

Christopher P Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

7,096
citations

136950

32
h-index

123424

61
g-index

70
all docs

70
docs citations

70
times ranked

8675
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Barcoding: Error Rates Based on Comprehensive Sampling. <i>PLoS Biology</i> , 2005, 3, e422.	5.6	1,398
2	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. <i>Frontiers in Zoology</i> , 2013, 10, 34.	2.0	955
3	Redesign of <sc>PCR</sc> primers for mitochondrial cytochrome <i>c</i> oxidase subunit <sc>I</sc> for marine invertebrates and application in all-taxa biotic surveys. <i>Molecular Ecology Resources</i> , 2013, 13, 851-861.	4.8	696
4	Hopping Hotspots: Global Shifts in Marine Biodiversity. <i>Science</i> , 2008, 321, 654-657.	12.6	408
5	DNA Barcoding Will Often Fail to Discover New Animal Species over Broad Parameter Space. <i>Systematic Biology</i> , 2006, 55, 729-739.	5.6	369
6	Molecular systematics of cowries (Gastropoda: Cypraeidae) and diversification patterns in the tropics. <i>Biological Journal of the Linnean Society</i> , 2003, 79, 401-459.	1.6	337
7	FINE SCALE ENDEMISM ON CORAL REEFS: ARCHIPELAGIC DIFFERENTIATION IN TURBINID GASTROPODS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 113-125.	2.3	276
8	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	6.4	185
9	Cryptic Diversity in Indo-Pacific Coral-Reef Fishes Revealed by DNA-Barcoding Provides New Support to the Centre-of-Overlap Hypothesis. <i>PLoS ONE</i> , 2012, 7, e28987.	2.5	152
10	Diversification in the Tropical Pacific: Comparisons Between Marine and Terrestrial Systems and the Importance of Founder Speciation. <i>Integrative and Comparative Biology</i> , 2002, 42, 922-934.	2.0	139
11	Searching for heat in a marine biodiversity hotspot. <i>Journal of Biogeography</i> , 2009, 36, 569-576.	3.0	110
12	Testing comparative phylogeographic models of marine vicariance and dispersal using a hierarchical Bayesian approach. <i>BMC Evolutionary Biology</i> , 2008, 8, 322.	3.2	109
13	Identifying coral reef fish larvae through DNA barcoding: A test case with the families Acanthuridae and Holocentridae. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 1195-1203.	2.7	109
14	Dispersal and divergence across the greatest ocean region: Do larvae matter?. <i>Integrative and Comparative Biology</i> , 2006, 46, 269-281.	2.0	107
15	Reef-associated crustacean fauna: biodiversity estimates using semi-quantitative sampling and DNA barcoding. <i>Coral Reefs</i> , 2009, 28, 977-986.	2.2	106
16	One, four or 100 genera? A new classification of the cone snails. <i>Journal of Molluscan Studies</i> , 2015, 81, 1-23.	1.2	95
17	Phylogeography of the <i>Patelloida profunda</i> group (Gastropoda: Lottidae): diversification in a dispersal-driven marine system. <i>Molecular Ecology</i> , 2004, 13, 2749-2762.	3.9	93
18	Metabarcoding dietary analysis of coral dwelling predatory fish demonstrates the minor contribution of coral mutualists to their highly partitioned, generalist diet. <i>PeerJ</i> , 2015, 3, e1047.	2.0	90

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19	Phylogeography unplugged: comparative surveys in the genomic era. <i>Bulletin of Marine Science</i> , 2014, 90, 13-46.	0.8	86
20	The dragon tamed? A molecular phylogeny of the Conoidea (Gastropoda). <i>Journal of Molluscan Studies</i> , 2011, 77, 259-272.	1.2	78
21	The importance of standardization for biodiversity comparisons: A case study using autonomous reef monitoring structures (ARMS) and metabarcoding to measure cryptic diversity on Moorea coral reefs, French Polynesia. <i>PLoS ONE</i> , 2017, 12, e0175066.	2.5	75
22	Reconstructing hyperdiverse food webs: Gut content metabarcoding as a tool to disentangle trophic interactions on coral reefs. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1157-1170.	5.2	75
23	Interannual and decadal variability of the western Pacific sea surface condition for the years 1787-2000: Reconstruction based on stable isotope record from a Guam coral. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	74
24	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. <i>PLoS ONE</i> , 2013, 8, e58076.	2.5	72
25	The Genomic Observatories Metadatabase (GeOMe): A new repository for field and sampling event metadata associated with genetic samples. <i>PLoS Biology</i> , 2017, 15, e2002925.	5.6	72
26	Fine scale endemism on coral reefs: archipelagic differentiation in turbinid gastropods. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 113-25.	2.3	69
27	Identifying the ichthyoplankton of a coral reef using DNA barcodes. <i>Molecular Ecology Resources</i> , 2015, 15, 57-67.	4.8	67
28	Neritid and thiarid gastropods from French Polynesian streams: how reproduction (sexual, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td 2000, 44, 535-545.	2.4	52
29	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	6.4	51
30	Moorea BIOCOTE barcode library as a tool for understanding predator-prey interactions: insights into the diet of common predatory coral reef fishes. <i>Coral Reefs</i> , 2012, 31, 383-388.	2.2	49
31	Hidden diversity in a hyperdiverse gastropod genus: Discovery of previously unidentified members of a <i>Conus</i> species complex. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 867-876.	2.7	45
32	The scope of published population genetic data for Indo-Pacific marine fauna and future research opportunities in the region. <i>Bulletin of Marine Science</i> , 2014, 90, 47-78.	0.8	44
33	A Marine Biodiversity Observation Network for Genetic Monitoring of Hard-Bottom Communities (ARMS-MBON). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	34
34	Phylogenetic relationships among the clownfish-hosting sea anemones. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106526.	2.7	33
35	Carbon and oxygen isotopic composition of a Guam coral and their relationships to environmental variables in the western Pacific. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 212, 1-22.	2.3	32
36	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. <i>Molecular Ecology Resources</i> , 2020, 20, 1458-1469.	4.8	32

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37	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. <i>Molecular Ecology</i> , 2019, 28, 2694-2710.	3.9	30
38	Dietary and habitat niche partitioning in congeneric cryptobenthic reef fish species. <i>Coral Reefs</i> , 2020, 39, 305-317.	2.2	28
39	A call for an international network of genomic observatories (GOs). <i>GigaScience</i> , 2012, 1, 5.	6.4	25
40	Greater than 1 kb: a quantitative assessment of preservation conditions on genomic DNA quality, and a proposed standard for genome-quality DNA. <i>PeerJ</i> , 2016, 4, e2528.	2.0	23
41	Genetic divergence and geographical variation in the deep-sea water <i>Conus orbignyi</i> complex (Mollusca: Conoidea). <i>Zoologica Scripta</i> , 2011, 40, 350-363.	1.7	21
42	A DNA barcode reference library of French Polynesian shore fishes. <i>Scientific Data</i> , 2019, 6, 114.	5.3	21
43	Endemism and evolution in the Coral Triangle: a call for clarity. <i>Journal of Biogeography</i> , 2009, 36, 2010-2012.	3.0	18
44	FINE SCALE ENDEMISM ON CORAL REEFS: ARCHIPELAGIC DIFFERENTIATION IN TURBINID GASTROPODS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 113.	2.3	16
45	DNA metabarcoding marker choice skews perception of marine eukaryotic biodiversity. <i>Environmental DNA</i> , 2021, 3, 1229-1246.	5.8	16
46	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. <i>GigaScience</i> , 2016, 5, 14.	6.4	15
47	Categorization of species as native or nonnative using DNA sequence signatures without a complete reference library. <i>Ecological Applications</i> , 2019, 29, e01914.	3.8	14
48	Toward a Global Public Repository of Community Protocols to Encourage Best Practices in Biomolecular Ocean Observing and Research. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	12
49	Laboratory Information Management Systems for DNA Barcoding. <i>Methods in Molecular Biology</i> , 2012, 858, 269-310.	0.9	11
50	Environmental DNA in a global biodiversity hotspot: Lessons from coral reef fish diversity across the Indonesian archipelago. <i>Environmental DNA</i> , 2022, 4, 222-238.	5.8	11
51	Internet of Samples (iSamples): Toward an interdisciplinary cyberinfrastructure for material samples. <i>GigaScience</i> , 2021, 10, .	6.4	10
52	Pluralism explains diversity in the Coral Triangle. , 0, , 258-263.		9
53	Assessment of mitochondrial genomes for heterobranch gastropod phylogenetics. <i>Bmc Ecology and Evolution</i> , 2021, 21, 6.	1.6	9
54	Field Information Management Systems for DNA Barcoding. <i>Methods in Molecular Biology</i> , 2012, 858, 255-267.	0.9	8

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55	Host identity and symbiotic association affects the taxonomic and functional diversity of the clownfish-hosting sea anemone microbiome. <i>Biology Letters</i> , 2020, 16, 20190738.	2.3	8
56	Effects of low pH on the coral reef cryptic invertebrate communities near CO2 vents in Papua New Guinea. <i>PLoS ONE</i> , 2021, 16, e0258725.	2.5	6
57	Introduction to Animal DNA Barcoding Protocols. <i>Methods in Molecular Biology</i> , 2012, 858, 11-16.	0.9	3
58	The U.S. Ocean Biocode. <i>Marine Technology Society Journal</i> , 2021, 55, 140-141.	0.4	3
59	Report of the 14th Genomic Standards Consortium Meeting, Oxford, UK, September 17-21, 2012.. <i>Standards in Genomic Sciences</i> , 2014, 9, 1236-1250.	1.5	1
60	Biodiversity of Cryptofauna (Decapods) and Their Correlation with Dead Coral <i>Pocillopora</i> sp. Volume at Bunaken Island, North Sulawesi. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 116, 012053.	0.3	1
61	Community Structure of Decapod Inhabit Dead Coral <i>Pocillopora</i> sp. in Pemuteran, Bali. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 116, 012055.	0.3	1
62	Internet of Samples. <i>Proceedings of the Association for Information Science and Technology</i> , 2021, 58, 813-815.	0.6	1
63	Cryptic Species from Biodiversity Hotspot: Estimation of Decapoda on Dead Coral Head <i>Pocillopora</i> in Raja Ampat Papua. <i>Ilmu Kelautan: Indonesian Journal of Marine Sciences</i> , 2020, 25, 1-6.	0.4	0
64	Identification of Caridae Cryptic organism (Crustacea) on the <i>Pocillopora</i> dead coral in Sabang, Aceh. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 674, 012008.	0.3	0
65	Internet of Samples: Progress report. <i>Biodiversity Information Science and Standards</i> , 0, 5, .	0.0	0
66	The Genomic Observatories Metadatabase. <i>Biodiversity Information Science and Standards</i> , 0, 1, e20508.	0.0	0