sites exposed to Erika oil spill. Scientia Marina, 2006, 70, 183-192.	0.6	26
39	Fish community responses to green tides in shallow estuarine and coastal areas. Estuarine, Coastal and Shelf Science, 2016, 175, 79-92.	2.1	25
40	Using a spatially structured life cycle model to assess the influence of multiple stressors on an exploited coastal-nursery-dependent population. Estuarine, Coastal and Shelf Science, 2018, 201, 95-104.	2.1	25
41	A quantitative estimate of the function of soft-bottom sheltered coastal areas as essential flatfish nursery habitat. Estuarine, Coastal and Shelf Science, 2013, 133, 193-205.	2.1	22
42	Integrating Marine Protected Areas in fisheries management systems: some criteria for ecological efficiency. Aquatic Living Resources, 2013, 26, 159-170.	1.2	22
43	The influence of vessel size and fishing strategy on the fishing effort for multispecies fisheries in northwestern France. ICES Journal of Marine Science, 2001, 58, 1232-1242.	2.5	20
44	Reduction of flatfish habitat as a consequence of the proliferation of an invasive mollusc. Estuarine, Coastal and Shelf Science, 2011, 92, 154-160.	2.1	18
45	Influence of Green Tides in Coastal Nursery Grounds on the Habitat Selection and Individual Performance of Juvenile Fish. PLoS ONE, 2017, 12, e0170110.	2.5	18
46	Pelagic and benthic trophic chain coupling in a semi-enclosed coastal system, the Bay of Brest (France):a modelling approach. Marine Ecology - Progress Series, 1999, 189, 135-147.	1.9	18
47	Effects of fishing on fish assemblages in a coral reef ecosystem: From functional response to potential indicators. Ecological Indicators, 2014, 43, 227-235.	6.3	17
48	Overfishing causes frequent fish population collapses but rare extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6274.	7.1	16
49	Density-dependence can be revealed by modelling the variance in the stockâ€“recruitment process: an application to flatfish. ICES Journal of Marine Science, 2014, 71, 2127-2140.	2.5	13
50	Novel approach for testing the food limitation hypothesis in estuarine and coastal fish nurseries. Marine Ecology - Progress Series, 2019, 629, 117-131.	1.9	13
51	A fish-based index of estuarine ecological quality incorporating information from both scientific fish survey and experts knowledge. Ecological Indicators, 2013, 32, 147-156.	6.3	12
52	How Does MMEY Mitigate the Bioeconomic Effects of Climate Change for Mixed Fisheries. Ecological Economics, 2018, 154, 317-332.	5.7	11
53	Influence of Hydrocarbons Exposure on Survival, Growth and Condition of Juvenile Flatfish: A Mesocosm Experiment. Journal of Life Sciences, 2012, 4, 113-122.	0.1	10
54	Could we consider a single stock when spatial sub-units present lasting patterns in growth and asynchrony in cohort densities? A flatfish case study. Journal of Sea Research, 2018, 142, 91-100.	1.6	10

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55	Impacts of green tides on estuarine fish assemblages. Estuarine, Coastal and Shelf Science, 2018, 213, 176-184.	2.1	9
56	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
57	The use and performance of survey-based pre-recruit abundance indices for possible inclusion in stock assessments of coastal-dependent species. ICES Journal of Marine Science, 2020, 77, 1953-1965.	2.5	5
58	A holistic investigation of tracers at population and individual scales reveals population structure for the common sole of the Eastern English Channel. Estuarine, Coastal and Shelf Science, 2021, 249, 107096.	2.1	5
59	State-space modeling of multidecadal markâ€“recapture data reveals low adult dispersal in a nursery-dependent fish metapopulation. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 342-354.	1.4	3
60	Reply to Feeley and Machovina: Trophic ecology complements estimates of land use change due to food production. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E795-E795.	7.1	1
61	From Data to End-to-End Models: 15 Years of Research to Describe the Dynamics of Exploited Marine Ecosystems in the Eastern Channel. , 2015, , 169-173.		1
62	Reply to Roopnarine: What is an apex predator?. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E797-E797.	7.1	0
63	Quantitative Mapping of Fish Habitat: From Knowledge to Spatialised Fishery Management. , 2019, , 313-323.		0