Helene Magalon

List of Publications by Year
in descending order

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51 papers	977 citations	471509 17 h-index	501196 28 g-index
54 all docs	54 docs citations	54 times ranked	1323 citing authors

#	Article	IF	Citations
1	Patterns of genetic structure among Hawaiian corals of the genus Pocillopora yield clusters of individuals that are compatible with morphology. Comptes Rendus - Biologies, 2008, 331, 239-247.	0.2	100
2	Reevaluating species number, distribution and endemism of the coral genus Pocillopora Lamarck, 1816 using species delimitation methods and microsatellites. Molecular Phylogenetics and Evolution, 2017, 109, 430-446.	2.7	69
3	Population genetic diversity of the NAT2 gene supports a role of acetylation in human adaptation to farming in Central Asia. European Journal of Human Genetics, 2008, 16, 243-251.	2.8	66
4	Identification of ciguatoxins in a shark involved in a fatal food poisoning in the Indian Ocean. Scientific Reports, 2017, 7, 8240.	3.3	59
5	Superclone Expansion, Long-Distance Clonal Dispersal and Local Genetic Structuring in the Coral Pocillopora damicornis Type Î² in Reunion Island, South Western Indian Ocean. PLoS ONE, 2017, 12, e0169692.	2.5	43
6	Development of coral and zooxanthella-specific microsatellites in three species of Pocillopora (Cnidaria, Scleractinia) from French Polynesia. Molecular Ecology Notes, 2004, 4, 206-208.	1.7	42
7	HOST GROWTH CONDITIONS INFLUENCE EXPERIMENTAL EVOLUTION OF LIFE HISTORY AND VIRULENCE OF A PARASITE WITH VERTICAL AND HORIZONTAL TRANSMISSION. Evolution; International Journal of Organic Evolution, 2010, 64, 2126-38.	2.3	38
8	Molecular species delimitation methods and population genetics data reveal extensive lineage diversity and cryptic species in Aglaopheniidae (Hydrozoa). Molecular Phylogenetics and Evolution, 2016, 105, 36-49.	2.7	37
9	Biodiversity of Pigmented Fungi Isolated from Marine Environment in La RÃ©union Island, Indian Ocean: New Resources for Colored Metabolites. Journal of Fungi (Basel, Switzerland), 2017, 3, 36.	3.5	32
10	Production of pigments from the tropical marine-derived fungi Talaromyces albobiverticillius : New resources for natural red-colored metabolites. Journal of Food Composition and Analysis, 2018, 70, 35-48.	3.9	30
11	From population connectivity to the art of striping Russian dolls: the lessons from Pocillopora corals. Ecology and Evolution, 2018, 8, 1411-1426.	1.9	23
12	Population differentiation or species formation across the Indian and the Pacific Oceans? An example from the brooding marine hydrozoan Macrorhynchia phoenicea. Ecology and Evolution, 2017, 7, 8170-8186.	1.9	22
13	High genetic differentiation and low connectivity in the coral Pocillopora damicornis type Î² at different spatial scales in the Southwestern Indian Ocean and the Tropical Southwestern Pacific. Marine Biology, 2018, 165, 1.	1.5	22
14	Genetic population structure and demography of an apex predator, the tiger shark Galeocerdo cuvier. Ecology and Evolution, 2019, 9, 5551-5571.	1.9	22
15	Phylogeographical patterns and a cryptic species provide new insights into Western Indian Ocean giant clams phylogenetic relationships and colonization history. Journal of Biogeography, 2020, 47, 1086-1105.	3.0	22
16	Reproductive biology, multiple paternity and polyandry of the bull shark Carcharhinus leucas. Journal of Fish Biology, 2019, 95, 1195-1206.	1.6	21
17	Shark and ray diversity, abundance and temporal variation around an Indian Ocean Island, inferred by eDNA metabarcoding. Conservation Science and Practice, 2021, 3, e407.	2.0	19
18	Population structure, connectivity, and demographic history of an apex marine predator, the bull shark Carcharhinus leucas. Ecology and Evolution, 2019, 9, 12980-13000.	1.9	18

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19	To Be or Not to Be Solitary: Phytophthora infestans' Dilemma for Optimizing its Reproductive Fitness in Multiple Infections. PLoS ONE, 2012, 7, e37838.	2.5	17
20	Evolutionary Dynamics in the Southwest Indian Ocean Marine Biodiversity Hotspot: A Perspective from the Rocky Shore Gastropod Genus Nerita. PLoS ONE, 2014, 9, e95040.	2.5	17
21	High genetic diversity but no geographical structure of Aedes albopictus populations in RÃ©union Island. Parasites and Vectors, 2019, 12, 597.	2.5	16
22	First evidence of multiple paternity in the bull shark (Carcharhinus leucas). Marine and Freshwater Research, 2017, 68, 195.	1.3	15
23	Fish community structure in relation to environmental variation in coastal volcanic habitats. Journal of Experimental Marine Biology and Ecology, 2014, 460, 62-71.	1.5	14
24	Seascape genomics reveals candidate molecular targets of heat stress adaptation in three coral species. Molecular Ecology, 2021, 30, 1892-1906.	3.9	14
25	Isolation and characterization of 20 microsatellite markers from Carcharhinus leucas (bull shark) and cross-amplification in Galeocerdo cuvier (tiger shark), Carcharhinus obscurus (dusky shark) and Carcharhinus plumbeus (sandbar shark). Conservation Genetics Resources, 2015, 7, 121-124.	0.8	13
26	Together stronger: Intracolonial genetic variability occurrence in Pocillopora corals suggests potential benefits. Ecology and Evolution, 2020, 10, 5208-5218.	1.9	13
27	Temporal variability of larval drift of tropical amphidromous gobies along a watershed in RÃ©union Island. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 948-957.	1.4	12
28	Artificial daily fluctuations of river discharge affect the larval drift and survival of a tropical amphidromous goby. Ecology of Freshwater Fish, 2018, 27, 646-659.	1.4	12
29	High connectivity within restricted distribution range in Pocillopora corals. Journal of Biogeography, 2021, 48, 1679-1692.	3.0	12
30	Longâ€distance gene flow outweighs a century of local selection and prevents local adaptation in the Irish famine pathogen P hytophthora infestans. Evolutionary Applications, 2014, 7, 442-452.	3.1	11
31	Isolation and characterization of eight microsatellite loci fromGaleocerdo cuvier(tiger shark) and cross-amplification inCarcharhinus leucas, Carcharhinus brevipinna,Carcharhinus plumbeusandSphyrna lewini. PeerJ, 2016, 4, e2041.	2.0	11
32	Cryptic species and genetic connectivity among populations of the coral Pocillopora damicornis (Scleractinia) in the tropical southwestern Pacific. Marine Biology, 2020, 167, 1.	1.5	11
33	Phylogenetic relationships within Aglaopheniidae (Cnidaria, Hydrozoa) reveal unexpected generic diversity. Zoologica Scripta, 2016, 45, 103-114.	1.7	10
34	Gene expression plasticity and frontloading promote thermotolerance in Pocillopora corals. , 0, 2, .		9
35	Geographic distances and ocean currents influence Caribbean Acropora palmata population connectivity in the Lesser Antilles. Conservation Genetics, 2019, 20, 447-466.	1.5	8
36	First study of asexual planulae in the coral Pocillopora damicornis typeÂÎ² SSH05c from the southwestern Indian Ocean. Coral Reefs, 2019, 38, 499-503.	2.2	7

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37	Phylogeography of Noahâ€™s giant clam. Marine Biodiversity, 2019, 49, 521-526.	1.0	7
38	Genetic structuring among colonies of a pantropical seabird: Implication for subspecies validation and conservation. Ecology and Evolution, 2020, 10, 11886-11905.	1.9	7
39	New insights into the reproductive biology of the tiger shark Galeocerdo cuvier and no detection of polyandry in Reunion Island, western Indian Ocean. Marine and Freshwater Research, 2020, 71, 1301.	1.3	7
40	Using Modern Conservation Tools for Innovative Management of Coral Reefs: The MANACO Consortium. Frontiers in Marine Science, 2020, 7, .	2.5	6
41	In the intimacy of the darkness: Genetic polyandry in deepâ€sea luminescent lanternsharks <scp>Etmopterus spinax</scp> and <scp>Etmopterus molleri</scp> (Squaliformes,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	6
42	Clonal structure through space and time: High stability in the holothurian Stichopus chloronotus (Echinodermata). Ecology and Evolution, 2017, 7, 7534-7547.	1.9	5
43	High clonal propagation and low population connectivity in the holothurian Stichopus chloronotus from the Indo-Pacific. Marine Biology, 2019, 166, 1.	1.5	5
44	Living on the edge: Assessing the diversity of South African Pocillopora on the margins of the Southwestern Indian Ocean. PLoS ONE, 2019, 14, e0220477.	2.5	4
45	Isolation and characterization of microsatellite loci from three widespread tropical sea cucumbers of the genus Holothuria (Echinodermata, Holothuroidea), and cross-amplification among them. Molecular Biology Reports, 2019, 46, 3501-3510.	2.3	3
46	Exploring the Pocillopora cryptic diversity: a new genetic lineage in the Western Indian Ocean or remnants from an ancient one?. Marine Biodiversity, 2022, 52, 1.	1.0	3
47	Microsatellite records for volume 12, issue 2. Conservation Genetics Resources, 2020, 12, 337-351.	0.8	2
48	Forensic genetic identification of sharks involved in human attacks. Forensic Science International: Genetics, 2021, 54, 102558.	3.1	2
49	Isolation and characterization of 42 microsatellite loci from the prickly redfish Thelenota ananas (Echinodermata, Stichopodidae). Molecular Biology Reports, 2019, 46, 5569-5574.	2.3	1
50	Isolation and characterization of 29 and 19 microsatellite loci from two deep-sea luminous lanternsharks, Etmopterus spinax and Etmopterus molleri (Squaliformes, Etmopteridae). Molecular Biology Reports, 2019, 46, 1357-1362.	2.3	1
51	Isolation and characterization of 24 microsatellite loci from one of the most widespread sea cucumber Holothuria (Mertensiothuria) leucospilota (Echinodermata, Holothuroidea). Conservation Genetics Resources, 2022, 14, 389-390.	0.8	1