

Jean-Baptiste Ledoux

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,098
citations

304743

22
h-index

276875

41
g-index

50
all docs

50
docs citations

50
times ranked

2810
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding Toward the Collapse of Mediterranean Coastal Marine Rocky Ecosystems. <i>Ecological Studies</i> , 2021, , 291-324.	1.2	16
2	Climate change transforms the functional identity of Mediterranean coralligenous assemblages. <i>Ecology Letters</i> , 2021, 24, 1038-1051.	6.4	43
3	Needs and Gaps in Optical Underwater Technologies and Methods for the Investigation of Marine Animal Forest 3D-Structural Complexity. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	24
4	Demo-Genetic Approach for the Conservation and Restoration of a Habitat-Forming Octocoral: The Case of Red Coral, <i>Corallium rubrum</i> , in the R��serve Naturelle de Scandola. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
5	Gradients of genetic diversity and differentiation across the distribution range of a Mediterranean coral: Patterns, processes and conservation implications. <i>Diversity and Distributions</i> , 2021, 27, 2104-2123.	4.1	5
6	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	25
7	Population collapse of habitat-forming species in the Mediterranean: a long-term study of gorgonian populations affected by recurrent marine heatwaves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212384.	2.6	12
8	The Genome Sequence of the Octocoral <i>Paramuricea clavata</i> â�� A Key Resource To Study the Impact of Climate Change in the Mediterranean. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2941-2952.	1.8	6
9	Assessing the impact of population decline on mating system in the overexploited Mediterranean red coral. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1149-1159.	2.0	11
10	Omics Advances in the Study of Zooplankton. , 2020, , 264-277.		1
11	Copernicus Marine Service Ocean State Report, Issue 3. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S123.	1.2	66
12	Advances on the phylogenetic placement of the enigmatic octocoral <i>Dendrobrachia</i> Brook 1889. <i>Zootaxa</i> , 2019, 4674, 117-126.	0.5	1
13	Marine protected areas enhance structural complexity but do not buffer the consequences of ocean warming for an overexploited precious coral. <i>Journal of Applied Ecology</i> , 2019, 56, 1063-1074.	4.0	20
14	Exploring the genetic diversity and the population structure of the mesophotic <i>Paramuricea macrospina</i> in the Menorca Channel. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 444-452.	2.1	1
15	Adaptive marine conservation planning in the face of climate change: What can we learn from physiological, ecological and genetic studies?. <i>Global Ecology and Conservation</i> , 2019, 17, e00566.	2.1	69
16	Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	104
17	Strong linkages between depth, longevity and demographic stability across marine sessile species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172688.	2.6	26
18	Accounting for Lifeâ��History Strategies and Timescales in Marine Restoration. <i>Conservation Letters</i> , 2018, 11, e12341.	5.7	45

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19	Beyond the beaten path: improving natural products bioprospecting using an eco-evolutionary framework – the case of the octocorals. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 184-198.	9.0	10
20	Postglacial range expansion shaped the spatial genetic structure in a marine habitat-forming species: Implications for conservation plans in the Eastern Adriatic Sea. <i>Journal of Biogeography</i> , 2018, 45, 2645-2657.	3.0	17
21	Photogrammetric Surveys and Geometric Processes to Analyse and Monitor Red Coral Colonies. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 42.	2.6	13
22	Re-shifting the ecological baseline for the overexploited Mediterranean red coral. <i>Scientific Reports</i> , 2017, 7, 42404.	3.3	26
23	A multispecies approach reveals hot spots and cold spots of diversity and connectivity in invertebrate species with contrasting dispersal modes. <i>Molecular Ecology</i> , 2017, 26, 6563-6577.	3.9	24
24	Regional and local environmental conditions do not shape the response to warming of a marine habitat-forming species. <i>Scientific Reports</i> , 2017, 7, 5069.	3.3	26
25	Space invaders; biological invasions in marine conservation planning. <i>Diversity and Distributions</i> , 2016, 22, 1220-1231.	4.1	48
26	Structure and biodiversity of coralligenous assemblages dominated by the precious red coral <i>Corallium rubrum</i> over broad spatial scales. <i>Scientific Reports</i> , 2016, 6, 36535.	3.3	23
27	Population Genetic Structure of <i>Corallium rubrum</i> in the Mediterranean Sea: Diversity, Phylogeography, and Bathymetric Patterns. , 2016, , 717-728.		3
28	Molecular Forensics into the Sea: How Molecular Markers Can Help to Struggle Against Poaching and Illegal Trade in Precious Corals?. , 2016, , 729-745.		3
29	Potential for adaptive evolution at species range margins: contrasting interactions between red coral populations and their environment in a changing ocean. <i>Ecology and Evolution</i> , 2015, 5, 1178-1192.	1.9	36
30	Harvesting Effects, Recovery Mechanisms, and Management Strategies for a Long-Lived and Structural Precious Coral. <i>PLoS ONE</i> , 2015, 10, e0117250.	2.5	25
31	Combining Genetic and Demographic Data for the Conservation of a Mediterranean Marine Habitat-Forming Species. <i>PLoS ONE</i> , 2015, 10, e0119585.	2.5	38
32	Demographic responses to warming: reproductive maturity and sex influence vulnerability in an octocoral. <i>Coral Reefs</i> , 2015, 34, 1207-1216.	2.2	18
33	Molecular forensics in the precious Mediterranean red coral, <i>Corallium rubrum</i> : testing DNA extraction and microsatellite genotyping using dried colonies. <i>Conservation Genetics Resources</i> , 2013, 5, 327-330.	0.8	8
34	Adaptive abilities of the Mediterranean red coral <i>Corallium rubrum</i> in a heterogeneous and changing environment: from population to functional genetics. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 449, 349-357.	1.5	35
35	Interplay between isolation by distance and genetic clusters in the red coral <i>Corallium rubrum</i> : insights from simulated and empirical data. <i>Conservation Genetics</i> , 2013, 14, 705-716.	1.5	25
36	The interplay of dispersal limitation, rivers, and historical events shapes the genetic structure of an Amazonian frog. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 356-373.	1.6	29

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37	Fine-scale spatial genetic structure in the brooding sea urchin <i>Abatus cordatus</i> suggests vulnerability of the Southern Ocean marine invertebrates facing global change. <i>Polar Biology</i> , 2012, 35, 611-623.	1.2	25
38	From global to local genetic structuring in the red gorgonian <i>Paramuricea clavata</i> : the interplay between oceanographic conditions and limited larval dispersal. <i>Molecular Ecology</i> , 2011, 20, 3291-3305.	3.9	110
39	Phylogeography of the red coral (<i>Corallium rubrum</i>): inferences on the evolutionary history of a temperate gorgonian. <i>Genetica</i> , 2011, 139, 855-869.	1.1	44
40	Genetic survey of shallow populations of the Mediterranean red coral [<i>Corallium rubrum</i> (Linnaeus, 1758)]: new insights into evolutionary processes shaping nuclear diversity and implications for conservation. <i>Molecular Ecology</i> , 2010, 19, 675-690.	3.9	74
41	Fine-scale genetic structure and inferences on population biology in the threatened Mediterranean red coral, <i>Corallium rubrum</i> . <i>Molecular Ecology</i> , 2010, 19, 4204-4216.	3.9	87
42	Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave. <i>Global Change Biology</i> , 2009, 15, 1090-1103.	9.5	786
43	Influence of diatoms on copepod reproduction. II. Uncorrelated effects of diatom-derived $\hat{I}^{\pm}, \hat{I}^2, \hat{I}^3, \hat{I}^{\pm}$ -unsaturated aldehydes and polyunsaturated fatty acids on <i>Calanus helgolandicus</i> in the field. <i>Progress in Oceanography</i> , 2008, 77, 30-44.	3.2	48
44	Influence of diatoms on copepod reproduction. I. Field and laboratory observations related to <i>Calanus helgolandicus</i> egg production. <i>Marine Ecology - Progress Series</i> , 2006, 308, 129-142.	1.9	33
45	Population structure and conservation status of the white gorgonian <i>Eunicella singularis</i> (Esper.) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	0
46	UNDERWATER PHOTOGRAMMETRY, CODED TARGET AND PLENOPTIC TECHNOLOGY: A SET OF TOOLS FOR MONITORING RED CORAL IN MEDITERRANEAN SEA IN THE FRAMEWORK OF THE "PERFECT" PROJECT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W3, 275-282.	0.2	2