Shane D Lavery

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8635492/publications.pdf

Version: 2024-02-01

78	2,534	186265	223800
papers	citations	28 h-index	46 g-index

82	82	82	2855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Indo-Pacific population structure and evolutionary history of the coconut crab Birgus latro. Molecular Ecology, 1996, 5, 557-570.	3.9	133
2	The genetic structure of Australasian green turtles (Chelonia mydas): exploring the geographical scale of genetic exchange. Molecular Ecology, 2006, 15, 3931-3946.	3.9	127
3	Phylogenetic relationships and evolutionary history of the shrimp genus Penaeus s.l. derived from mitochondrial DNA. Molecular Phylogenetics and Evolution, 2004, 31, 39-49.	2.7	118
4	When oceans meet: a teleost shows secondary intergradation at an Indianâ€“Pacific interface. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 415-420.	2.6	110
5	Mitochondrial gene rearrangements confirm the parallel evolution of the crab-like form. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 345-350.	2.6	104
6	Genetic Patterns Suggest Exponential Population Growth in a Declining Species. Molecular Biology and Evolution, 1996, 13, 1106-1113.	8.9	99
7	DNA Surveillance: Web-Based Molecular Identification of Whales, Dolphins, and Porpoises. , 2003, 94, 111-114.		99
8	A Worldwide Perspective on the Population Structure and Genetic Diversity of Bottlenose Dolphins (Tursiops truncatus) in New Zealand. Journal of Heredity, 2009, 100, 11-24.	2.4	91
9	Concordance between dispersal and mitochondrial gene flow: isolation by distance in a tropical teleost, Lates calcarifer (Australian barramundi). Heredity, 1998, 80, 187-197.	2.6	82
10	Determining the Diet of Larvae of Western Rock Lobster (Panulirus cygnus) Using High-Throughput DNA Sequencing Techniques. PLoS ONE, 2012, 7, e42757.	2.5	79
11	Total Mercury, Methyl Mercury, and Selenium Levels in the Red Meat of Small Cetaceans Sold for Human Consumption in Japan. Environmental Science & Technology, 2005, 39, 5703-5708.	10.0	74
12	PCR enrichment techniques to identify the diet of predators. Molecular Ecology Resources, 2012, 12, 5-17.	4.8	56
13	Estimating the number of whales entering trade using DNA profiling and capture-recapture analysis of market products. Molecular Ecology, 2007, 16, 2617-2626.	3.9	55
14	Using DNA barcoding and phylogenetics to identify Antarctic invertebrate larvae: Lessons from a large scale study. Marine Genomics, 2010, 3, 165-177.	1.1	54
15	The impact of artificial surfaces on marine bacterial and eukaryotic biofouling assemblages: A high-throughput sequencing analysis. Marine Environmental Research, 2018, 133, 57-66.	2.5	54
16	New Zealand triplefin fishes (family Tripterygiidae): contrasting population structure and mtDNA diversity within a marine species flock. Molecular Ecology, 2009, 18, 680-696.	3.9	53
17	Linking Environmental DNA and RNA for Improved Detection of the Marine Invasive Fanworm Sabella spallanzanii. Frontiers in Marine Science, 2019, 6, .	2.5	51
18	Changing patterns of population structure and gene flow at different spatial scales in Birgus latro (the coconut crab). Heredity, 1995, 74, 531-541.	2.6	48

#	Article	IF	Citations
19	Investigation on Natural Diets of Larval Marine Animals Using Peptide Nucleic Acid-Directed Polymerase Chain Reaction Clamping. Marine Biotechnology, 2011, 13, 305-313.	2.4	46
20	Combining morpho-taxonomy and metabarcoding enhances the detection of non-indigenous marine pests in biofouling communities. Scientific Reports, 2018, 8, 16290.	3.3	46
21	Incomplete reporting of whale, dolphin and porpoise 'bycatch' revealed by molecular monitoring of Korean markets. Animal Conservation, 2006, 9, 474-482.	2.9	45
22	Application of mitochondrial control region in population genetic studies of the shrimp Penaeus. Molecular Ecology Notes, 2003, 3, 120-122.	1.7	44
23	Determining the diet of larvae of the red rock lobster (Jasus edwardsii) using high-throughput DNA sequencing techniques. Marine Biology, 2014, 161, 551-563.	1.5	41
24	Population genetics of two tropical sharks, Carcharhinus tilstoni and C. sorrah, in Northern Australia. Marine and Freshwater Research, 1989, 40, 541.	1.3	40
25	Evolutionary Divergence of Geographic Subspecies within the Scalloped Spiny Lobster Panulirus homarus (Linnaeus 1758). PLoS ONE, 2014, 9, e97247.	2.5	39
26	www.DNA-surveillance: applied molecular taxonomy for species conservation and discovery. Trends in Ecology and Evolution, 2003, 18, 271-272.	8.7	35
27	Genetic evidence for separation of two sharks,Carcharhinus limbatus andC. tilstoni, from Northern Australia. Marine Biology, 1991, 108, 1-4.	1.5	32
28	Population Structure and Phylogeography of the Short-Tailed Stingray, Dasyatis brevicaudata (Hutton) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	32
29	Temperate marine protected area provides recruitment subsidies to local fisheries. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171300.	2.6	31
30	Phylogeography of the snakeskin chiton Sypharochiton pelliserpentis (Mollusca: Polyplacophora) around New Zealand: are seasonal near-shore upwelling events a dynamic barrier to gene flow?. Biological Journal of the Linnean Society, 2011, 104, 552-563.	1.6	30
31	Conservation of coastal stingrays: seasonal abundance and population structure of the short-tailed stingray Dasyatis brevicaudata at a Marine Protected Area. ICES Journal of Marine Science, 2012, 69, 1427-1435.	2.5	30
32	Stable Isotope Ratios of Carbon and Nitrogen and Mercury Concentrations in 13 Toothed Whale Species Taken from the Western Pacific Ocean off Japan. Environmental Science & Technology, 2010, 44, 2675-2681.	10.0	27
33	A multi-locus analysis of phylogenetic relationships within cheilostome bryozoans supports multiple origins of ascophoran frontal shields. Molecular Phylogenetics and Evolution, 2011, 61, 351-362.	2.7	27
34	The population genetic structure of the waratah anemone (Actinia tenebrosa) around New Zealand. New Zealand Journal of Marine and Freshwater Research, 2012, 46, 523-536.	2.0	26
35	Towards reproducible metabarcoding data: Lessons from an international crossâ€laboratory experiment. Molecular Ecology Resources, 2021, , .	4.8	25
36	Preliminary analysis of New Zealand scampi (Metanephrops challengeri) diet using metabarcoding. PeerJ, 2018, 6, e5641.	2.0	25

#	Article	IF	Citations
37	Molecular Species Identification of Astrotoma agassizii from Planktonic Embryos: Further Evidence for a Cryptic Species Complex. Journal of Heredity, 2010, 101, 775-779.	2.4	23
38	Mitochondrial DNA population structure of the scalloped lobster Panulirus homarus (Linnaeus 1758) from the West Indian Ocean. ICES Journal of Marine Science, 2013, 70, 1491-1498.	2.5	22
39	Extracting DNA from whole organism homogenates and the risk of false positives in PCR based diet studies: A case study using spiny lobster larvae. Journal of Experimental Marine Biology and Ecology, 2013, 441, 1-6.	1.5	20
40	Concordance between dispersal and mitochondrial gene flow: isolation by distance in a tropical teleost, Lates calcarifer (Australian barramundi). Heredity, 1998, 80, 187-197.	2.6	18
41	Mechanisms of peripheral phylogeographic divergence in the indo-Pacific: lessons from the spiny lobster Panulirus homarus. BMC Evolutionary Biology, 2017, 17, 195.	3.2	17
42	Paternity assignment and demographic closure in the New Zealand southern right whale. Molecular Ecology, 2012, 21, 3960-3973.	3.9	16
43	Differences in population connectivity of a benthic marine invertebrate Evechinus chloroticus (Echinodermata: Echinoidea) across large and small spatial scales. Conservation Genetics, 2015, 16, 965-978.	1.5	16
44	High proportion of protected minke whales sold on Japanese markets is due to illegal, unreported or unregulated exploitation. Animal Conservation, 2009, 12, 385-395.	2.9	15
45	The meroplankton community of the oceanic Ross Sea during late summer. Antarctic Science, 2014, 26, 345-360.	0.9	15
46	Phylogeography of the dugong (Dugong dugon) based on historical samples identifies vulnerable Indian Ocean populations. PLoS ONE, 2019, 14, e0219350.	2.5	15
47	Use of Allozyme Electrophoresis for identifying two species of Penaeid Prawn Postlarvae. Marine and Freshwater Research, 1990, 41, 259.	1.3	15
48	Phylogenetic Species Identification in Rattus Highlights Rapid Radiation and Morphological Similarity of New Guinean Species. PLoS ONE, 2014, 9, e98002.	2.5	14
49	Population structure and male-biased dispersal in the short-tail stingray Bathytoshia brevicaudata (Myliobatoidei: Dasyatidae). Conservation Genetics, 2019, 20, 717-728.	1.5	14
50	Electrophoretic analysis of Phylogenetic relationships among Australian Carcharhinid Sharks. Marine and Freshwater Research, 1992, 43, 97.	1.3	13
51	Verifying invasive marine fish species using molecular techniques: A model example using triplefin fishes (Family Tripterygiidae). New Zealand Journal of Marine and Freshwater Research, 2004, 38, 439-446.	2.0	13
52	Synopsis of a new collection of sea spiders (Arthropoda: Pycnogonida) from the Ross Sea, Antarctica. Polar Biology, 2009, 32, 1147-1155.	1.2	12
53	Spinning in different directions: western rock lobster larval condition varies with eddy polarity, but does their diet?. Journal of Plankton Research, 2015, 37, 542-553.	1.8	12
54	The complete mitochondrial genomes of two chiton species (<i>Sypharochiton) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (pelliserpen sequencing. Mitochondrial DNA, 2016, 27, 537-538.	0.6	12

#	Article	IF	Citations
55	On the need to consider multiphasic sensitivity of marine organisms to climate change: a case study of the Antarctic acorn barnacle. Journal of Biogeography, 2017, 44, 2165-2175.	3.0	12
56	Population subdivision in the tropical spiny lobster Panulirus ornatus throughout its Indo-West Pacific distribution. ICES Journal of Marine Science, 2017, 74, 759-768.	2.5	11
57	Contamination level of mercury in red meat products from cetaceans available from South Korea markets. Marine Pollution Bulletin, 2007, 54, 669-677.	5.0	10
58	Morphological and Molecular Comparison of Hemigrapsus crenulatus (Milne Edwards, 1837) (Brachyura: Varunidae) from New Zealand and Chile: Was Miss Rathbun Right?. Journal of Crustacean Biology, 2011, 31, 582-589.	0.8	10
59	Phyllosomata associated with large gelatinous zooplankton: hitching rides and stealing bites. ICES Journal of Marine Science, 2015, 72, i124-i127.	2.5	10
60	Sweepstakes reproductive success is absent in a New Zealand snapper (Chrysophrus auratus) population protected from fishing despite â€œtinyâ€•N_e/N ratios elsewhere. Molecular Ecology, 2019, 28, 2986-2995.	3.9	9
61	Speciation of two stingrays with antitropical distributions: low levels of divergence in mitochondrial DNA and morphological characters suggest recent evolution. Aquatic Biology, 2013, 19, 153-165.	1.4	8
62	DNA identification of the phyllosoma diet ofJasus edwardsiiandScyllarussp. Z. New Zealand Journal of Marine and Freshwater Research, 2014, 48, 416-429.	2.0	8
63	Discordance between nuclear and mitochondrial DNA analyses of population structure in closely related triplefin fishes (Forsterygion lapillum and F. capito, F. Tripterygiidae) supports speciation with gene flow. Marine Biology, 2015, 162, 1611-1624.	1.5	7
64	Demographic history, not larval dispersal potential, explains differences in population structure of two New Zealand intertidal species. Marine Biology, 2021, 168, 1.	1.5	7
65	From feeding habits to food webs: exploring the diet of an opportunistic benthic generalist. Marine Ecology - Progress Series, 2020, 655, 107-121.	1.9	7
66	The meroplankton communities from the coastal Ross Sea: a latitudinal study. Hydrobiologia, 2015, 761, 195-209.	2.0	6
67	Hitchhiking consequences for genetic and morphological patterns: the influence of kelp-rafting on a brooding chiton. Biological Journal of the Linnean Society, 2020, 130, 756-770.	1.6	6
68	The rise of commercial â€˜byâ€catch whalingâ€™ in Japan and Korea. Animal Conservation, 2009, 12, 398-399.	2.9	5
69	Genome-wide SNPs reveal fine-scale genetic structure in ornate spiny lobster Panulirus ornatus throughout Indo-West Pacific Ocean. ICES Journal of Marine Science, 2022, 79, 1931-1941.	2.5	5
70	The population genetics and origin of invasion of the invasive Asian paddle crab, Charybdis japonica (A.) Tj ETQq0 0 0 rgBT /Overlock 10 1.	1.5	4
71	Genogeographic clustering to identify crossâ€species concordance of spatial genetic patterns. Diversity and Distributions, 0, , .	4.1	4
72	Characterisation of eleven new polymorphic microsatellite markers for the coastal stingray Dasyatis brevicaudata (Dasyatidae Hutton 1875), and cross-amplification in seven dasyatid species. Biochemical Systematics and Ecology, 2016, 65, 234-237.	1.3	3

#	Article	IF	Citations
73	Geographic concordance of genetic barriers in New Zealand coastal marine species. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 3607-3625.	2.0	3
74	Finding the adaptive needles in a populationâ€structured haystack: A case study in a New Zealand mollusc. Journal of Animal Ecology, 2022, 91, 1209-1221.	2.8	3
75	Low allozyme variation in the coconut crab Birgus latro. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1993, 104, 353-359.	0.2	2
76	Marine DNA Metabarcoding. , 2020, , 612-618.		2
77	Genetic divergence between isolated populations of the North Island New Zealand Rifleman () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T fragmentation. Ecology and Evolution, 2021, 11, 5998-6014.	1.9	1
78	A correction to â€œMitochondrial DNA population structure of the scalloped lobster Panulirus homarus (Linnaeus 1758) from the West Indian Oceanâ€• ICES Journal of Marine Science, 2016, 73, 2747-2747.	2.5	0