

Jean-Pierre FÃ©ral

List of Publications by Year in descending order

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76
papers

2,290
citations

201674

27
h-index

233421

45
g-index

77
all docs

77
docs citations

77
times ranked

2784
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual-based model of population dynamics in a sea urchin of the Kerguelen Plateau (Southern Tj ETQq1 109352.	0.784314	3
2	Recent climate variability around the Kerguelen Islands (Southern Ocean) seen through weather regimes. <i>Journal of Applied Meteorology and Climatology</i> , 2021, .	1.5	5
3	The Marine Vegetation of the Kerguelen Islands: History of Scientific Campaigns, Inventory of the Flora and First Analysis of Its Biogeographical Affinities. <i>Cryptogamie, Algologie</i> , 2021, 42, .	0.9	2
4	Coralligenous assemblages along their geographical distribution: Testing of concepts and implications for management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1578-1594.	2.0	12
5	Lessons from photo analyses of Autonomous Reef Monitoring Structures as tools to detect (bio-)geographical, spatial, and environmental effects. <i>Marine Pollution Bulletin</i> , 2019, 141, 420-429.	5.0	32
6	From seascape ecology to population genomics and back. Spatial and ecological differentiation among cryptic species of the red algae <i>Lithophyllum stictiforme</i> /L. <i>cabiochia</i> , main bioconstructors of coralligenous habitats. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 104-113.	2.7	29
7	Application of the ecosystem service concept at a small-scale: The cases of coralligenous habitats in the North-western Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2019, 138, 160-170.	5.0	21
8	Unexpected absence of island endemics: Long-distance dispersal in higher latitude sub-Antarctic <i>Siphonaria</i> (Gastropoda: Euthyneura) species. <i>Journal of Biogeography</i> , 2018, 45, 874-884.	3.0	34
9	Understanding processes at the origin of species flocks with a focus on the marine Antarctic fauna. <i>Biological Reviews</i> , 2018, 93, 481-504.	10.4	21
10	Benthic species of the Kerguelen Plateau show contrasting distribution shifts in response to environmental changes. <i>Ecology and Evolution</i> , 2018, 8, 6210-6225.	1.9	28
11	A comparative analysis of metabarcoding and morphology-based identification of benthic communities across different regional seas. <i>Ecology and Evolution</i> , 2018, 8, 8908-8920.	1.9	57
12	Genetic structure and demographic inference of the regular sea urchin <i>Sterechinus neumayeri</i> (Meissner, 1900) in the Southern Ocean: The role of the last glaciation. <i>PLoS ONE</i> , 2018, 13, e0197611.	2.5	19
13	An integrated method to evaluate and monitor the conservation state of coralligenous habitats: The INDEX-COR approach. <i>Marine Pollution Bulletin</i> , 2017, 120, 222-231.	5.0	30
14	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
15	Mating system and evidence of multiple paternity in the Antarctic brooding sea urchin <i>Abatus agassizii</i> . <i>Polar Biology</i> , 2017, 40, 787-797.	1.2	6
16	Analysis on the Graph Techniques for Data-mining and Visualization of Heterogeneous Biodiversity Data Sets. , 2017, .		2
17	Visualisation de données sous forme de graphes en archéologie. Rencontre opérationnelle des archéologues de l'ArkeoGIS et des Archéologues de l'IndexMed. <i>Archéologies Numériques</i> , 2017, 17, .	0.3	0
18	Implementing and Innovating Marine Monitoring Approaches for Assessing Marine Environmental Status. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	163

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19	Patterns of genetic diversity and structure in Antarctic and sub-Antarctic <i>Nacella</i> (Patellogastropoda: Nacellidae) species. <i>Biodiversity</i> , 2016, 17, 46-55.	1.1	6
20	Morphological and genetic analyses reveal a cryptic species complex in the echinoid <i>Echinocardium cordatum</i> and rule out a stabilizing selection explanation. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 207-220.	2.7	33
21	PROTEKER: implementation of a submarine observatory at the Kerguelen Islands (Southern Ocean). <i>Underwater Technology</i> , 2016, 34, 3-10.	0.3	11
22	CIGESMED for divers: Establishing a citizen science initiative for the mapping and monitoring of coralligenous assemblages in the Mediterranean Sea. <i>Biodiversity Data Journal</i> , 2016, 4, e8692.	0.8	12
23	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
24	Does natural selection explain the fine scale genetic structure at the nuclear exon <i>Glu5a2</i> in blue mussels from Kerguelen?. <i>Ecology and Evolution</i> , 2015, 5, 1456-1473.	1.9	10
25	A First Prototype for Indexing, Visualizing and Mining Heterogeneous Data in Mediterranean Ecology: Within the IndexMed Consortium Interdisciplinary Framework. , 2015, , .		2
26	The phylogenetic position and taxonomic status of <i>Sterechinus bernasconiae</i> Larrain, 1975 (Echinodermata, Echinoidea), an enigmatic Chilean sea urchin. <i>Polar Biology</i> , 2015, 38, 1223-1237.	1.2	4
27	Contrasting population genetic structures in <i>Amphipholis squamata</i> , a complex of brooding, self-reproducing sister species sharing life history traits. <i>Marine Ecology - Progress Series</i> , 2015, 539, 165-177.	1.9	15
28	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
29	PCR survey of 50 introns in animals: Cross-amplification of homologous EPIC loci in eight non-bilaterian, protostome and deuterostome phyla. <i>Marine Genomics</i> , 2013, 12, 1-8.	1.1	10
30	Food web indicators under the Marine Strategy Framework Directive: From complexity to simplicity?. <i>Ecological Indicators</i> , 2013, 29, 246-254.	6.3	99
31	Planktonic larvae do not ensure gene flow in the edible sea urchin <i>Paracentrotus lividus</i> . <i>Marine Ecology - Progress Series</i> , 2013, 480, 155-170.	1.9	33
32	Role of evolutionary and ecological factors in the reproductive success and the spatial genetic structure of the temperate gorgonian <i>Paramuricea clavata</i> . <i>Ecology and Evolution</i> , 2013, 3, 1765-1779.	1.9	29
33	Is the Species Flock Concept Operational? The Antarctic Shelf Case. <i>PLoS ONE</i> , 2013, 8, e68787.	2.5	51
34	Comparative phylogeography of two sister (congeneric) species of cardiid bivalve: Strong influence of habitat, life history and post-glacial history. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 107, 150-158.	2.1	19
35	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
36	DNA barcoding and molecular systematics of the benthic and demersal organisms of the CEAMARC survey. <i>Polar Science</i> , 2011, 5, 298-312.	1.2	25

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37	Differential reproductive timing in <i>Echinocardium</i> spp.: The first Mediterranean survey allows interoceanic and interspecific comparisons. <i>Comptes Rendus - Biologies</i> , 2011, 334, 13-23.	0.2	9
38	Evolutionary pathways among shallow and deep-sea echinoids of the genus <i>Sterechinus</i> in the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 205-211.	1.4	66
39	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
40	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
41	The scientific diving challenge in Europe. <i>Underwater Technology</i> , 2010, 29, 105-106.	0.3	1
42	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
43	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
44	Complex genetic population structure of the bivalve <i>Cerastoderma glaucum</i> in a highly fragmented lagoon habitat. <i>Marine Ecology - Progress Series</i> , 2010, 406, 173-184.	1.9	36
45	Comparative studies on the morphometry and physiology of European populations of the lagoon specialist <i>Cerastoderma glaucum</i> (Bivalvia). <i>Oceanologia</i> , 2009, 51, 437-458.	2.2	16
46	Species of the complex <i>Amphipholis squamata</i> (Ophiuroidea) from Marseilles. , 2009, , 135-138.		0
47	Comparing substitution rates in spatangoid sea urchins with putatively different effective sizes, and other echinoderm datasets. , 2009, , 159-161.		0
48	Does Hybridization Increase Evolutionary Rate? Data from the 28S-rDNA D8 Domain in Echinoderms. <i>Journal of Molecular Evolution</i> , 2008, 67, 539-550.	1.8	11
49	Pleistocene separation of mitochondrial lineages of <i>Mytilus</i> spp. mussels from Northern and Southern Hemispheres and strong genetic differentiation among southern populations. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 84-91.	2.7	105
50	Defining reproductively isolated units in a cryptic and syntopic species complex using mitochondrial and nuclear markers: the brooding brittle star, <i>Amphipholis squamata</i> (Ophiuroidea). <i>Molecular Ecology</i> , 2008, 17, 1732-1744.	3.9	66
51	Assessment of three mitochondrial loci variability for the crown-of-thorns starfish: A first insight into <i>Acanthaster</i> phylogeography. <i>Comptes Rendus - Biologies</i> , 2008, 331, 137-143.	0.2	15
52	Extreme selfing rates in the cosmopolitan brittle star species complex <i>Amphipholis squamata</i> : data from progeny-array and heterozygote deficiency. <i>Marine Ecology - Progress Series</i> , 2008, 361, 151-159.	1.9	24
53	Paternity analysis in the Antarctic brooding sea urchin <i>Abatus nimrodi</i> . A pilot study. <i>Polar Biology</i> , 2004, 27, 177-182.	1.2	10
54	Identification of allopatric clades in the cosmopolitan ophiuroid species complex <i>Amphipholis squamata</i> (Echinodermata). The end of a paradox?. <i>Marine Ecology - Progress Series</i> , 2004, 278, 171-178.	1.9	22

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55	Molecular and morphological evidence of Alvinellidae relationships (Terebelliformia, Polychaeta,) Tj ETQq1 1 0.784314 rgBT /Overlock 1.7 37		
56	Evolutionary versus ecological success in Antarctic benthic invertebrates. Trends in Ecology and Evolution, 2002, 17, 218-222.	8.7	113
57	How useful are the genetic markers in attempts to understand and manage marine biodiversity?. Journal of Experimental Marine Biology and Ecology, 2002, 268, 121-145.	1.5	133
58	Combined ecological factors permit classification of developmental patterns in benthic marine invertebrates: a discussion note. Journal of Experimental Marine Biology and Ecology, 2001, 257, 109-115.	1.5	40
59	IS THERE A LINK BETWEEN MORPHOLOGICAL, PHYSIOLOGICAL AND GENETIC VARIABILITY OF THE OPHIUROID AMPHIPHOLIS SQUAMATA?. Animal Biology, 2000, 50, 355-363.	0.4	2
60	A Presumptive Developmental Role for a Sea Urchin Cyclin B Splice Variant. Journal of Cell Biology, 1998, 140, 283-293.	5.2	30
61	Why are There so Many Species of Brooding Antarctic Echinoids?. Evolution; International Journal of Organic Evolution, 1996, 50, 820.	2.3	42
62	Completely Direct Development of Abatus cordatus, a Brooding Schizasterid (Echinodermata:) Tj ETQq0 0 0 rgBT /Overlock 1.8 39 Gastrulation. Biological Bulletin, 1996, 190, 24-44.		
63	WHY ARE THERE SO MANY SPECIES OF BROODING ANTARCTIC ECHINOIDS?. Evolution; International Journal of Organic Evolution, 1996, 50, 820-830.	2.3	40
64	Pattern of spatial distribution of a brood-protecting schizasterid echinoid, Abatus cordatus, endemic to the Kerguelen Islands. Marine Ecology - Progress Series, 1995, 118, 179-186.	1.9	29
65	The brooding cycle of Abatus cordatus (Echinodermata: Spatangoida) at Kerguelen Islands. Polar Biology, 1991, 11, 283.	1.2	15
66	Macrobenthic physiological responses to environmental fluctuations: the reproductive cycle and enzymatic polymorphism of a eurybathic sea-urchin on the northwestern Mediterranean continental shelf and slope. Continental Shelf Research, 1990, 10, 1147-1155.	1.8	16
67	Activity of the principal digestive enzymes in the detritivorous apodous holothuroid Leptosynapta galliennei and two other shallow-water holothuroids. Marine Biology, 1989, 101, 367-379.	1.5	25
68	Wound healing after arm amputation in Sepia officinalis (Cephalopoda: Sepioidea). Journal of Invertebrate Pathology, 1988, 52, 380-388.	3.2	36
69	The effect of somatic and gonadal size on the rate of oxygen consumption in the subantarctic echinoid Abatus cordatus (Echinodermata) from kerguelen. Comparative Biochemistry and Physiology A, Comparative Physiology, 1988, 90, 429-434.	0.6	5
70	Effect of short-term starvation on the biochemical composition of the apodous holothurian Leptosynapta galliennei (Echinodermata): possible role of dissolved organic material as an energy source. Marine Biology, 1985, 86, 297-306.	1.5	17
71	Level, content and energetic equivalent of the main biochemical constituents of the subantarctic molpadid holothurian Eumolpadia violacea (echinodermata) at two seasons of the year. Comparative Biochemistry and Physiology A, Comparative Physiology, 1985, 81, 415-422.	0.6	10
72	Hydrocarbon weathering in seashore invertebrates and sediments over a two-year period following the Amoco cadiz oil spill: Influence of microbial metabolism. Environmental Pollution Series A, Ecological and Biological, 1981, 26, 93-110.	0.7	13

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73	Effects of some cyclic nucleotides on the wound healing and the regeneration of the sea-anemones, <i>Cereus peddunculatus</i> penn. and (<i>Metridium senile</i>) L.. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1978, 61, 341-346.	0.2	2
74	Effects of biogenic amines on the regeneration of small pieces of the pedal disc of the sea anemone <i>Metridium senile</i> (linnaeus). <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1977, 57, 91-93.	0.2	9
75	A Mechanism of Action of Neurotransmitters on the Regeneration of the Planarian Worm <i>Dugesia tigrina</i> . Role of Acetylcholine as a Negative Feed-back. <i>Acta Zoologica</i> , 1976, 57, 1-5.	0.8	18
76	IndexMEED cases studies using "Omics" data with graph theory. <i>Biodiversity Information Science and Standards</i> , 0, 1, e20740.	0.0	0