

Santiago Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,296
citations

567247

15
h-index

526264

27
g-index

36
all docs

36
docs citations

36
times ranked

2204
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Impacts of the Deep-Water Oil and Gas Industry: A Review to Guide Management Strategies. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	236
2	Going where traditional markers have not gone before: utility of and promise for <i>scn</i> RAD <i>scn</i> sequencing in marine invertebrate phylogeography and population genomics. <i>Molecular Ecology</i> , 2013, 22, 2953-2970.	3.9	184
3	RAD sequencing enables unprecedented phylogenetic resolution and objective species delimitation in recalcitrant divergent taxa. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 70-79.	2.7	125
4	Universal target-enrichment baits for anthozoan (Cnidaria) phylogenomics: New approaches to long-standing problems. <i>Molecular Ecology Resources</i> , 2018, 18, 281-295.	4.8	114
5	Evolutionary and biogeographical patterns of barnacles from deep-sea hydrothermal vents. <i>Molecular Ecology</i> , 2015, 24, 673-689.	3.9	92
6	Exploring the Ecology of Deep-Sea Hydrothermal Vents in a Metacommunity Framework. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	79
7	Spatial and temporal patterns of genetic variation in the widespread antitropical deep-sea coral <i>scn</i> <i>Paragorgia arborea</i> <i>scn</i> . <i>Molecular Ecology</i> , 2012, 21, 6053-6067.	3.9	66
8	Molecular systematics of the bubblegum coral genera (Paragorgiidae, Octocorallia) and description of a new deep-sea species. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 123-135.	2.7	65
9	Epigenetic modifications and glucocorticoid sensitivity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS). <i>BMC Medical Genomics</i> , 2017, 10, 11.	1.5	50
10	Predicting RAD-seq Marker Numbers across the Eukaryotic Tree of Life. <i>Genome Biology and Evolution</i> , 2015, 7, 3207-3225.	2.5	36
11	Genome-epigenome interactions associated with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Epigenetics</i> , 2018, 13, 1174-1190.	2.7	28
12	Gene expression profiling reveals deep-sea coral response to the Deepwater Horizon oil spill. <i>Molecular Ecology</i> , 2018, 27, 4066-4077.	3.9	24
13	Population genomics of rapidly invading lionfish in the Caribbean reveals signals of range expansion in the absence of spatial population structure. <i>Ecology and Evolution</i> , 2019, 9, 3306-3320.	1.9	24
14	Consensus Guidelines for Advancing Coral Holobiont Genome and Specimen Voucher Deposition. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	23
15	White plague-like coral disease in remote reefs of the Western Caribbean. <i>Revista De Biología Tropical</i> , 2015, 58, 145.	0.4	23
16	Regulation of ion transport and energy metabolism enables certain coral genotypes to maintain calcification under experimental ocean acidification. <i>Molecular Ecology</i> , 2020, 29, 1657-1673.	3.9	22
17	Integrating physical circulation models and genetic approaches to investigate population connectivity in deep-sea corals. <i>Journal of Marine Systems</i> , 2019, 198, 103189.	2.1	20
18	Temperature Controls eDNA Persistence across Physicochemical Conditions in Seawater. <i>Environmental Science & Technology</i> , 2022, 56, 8629-8639.	10.0	19

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19	Deep-sea video technology tracks a monoplacophoran to the end of its trail (Mollusca, Tryblidia). <i>Marine Biodiversity</i> , 2019, 49, 825-832.	1.0	10
20	Transcriptomic Responses of Deep-Sea Corals Experimentally Exposed to Crude Oil and Dispersant. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	9
21	â€œMissing linksâ€ for the long-lived Macdonald and Arago hotspots, South Pacific Ocean. <i>Geology</i> , 2021, 49, 541-544.	4.4	9
22	Phylogeography of Paramuricea: The Role of Depth and Water Mass in the Evolution and Distribution of Deep-Sea Corals. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	9
23	Kilometer-Scale Larval Dispersal Processes Predict Metapopulation Connectivity Pathways for Paramuricea biscaya in the Northern Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	6
24	Fauna associated with cold seeps in the deep Colombian Caribbean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 173, 103552.	1.4	5
25	First visual occurrence data for deep-sea cnidarians in the South-western Colombian Caribbean. <i>Biodiversity Data Journal</i> , 2019, 7, e33091.	0.8	3
26	Seascape Genomics Reveals Metapopulation Connectivity Network of Paramuricea biscaya in the Northern Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
27	Genetic Divergence and Polyphyly in the Octocoral Genus Swiftia [Cnidaria: Octocorallia], Including a Species Impacted by the DWH Oil Spill. <i>Diversity</i> , 2021, 13, 172.	1.7	2
28	Editorial: SeaFlower Biosphere Reserve: New Findings and Trends in the Largest Caribbean Marine Protected Area. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	1