Jean-Baptiste Ledoux

List of Publications by Year
in descending order

46	2,098	304743	276875
papers	citations	22 h-index	41 g-index

50	50	50	2810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave. Global Change Biology, 2009, 15, 1090-1103.	9.5	786
2	From global to local genetic structuring in the red gorgonian Paramuricea clavata: the interplay between oceanographic conditions and limited larval dispersal. Molecular Ecology, 2011, 20, 3291-3305.	3.9	110
3	Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	104
4	Fine-scale genetic structure and inferences on population biology in the threatened Mediterranean red coral, Corallium rubrum. Molecular Ecology, 2010, 19, 4204-4216.	3.9	87
5	Genetic survey of shallow populations of the Mediterranean red coral [Corallium rubrum(Linnaeus, 1758)]: new insights into evolutionary processes shaping nuclear diversity and implications for conservation. Molecular Ecology, 2010, 19, 675-690.	3.9	74
6	Adaptive marine conservation planning in the face of climate change: What can we learn from physiological, ecological and genetic studies?. Global Ecology and Conservation, 2019, 17, e00566.	2.1	69
7	Copernicus Marine Service Ocean State Report, Issue 3. Journal of Operational Oceanography, 2019, 12, S1-S123.	1.2	66
8	Influence of diatoms on copepod reproduction. II. Uncorrelated effects of diatom-derived Î±,Î²,Î³-unsaturated aldehydes and polyunsaturated fatty acids on Calanus helgolandicus in the field. Progress in Oceanography, 2008, 77, 30-44.	3.2	48
9	Space invaders; biological invasions in marine conservation planning. Diversity and Distributions, 2016, 22, 1220-1231.	4.1	48
10	Accounting for Lifeâ€History Strategies and Timescales in Marine Restoration. Conservation Letters, 2018, 11, e12341.	5.7	45
11	Phylogeography of the red coral (Corallium rubrum): inferences on the evolutionary history of a temperate gorgonian. Genetica, 2011, 139, 855-869.	1.1	44
12	Climate change transforms the functional identity of Mediterranean coralligenous assemblages. Ecology Letters, 2021, 24, 1038-1051.	6.4	43
13	Combining Genetic and Demographic Data for the Conservation of a Mediterranean Marine Habitat-Forming Species. PLoS ONE, 2015, 10, e0119585.	2.5	38
14	Potential for adaptive evolution at species range margins: contrasting interactions between red coral populations and their environment in a changing ocean. Ecology and Evolution, 2015, 5, 1178-1192.	1.9	36
15	Adaptive abilities of the Mediterranean red coral Corallium rubrum in a heterogeneous and changing environment: from population to functional genetics. Journal of Experimental Marine Biology and Ecology, 2013, 449, 349-357.	1.5	35
16	Influence of diatoms on copepod reproduction. I. Field and laboratory observations related to Calanus helgolandicus egg production. Marine Ecology - Progress Series, 2006, 308, 129-142.	1.9	33
17	The interplay of dispersal limitation, rivers, and historical events shapes the genetic structure of an Amazonian frog. Biological Journal of the Linnean Society, 2012, 106, 356-373.	1.6	29
18	Re-shifting the ecological baseline for the overexploited Mediterranean red coral. Scientific Reports, 2017, 7, 42404.	3.3	26

#	Article	IF	Citations
19	Regional and local environmental conditions do not shape the response to warming of a marine habitat-forming species. Scientific Reports, 2017, 7, 5069.	3.3	26
20	Strong linkages between depth, longevity and demographic stability across marine sessile species. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172688.	2.6	26
21	Fine-scale spatial genetic structure in the brooding sea urchin Abatus cordatus suggests vulnerability of the Southern Ocean marine invertebrates facing global change. Polar Biology, 2012, 35, 611-623.	1.2	25
22	Interplay between isolation by distance and genetic clusters in the red coral Corallium rubrum: insights from simulated and empirical data. Conservation Genetics, 2013, 14, 705-716.	1.5	25
23	Harvesting Effects, Recovery Mechanisms, and Management Strategies for a Long-Lived and Structural Precious Coral. PLoS ONE, 2015, 10, e0117250.	2.5	25
24	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. Frontiers in Marine Science, 2021, 8, .	2.5	25
25	A multispecies approach reveals hot spots and cold spots of diversity and connectivity in invertebrate species with contrasting dispersal modes. Molecular Ecology, 2017, 26, 6563-6577.	3.9	24
26	Needs and Gaps in Optical Underwater Technologies and Methods for the Investigation of Marine Animal Forest 3D-Structural Complexity. Frontiers in Marine Science, 2021, 8, .	2.5	24
27	Structure and biodiversity of coralligenous assemblages dominated by the precious red coral Corallium rubrum over broad spatial scales. Scientific Reports, 2016, 6, 36535.	3.3	23
28	Marine protected areas enhance structural complexity but do not buffer the consequences of ocean warming for an overexploited precious coral. Journal of Applied Ecology, 2019, 56, 1063-1074.	4.0	20
29	Demographic responses to warming: reproductive maturity and sex influence vulnerability in an octocoral. Coral Reefs, 2015, 34, 1207-1216.	2.2	18
30	Postglacial range expansion shaped the spatial genetic structureÂin a marine habitatâ€forming species: Implications for conservation plans in the Eastern Adriatic Sea. Journal of Biogeography, 2018, 45, 2645-2657.	3.0	17
31	Sliding Toward the Collapse of Mediterranean Coastal Marine Rocky Ecosystems. Ecological Studies, 2021, , 291-324.	1.2	16
32	Photogrammetric Surveys and Geometric Processes to Analyse and Monitor Red Coral Colonies. Journal of Marine Science and Engineering, 2018, 6, 42.	2.6	13
33	Population collapse of habitat-forming species in the Mediterranean: a long-term study of gorgonian populations affected by recurrent marine heatwaves. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212384.	2.6	12
34	Assessing the impact of population decline on mating system in the overexploited Mediterranean red coral. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1149-1159.	2.0	11
35	Beyond the beaten path: improving natural products bioprospecting using an eco-evolutionary framework â€“ the case of the octocorals. Critical Reviews in Biotechnology, 2018, 38, 184-198.	9.0	10
36	Molecular forensics in the precious Mediterranean red coral, Corallium rubrum: testing DNA extraction and microsatellite genotyping using dried colonies. Conservation Genetics Resources, 2013, 5, 327-330.	0.8	8

#	Article	IF	Citations
37	Demo-Genetic Approach for the Conservation and Restoration of a Habitat-Forming Octocoral: The Case of Red Coral, Corallium rubrum, in the RÃ©serve Naturelle de Scandola. Frontiers in Marine Science, 2021, 8, .	2.5	7
38	The Genome Sequence of the Octocoral Paramuricea clavata â€“ A Key Resource To Study the Impact of Climate Change in the Mediterranean. G3: Genes, Genomes, Genetics, 2020, 10, 2941-2952.	1.8	6
39	Gradients of genetic diversity and differentiation across the distribution range of a Mediterranean coral: Patterns, processes and conservation implications. Diversity and Distributions, 2021, 27, 2104-2123.	4.1	5
40	Population Genetic Structure of Corallium rubrum in the Mediterranean Sea: Diversity, Phylogeography, and Bathymetric Patterns. , 2016, , 717-728.		3
41	Molecular Forensics into the Sea: How Molecular Markers Can Help to Struggle Against Poaching and Illegal Trade in Precious Corals?. , 2016, , 729-745.		3
42	UNDERWATER PHOTOGRAMMETRY, CODED TARGET AND PLENOPTIC TECHNOLOGY: A SET OF TOOLS FOR MONITORING RED CORAL IN MEDITERRANEAN SEA IN THE FRAMEWORK OF THE â€PERFECTâ€•PROJECT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W3, 275-282.	0.2	2
43	Advances on the phylogenetic placement of the enigmatic octocoral Dendrobrachia Brook 1889 . Zootaxa, 2019, 4674, 117-126.	0.5	1
44	Exploring the genetic diversity and the population structure of the mesophotic Paramuricea macrospina in the Menorca Channel. Estuarine, Coastal and Shelf Science, 2019, 219, 444-452.	2.1	1
45	Omics Advances in the Study of Zooplankton. , 2020, , 264-277.		1
46	Population structure and conservation status of the white gorgonian Eunicella singularis (Esper,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.6	0