

Jean-Pierre FÃ©ral

List of Publications by Year in descending order

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76
papers

2,290
citations

201674

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233421

45
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all docs

77
docs citations

77
times ranked

2784
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Implementing and Innovating Marine Monitoring Approaches for Assessing Marine Environmental Status. <i>Frontiers in Marine Science</i> , 2016, 3, . | 2.5 | 163 |
| 2 | How useful are the genetic markers in attempts to understand and manage marine biodiversity?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 268, 121-145. | 1.5 | 133 |
| 3 | Evolutionary versus ecological success in Antarctic benthic invertebrates. <i>Trends in Ecology and Evolution</i> , 2002, 17, 218-222. | 8.7 | 113 |
| 4 | 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 |
| 5 | 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 |
| 6 | Food web indicators under the Marine Strategy Framework Directive: From complexity to simplicity?. <i>Ecological Indicators</i> , 2013, 29, 246-254. | 6.3 | 99 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 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 | Is the Species Flock Concept Operational? The Antarctic Shelf Case. <i>PLoS ONE</i> , 2013, 8, e68787. | 2.5 | 51 |
| 13 | 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 |
| 14 | Why are There so Many Species of Brooding Antarctic Echinoids?. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 820. | 2.3 | 42 |
| 15 | WHY ARE THERE SO MANY SPECIES OF BROODING ANTARCTIC ECHINOIDS?. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 820-830. | 2.3 | 40 |
| 16 | Combined ecological factors permit classification of developmental patterns in benthic marine invertebrates: a discussion note. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 257, 109-115. | 1.5 | 40 |
| 17 | Completely Direct Development of <i>Abatus cordatus</i> , a Brooding Schizasterid (Echinodermata): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Gastrulation. <i>Biological Bulletin</i> , 1996, 190, 24-44. | 1.8 | 39 |
| 18 | Molecular and morphological evidence of Alvinellidae relationships (Terebelliformia, Polychaeta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6. | 1.7 | 37 |

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|----|--|-----|-----------|
| 19 | Wound healing after arm amputation in <i>Sepia officinalis</i> (Cephalopoda: Sepioidea). <i>Journal of Invertebrate Pathology</i> , 1988, 52, 380-388. | 3.2 | 36 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | A Presumptive Developmental Role for a Sea Urchin Cyclin B Splice Variant. <i>Journal of Cell Biology</i> , 1998, 140, 283-293. | 5.2 | 30 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Pattern of spatial distribution of a brood-protecting schizasterid echinoid, <i>Abatus cordatus</i> , endemic to the Kerguelen Islands. <i>Marine Ecology - Progress Series</i> , 1995, 118, 179-186. | 1.9 | 29 |
| 31 | 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 |
| 32 | 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 |
| 33 | Activity of the principal digestive enzymes in the detritivorous apodous holothuroid <i>Leptosynapta galliennei</i> and two other shallow-water holothuroids. <i>Marine Biology</i> , 1989, 101, 367-379. | 1.5 | 25 |
| 34 | 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 |
| 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 | 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 |

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|----|--|------|-----------|
| 37 | 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 |
| 38 | Understanding processes at the origin of species flocks with a focus on the marine <sc>A</sc>antarctic fauna. <i>Biological Reviews</i> , 2018, 93, 481-504. | 10.4 | 21 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Effect of short-term starvation on the biochemical composition of the apodous holothurian <i>Leptosynapta galliennei</i> (Echinodermata): possible role of dissolved organic material as an energy source. <i>Marine Biology</i> , 1985, 86, 297-306. | 1.5 | 17 |
| 44 | 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. <i>Continental Shelf Research</i> , 1990, 10, 1147-1155. | 1.8 | 16 |
| 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 | The brooding cycle of <i>Abatus cordatus</i> (Echinodermata: Spatangoida) at Kerguelen Islands. <i>Polar Biology</i> , 1991, 11, 283. | 1.2 | 15 |
| 47 | 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 |
| 48 | 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 |
| 49 | Hydrocarbon weathering in seashore invertebrates and sediments over a two-year period following the Amoco cadiz oil spill: Influence of microbial metabolism. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1981, 26, 93-110. | 0.7 | 13 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | PROTEKER: implementation of a submarine observatory at the Kerguelen Islands (Southern Ocean). <i>Underwater Technology</i> , 2016, 34, 3-10. | 0.3 | 11 |
| 54 | Level, content and energetic equivalent of the main biochemical constituents of the subantarctic molpadid holothurian <i>Eumolpadia violacea</i> (echinodermata) at two seasons of the year. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 81, 415-422. | 0.6 | 10 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Does natural selection explain the fine scale genetic structure at the nuclear exon <i>Gluâ€²</i> in blue mussels from Kerguelen?. <i>Ecology and Evolution</i> , 2015, 5, 1456-1473. | 1.9 | 10 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | The effect of somatic and gonadal size on the rate of oxygen consumption in the subantarctic echinoid <i>Abatus cordatus</i> (Echinodermata) from Kerguelen. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1988, 90, 429-434. | 0.6 | 5 |
| 64 | 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 |
| 65 | 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 |
| 66 | Individual-based model of population dynamics in a sea urchin of the Kerguelen Plateau (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 109352. | 2.5 | 3 |
| 67 | Effects of some cyclic nucleotides on the wound healing and the regeneration of the sea-anemones, <i>Cereus pedunculatus</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 |
| 68 | A First Prototype for Indexing, Visualizing and Mining Heterogeneous Data in Mediterranean Ecology: Within the IndexMed Consortium Interdisciplinary Framework. , 2015, , . | | 2 |
| 69 | 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 |
| 70 | IS THERE A LINK BETWEEN MORPHOLOGICAL, PHYSIOLOGICAL AND GENETIC VARIABILITY OF THE OPHIUROID AMPHIPHOLIS SQUAMATA?. <i>Animal Biology</i> , 2000, 50, 355-363. | 0.4 | 2 |
| 71 | Analysis on the Graph Techniques for Data-mining and Visualization of Heterogeneous Biodiversity Data Sets. , 2017, , . | | 2 |
| 72 | The scientific diving challenge in Europe. <i>Underwater Technology</i> , 2010, 29, 105-106. | 0.3 | 1 |

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|----|--|-----|-----------|
| 73 | Species of the complex <i>Amphipholis squamata</i> (Ophiuroidea) from Marseilles. , 2009, , 135-138. | | 0 |
| 74 | Comparing substitution rates in spatangoid sea urchins with putatively different effective sizes, and other echinoderm datasets. , 2009, , 159-161. | | 0 |
| 75 | IndexMEED cases studies using "Omics" data with graph theory. Biodiversity Information Science and Standards, 0, 1, e20740. | 0.0 | 0 |
| 76 | Visualisation de données sous forme de graphes en archéologie. Rencontre opérationnelle des archéologues d'ArkeoGIS et des Archéologues d'IndexMed. Archéologies Numériques, 2017, 17, . | 0.3 | 0 |