

# Michael N Dawson

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

5,120  
citations

109321

35  
h-index

128289

60  
g-index

65  
all docs

65  
docs citations

65  
times ranked

6201  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Magnitude of Global Marine Species Diversity. <i>Current Biology</i> , 2012, 22, 2189-2202.	3.9	797
2	Ecological and evolutionary insights from species invasions. <i>Trends in Ecology and Evolution</i> , 2007, 22, 465-471.	8.7	774
3	The phylum Cnidaria: A review of phylogenetic patterns and diversity 300 years after Linnaeus. <i>Zootaxa</i> , 2007, 1668, 127-182.	0.5	348
4	Molecular Evidence for Cryptic Species of <i>Aurelia aurita</i> (Cnidaria, Scyphozoa). <i>Biological Bulletin</i> , 2001, 200, 92-96.	1.8	282
5	Questioning the Rise of Gelatinous Zooplankton in the World's Oceans. <i>BioScience</i> , 2012, 62, 160-169.	4.9	257
6	Global phylogeography of <i>Cassiopea</i> (Scyphozoa: Rhizostomeae): molecular evidence for cryptic species and multiple invasions of the Hawaiian Islands. <i>Marine Biology</i> , 2004, 145, 1119-1128.	1.5	199
7	Phylogeography in coastal marine animals: a solution from California?. <i>Journal of Biogeography</i> , 2001, 28, 723-736.	3.0	182
8	Coupled biophysical global ocean model and molecular genetic analyses identify multiple introductions of cryptogenic species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11968-11973.	7.1	168
9	The role of molecular genetics in sculpting the future of integrative biogeography. <i>Progress in Physical Geography</i> , 2008, 32, 173-202.	3.2	117
10	A review and synthesis on the systematics and evolution of jellyfish blooms: advantageous aggregations and adaptive assemblages. <i>Hydrobiologia</i> , 2009, 616, 161-191.	2.0	114
11	Incipient speciation of <i>Catostylus mosaicus</i> (Scyphozoa, Rhizostomeae, Catostylidae), comparative phylogeography and biogeography in south-east Australia. <i>Journal of Biogeography</i> , 2005, 32, 515-533.	3.0	111
12	Comparative phylogeography of sympatric sister species, <i>Clevelandia ios</i> and <i>Eucyclogobius newberryi</i> (Teleostei, Gobiidae), across the California Transition Zone. <i>Molecular Ecology</i> , 2002, 11, 1065-1075.	3.9	108
13	From The Cover: Rapid evolutionary radiation of marine zooplankton in peripheral environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9235-9240.	7.1	98
14	Evolutionary Relationships Among Scyphozoan Jellyfish Families Based on Complete Taxon Sampling and Phylogenetic Analyses of 18S and 28S Ribosomal DNA. <i>Integrative and Comparative Biology</i> , 2010, 50, 436-455.	2.0	71
15	Population genetic analysis of a recent range expansion: mechanisms regulating the poleward range limit in the volcano barnacle <i>Tetraclita rubescens</i> . <i>Molecular Ecology</i> , 2010, 19, 1585-1605.	3.9	70
16	A biophysical perspective on dispersal and the geography of evolution in marine and terrestrial systems. <i>Journal of the Royal Society Interface</i> , 2008, 5, 135-150.	3.4	65
17	<i>Cyanea capillata</i> is not a cosmopolitan jellyfish: morphological and molecular evidence for <i>C. annaskala</i> and <i>C. rosea</i> (Scyphozoa: Semaestomeae: Cyaneidae) in south-eastern Australia. <i>Invertebrate Systematics</i> , 2005, 19, 361.	1.3	64
18	A comparison of DNA extraction methods for high-throughput DNA analyses. <i>Molecular Ecology Resources</i> , 2017, 17, 721-729.	4.8	64

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19	PHYLOGEOGRAPHY OF THE TIDEWATER GOBY, <i>EUCYCLOGOBIUS NEWBERRYI</i> (TELEOSTEI, GOBIIDAE), IN COASTAL CALIFORNIA. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1167-1179.	2.3	61
20	Dispersal potential and population genetic structure in the marine intertidal of the eastern North Pacific. <i>Ecological Monographs</i> , 2014, 84, 435-456.	5.4	59
21	A character-based analysis of the evolution of jellyfish blooms: adaptation and exaptation. <i>Hydrobiologia</i> , 2009, 616, 193-215.	2.0	56
22	Parallel phylogeographic structure in ecologically similar sympatric sister taxa. <i>Molecular Ecology</i> , 2012, 21, 987-1004.	3.9	54
23	Identification of genetically and oceanographically distinct blooms of jellyfish. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120920.	3.4	54
24	Jellyfish blooms: <i>Crambionella orsini</i> (Scyphozoa: Rhizostomeae) in the Gulf of Oman, Iran, 2002–2003. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 477-483.	0.8	53
25	Species richness of jellyfishes (Scyphozoa : Discomedusae) in the Tropical Eastern Pacific: missed taxa, molecules, and morphology match in a biodiversity hotspot. <i>Invertebrate Systematics</i> , 2017, 31, 635.	1.3	53
26	Microbial community diversity, structure and assembly across oxygen gradients in meromictic marine lakes, Palau. <i>Environmental Microbiology</i> , 2016, 18, 4907-4919.	3.8	48
27	Compound-specific D/H ratios of the marine lakes of Palau as proxies for West Pacific Warm Pool hydrologic variability. <i>Quaternary Science Reviews</i> , 2011, 30, 921-933.	3.0	47
28	Geographic variation and behavioral evolution in marine plankton: the case of <i>Mastigias</i> (Scyphozoa). <i>Trends in Ecology and Evolution</i> , 2015, 30, 107-115.	1.5	46
29	research letter: Species richness, habitable volume, and species densities in freshwater, the sea, and on land. <i>Frontiers of Biogeography</i> , 2012, 4, .	1.8	46
30	Patterns of Mass Mortality among Rocky Shore Invertebrates across 100 km of Northeastern Pacific Coastline. <i>PLoS ONE</i> , 2015, 10, e0126280.	2.5	45
31	Natural experiments and meta-analyses in comparative phylogeography. <i>Journal of Biogeography</i> , 2014, 41, 52-65.	3.0	44
32	Five new subspecies of <i>Mastigias</i> (Scyphozoa: Rhizostomeae: Mastigiidae) from marine lakes, Palau, Micronesia. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 679-694.	0.8	43
33	Unmasking <i>Aurelia</i> species in the Mediterranean Sea: an integrative morphometric and molecular approach. <i>Zoological Journal of the Linnean Society</i> , 2016, , .	2.3	43
34	Island and island-like marine environments. <i>Global Ecology and Biogeography</i> , 2016, 25, 831-846.	5.8	42
35	New Family of Allomorphic Jellyfishes, Drymonematidae (Scyphozoa, Discomedusae), Emphasizes Evolution in the Functional Morphology and Trophic Ecology of Gelatinous Zooplankton. <i>Biological Bulletin</i> , 2010, 219, 249-267.	1.8	41
36	Decimation by sea star wasting disease and rapid genetic change in a keystone species, <i>Pisaster ochraceus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7069-7074.	7.1	37

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37	Phylogeography of <i>Emerita analoga</i> (Crustacea, Decapoda, Hippidae), an eastern Pacific Ocean sand crab with long-lived pelagic larvae. <i>Journal of Biogeography</i> , 2011, 38, 1600-1612.	3.0	34
38	Population-level perspectives on global change: genetic and demographic analyses indicate various scales, timing, and causes of scyphozoan jellyfish blooms. <i>Biological Invasions</i> , 2015, 17, 851-867.	2.4	34
39	What Are Jellyfishes and Thaliaceans and Why Do They Bloom?. , 2014, , 9-44.		33
40	Review of the diversity, traits, and ecology of zooxanthellate jellyfishes. <i>Marine Biology</i> , 2019, 166, 1.	1.5	32
41	Morphological variation and systematics in the Scyphozoa: <i>Mastigias</i> (Rhizostomeae, Mastigiidae) â€“ a golden unstandard?. <i>Hydrobiologia</i> , 2005, 537, 185-206.	2.0	30
42	An initial comparative genomic autopsy of wasting disease in sea stars. <i>Molecular Ecology</i> , 2020, 29, 1087-1102.	3.9	22
43	Marine lake ecosystem dynamics illustrate ENSO variation in the tropical western Pacific. <i>Biology Letters</i> , 2006, 2, 144-147.	2.3	21
44	Morphologic and molecular redescription of <i>Catostylus mosaicus conservativus</i> (Scyphozoa: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 of the United Kingdom, 2005, 85, 723-731.	0.8	20
45	Renaissance taxonomy: integrative evolutionary analyses in the classification of Scyphozoa. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 733-739.	0.8	20
46	Integrative taxonomy: ghosts of past, present and future. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1237-1246.	0.8	17
47	An horizon scan of biogeography. <i>Frontiers of Biogeography</i> , 2013, 5, .	1.8	15
48	Correlates of population genetic differentiation in marine and terrestrial environments. <i>Journal of Biogeography</i> , 2018, 45, 2427-2441.	3.0	14
49	Redescription of <i>Mastigias papua</i> (Scyphozoa, Rhizostomeae) with designation of a neotype and recognition of two additional species. <i>Zootaxa</i> , 2018, 4457, 520-536.	0.5	13
50	Microbes and macro-invertebrates show parallel $\hat{\alpha}^2$ -diversity but contrasting $\hat{\alpha}^1$ -diversity patterns in a marine natural experiment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190999.	2.6	7
51	research letter: Species richness, habitable volume, and species densities in freshwater, the sea, and on land. <i>Frontiers of Biogeography</i> , 2012, 4, .	1.8	6
52	Biogeography and complex traits: dispersal syndromes, in the sea. <i>Frontiers of Biogeography</i> , 2014, 6, .	1.8	5
53	Expansion of an introduced sea anemone population, and its associations with native species in a tropical marine lake (Jellyfish Lake, Palau). <i>Frontiers of Biogeography</i> , 2019, 11, .	1.8	4
54	Women in biogeography. <i>Journal of Biogeography</i> , 2021, 48, 2117-2120.	3.0	4

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55	A New Species of Epibulus (Perciformes: Labridae) from the West Pacific. <i>Copeia</i> , 2008, 2008, 476-483.	1.3	3
56	A second horizon scan of biogeography: Golden Ages, Midas touches, and the Red Queen. <i>Frontiers of Biogeography</i> , 2016, 8, .	1.8	3
57	An horizon scan of biogeography. <i>Frontiers of Biogeography</i> , 2013, 5, .	1.8	3
58	Phylogeography and Conservation Biogeography of the Humphead Wrasse, <i>Cheilinus undulatus</i> . <i>Frontiers of Biogeography</i> , 2019, 11, .	1.8	2
59	Biogeography and complex traits: dispersal syndromes, in the sea. <i>Frontiers of Biogeography</i> , 2014, 6, .	1.8	1
60	Demographic, Environmental, and Phenotypic Change but Genetic Consistency in the Jellyfish <i>Mastigias papua</i> . <i>Biological Bulletin</i> , 2020, 239, 80-94.	1.8	1
61	A character-based analysis of the evolution of jellyfish blooms: adaptation and exaptation. , 2008, , 193-215.		1
62	A review and synthesis on the systematics and evolution of jellyfish blooms: advantageous aggregations and adaptive assemblages. , 2008, , 161-191.		0
63	perspective: Trans-realm biogeography: an immergent interface. <i>Frontiers of Biogeography</i> , 2012, 1, .	1.8	0