

Jean-Baptiste Ledoux

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1819197/publications.pdf>

Version: 2024-02-01

46
papers

2,098
citations

304368

22
h-index

276539

41
g-index

50
all docs

50
docs citations

50
times ranked

2810
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave. <i>Global Change Biology</i> , 2009, 15, 1090-1103.	4.2	786
2	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.	2.0	110
3	Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	104
4	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.	2.0	87
5	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.	2.0	74
6	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.	1.0	69
7	Copernicus Marine Service Ocean State Report, Issue 3. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S123.	0.6	66
8	Influence of diatoms on copepod reproduction. II. Uncorrelated effects of diatom-derived $\hat{1}\pm, \hat{1}^2, \hat{1}^3$ -unsaturated aldehydes and polyunsaturated fatty acids on <i>Calanus helgolandicus</i> in the field. <i>Progress in Oceanography</i> , 2008, 77, 30-44.	1.5	48
9	Space invaders; biological invasions in marine conservation planning. <i>Diversity and Distributions</i> , 2016, 22, 1220-1231.	1.9	48
10	Accounting for Lifeâ€œHistory Strategies and Timescales in Marine Restoration. <i>Conservation Letters</i> , 2018, 11, e12341.	2.8	45
11	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.	0.5	44
12	Climate change transforms the functional identity of Mediterranean coralligenous assemblages. <i>Ecology Letters</i> , 2021, 24, 1038-1051.	3.0	43
13	Combining Genetic and Demographic Data for the Conservation of a Mediterranean Marine Habitat-Forming Species. <i>PLoS ONE</i> , 2015, 10, e0119585.	1.1	38
14	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.	0.8	36
15	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.	0.7	35
16	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.	0.9	33
17	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.	0.7	29
18	Re-shifting the ecological baseline for the overexploited Mediterranean red coral. <i>Scientific Reports</i> , 2017, 7, 42404.	1.6	26

#	ARTICLE	IF	CITATIONS
19	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.	1.6	26
20	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.	1.2	26
21	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.	0.5	25
22	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.	0.8	25
23	Harvesting Effects, Recovery Mechanisms, and Management Strategies for a Long-Lived and Structural Precious Coral. <i>PLoS ONE</i> , 2015, 10, e0117250.	1.1	25
24	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	25
25	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.	2.0	24
26	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, .	1.2	24
27	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.	1.6	23
28	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.	1.9	20
29	Demographic responses to warming: reproductive maturity and sex influence vulnerability in an octocoral. <i>Coral Reefs</i> , 2015, 34, 1207-1216.	0.9	18
30	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.	1.4	17
31	Sliding Toward the Collapse of Mediterranean Coastal Marine Rocky Ecosystems. <i>Ecological Studies</i> , 2021, , 291-324.	0.4	16
32	Photogrammetric Surveys and Geometric Processes to Analyse and Monitor Red Coral Colonies. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 42.	1.2	13
33	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.	1.2	12
34	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.	0.9	11
35	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.	5.1	10
36	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.	0.4	8

#	ARTICLE	IF	CITATIONS
37	Demo-Genetic Approach for the Conservation and Restoration of a Habitat-Forming Octocoral: The Case of Red Coral, <i>Corallium rubrum</i> , in the Réserve Naturelle de Scandola. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
38	The Genome Sequence of the Octocoral <i>Paramuricea clavata</i> – A Key Resource To Study the Impact of Climate Change in the Mediterranean. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2941-2952.	0.8	6
39	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.	1.9	5
40	Population Genetic Structure of <i>Corallium rubrum</i> 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 “PERFECT”-PROJECT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W3, 275-282.	0.2	2
43	<i>Advances on the phylogenetic placement of the enigmatic octocoral <i>Dendrobrachia</i> Brook 1889</i> . <i>Zootaxa</i> , 2019, 4674, 117-126.	0.2	1
44	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.	0.9	1
45	Omics Advances in the Study of Zooplankton. , 2020, , 264-277.		1
46	Population structure and conservation status of the white gorgonian <i>Eunicella singularis</i> (Esper.) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	0.6	0