Christopher P Meyer

List of Publications by Year
in descending order

66 papers	7,096 citations	136740 32 h-index	123241 61 g-index
70 all docs	70 docs citations	70 times ranked	8675 citing authors

#	Article	IF	Citations
1	Environmental DNA in a global biodiversity hotspot: Lessons from coral reef fish diversity across the Indonesian archipelago. Environmental DNA, 2022, 4, 222-238.	3.1	11
2	Assessment of mitochondrial genomes for heterobranch gastropod phylogenetics. Bmc Ecology and Evolution, 2021, 21, 6.	0.7	9
3	Identification of Caridae Cryptic organism (Crustacea) on the Pocillopora dead coral in Sabang, Aceh. IOP Conference Series: Earth and Environmental Science, 2021, 674, 012008.	0.2	0
4	The U.S. Ocean Biocode. Marine Technology Society Journal, 2021, 55, 140-141.	0.3	3
5	Internet of Samples (iSamples): Toward an interdisciplinary cyberinfrastructure for material samples. GigaScience, 2021, 10, .	3.3	10
6	DNA metabarcoding marker choice skews perception of marine eukaryotic biodiversity. Environmental DNA, 2021, 3, 1229-1246.	3.1	16
7	Toward a Global Public Repository of Community Protocols to Encourage Best Practices in Biomolecular Ocean Observing and Research. Frontiers in Marine Science, 2021, 8, .	1.2	12
8	Internet of Samples. Proceedings of the Association for Information Science and Technology, 2021, 58, 813-815.	0.3	1
9	Effects of low pH on the coral reef cryptic invertebrate communities near CO2 vents in Papua New Guinea. PLoS ONE, 2021, 16, e0258725.	1.1	6
10	Building a global genomics observatory: Using GEOME (the Genomic Observatories Metadatabase) to expedite and improve deposition and retrieval of genetic data and metadata for biodiversity research. Molecular Ecology Resources, 2020, 20, 1458-1469.	2.2	32
11	A Marine Biodiversity Observation Network for Genetic Monitoring of Hard-Bottom Communities (ARMS-MBON). Frontiers in Marine Science, 2020, 7, .	1.2	34
12	Cryptic Species from Biodiversity Hotspot: Estimation of Decapoda on Dead Coral Head Pocillopora in Raja Ampat Papua. Ilmu Kelautan: Indonesian Journal of Marine Sciences, 2020, 25, 1-6.	0.3	0
13	Host identity and symbiotic association affects the taxonomic and functional diversity of the clownfish-hosting sea anemone microbiome. Biology Letters, 2020, 16, 20190738.	1.0	8
14	Dietary and habitat niche partitioning in congeneric cryptobenthic reef fish species. Coral Reefs, 2020, 39, 305-317.	0.9	28
15	A DNA barcode reference library of French Polynesian shore fishes. Scientific Data, 2019, 6, 114.	2.4	21
16	Phylogenetic relationships among the clownfish-hosting sea anemones. Molecular Phylogenetics and Evolution, 2019, 139, 106526.	1.2	33
17	Reconstructing hyperdiverse food webs: Gut content metabarcoding as a tool to disentangle trophic interactions on coral reefs. Methods in Ecology and Evolution, 2019, 10, 1157-1170.	2.2	75
18	Categorization of species as native or nonnative using DNA sequence signatures without a complete reference library. Ecological Applications, 2019, 29, e01914.	1.8	14

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19	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. Molecular Ecology, 2019, 28, 2694-2710.	2.0	30
20	Biodiversity of Cryptofauna (Decapods) and Their Correlation with Dead CoralPocilloporasp. Volume at Bunaken Island, North Sulawesi. IOP Conference Series: Earth and Environmental Science, 2018, 116, 012053.	0.2	1
21	Community Structure of Decapod Inhabit Dead Coral Pocillopora sp. in Pemuteran, Bali. IOP Conference Series: Earth and Environmental Science, 2018, 116, 012055.	0.2	1
22	The importance of standardization for biodiversity comparisons: A case study using autonomous reef monitoring structures (ARMS) and metabarcoding to measure cryptic diversity on Moâ€™orea coral reefs, French Polynesia. PLoS ONE, 2017, 12, e0175066.	1.1	75
23	The Genomic Observatories Metadatabase (GeOMe): A new repository for field and sampling event metadata associated with genetic samples. PLoS Biology, 2017, 15, e2002925.	2.6	72
24	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. GigaScience, 2016, 5, 14.	3.3	15
25	Greater thanXkb: a quantitative assessment of preservation conditions on genomic DNA quality, and a proposed standard for genome-quality DNA. PeerJ, 2016, 4, e2528.	0.9	23
26	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	3.3	185
27	Identifying the ichthyoplankton of a coral reef using <scp>DNA</scp> barcodes. Molecular Ecology Resources, 2015, 15, 57-67.	2.2	67
28	One, four or 100 genera? A new classification of the cone snails. Journal of Molluscan Studies, 2015, 81, 1-23.	0.4	95
29	Metabarcoding dietary analysis of coral dwelling predatory fish demonstrates the minor contribution of coral mutualists to their highly partitioned, generalist diet. PeerJ, 2015, 3, e1047.	0.9	90
30	The scope of published population genetic data for Indo-Pacific marine fauna and future research opportunities in the region. Bulletin of Marine Science, 2014, 90, 47-78.	0.4	44
31	The founding charter of the Genomic Observatories Network. GigaScience, 2014, 3, 2.	3.3	51
32	Phylogeography unplugged: comparative surveys in the genomic era. Bulletin of Marine Science, 2014, 90, 13-46.	0.4	86
33	Report of the 14th Genomic Standards Consortium Meeting, Oxford, UK, September 17-21, 2012.. Standards in Genomic Sciences, 2014, 9, 1236-1250.	1.5	1
34	A new versatile primer set targeting a short fragment of the mitochondrial COI region for metabarcoding metazoan diversity: application for characterizing coral reef fish gut contents. Frontiers in Zoology, 2013, 10, 34.	0.9	955
35	Redesign of <scp>PCR</scp> primers for mitochondrial cytochrome c oxidase subunit <scp>I</scp> for marine invertebrates and application in allâ€taxa biotic surveys. Molecular Ecology Resources, 2013, 13, 851-861.	2.2	696
36	Effectiveness of Annealing Blocking Primers versus Restriction Enzymes for Characterization of Generalist Diets: Unexpected Prey Revealed in the Gut Contents of Two Coral Reef Fish Species. PLoS ONE, 2013, 8, e58076.	1.1	72

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37	Field Information Management Systems for DNA Barcoding. Methods in Molecular Biology, 2012, 858, 255-267.	0.4	8
38	A call for an international network of genomic observatories (GOs). GigaScience, 2012, 1, 5.	3.3	25
39	Cryptic Diversity in Indo-Pacific Coral-Reef Fishes Revealed by DNA-Barcoding Provides New Support to the Centre-of-Overlap Hypothesis. PLoS ONE, 2012, 7, e28987.	1.1	152
40	Introduction to Animal DNA Barcoding Protocols. Methods in Molecular Biology, 2012, 858, 11-16.	0.4	3
41	Moorea BIOCODE barcode library as a tool for understanding predatorâ€“prey interactions: insights into the diet of common predatory coral reef fishes. Coral Reefs, 2012, 31, 383-388.	0.9	49
42	Laboratory Information Management Systems for DNA Barcoding. Methods in Molecular Biology, 2012, 858, 269-310.	0.4	11
43	Genetic divergence and geographical variation in the deepâ€water Conus orbignyi complex (Mollusca: Conoidea). Zoologica Scripta, 2011, 40, 350-363.	0.7	21
44	The dragon tamed? A molecular phylogeny of the Conoidea (Gastropoda). Journal of Molluscan Studies, 2011, 77, 259-272.	0.4	78
45	Identifying coral reef fish larvae through DNA barcoding: A test case with the families Acanthuridae and Holocentridae. Molecular Phylogenetics and Evolution, 2010, 55, 1195-1203.	1.2	109
46	Reef-associated crustacean fauna: biodiversity estimates using semi-quantitative sampling and DNA barcoding. Coral Reefs, 2009, 28, 977-986.	0.9	106
47	Searching for heat in a marine biodiversity hotspot. Journal of Biogeography, 2009, 36, 569-576.	1.4	110
48	Endemism and evolution in the Coral Triangle: a call for clarity. Journal of Biogeography, 2009, 36, 2010-2012.	1.4	18
49	Hidden diversity in a hyperdiverse gastropod genus: Discovery of previously unidentified members of a Conus species complex. Molecular Phylogenetics and Evolution, 2008, 49, 867-876.	1.2	45
50	Hopping Hotspots: Global Shifts in Marine Biodiversity. Science, 2008, 321, 654-657.	6.0	408
51	Testing comparative phylogeographic models of marine vicariance and dispersal using a hierarchical Bayesian approach. BMC Evolutionary Biology, 2008, 8, 322.	3.2	109
52	DNA Barcoding Will Often Fail to Discover New Animal Species over Broad Parameter Space. Systematic Biology, 2006, 55, 729-739.	2.7	369
53	Dispersal and divergence across the greatest ocean region: Do larvae matter?. Integrative and Comparative Biology, 2006, 46, 269-281.	0.9	107
54	FINE SCALE ENDEMISM ON CORAL REEFS: ARCHIPELAGIC DIFFERENTIATION IN TURBINID GASTROPODS. Evolution; International Journal of Organic Evolution, 2005, 59, 113-125.	1.1	276

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55	FINE SCALE ENDEMISM ON CORAL REEFS: ARCHIPELAGIC DIFFERENTIATION IN TURBINID GASTROPODS. Evolution; International Journal of Organic Evolution, 2005, 59, 113.	1.1	16
56	DNA Barcoding: Error Rates Based on Comprehensive Sampling. PLoS Biology, 2005, 3, e422.	2.6	1,398
57	Interannual and decadal variability of the western Pacific sea surface condition for the years 1787â€"2000: Reconstruction based on stable isotope record from a Guam coral. Journal of Geophysical Research, 2005, 110, .	3.3	74
58	Fine scale endemism on coral reefs: archipelagic differentiation in turbinid gastropods. Evolution; International Journal of Organic Evolution, 2005, 59, 113-25.	1.1	69
59	Phylogeography of the Patelloida profunda group (Gastropoda: Lottidae): diversification in a dispersal-driven marine system. Molecular Ecology, 2004, 13, 2749-2762.	2.0	93
60	Carbon and oxygen isotopic composition of a Guam coral and their relationships to environmental variables in the western Pacific. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 212, 1-22.	1.0	32
61	Molecular systematics of cowries (Gastropoda: Cypraeidae) and diversification patterns in the tropics. Biological Journal of the Linnean Society, 2003, 79, 401-459.	0.7	337
62	Diversification in the Tropical Pacific: Comparisons Between Marine and Terrestrial Systems and the Importance of Founder Speciation. Integrative and Comparative Biology, 2002, 42, 922-934.	0.9	139
63	Neritid and thiarid gastropods from French Polynesian streams: how reproduction (sexual,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 2000, 44, 535-545.	1.2	52
64	Pluralism explains diversity in the Coral Triangle. , 0, , 258-263.		9
65	Internet of Samples: Progress report. Biodiversity Information Science and Standards, 0, 5, .	0.0	0
66	The Genomic Observatories Metadatabase. Biodiversity Information Science and Standards, 0, 1, e20508.	0.0	0