

# Christine Dudgeon

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,505  
citations

361413

20  
h-index

345221

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1903  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the application of molecular genetics for fisheries management and conservation of sharks and rays. <i>Journal of Fish Biology</i> , 2012, 80, 1789-1843.	1.6	190
2	Size and structure of a photographically identified population of manta rays <i>Manta alfredi</i> in southern Mozambique. <i>Marine Biology</i> , 2011, 158, 1111-1124.	1.5	130
3	Evidence for Sympatric Speciation by Host Shift in the Sea. <i>Current Biology</i> , 2004, 14, 1498-1504.	3.9	117
4	Research Priorities to Support Effective Manta and Devil Ray Conservation. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	116
5	Integrating research using animal-borne telemetry with the needs of conservation management. <i>Journal of Applied Ecology</i> , 2017, 54, 423-429.	4.0	106
6	IUCN classification zones concord with, but underestimate, the population genetic structure of the zebra shark <i>Stegostoma fasciatum</i> in the Indo-West Pacific. <i>Molecular Ecology</i> , 2009, 18, 248-261.	3.9	74
7	Population dynamics of the reef manta ray <i>Manta alfredi</i> in eastern Australia. <i>Coral Reefs</i> , 2014, 33, 329-342.	2.2	70
8	Contrasting patterns of genetic structure in two species of the coral trout <i>Plectropomus</i> (Serranidae) from east and west Australia: Introgressive hybridisation or ancestral polymorphisms. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 420-435.	2.7	65
9	Abundance and demography of a seasonal aggregation of zebra sharks <i>Stegostoma fasciatum</i> . <i>Marine Ecology - Progress Series</i> , 2008, 368, 269-281.	1.9	63
10	Integrating acoustic telemetry into mark-recapture models to improve the precision of apparent survival and abundance estimates. <i>Oecologia</i> , 2015, 178, 761-772.	2.0	59
11	No apparent genetic basis to demographic differences in scarid fishes across continental shelf of the Great Barrier Reef. <i>Marine Biology</i> , 2000, 137, 1059-1066.	1.5	51
12	Seasonality and site fidelity of the zebra shark, <i>Stegostoma fasciatum</i> , in southeast Queensland, Australia. <i>Animal Behaviour</i> , 2013, 85, 471-481.	1.9	44
13	Photographic identification and citizen science combine to reveal long distance movements of individual reef manta rays <i>Mobula alfredi</i> along Australia's east coast. <i>Marine Biodiversity Records</i> , 2019, 12, .	1.2	35
14	The relationship between abundance and genetic effective population size in elasmobranchs: an example from the globally threatened zebra shark <i>Stegostoma fasciatum</i> within its protected range. <i>Conservation Genetics</i> , 2015, 16, 1443-1454.	1.5	33
15	Strong population structure deduced from genetics, otolith chemistry and parasite abundances explains vulnerability to localized fishery collapse in a large Sciaenid fish, <i>Protonibea diacanthus</i> . <i>Evolutionary Applications</i> , 2017, 10, 978-993.	3.1	33
16	A Citizen Science Approach: A Detailed Ecological Assessment of Subtropical Reefs at Point Lookout, Australia. <i>PLoS ONE</i> , 2016, 11, e0163407.	2.5	32
17	Switch from sexual to parthenogenetic reproduction in a zebra shark. <i>Scientific Reports</i> , 2017, 7, 40537.	3.3	32
18	Powering Ocean Giants: The Energetics of Shark and Ray Megafauna. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1009-1021.	8.7	31

#	ARTICLE	IF	CITATIONS
19	Can estimates of genetic effective population size contribute to fisheries stock assessments?. Journal of Fish Biology, 2016, 89, 2505-2518.	1.6	28
20	Rapid wound healing in a reef manta ray masks the extent of vessel strike. PLoS ONE, 2019, 14, e0225681.	2.5	28
21	Barriers in a sea of elasmobranchs: From <i>fishing</i> for populations to testing hypotheses in population genetics. Global Ecology and Biogeography, 2021, 30, 2147-2163.	5.8	28
22	Fine scale population structure of dugongs ( <i>Dugong dugon</i> ) implies low gene flow along the southern Queensland coastline. Conservation Genetics, 2014, 15, 1381-1392.	1.5	21
23	The geographic distribution of reef and oceanic manta rays ( <i>Mobula alfredi</i> and <i>Mobula biroo</i> ) in the Indo-Pacific. <i>Journal of Biogeography</i> , 2021, 48, 835-840.	1.6	16
24	The utility of bioenergetics modelling in quantifying predation rates of marine apex predators: Ecological and fisheries implications. Scientific Reports, 2017, 7, 12982.	3.3	14
25	Polymorphic microsatellite loci for the zebra shark <i>Stegostoma fasciatum</i> . Molecular Ecology Notes, 2006, 6, 1086-1088.	1.7	11
26	Stock structure of <i>Lethrinus laticaudis</i> (Lethrinidae) across northern Australia determined using genetics, otolith microchemistry and parasite assemblage composition. Marine and Freshwater Research, 2018, 69, 487.	1.3	11
27	Satellite Tagging and Photographic Identification Reveal Connectivity Between Two UNESCO World Heritage Areas for Reef Manta Rays. Frontiers in Marine Science, 2020, 7, .	2.5	11
28	Mutualism promotes site selection in a large marine planktivore. Ecology and Evolution, 2021, 11, 5606-5623.	1.9	11
29	First record of potential Batesian mimicry in an elasmobranch: juvenile zebra sharks mimic banded sea snakes?. Marine and Freshwater Research, 2012, 63, 545.	1.3	9
30	Tonic immobility in the zebra shark, <i>Stegostoma fasciatum</i> , and its use for capture methodology. Environmental Biology of Fishes, 2018, 101, 741-748.	1.0	7
31	Delimiting cryptic species within the brown-banded bamboo shark, <i>Chiloscyllium punctatum</i> in the Indo-Australian region with mitochondrial DNA and genome-wide SNP approaches. BMC Ecology and Evolution, 2021, 21, 121.	1.6	6
32	Population structure of the brown-banded bamboo shark, <i>Chiloscyllium punctatum</i> and its relation to fisheries management in the Indo-Malay region. Fisheries Research, 2021, 240, 105972.	1.7	6
33	Extinction Risk and the Small Population Paradigm in the Micro-Endemic Radiation of Epaulette Sharks. <i>Journal of Biogeography</i> , 2022, , 752-762.		5
34	Characterization, development and multiplexing of microsatellite markers in three commercially exploited reef fish and their application for stock identification. PeerJ, 2016, 4, e2418.	2.0	4
35	Development and characterization of 17 polymorphic microsatellite markers for the reef manta ray ( <i>Mobula alfredi</i> ). BMC Research Notes, 2019, 12, 233.	1.4	2
36	Modelling heterogeneity in detection probabilities in land and aerial abundance surveys in humpback whales ( <i>Megaptera novaeangliae</i> ). Population Ecology, 2018, 60, 371-387.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Flexibility for fuelling reproduction in a pelagic ray ( <i>Mobula eregoodoo</i> ) suggested by bioenergetic modelling. <i>Journal of Fish Biology</i> , 2022, , .	1.6	1