

Cynthia Riginos

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,483
citations

117453

34
h-index

114278

63
g-index

96
all docs

96
docs citations

96
times ranked

5574
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptic diversity and spatial genetic variation in the coral <i>Acropora tenuis</i> and its endosymbionts across the Great Barrier Reef. <i>Evolutionary Applications</i> , 2023, 16, 293-310.	1.5	9
2	Deep connections: Divergence histories with gene flow in mesophotic <i>Agaricia</i> corals. <i>Molecular Ecology</i> , 2022, 31, 2511-2527.	2.0	6
3	Integrating morphological and genetic data at different spatial scales in a cosmopolitan marine turtle species: challenges for management and conservation. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 434-453.	1.0	9
4	Pre-introduction introgression contributes to parallel differentiation and contrasting hybridization outcomes between invasive and native marine mussels. <i>Journal of Evolutionary Biology</i> , 2021, 34, 175-192.	0.8	10
5	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	2.0	19
6	Genetic and phenotypic variation exhibit both predictable and stochastic patterns across an intertidal fish metapopulation. <i>Molecular Ecology</i> , 2021, 30, 4392-4414.	2.0	1
7	Global connections with some genomic differentiation occur between Indo-Pacific and Atlantic Ocean wahoo, a large circumtropical pelagic fish. <i>Journal of Biogeography</i> , 2021, 48, 2053-2067.	1.4	4
8	Women in biogeography. <i>Journal of Biogeography</i> , 2021, 48, 2117-2120.	1.4	4
9	Pinpointing genetic breaks in the southeastern Pacific: Phylogeography and genetic structure of a commercially important tunicate. <i>Journal of Biogeography</i> , 2021, 48, 2604-2615.	1.4	3
10	Poor data stewardship will hinder global genetic diversity surveillance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	31
11	Skeletal deformities and meristic trait variations are common in the intertidal fish <i>Bathygobius cocosensis</i> (Perciformes: Gobiidae). <i>Journal of Fish Diseases</i> , 2021, 44, 665-673.	0.9	0
12	Twin introductions by independent invader mussel lineages are both associated with recent admixture with a native congener in Australia. <i>Evolutionary Applications</i> , 2020, 13, 515-532.	1.5	43
13	Comparative genomics reveals divergent thermal selection in warm- and cold-tolerant marine mussels. <i>Molecular Ecology</i> , 2020, 29, 519-535.	2.0	24
14	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.	2.2	32
15	Anthropogenic hybridization at sea: three evolutionary questions relevant to invasive species management. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190547.	1.8	28
16	Intertidal gobies acclimate rate of luminance change for background matching with shifts in seasonal temperature. <i>Journal of Animal Ecology</i> , 2020, 89, 1735-1746.	1.3	7
17	Asymmetric dispersal is a critical element of concordance between biophysical dispersal models and spatial genetic structure in Great Barrier Reef corals. <i>Diversity and Distributions</i> , 2019, 25, 1684-1696.	1.9	27
18	Rapid larval growth is costly for post-metamorphic thermal performance in a Great Barrier Reef fish. <i>Coral Reefs</i> , 2019, 38, 895-907.	0.9	3

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19	Do tiny fish rule the reefs?. <i>Science</i> , 2019, 364, 1128-1130.	6.0	2
20	The molecular biogeography of the Indo-Pacific: Testing hypotheses with multispecies genetic patterns. <i>Global Ecology and Biogeography</i> , 2019, 28, 943-960.	2.7	43
21	An intertidal fish shows thermal acclimation despite living in a rapidly fluctuating environment. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 385-398.	0.7	29
22	Population genetics of <i>Anopheles koliensis</i> through Papua New Guinea: New cryptic species and landscape topography effects on genetic connectivity. <i>Ecology and Evolution</i> , 2019, 9, 13375-13388.	0.8	1
23	Seascape Genomics: Contextualizing Adaptive and Neutral Genomic Variation in the Ocean Environment. <i>Population Genomics</i> , 2019, , 171-218.	0.2	18
24	<sc>neogen</sc>: A tool to predict genetic effective population size (N_e) for species with generational overlap and to assist empirical N_e study design. <i>Molecular Ecology Resources</i> , 2019, 19, 260-271.	2.2	15
25	Historical divergences associated with intermittent land bridges overshadow isolation by larval dispersal in co-distributed species of <i>Tridacna</i> giant clams. <i>Journal of Biogeography</i> , 2018, 45, 848-858.	1.4	18
26	Reserve Sizes Needed to Protect Coral Reef Fishes. <i>Conservation Letters</i> , 2018, 11, e12415.	2.8	24
27	Comparative phylogeography of two co-distributed but ecologically distinct rainbowfishes of far-northern Australia. <i>Journal of Biogeography</i> , 2018, 45, 127-141.	1.4	3
28	The complete mitochondrial genome of <i>Bathygobius cocosensis</i> (Perciformes, Gobiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 217-219.	0.2	3
29	Larval traits show temporally consistent constraints, but are decoupled from postsettlement juvenile growth, in an intertidal fish. <i>Journal of Animal Ecology</i> , 2018, 87, 1353-1363.	1.3	16
30	Revisiting the 'Centre Hypotheses' of the Indo-West Pacific: Idiosyncratic genetic diversity of nine reef species offers weak support for the Coral Triangle as a centre of genetic biodiversity. <i>Journal of Biogeography</i> , 2018, 45, 1806-1817.	1.4	5
31	Deep reefs are not universal refuges: Reseeding potential varies among coral species. <i>Science Advances</i> , 2017, 3, e1602373.	4.7	193
32	Incorporating larval dispersal into MPA design for both conservation and fisheries. <i>Ecological Applications</i> , 2017, 27, 925-941.	1.8	83
33	Environmental and geographic variables are effective surrogates for genetic variation in conservation planning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12755-12760.	3.3	57
34	Marine Reserve Targets to Sustain and Rebuild Unregulated Fisheries. <i>PLoS Biology</i> , 2017, 15, e2000537.	2.6	48
35	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.	2.6	72
36	Seascape features, rather than dispersal traits, predict spatial genetic patterns in co-distributed reef fishes. <i>Journal of Biogeography</i> , 2016, 43, 256-267.	1.4	48

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37	Navigating the currents of seascape genomics: how spatial analyses can augment population genomic studies. <i>Environmental Epigenetics</i> , 2016, 62, 581-601.	0.9	108
38	Species composition and hybridisation of mussel species (<i>Bivalvia: Mytilidae</i>) in Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 1955.	0.7	18
39	Congruent patterns of connectivity can inform management for broadcast spawning corals on the Great Barrier Reef. <i>Molecular Ecology</i> , 2016, 25, 3065-3080.	2.0	41
40	A phylogenetic analysis of egg size, clutch size, spawning mode, adult body size, and latitude in reef fishes. <i>Coral Reefs</i> , 2016, 35, 387-397.	0.9	24
41	Genetic and phenotypic diversity in the wedgefish <i>Rhynchobatus australiae</i> , a threatened ray of high value in the shark fin trade. <i>Marine Ecology - Progress Series</i> , 2016, 548, 165-180.	0.9	21
42	Site fidelity, size, and morphology may differ by tidal position for an intertidal fish, <i>Bathygobius cocosensis</i> (Perciformes-Gobiidae), in Eastern Australia. <i>PeerJ</i> , 2016, 4, e2263.	0.9	12
43	Population Genetic Diversity in the Australian "Seascape"™: A Bioregion Approach. <i>PLoS ONE</i> , 2015, 10, e0136275.	1.1	14
44	Not the time or the place: the missing spatio-temporal link in publicly available genetic data. <i>Molecular Ecology</i> , 2015, 24, 3802-3809.	2.0	38
45	The emergent geography of biophysical dispersal barriers across the Indo-West Pacific. <i>Diversity and Distributions</i> , 2015, 21, 465-476.	1.9	68
46	Urban development explains reduced genetic diversity in a narrow range endemic freshwater fish. <i>Conservation Genetics</i> , 2015, 16, 625-634.	0.8	8
47	Clones in space—how sampling can bias genetic diversity estimates in corals: editorial comment on the feature article by Gorospe et al.. <i>Marine Biology</i> , 2015, 162, 913-915.	0.7	4
48	Human effects on ecological connectivity in aquatic ecosystems: Integrating scientific approaches to support management and mitigation. <i>Science of the Total Environment</i> , 2015, 534, 52-64.	3.9	143
49	Characterisation and cross-amplification of 21 novel microsatellite loci for the dusky shark, <i>Carcharhinus obscurus</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 909-912.	0.4	3
50	Characterisation and cross-amplification of 19 novel microsatellite loci for the sandbar shark, <i>Carcharhinus plumbeus</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 913-915.	0.4	0
51	Latitude-wide genetic patterns reveal historical effects and contrasting patterns of turnover and nestedness at the range peripheries of a tropical marine fish. <i>Ecography</i> , 2015, 38, 1212-1224.	2.1	20
52	Return of the ghosts of dispersal past: historical spread and contemporary gene flow in the blue sea star <i>Linckia laevigata</i> . <i>Bulletin of Marine Science</i> , 2014, 90, 399-425.	0.4	32
53	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.	0.4	44
54	Magnificent dimensions, varied forms, and brilliant colors: the molecular ecology and evolution of the Indian and Pacific oceans. <i>Bulletin of Marine Science</i> , 2014, 90, 1-11.	0.4	24

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55	Evaluating edge-of-range genetic patterns for tropical echinoderms, <i>Acanthaster planci</i> and <i>Tripneustes gratilla</i> , of the Kermadec Islands, southwest Pacific. <i>Bulletin of Marine Science</i> , 2014, 90, 379-397.	0.4	19
56	Extensive genetic population structure in the Indo-West Pacific spot-tail shark, <i>Carcharhinus sorrah</i> . <i>Bulletin of Marine Science</i> , 2014, 90, 427-454.	0.4	23
57	Cleaning up the biogeography of <i>Labroides dimidiatus</i> using phylogenetics and morphometrics. <i>Coral Reefs</i> , 2014, 33, 223-233.	0.9	11
58	Dispersal Capacity Predicts Both Population Genetic Structure and Species Richness in Reef Fishes. <i>American Naturalist</i> , 2014, 184, 52-64.	1.0	70
59	Evolving coral reef conservation with genetic information. <i>Bulletin of Marine Science</i> , 2014, 90, 159-185.	0.4	89
60	Taking the Plunge: An Introduction to Undertaking Seascape Genetic Studies and using Biophysical Models. <i>Geography Compass</i> , 2013, 7, 173-196.	1.5	58
61	Regional patterns of mtDNA diversity in <i>Styela plicata</i> , an invasive ascidian, from Australian and New Zealand marinas. <i>Marine and Freshwater Research</i> , 2013, 64, 139.	0.7	6
62	Seascape Genetics: Populations, Individuals, and Genes Marooned and Adrift. <i>Geography Compass</i> , 2013, 7, 197-216.	1.5	96
63	Gene flow in the green mirid, <i>Creontiades dilutus</i> (Hemiptera: Miridae), across arid and agricultural environments with different host plant species. <i>Ecology and Evolution</i> , 2013, 3, 807-821.	0.8	19
64	A Novel Widespread Cryptic Species and Phylogeographic Patterns within Several Giant Clam Species (Cardiidae: Tridacna) from the Indo-Pacific Ocean. <i>PLoS ONE</i> , 2013, 8, e80858.	1.1	46
65	Rapid genetic turnover in populations of the insect pest <i>Bemisia tabaci</i> Middle East: Asia Minor 1 in an agricultural landscape. <i>Bulletin of Entomological Research</i> , 2012, 102, 539-549.	0.5	18
66	Systematics and phylogenetic species delimitation within <i>Polinices</i> s.l. (Caenogastropoda: Naticidae) based on molecular data and shell morphology. <i>Organisms Diversity and Evolution</i> , 2012, 12, 349-375.	0.7	8
67	Reproductive Output and Duration of the Pelagic Larval Stage Determine Seascape-Wide Connectivity of Marine Populations. <i>Integrative and Comparative Biology</i> , 2012, 52, 525-537.	0.9	211
68	Population structure, mitochondrial polyphyly and the repeated loss of human biting ability in anopheline mosquitoes from the southwest Pacific. <i>Molecular Ecology</i> , 2012, 21, 4327-4343.	2.0	22
69	Effects of geography and life history traits on genetic differentiation in benthic marine fishes. <i>Ecography</i> , 2011, 34, 566-575.	2.1	141
70	Models based on individual level movement predict spatial patterns of genetic relatedness for two Australian forest birds. <i>Landscape Ecology</i> , 2011, 26, 137-148.	1.9	23
71	Vicariance and dispersal across an intermittent barrier: population genetic structure of marine animals across the Torres Strait land bridge. <i>Coral Reefs</i> , 2011, 30, 937-949.	0.9	48
72	Adaptive divergence in a scleractinian coral: physiological adaptation of <i>Seriatopora hystrix</i> to shallow and deep reef habitats. <i>BMC Evolutionary Biology</i> , 2011, 11, 303.	3.2	93

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73	Latitudinal variability in spatial genetic structure in the invasive ascidian, <i>Styela plicata</i> . <i>Marine Biology</i> , 2010, 157, 1955-1965.	0.7	21
74	North Atlantic marine communities through time. <i>Molecular Ecology</i> , 2010, 19, 4389-4390.	2.0	0
75	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2010 – 31 July 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1106-1108.	2.2	48
76	Refined Global Analysis of <i>Bemisia tabaci</i> (Hemiptera: Sternorrhyncha: Aleyrodoidea). <i>Trends in Ecology and Evolution</i> , 2010, 25, 627-633. <i>Transactions of the Entomological Society of America</i> , 2010, 103, 196-208.	1.3	585
77	Genetic Divergence across Habitats in the Widespread Coral <i>Seriatopora hystrix</i> and Its Associated Symbiodinium. <i>PLoS ONE</i> , 2010, 5, e10871.	1.1	159
78	Patterns of mtDNA diversity in North Atlantic populations of the mussel <i>Mytilus edulis</i> . <i>Marine Biology</i> , 2008, 155, 399-412.	0.7	31
79	ECOLOGICAL GENETICS IN THE NORTH ATLANTIC: ENVIRONMENTAL GRADIENTS AND ADAPTATION AT SPECIFIC LOCI. <i>Ecology</i> , 2008, 89, S91-107.	1.5	124
80	Genetic connectivity patterns of <i>Pocillopora verrucosa</i> in southern African Marine Protected Areas. <i>Marine Ecology - Progress Series</i> , 2008, 354, 161-168.	0.9	51
81	Hybridization in postglacial marine habitats. <i>Molecular Ecology</i> , 2007, 16, 3971-3972.	2.0	10
82	Geographic Variation and Positive Selection on M7 Lysin, an Acrosomal Sperm Protein in Mussels (<i>Mytilus</i> spp.). <i>Molecular Biology and Evolution</i> , 2006, 23, 1952-1965.	3.5	51
83	CRYPTIC VICARIANCE IN GULF OF CALIFORNIA FISHES PARALLELS VICARIANT PATTERNS FOUND IN BAJA CALIFORNIA MAMMALS AND REPTILES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2678-2690.	1.1	52
84	CRYPTIC VICARIANCE IN GULF OF CALIFORNIA FISHES PARALLELS VICARIANT PATTERNS FOUND IN BAJA CALIFORNIA MAMMALS AND REPTILES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2678.	1.1	2
85	Cryptic vicariance in Gulf of California fishes parallels vicariant patterns found in Baja California mammals and reptiles. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2678-90.	1.1	11
86	DIFFERENTIAL PATTERNS OF MALE AND FEMALE MTDNA EXCHANGE ACROSS THE ATLANTIC OCEAN IN THE BLUE MUSSEL, <i>MYTILUS EDULIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2438.	1.1	8
87	INVITED REVIEW: Local adaptation and species segregation in two mussel (<i>Mytilus edulis</i> — <i>Mytilus</i>) Tj ETQq1 1 0,784314.rgBT /Over	2.0	22
88	DIFFERENTIAL PATTERNS OF MALE AND FEMALE MTDNA EXCHANGE ACROSS THE ATLANTIC OCEAN IN THE BLUE MUSSEL, <i>MYTILUS EDULIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2438-2451.	1.1	55
89	Positive Selection on an Acrosomal Sperm Protein, M7 Lysin, in Three Species of the Mussel Genus <i>Mytilus</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 200-207.	3.5	54
90	Evidence for Selection at Multiple Allozyme Loci Across a Mussel Hybrid Zone. <i>Molecular Biology and Evolution</i> , 2002, 19, 347-351.	3.5	72

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91	Largest of All Electric-Fish Snouts: Hypermorphic Facial Growth in Male <i>Apteronotus hasemani</i> and the Identity of <i>Apteronotus anas</i> (Gymnotiformes: Apteronotidae). <i>Copeia</i> , 2002, 2002, 52-61.	1.4	33
92	Larval spatial distributions and other early life-history characteristics predict genetic differentiation in eastern Pacific blennioid fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1931-1936.	1.2	146
93	Population subdivision in marine environments: the contributions of biogeography, geographical distance and discontinuous habitat to genetic differentiation in a blennioid fish, <i>Axoclinus nigricaudus</i> . <i>Molecular Ecology</i> , 2001, 10, 1439-1453.	2.0	179
94	Planning for Field Based Biological Sample Collection: Using the Genomic Observatories Metadatabase Project Interface. <i>Biodiversity Information Science and Standards</i> , 0, 2, e25651.	0.0	1