Michael Berumen

List of Publications by Year
in descending order

274 papers	12,177 citations	28190 55 h-index	35952 97 g-index
290 all docs	290 docs citations	290 times ranked	10386 citing authors

#	Article	IF	Citations
1	Evolution and biogeography of the Zanclea-Scleractinia symbiosis. Coral Reefs, 2022, 41, 779-795.	0.9	18
2	Diversity, host specificity and biogeography in the Cladocorynidae (Hydrozoa, Capitata), with description of a new genus. Cladistics, 2022, 38, 13-37.	1.5	7
3	Environmental DNA reveals a multiâ€taxa biogeographic break across the Arabian Sea and Sea of Oman. Environmental DNA, 2022, 4, 206-221.	3.1	17
4	Stylophora under stress: A review of research trends and impacts of stressors on a model coral species. Science of the Total Environment, 2022, 816, 151639.	3.9	8
5	Fish growth trajectory tracking using Q-learning in precision aquaculture. Aquaculture, 2022, 550, 737838.	1.7	12
6	Pieces in a global puzzle: Population genetics at two whale shark aggregations in the western Indian Ocean. Ecology and Evolution, 2022, 12, e8492.	0.8	4
7	Waif or hybrid? Observation records of rare coloration grouper in Djibouti. Environmental Biology of Fishes, 2022, 105, 531-536.	0.4	1
8	Home sweet home: spatiotemporal distribution and site fidelity of the reef manta ray (Mobula alfredi) in Dungonab Bay, Sudan. Movement Ecology, 2022, 10, 22.	1.3	4
9	Global collision-risk hotspots of marine traffic and the worldâ€™s largest fish, the whale shark. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117440119.	3.3	26
10	Potential effects of heavy metal pollution from a cement factory near Saudi Arabiaâ€™s largest green turtle rookery. Environmental Monitoring and Assessment, 2022, 194, .	1.3	2
11	Unoccupied aerial video (UAV) surveys as alternatives to BRUV surveys for monitoring elasmobranch species in coastal waters. ICES Journal of Marine Science, 2022, 79, 1604-1613.	1.2	11
12	Genetic diversity and lifeâ€history traits of bonefish Albula spp. from the Red Sea. Journal of Fish Biology, 2021, 98, 855-864.	0.7	4
13	Broadcast spawning of Pocillopora verrucosa across the eastern and western coast of the central Red Sea. Ecosphere, 2021, 12, e03340.	1.0	7
14	Patterns, Drivers, and Ecological Implications of Upwelling in Coral Reef Habitats of the Southern Red Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016493.	1.0	10
15	Integrative systematics of the scleractinian coral genera Caulastraea, Erythrastrea and Oulophyllia. Zoologica Scripta, 2021, 50, 509-527.	0.7	6
16	Neotype designation and re-description of ForsskÃ¥lâ€™s reticulate whipray Himantura uarnak. Marine Biodiversity, 2021, 51, 1.	0.3	2
17	Using species connectivity to achieve coordinated large-scale marine conservation efforts in the Red Sea. Marine Pollution Bulletin, 2021, 166, 112244.	2.3	16
18	A portfolio of climateâ€tailored approaches to advance the design of marine protected areas in the Red Sea. Global Change Biology, 2021, 27, 3956-3968.	4.2	11

#	Article	IF	Citations
19	Latitudinal variation in monthly-scale reproductive synchrony among Acropora coral assemblages in the Indo-Pacific. Coral Reefs, 2021, 40, 1411-1418.	0.9	7
20	Implications of nest relocation for morphology and locomotor performance of green turtle (Chelonia mydas) hatchlings. Ocean and Coastal Management, 2021, 207, 105591.	2.0	9
21	Red Sea fish market assessments indicate high species diversity and potential overexploitation. Fisheries Research, 2021, 239, 105922.	0.9	14
22	Growth patterns of specialized reef fishes distributed across the Red Sea to Gulf of Aden. Environmental Biology of Fishes, 2021, 104, 967-976.	0.4	1
23	Reply to: Caution over the use of ecological big data for conservation. Nature, 2021, 595, E20-E28.	13.7	4
24	Reply to: Shark mortality cannot be assessed by fishery overlap alone. Nature, 2021, 595, E8-E16.	13.7	7
25	Year-round high abundances of the worldâ€™s smallest marine vertebrate (Schindleria) in the Red Sea and worldwide associations with lunar phases. Scientific Reports, 2021, 11, 14261.	1.6	4
26	Phylogenomics of Porites from the Arabian Peninsula. Molecular Phylogenetics and Evolution, 2021, 161, 107173.	1.2	9
27	Model predictive control paradigms for fish growth reference tracking in precision aquaculture. Journal of Process Control, 2021, 105, 160-168.	1.7	12
28	Larval dispersal and fishing pressure influence recruitment in a coral reef fishery. Journal of Applied Ecology, 2021, 58, 2924-2935.	1.9	6
29	The time course of molecular acclimation to seawater in a euryhaline fish. Scientific Reports, 2021, 11, 18127.	1.6	9
30	Morphology and reproduction in the Hapalocarcinus marsupialis Stimpson, 1859 species complex (Decapoda: Brachyura: Cryptochiridae). Journal of Crustacean Biology, 2021, 41, .	0.3	9
31	Investing in Blue Natural Capital to Secure a Future for the Red Sea Ecosystems. Frontiers in Marine Science, 2021, 7, .	1.2	19
32	Integrative systematics illuminates the relationships in two sponge-associated hydrozoan families (Capitata: Sphaerocorynidae and Zancleopsidae). Contributions To Zoology, 2021, 90, 487-525.	0.2	7
33	Clownfish hosting anemones (Anthozoa, Actiniaria) of the Red Sea: new associations and distributions, historical misidentifications, and morphological variability. Marine Biodiversity Records, 2021, 14, .	1.2	3
34	Strong habitat and weak genetic effects shape the lifetime reproductive success in a wild clownfish population. Ecology Letters, 2020, 23, 265-273.	3.0	11
35	Investigating the heat shock protein response involved in coral bleaching across scleractinian species in the central Red Sea. Coral Reefs, 2020, 39, 85-98.	0.9	16
36	Comparative phylogeography of three host sea anemones in the Indoâ€Pacific. Journal of Biogeography, 2020, 47, 487-500.	1.4	8

#	Article	IF	Citations
37	A connectivity portfolio effect stabilizes marine reserve performance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25595-25600.	3.3	55
38	Potential feminization of Red Sea turtle hatchlings as indicated by in situ sand temperature profiles. Conservation Science and Practice, 2020, 2, e266.	0.9	9
39	Global status and conservation potential of reef sharks. Nature, 2020, 583, 801-806.	13.7	176
40	Carlgrenâ€™s hesitation allayed: redescription and systematics of Heteranthus verruculatus Klunzinger, 1877 (Cnidaria, Actiniaria), with a redefinition of Heteranthidae Carlgren, 1900. Contributions To Zoology, 2020, 90, 155-182.	0.2	0
41	Morphological and ecological trait diversity reveal sensitivity of herbivorous fish assemblages to coral reef benthic conditions. Marine Environmental Research, 2020, 162, 105102.	1.1	15
42	Symbiodiniaceae diversity of Palythoa tuberculosa in the central and southern Red Sea influenced by environmental factors. Coral Reefs, 2020, 39, 1619-1633.	0.9	2
43	Recruitment of coral reef fishes along a cross-shelf gradient in the Red Sea peaks outside the hottest season. Coral Reefs, 2020, 39, 1565-1579.	0.9	8
44	Natal philopatry increases relatedness within groups of coral reef cardinalfish. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201133.	1.2	11
45	Intentional partial beaching in a coral reef fish: a newly recorded hunting behaviour of titan triggerfish, Balistoides viridescens. Journal of Fish Biology, 2020, 97, 1569-1572.	0.7	0
46	Travel with your kin ship! Insights from genetic sibship among settlers of a coral damselfish. Ecology and Evolution, 2020, 10, 8265-8278.	0.8	5
47	Does color matter? Molecular and ecological divergence in four sympatric color morphs of a coral reef fish. Ecology and Evolution, 2020, 10, 9663-9681.	0.8	6
48	Nutrient-supplying ocean currents modulate coral bleaching susceptibility. Science Advances, 2020, 6, .	4.7	48
49	Cellular network Marine Sensor Buoy. , 2020, , .		5
50	Aqua-Fi: Delivering Internet Underwater Using Wireless Optical Networks. IEEE Communications Magazine, 2020, 58, 84-89.	4.9	31
51	Cryptic species and host specificity in the bryozoan-associated hydrozoan Zanclea divergens (Hydrozoa, Zancleidae). Molecular Phylogenetics and Evolution, 2020, 151, 106893.	1.2	15
52	No Place Like Home? High Residency and Predictable Seasonal Movement of Whale Sharks Off Tanzania. Frontiers in Marine Science, 2020, 7, .	1.2	14
53	Fine-scale delineation of Symbiodiniaceae genotypes on a previously bleached central Red Sea reef system demonstrates a prevalence of coral host-specific associations. Coral Reefs, 2020, 39, 583-601.	0.9	39
54	Morpho-molecular traits of Indo-Pacific and Caribbean Halofolliculina ciliate infections. Coral Reefs, 2020, 39, 375-386.	0.9	6

#	Article	IF	Citations
55	Distinct patterns of hybridization across a suture zone in a coral reef fish (Dascyllus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	9
56	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.	1.4	22
57	Prokaryote Communities Inhabiting Endemic and Newly Discovered Sponges and Octocorals from the Red Sea. Microbial Ecology, 2020, 80, 103-119.	1.4	14
58	Morphology and genetic investigation of flatfish interspecies hybrids (Pleuronectes platessa X) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.9	5
59	Towards a rigorous species delimitation framework for scleractinian corals based on RAD sequencing: the case study of Leptastrea from the Indo-Pacific. Coral Reefs, 2020, 39, 1001-1025.	0.9	38
60	Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. Ecology and Evolution, 2020, 10, 4314-4330.	0.8	16
61	Vertical movements of a pelagic thresher shark (Alopias pelagicus): insights into the speciesâ€™ physiological limitations and trophic ecology in the Red Sea. Endangered Species Research, 2020, 43, 387-394.	1.2	15
62	Environmental gradients and host availability affecting the symbiosis between Pteroclava krempfi and alcyonaceans in the Saudi Arabian central Red Sea. Marine Ecology - Progress Series, 2020, 653, 91-103.	0.9	1
63	Wolves in sheepâ€™s clothing: three new cases of aggressive mimicry in Red Sea coral reef fishes. Journal of Natural History, 2020, 54, 1019-1023.	0.2	0
64	Diagnostic nuclear markers for hybrid Nemos in Kimbe Bay, PNG-Amphiprion chrysopterus x Amphiprion sandaracinos hybrids. Marine Biodiversity, 2019, 49, 1261-1269.	0.3	5
65	Global spatial risk assessment of sharks under the footprint of fisheries. Nature, 2019, 572, 461-466.	13.7	254
66	Socialâ€“environmental drivers inform strategic management of coral reefs in the Anthropocene. Nature Ecology and Evolution, 2019, 3, 1341-1350.	3.4	175
67	Environmental latitudinal gradients and hostâ€specificity shape Symbiodiniaceae distribution in Red Sea Porites corals. Journal of Biogeography, 2019, 46, 2323-2335.	1.4	39
68	RADseq analyses reveal concordant Indian Ocean biogeographic and phylogeographic boundaries in the reef fishDascyllus trimaculatus. Royal Society Open Science, 2019, 6, 172413.	1.1	11
69	Consequences of marine barriers for genetic diversity of the coralâ€specialist yellowbar angelfish from the Northwestern Indian Ocean. Ecology and Evolution, 2019, 9, 11215-11226.	0.8	19
70	Conspicuous and cryptic reef fishes from a unique and economically important region in the northern Red Sea. PLoS ONE, 2019, 14, e0223365.	1.1	14
71	Morphology and molecules reveal two new species ofPorites(Scleractinia, Poritidae) from the Red Sea and the Gulf of Aden. Systematics and Biodiversity, 2019, 17, 491-508.	0.5	12
72	Multi-method assessment of whale shark (Rhincodon typus) residency, distribution, and dispersal behavior at an aggregation site in the Red Sea. PLoS ONE, 2019, 14, e0222285.	1.1	50

#	Article	IF	Citations
73	An examination of introgression and incomplete lineage sorting among three closely related species of chocolateâ€dipped damselfish (genus: Chromis). Ecology and Evolution, 2019, 9, 5468-5478.	0.8	11
74	Phylogenetic relationships among the clownfish-hosting sea anemones. Molecular Phylogenetics and Evolution, 2019, 139, 106526.	1.2	33
75	Sponges of the Red Sea. Coral Reefs of the World, 2019, , 91-122.	0.3	3
76	Corals of the Red Sea. Coral Reefs of the World, 2019, , 123-155.	0.3	14
77	The Red Sea: Environmental Gradients Shape a Natural Laboratory in a Nascent Ocean. Coral Reefs of the World, 2019, , 1-10.	0.3	32
78	Beyond the visual: using metabarcoding to characterize the hidden reef cryptobiome. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182697.	1.2	44
79	Fishes and Connectivity of Red Sea Coral Reefs. Coral Reefs of the World, 2019, , 157-179.	0.3	12
80	Dose-dependence and small-scale variability in responses to ocean acidification during squid, Doryteuthis pealeii, development. Marine Biology, 2019, 166, 1.	0.7	11
81	â€˜Homemadeâ€™: the phenotypic diversity of coral reef damselfish populations is driven by the local environment. Biological Journal of the Linnean Society, 2019, 127, 361-376.	0.7	3
82	Feeding and respiration by giant barrel sponges across a gradient of food abundance in the Red Sea. Limnology and Oceanography, 2019, 64, 1790-1801.	1.6	31
83	Hyperdiverse Macrofauna Communities Associated with a Common Sponge, Stylissa carteri, Shift across Ecological Gradients in the Central Red Sea. Diversity, 2019, 11, 18.	0.7	8
84	Extraâ€pair mating in a socially monogamous and paternal mouthâ€brooding cardinalfish. Molecular Ecology, 2019, 28, 2625-2635.	2.0	6
85	Finding Nemoâ€™s Genes: A chromosomeâ€scale reference assembly of the genome of the orange clownfish Amphiprion percula. Molecular Ecology Resources, 2019, 19, 570-585.	2.2	55
86	Molecular confirmation of hybridization between Dascyllus reticulatus Ã— Dascyllus aruanus from the Great Barrier Reef. Marine Biodiversity, 2019, 49, 395-404.	0.3	9
87	Uncovering hidden coral diversity: a new cryptic lobophylliid scleractinian from the Indian Ocean. Cladistics, 2019, 35, 301-328.	1.5	25
88	Spatial patterns of cryptobenthic coral-reef fishes in the Red Sea. Coral Reefs, 2018, 37, 193-199.	0.9	21
89	Convergence of marine megafauna movement patterns in coastal and open oceans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3072-3077.	3.3	103
90	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. Science, 2018, 359, 80-83.	6.0	1,515

#	Article	IF	Citations
91	Microplastic in the gastrointestinal tract of fishes along the Saudi Arabian Red Sea coast. Marine Pollution Bulletin, 2018, 131, 407-415.	2.3	185
92	Global species delimitation and phylogeography of the circumtropical â€˜sexy shrimpâ€™ Thor amboinensis reveals a cryptic species complex and secondary contact in the Indoâ€West Pacific. Journal of Biogeography, 2018, 45, 1275-1287.	1.4	14
93	Acoustic backscatter at a Red Sea whale shark aggregation site. Regional Studies in Marine Science, 2018, 20, 23-33.	0.4	3
94	Using ezRAD to reconstruct the complete mitochondrial genome of Porites fontanesii (Cnidaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.2	12
95	Remote marine protected area reveals unusual social behaviour in Chaetodon trifascialis. Marine Biodiversity, 2018, 48, 155-156.	0.3	0
96	Development and characterization of new polymorphic microsatellite markers in four sea anemones: Entacmaea quadricolor, Heteractis magnifica, Stichodactyla gigantea, and Stichodactyla mertensii. Marine Biodiversity, 2018, 48, 1283-1290.	0.3	2
97	Draft genome of an iconic Red Sea reef fish, the blacktail butterflyfish (Chaetodon austriacus): current status and its characteristics. Molecular Ecology Resources, 2018, 18, 347-355.	2.2	11
98	New distribution records of the gall crab Opecarcinus cathyae van der Meij, 2014 (Decapoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.3	2
99	A new species of Arachnanthus from the Red Sea (Cnidaria, Ceriantharia). ZooKeys, 2018, 748, 1-10.	0.5	4
100	Polyphyly of the genus Zanclea and family Zancleidae (Hydrozoa, Capitata) revealed by the integrative analysis of two bryozoan-associated species. Contributions To Zoology, 2018, 87, 87-104.	0.2	15
101	Contrasting population genetic structure in three aggregating groupers (Percoidei: Epinephelidae) in the Indo-West Pacific: the importance of reproductive mode. BMC Evolutionary Biology, 2018, 18, 180.	3.2	15
102	Ice ages and butterflyfishes: Phylogenomics elucidates the ecological and evolutionary history of reef fishes in an endemism hotspot. Ecology and Evolution, 2018, 8, 10989-11008.	0.8	8
103	An integrated morpho-molecular approach to delineate species boundaries of Millepora from the Red Sea. Coral Reefs, 2018, 37, 967-984.	0.9	26
104	Morphological and genetic divergence between Mediterranean and Caribbean populations of Madracis pharensis (Heller 1868) (Scleractinia, Pocilloporidae): too much for one species?. Zootaxa, 2018, 4471, 473-492.	0.2	5
105	Cross-shelf investigation of coral reef cryptic benthic organisms reveals diversity patterns of the hidden majority. Scientific Reports, 2018, 8, 8090.	1.6	58
106	Species delineation and hybrid identification using diagnostic nuclear markers for Plectropomus leopardus and Plectropomus maculatus. Fisheries Research, 2018, 206, 287-291.	0.9	6
107	The complete mitochondrial genome of Porites harrisoni (Cnidaria: Scleractinia) obtained using next-generation sequencing. Mitochondrial DNA Part B: Resources, 2018, 3, 286-287.	0.2	10
108	Microbiomes of gall-inducing copepod crustaceans from the corals Stylophora pistillata (Scleractinia) and Gorgonia ventalina (Alcyonacea). Scientific Reports, 2018, 8, 11563.	1.6	13

#	Article	IF	Citations
109	Lack of host specificity of copepod crustaceans associated with mushroom corals in the Red Sea. Molecular Phylogenetics and Evolution, 2018, 127, 770-780.	1.2	15
110	In situ observations of coral bleaching in the central Saudi Arabian Red Sea during the 2015/2016 global coral bleaching event. PLoS ONE, 2018, 13, e0195814.	1.1	82
111	Comparison of cryptobenthic reef fish communities among microhabitats in the Red Sea. PeerJ, 2018, 6, e5014.	0.9	14
112	On the paraphyly of Cytaeididae and placement of Cytaeis within the suborder Filifera (Hydrozoa:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	4
113	Genetic diversity of the Acropora-associated hydrozoans: new insight from the Red Sea. Marine Biodiversity, 2017, 47, 1045-1055.	0.3	19
114	Comparative phylogeography of reef fishes from the Gulf of Aden to the Arabian Sea reveals two cryptic lineages. Coral Reefs, 2017, 36, 625-638.	0.9	19
115	Reef fish communities in the central Red Sea show evidence of asymmetrical fishing pressure. Marine Biodiversity, 2017, 47, 1227-1238.	0.3	31
116	Using a butterflyfish genome as a general tool for <scp>RAD</scp>â€Seq studies in specialized reef fish. Molecular Ecology Resources, 2017, 17, 1330-1341.	2.2	6
117	Hybridization between damselfishes Dascyllus aruanus and D. reticulatus on the Great Barrier Reef. Coral Reefs, 2017, 36, 717-717.	0.9	3
118	Zooxanthellate zoantharians (Anthozoa: Hexacorallia: Zoantharia: Brachycnemina) in the northern Red Sea. Marine Biodiversity, 2017, 47, 1079-1091.	0.3	10
119	Larval fish dispersal in a coral-reef seascape. Nature Ecology and Evolution, 2017, 1, 148.	3.4	101
120	Cyphastrea (Cnidaria : Scleractinia : Merulinidae) in the Red Sea: phylogeny and a new reef coral species. Invertebrate Systematics, 2017, 31, 141.	0.5	18
121	Exploring the genetic diversity of shallow-water Agariciidae (Cnidaria: Anthozoa) from the Saudi Arabian Red Sea. Marine Biodiversity, 2017, 47, 1065-1078.	0.3	17
122	Genetic diversity of giant clams (Tridacna spp.) and their associated Symbiodinium in the central Red Sea. Marine Biodiversity, 2017, 47, 1209-1222.	0.3	20
123	Reef-fish larval dispersal patterns validate no-take marine reserve network connectivity that links human communities. Coral Reefs, 2017, 36, 791-801.	0.9	30
124	Calcinea of the Red Sea: providing a DNA barcode inventory with description of four new species. Marine Biodiversity, 2017, 47, 1009-1034.	0.3	18
125	Marine Dispersal Scales Are Congruent over Evolutionary and Ecological Time. Current Biology, 2017, 27, 149-154.	1.8	45
126	Widespread hybridization and bidirectional introgression in sympatric species of coral reef fish. Molecular Ecology, 2017, 26, 5692-5704.	2.0	27

#	Article	IF	Citations
127	Genomic diversification of giant enteric symbionts reflects host dietary lifestyles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7592-E7601.	3.3	64
128	Rapid adaptive responses to climate change in corals. Nature Climate Change, 2017, 7, 627-636.	8.1	327
129	The prevalence of benthic dinoflagellates associated with ciguatera fish poisoning in the central Red Sea. Harmful Algae, 2017, 68, 206-216.	2.2	23
130	Comparative population genetic structure of redbelly tilapia (Coptodon zillii (Gervais, 1848)) from three different aquatic habitats in Egypt. Ecology and Evolution, 2017, 7, 11092-11099.	0.8	15
131	Introduction to virtual issue on Red Sea and Western Indian Ocean biogeography. Journal of Biogeography, 2017, 44, 1923-1926.	1.4	8
132	Latitudinal variation in the symbiotic dinoflagellate Symbiodinium of the common reef zoantharian Palythoa tuberculosa on the Saudi Arabian coast of the Red Sea. Journal of Biogeography, 2017, 44, 661-673.	1.4	50
133	Corals hosting symbiotic hydrozoans are less susceptible to predation and disease. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172405.	1.2	36
134	Undersea Constellations: The Global Biology of an Endangered Marine Megavertebrate Further Informed through Citizen Science. BioScience, 2017, 67, 1029-1043.	2.2	85
135	Assessing the utility of eDNA as a tool to survey reef-fish communities in the Red Sea. Coral Reefs, 2017, 36, 1245-1252.	0.9	84
136	Microsatellites Reveal Genetic Homogeneity among Outbreak Populations of Crown-of-Thorns Starfish (Acanthaster cf. solaris) on Australiaâ€™s Great Barrier Reef. Diversity, 2017, 9, 16.	0.7	23
137	Habitat Use and Spatial Variability of Hawkfishes with a Focus on Colour Polymorphism in Paracirrhites forsteri. PLoS ONE, 2017, 12, e0169079.	1.1	2
138	Extensive use of mesopelagic waters by a Scalloped hammerhead shark (Sphyrna lewini) in the Red Sea. Animal Biotelemetry, 2017, 5, .	0.8	23
139	Astrocoryne cabela, gen. nov. et sp. nov. (Hydrozoa : Sphaerocorynidae), a new sponge-associated hydrozoan. Invertebrate Systematics, 2017, 31, 734.	0.5	14
140	Exploring the larval fish community of the central Red Sea with an integrated morphological and molecular approach. PLoS ONE, 2017, 12, e0182503.	1.1	28
141	Spatial variation in coral reef fish and benthic communities in the central Saudi Arabian Red Sea. PeerJ, 2017, 5, e3410.	0.9	27
142	When forms meet genes: revision of the scleractinian genera Micromussa and Homophyllia (Lobophylliidae) with a description of two new species and one new genus. Contributions To Zoology, 2016, 85, 387-422.	0.2	27
143	Spawning of coral reef invertebrates and a second spawning season for scleractinian corals in the central Red Sea. Invertebrate Biology, 2016, 135, 273-284.	0.3	11
144	The role of marine reserves in the replenishment of a locally impacted population of anemonefish on the Great Barrier Reef. Molecular Ecology, 2016, 25, 487-499.	2.0	14

#	Article	IF	Citations
145	A bridge too far: dispersal barriers and cryptic speciation in an Arabian Peninsula grouper (Cephalopholis hemistiktos). Journal of Biogeography, 2016, 43, 820-832.	1.4	24
146	Phylogeography of Indoâ€Pacific reef fishes: sister wrasses Coris gaimard and C. cuvieri in the Red Sea, Indian Ocean and Pacific Ocean. Journal of Biogeography, 2016, 43, 1103-1115.	1.4	27
147	Recent origin and semi-permeable species boundaries in the scleractinian coral genus Stylophora from the Red Sea. Scientific Reports, 2016, 6, 34612.	1.6	28
148	Regal phylogeography: Range-wide survey of the marine angelfish Pygoplites diacanthus reveals evolutionary partitions between the Red Sea, Indian Ocean, and Pacific Ocean. Molecular Phylogenetics and Evolution, 2016, 100, 243-253.	1.2	22
149	Restricted grouper reproductive migrations support community-based management. Royal Society Open Science, 2016, 3, 150694.	1.1	11
150	Surgeons and suture zones: Hybridization among four surgeonfish species in the Indo-Pacific with variable evolutionary outcomes. Molecular Phylogenetics and Evolution, 2016, 101, 203-215.	1.2	29
151	Coral mass spawning predicted by rapid seasonal rise in ocean temperature. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160011.	1.2	78
152	Genetic tools link long-term demographic and life-history traits of anemonefish to their anemone hosts. Coral Reefs, 2016, 35, 1127-1138.	0.9	5
153	Molecular signatures of transgenerational response to ocean acidification in a species of reefÂfish. Nature Climate Change, 2016, 6, 1014-1018.	8.1	103
154	Hybridisation among groupers (genus Cephalopholis) at the eastern Indian Ocean suture zone: taxonomic and evolutionary implications. Coral Reefs, 2016, 35, 1157-1169.	0.9	12
155	Species delimitation in the reef coral genera Echinophyllia and Oxypora (Scleractinia, Lobophylliidae) with a description of two new species. Molecular Phylogenetics and Evolution, 2016, 105, 146-159.	1.2	44
156	Seascape and life-history traits do not predict self-recruitment in a coral reef fish. Biology Letters, 2016, 12, 20160309.	1.0	12
157	First genealogy for a wild marine fish population reveals multigenerational philopatry. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13245-13250.	3.3	37
158	Population structure of a whale shark Rhincodon typus aggregation in the Red Sea. Journal of Fish Biology, 2016, 89, 1570-1582.	0.7	32
159	Largeâ€scale, multidirectional larval connectivity among coral reef fish populations in the Great Barrier Reef Marine Park. Molecular Ecology, 2016, 25, 6039-6054.	2.0	79
160	Phylogeography, population structure and evolution of coralâ€eating butterflyfishes (Family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T Biogeography, 2016, 43, 1116-1129.	1.4	35
161	Species delimitation in the coral genus Goniopora (Scleractinia, Poritidae) from the Saudi Arabian Red Sea. Molecular Phylogenetics and Evolution, 2016, 102, 278-294.	1.2	26
162	Hologenome analysis of two marine sponges with different microbiomes. BMC Genomics, 2016, 17, 158.	1.2	60

#	Article	IF	Citations
163	Ongoing decline of shark populations in the Eastern Red Sea. Biological Conservation, 2016, 201, 20-28.	1.9	40
164	Christmas tree worms evade smothering by a coral-killing sponge in the Red Sea. Marine Biodiversity, 2016, 46, 15-16.	0.3	12
165	Molecular biodiversity of Red Sea demosponges. Marine Pollution Bulletin, 2016, 105, 507-514.	2.3	41
166	Homogeneity of coral reef communities across 8 degrees of latitude in the Saudi Arabian Red Sea. Marine Pollution Bulletin, 2016, 105, 558-565.	2.3	38
167	On the origin of endemic species in the Red Sea. Journal of Biogeography, 2016, 43, 13-30.	1.4	133
168	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. Journal of Biogeography, 2016, 43, 423-439.	1.4	150
169	Genetic connectivity and self-replenishment of inshore and offshore populations of the endemic anemonefish, Amphiprion latezonatus. Coral Reefs, 2016, 35, 959-970.	0.9	7
170	Productivity and sea surface temperature are correlated with the pelagic larval duration of damselfishes in the Red Sea. Marine Pollution Bulletin, 2016, 105, 566-574.	2.3	22
171	Tracing carbon flow through coral reef food webs using a compound-specific stable isotope approach. Oecologia, 2016, 180, 809-821.	0.9	123
172	Regional variation in the structure and function of parrotfishes on Arabian reefs. Marine Pollution Bulletin, 2016, 105, 524-531.	2.3	16
173	Colony size-frequency distribution of pocilloporid juvenile corals along a natural environmental gradient in the Red Sea. Marine Pollution Bulletin, 2016, 105, 546-552.	2.3	5
174	Characterization and cross-amplification of microsatellite markers in four species of anemonefish (Pomacentridae, Amphiprion spp.). Marine Biodiversity, 2016, 46, 135-140.	0.3	4
175	Green Fluorescence of Cytaeis Hydroids Living in Association with Nassarius Gastropods in the Red Sea. PLoS ONE, 2016, 11, e0146861.	1.1	8
176	Exploring seascape genetics and kinship in the reef sponge S tylissa carteri in the R ed S ea. Ecology and Evolution, 2015, 5, 2487-2502.	0.8	64
177	Population genetics of four heavily exploited shark species around the Arabian Peninsula. Ecology and Evolution, 2015, 5, 2317-2332.	0.8	28
178	Development of polymorphic microsatellite loci for conservation genetic studies of the coral reef fish Centropyge bicolor. Journal of Fish Biology, 2015, 87, 748-753.	0.7	1
179	Seascape genetics along environmental gradients in the Arabian Peninsula: insights from ddRAD sequencing of anemonefishes. Molecular Ecology, 2015, 24, 6241-6255.	2.0	65
180	Blinded by the bright: a lack of congruence between colour morphs, phylogeography and taxonomy for a cosmopolitan Indoâ€Pacific butterflyfish, Chaetodon auriga. Journal of Biogeography, 2015, 42, 1919-1929.	1.4	28

#	Article	IF	Citations
181	A new species of Fizesereneia Takeda & Tamura, 1980 (Crustacea: Brachyura: Cryptochiridae) from the Red Sea and Oman. Zootaxa, 2015, 3931, 585.	0.2	13
182	Not finding Nemo: limited reef-scale retention in a coral reef fish. Coral Reefs, 2015, 34, 383-392.	0.9	41
183	Whale sharks target dense prey patches of sergestid shrimp off Tanzania. Journal of Plankton Research, 2015, 37, 352-362.	0.8	82
184	Coral reef fish populations can persist without immigration. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151311.	1.2	15
185	Multi-species spawning synchrony within scleractinian coral assemblages in the Red Sea. Coral Reefs, 2015, 34, 65-77.	0.9	38
186	Forgotten in the taxonomic literature: resurrection of the scleractinian coral genusSclerophyllia(Scleractinia, Lobophylliidae) from the Arabian Peninsula and its phylogenetic relationships. Systematics and Biodiversity, 2015, 13, 140-163.	0.5	23
187	Phytoplankton phenology indices in coral reef ecosystems: Application to ocean-color observations in the Red Sea. Remote Sensing of Environment, 2015, 160, 222-234.	4.6	90
188	Characterization of 11 novel microsatellite markers for the vagabond butterflyfish, Chaetodon vagabundus. Conservation Genetics Resources, 2015, 7, 713-714.	0.4	1
189	Molecular processes of transgenerational acclimation to a warming ocean. Nature Climate Change, 2015, 5, 1074-1078.	8.1	128
190	Cyphastrea kausti sp. n. (Cnidaria, Anthozoa, Scleractinia), a new species of reef coral from the Red Sea. ZooKeys, 2015, 496, 1-13.	0.5	11
191	When biogeographical provinces collide: hybridization of reef fishes at the crossroads of marine biogeographical provinces in the Arabian Sea. Journal of Biogeography, 2015, 42, 1601-1614.	1.4	74
192	Characterization of 22 microsatellite loci for conservation genetic studies of an endemic anemonefish, Amphiprion latezonatus. Conservation Genetics Resources, 2015, 7, 95-97.	0.4	3
193	Microsatellite multiplex assay for the coral-eating crown-of-thorns starfish, Acanthaster cf. planci. Conservation Genetics Resources, 2015, 7, 627-630.	0.4	1
194	Acoustic telemetry reveals cryptic residency of whale sharks. Biology Letters, 2015, 11, 20150092.	1.0	62
195	New records of Lobatolampea tetragona (Ctenophora: Lobata: Lobatolampeidae) from the Red Sea. Marine Biodiversity Records, 2015, 8, .	1.2	1
196	Resolving genealogical relationships in the Pyjama cardinalfish, Sphaeramia nematoptera (Apogonidae) with 23 novel microsatellite markers. Conservation Genetics Resources, 2015, 7, 623-626.	0.4	5
197	Movements of the reef manta ray (Manta alfredi) in the Red Sea using satellite and acoustic telemetry. Marine Biology, 2015, 162, 2351-2362.	0.7	81
198	Population connectivity and the effectiveness of marine protected areas to protect vulnerable, exploited and endemic coral reef fishes at an endemic hotspot. Coral Reefs, 2015, 34, 393-402.	0.9	11

#	Article	IF	Citations
199	Isolation and characterization of 29 microsatellite markers for the bumphead parrotfish, Bolbometopon muricatum, and cross amplification in 12 related species. Marine Biodiversity, 2015, 45, 861-866.	0.3	3
200	Fish market surveys indicate unsustainable elasmobranch fisheries in the Saudi Arabian Red Sea. Fisheries Research, 2015, 161, 356-364.	0.9	82
201	High reproductive synchrony of Acropora (Anthozoa: Scleractinia) in the Gulf of Aqaba, Red Sea. F1000Research, 2015, 4, 2.	0.8	7
202	Reef-Fidelity and Migration of Tiger Sharks, Galeocerdo cuvier, across the Coral Sea. PLoS ONE, 2014, 9, e83249.	1.1	90
203	Movement Patterns of Juvenile Whale Sharks Tagged at an Aggregation Site in the Red Sea. PLoS ONE, 2014, 9, e103536.	1.1	58
204	Isolation and characterization of polymorphic microsatellite loci for Siphamia tubifer Weber (Perciformes: Apogonidae). Conservation Genetics Resources, 2014, 6, 1031-1034.	0.4	0
205	Extreme diving behaviour in devil rays links surface waters and the deep ocean. Nature Communications, 2014, 5, 4274.	5.8	94
206	Pachyseris inattesa sp. n. (Cnidaria, Anthozoa, Scleractinia): a new reef coral species from theÂRedÂSea and its phylogenetic relationships. ZooKeys, 2014, 433, 1-30.	0.5	33
207	Environmental gradients predict the genetic population structure of a coral reef fish in the <scp>R</scp>ed <scp>S</scp>ea. Molecular Ecology, 2014, 23, 591-602.	2.0	91
208	Validation of microsatellite multiplexes for parentage analysis and species discrimination in two hybridizing species of coral reef fish (<scp>P</scp>lectropomus spp., <scp>S</scp>erranidae). Ecology and Evolution, 2014, 4, 2046-2057.	0.8	26
209	Genetic structure of populations of whale sharks among ocean basins and evidence for their historic rise and recent decline. Molecular Ecology, 2014, 23, 2590-2601.	2.0	89
210	Specimen collection: An essential tool. Science, 2014, 344, 814-815.	6.0	169
211	First record of living Manta alfrediâ€‰Ã—â€‰Manta birostris hybrid. Marine Biodiversity, 2014, 44, 1-2.	0.3	28
212	Towards a phylogenetic classification of reef corals: the <scp>I</scp>ndoâ€<scp>P</scp>acific genera <scp>M</scp>erulina,<scp>G</scp>oniastrea and <scp>S</scp>capophyllia (<scp>S</scp>cleractinia, <scp>M</scp>erulinidae). Zoologica Scripta, 2014, 43, 531-548.	0.7	62
213	An acoustic system for autonomous navigation and tracking of marine fauna. , 2014, , .		1
214	First report of tubular corallites on Stylophora caused by a symbiotic copepod crustacean. Coral Reefs, 2014, 33, 637-637.	0.9	9
215	Validation of microsatellite multiplexes for parentage analysis in a coral reef fish (Lutjanus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.4	2
216	The role of individual variation in marine larval dispersal. Frontiers in Marine Science, 2014, 1, .	1.2	31

#	Article	IF	Citations
217	Diving Behavior of the Reef Manta Ray Links Coral Reefs with Adjacent Deep Pelagic Habitats. PLoS ONE, 2014, 9, e88170.	1.1	80
218	Identification of seventeen microsatellite loci for conservation genetic studies of the endemic wrasse Coris bulbifrons. Conservation Genetics Resources, 2013, 5, 363-366.	0.4	3
219	Development of 35 novel microsatellite markers for the two-band anemonefish Amphiprion bicinctus. Conservation Genetics Resources, 2013, 5, 515-518.	0.4	5
220	Characterization of new microsatellite loci for population genetic studies in the Smooth Cauliflower Coral (Stylophora sp.). Conservation Genetics Resources, 2013, 5, 561-563.	0.4	5
221	A taxonomic survey of Saudi Arabian Red Sea octocorals (Cnidaria: Alcyonacea). Marine Biodiversity, 2013, 43, 279-291.	0.3	25
222	Novel polymorphic microsatellite markers developed for a common reef sponge, Stylissa carteri. Marine Biodiversity, 2013, 43, 237-241.	0.3	9
223	The status of coral reef ecology research in the Red Sea. Coral Reefs, 2013, 32, 737-748.	0.9	153
224	Topography and biological noise determine acoustic detectability on coral reefs. Coral Reefs, 2013, 32, 1123-1134.	0.9	45
225	On minimizing assignment errors and the tradeâ€off between false positives and negatives in parentage analysis. Molecular Ecology, 2013, 22, 5738-5742.	2.0	16
226	First biological measurements of deep-sea corals from the Red Sea. Scientific Reports, 2013, 3, 2802.	1.6	49
227	Susceptibility of central Red Sea corals during a major bleaching event. Coral Reefs, 2013, 32, 505-513.	0.9	102
228	Relative accuracy of three common methods of parentage analysis in natural populations. Molecular Ecology, 2013, 22, 1158-1170.	2.0	119
229	Evolution of microhabitat association and morphology in a diverse group of cryptobenthic coral reef fishes (Teleostei: Gobiidae: Eviota). Molecular Phylogenetics and Evolution, 2013, 66, 391-400.	1.2	57
230	Dispersal of Grouper Larvae Drives Local Resource Sharing in a Coral Reef Fishery. Current Biology, 2013, 23, 626-630.	1.8	150
231	The abundance of herbivorous fish on an inshore Red Sea reef following a mass coral bleaching event. Environmental Biology of Fishes, 2013, 96, 1065-1072.	0.4	21
232	After continents divide: comparative phylogeography of reef fishes from the <scp>R</scp>ed <scp>S</scp>ea and <scp>I</scp>ndian <scp>O</scp>cean. Journal of Biogeography, 2013, 40, 1170-1181.	1.4	110
233	Coral population trajectories, increased disturbance and management intervention: a sensitivity analysis. Ecology and Evolution, 2013, 3, 1050-1064.	0.8	62
234	First record of the blackfin coral goby, Paragobiodon lacunicolus (Kendall and Goldsborough,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	3

#	Article	IF	Citations
235	iSAT: The mega-fauna acoustic tracking system. , 2013, , .		1
236	Two spatial scales in a bleaching event: Corals from the mildest and the most extreme thermal environments escape mortality. Limnology and Oceanography, 2013, 58, 1531-1545.	1.6	67
237	Community Change within a Caribbean Coral Reef Marine Protected Area following Two Decades of Local Management. PLoS ONE, 2013, 8, e54069.	1.1	10
238	Taxonomic, Spatial and Temporal Patterns of Bleaching in Anemones Inhabited by Anemonefishes. PLoS ONE, 2013, 8, e70966.	1.1	53
239	Corallivorous Butterflyfishes as Ambassadors of Coral Reefs. , 2013, , 246-268.		1
240	Butterflyfishes as a Model Group for Reef Fish Ecology. , 2013, , 310-334.		3
241	Social Structures and Spawning Behavior of Chaetodon Butterflyfishes. , 2013, , 200-225.		11
242	Linking habitat mosaics and connectivity in a coral reef seascape. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15372-15376.	3.3	76
243	The integrated satellite-acoustic telemetry (iSAT) system for tracking marine megafauna. , 2012, , .		4
244	Persistence of selfâ€recruitment and patterns of larval connectivity in a marine protected area network. Ecology and Evolution, 2012, 2, 444-452.	0.8	131
245	A review of elasmobranch research in the Red Sea. Journal of Fish Biology, 2012, 80, 952-965.	0.7	31
246	The use of specialisation indices to predict vulnerability of coralâ€feeding butterflyfishes to environmental change. Oikos, 2012, 121, 191-200.	1.2	11
247	Larval Export from Marine Reserves and the Recruitment Benefit for Fish and Fisheries. Current Biology, 2012, 22, 1023-1028.	1.8	412
248	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2011 â€“ 30 November 2011. Molecular Ecology Resources, 2012, 12, 374-376.	2.2	69
249	Geographic variation in resource use by specialist versus generalist butterflyfishes. Ecography, 2012, 35, 566-576.	2.1	30
250	Differences in demographic traits of four butterflyfish species between two reefs of the Great Barrier Reef separated by 1,200Âkm. Coral Reefs, 2012, 31, 169-177.	0.9	23
251	First record of the Pigeye Shark, Carcharhinus amboinensis (MÃ¼ller & Henle, 1839) (Carcharhiniformes: Carcharhinidae), in the Red Sea. Zoology in the Middle East, 2011, 52, 118-121.	0.2	13
252	Recent disturbances augment community shifts in coral assemblages in Moorea, French Polynesia. Coral Reefs, 2011, 30, 183-193.	0.9	102

#	Article	IF	Citations
253	Relative gut lengths of coral reef butterflyfishes (Pisces: Chaetodontidae). Coral Reefs, 2011, 30, 1005-1010.	0.9	34
254	Synchronous spawning of Acropora in the Red Sea. Coral Reefs, 2011, 30, 1011-1011.	0.9	18
255	Carbon isotopes in otolith amino acids identify residency of juvenile snapper (Family: Lutjanidae) in coastal nurseries. Coral Reefs, 2011, 30, 1135-1145.	0.9	45
256	New records of corallivory in the Red Sea. Coral Reefs, 2010, 29, 727-727.	0.9	5
257	Otolith geochemistry does not reflect dispersal history of clownfish larvae. Coral Reefs, 2010, 29, 883-891.	0.9	31
258	Crucial knowledge gaps in current understanding of climate change impacts on coral reef fishes. Journal of Experimental Biology, 2010, 213, 894-900.	0.8	82
259	External tagging does not affect the feeding behavior of a coral reef fish, Chaetodon vagabundus (Pisces: Chaetodontidae). Environmental Biology of Fishes, 2009, 86, 447-450.	0.4	5
260	Climate change and coral reef connectivity. Coral Reefs, 2009, 28, 379-395.	0.9	242
261	Management under uncertainty: guide-lines for incorporating connectivity into the protection of coral reefs. Coral Reefs, 2009, 28, 353-366.	0.9	157
262	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009â€“31 July 2009. Molecular Ecology Resources, 2009, 9, 1460-1466.	2.2	128
263	Trade-offs associated with dietary specialization in corallivorous butterflyfishes (Chaetodontidae:) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	81
264	Habitat associations of juvenile versus adult butterflyfishes. Coral Reefs, 2008, 27, 541-551.	0.9	64
265	Relationships between butterflyfish (Chaetodontidae) feeding rates and coral consumption on the Great Barrier Reef. Coral Reefs, 2008, 27, 583-591.	0.9	34
266	Interspecific variation in distributions and diets of coral reef butterflyfishes (Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Ch	0.7	58
267	Local Replenishment of Coral Reef Fish Populations in a Marine Reserve. Science, 2007, 316, 742-744.	6.0	481
268	Recovery without resilience: persistent disturbance and long-term shifts in the structure of fish and coral communities at Tiahura Reef, Moorea. Coral Reefs, 2006, 25, 647-653.	0.9	201
269	The importance of juveniles in modelling growth: butterflyfish at Lizard Island. Environmental Biology of Fishes, 2005, 72, 409-413.	0.4	39
270	Within-reef differences in diet and body condition of coral-feeding butterflyfishes (Chaetodontidae). Marine Ecology - Progress Series, 2005, 287, 217-227.	0.9	112

#	Article	IF	Citations
271	?Sublethal effects of coral bleaching on an obligate coral feeding butterflyfish?. Coral Reefs, 2004, 23, 352-356.	0.9	148
272	A Unique Bellyful: Extraordinary Gut Microbes Help Herbivorous Fish Eat Seaweeds. Frontiers for Young Minds, 0, 8, .	0.8	0
273	ï»¿Novel in situ observations of asexual reproduction in the carpet sea anemone, Stichodactyla mertensii (Stichodactylidae, Actiniaria). ZooKeys, 0, 1103, 57-63.	0.5	2
274	Newly described nesting sites of the green sea turtle (Chelonia mydas) and the hawksbill sea turtle (Eretmochelys imbricata) in the central Red Sea. PeerJ, 0, 10, e13408.	0.9	2