

# Donald C Behringer

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

2,480  
citations

218677

26  
h-index

233421

45  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease will limit future food supply from the global crustacean fishery and aquaculture sectors. <i>Journal of Invertebrate Pathology</i> , 2012, 110, 141-157.	3.2	354
2	Avoidance of disease by social lobsters. <i>Nature</i> , 2006, 441, 421-421.	27.8	238
3	A new pathogenic virus in the Caribbean spiny lobster <i>Panulirus argus</i> from the Florida Keys. <i>Diseases of Aquatic Organisms</i> , 2004, 59, 109-118.	1.0	136
4	Sustainable aquaculture through the One Health lens. <i>Nature Food</i> , 2020, 1, 468-474.	14.0	100
5	Alien Pathogens on the Horizon: Opportunities for Predicting their Threat to Wildlife. <i>Conservation Letters</i> , 2017, 10, 477-484.	5.7	96
6	Biophysical connectivity explains population genetic structure in a highly dispersive marine species. <i>Coral Reefs</i> , 2017, 36, 233-244.	2.2	68
7	Review of <i>Panulirus argus</i> virus 1 a decade after its discovery. <i>Diseases of Aquatic Organisms</i> , 2011, 94, 153-160.	1.0	65
8	A New Family of DNA Viruses Causing Disease in Crustaceans from Diverse Aquatic Biomes. <i>MBio</i> , 2020, 11, .	4.1	62
9	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
10	Parasite avoidance behaviours in aquatic environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170202.	4.0	59
11	Transmission of <i>Panulirus argus</i> virus 1 (PaV1) and its effect on the survival of juvenile Caribbean spiny lobster. <i>Diseases of Aquatic Organisms</i> , 2008, 79, 173-182.	1.0	58
12	Host genetics and geography influence microbiome composition in the sponge <i>Ircinia campana</i> . <i>Journal of Animal Ecology</i> , 2019, 88, 1684-1695.	2.8	57
13	Microsporidia: a new taxonomic, evolutionary, and ecological synthesis. <i>Trends in Parasitology</i> , 2022, 38, 642-659.	3.3	51
14	Stable isotope analysis of production and trophic relationships in a tropical marine hard-bottom community. <i>Oecologia</i> , 2006, 148, 334-341.	2.0	43
15	Distribution, prevalence, and genetic analysis of <i>Panulirus argus</i> virus 1 (PaV1) from the Caribbean Sea. <i>Diseases of Aquatic Organisms</i> , 2013, 104, 129-140.	1.0	42
16	Disease avoidance influences shelter use and predation in Caribbean spiny lobster. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 747-755.	1.4	40
17	<i>Cucumispora ornata</i> n. sp. (Fungi: Microsporidia) infecting invasive "demon shrimp" ( <i>Dikerogammarus</i> ) Tj ETQq1 1 0.784314 rgBT	3.2	35
18	Parasites, pathogens and commensals in the "low-impact" non-native amphipod host <i>Gammarus roeselii</i> . <i>Parasites and Vectors</i> , 2017, 10, 193.	2.5	35

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19	Pathogens of <i>Dikerogammarus haemobaphes</i> regulate host activity and survival, but also threaten native amphipod populations in the UK. <i>Diseases of Aquatic Organisms</i> , 2019, 136, 63-78.	1.0	34
20	PaV1 infection in the Florida spiny lobster ( <i>Panulirus argus</i> ) fishery and its effects on trap function and disease transmission. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 136-144.	1.4	33
21	Green crab <i>Carcinus maenas</i> symbiont profiles along a North Atlantic invasion route. <i>Diseases of Aquatic Organisms</i> , 2018, 128, 147-168.	1.0	33
22	Ecological and physiological effects of PaV1 infection on the Caribbean spiny lobster ( <i>Panulirus argus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	31
23	A concise review of lobster utilization by worldwide human populations from prehistory to the modern era. <i>ICES Journal of Marine Science</i> , 2015, 72, i7-i21.	2.5	30
24	Spatial dynamics in the social lobster <i>Panulirus argus</i> in response to diseased conspecifics. <i>Marine Ecology - Progress Series</i> , 2013, 474, 191-200.	1.9	29
25	Sexual Dimorphism, Allometry, and Size at First Maturity of the Caribbean King Crab, <i>Mithrax spinosissimus</i> , in the Florida Keys. <i>Journal of Shellfish Research</i> , 2012, 31, 909-916.	0.9	28
26	Changes in temperature, pH, and salinity affect the sheltering responses of Caribbean spiny lobsters to chemosensory cues. <i>Scientific Reports</i> , 2019, 9, 4375.	3.3	28
27	Density-dependent population dynamics in juvenile <i>Panulirus argus</i> (Latreille): The impact of artificial density enhancement. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 334, 84-95.	1.5	27
28	Modelling the spread and connectivity of waterborne marine pathogens: the case of PaV1 in the Caribbean. <i>ICES Journal of Marine Science</i> , 2015, 72, i139-i146.	2.5	27
29	Behavioral Immunity Suppresses an Epizootic in Caribbean Spiny Lobsters. <i>PLoS ONE</i> , 2015, 10, e0126374.	2.5	27
30	<i>Parahepatospora carcini</i> n. gen., n. sp., a parasite of invasive <i>Carcinus maenas</i> with intermediate features of sporogony between the Enterocytozoon clade and other microsporidia. <i>Journal of Invertebrate Pathology</i> , 2017, 143, 124-134.	3.2	26
31	Partial validation of a TaqMan real-time quantitative PCR assay for the detection of <i>Panulirus argus</i> virus 1. <i>Diseases of Aquatic Organisms</i> , 2018, 129, 193-198.	1.0	26
32	Invasive Non-Native Crustacean Symbionts: Diversity and Impact. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107482.	3.2	24
33	<i>Candidatus Aquirickettsiella gammari</i> ™ (Gammaproteobacteria: Legionellales: Coxiellaceae): A bacterial pathogen of the freshwater crustacean <i>Gammarus fossarum</i> (Malacostraca: Amphipoda). <i>Journal of Invertebrate Pathology</i> , 2018, 156, 41-53.	3.2	23
34	Ontogenetic shifts in resource allocation: colour change and allometric growth of defensive and reproductive structures in the Caribbean spiny lobster <i>Panulirus argus</i> . <i>Biological Journal of the Linnean Society</i> , 2013, 108, 87-98.	1.6	22
35	Comparison and cost-benefit analysis of PIT tag antennae resighting and seine-net recapture techniques for survival analysis of an estuarine-dependent fish. <i>Fisheries Research</i> , 2012, 121-122, 153-160.	1.7	21
36	A novel nudivirus infecting the invasive demon shrimp <i>Dikerogammarus haemobaphes</i> (Amphipoda). <i>Scientific Reports</i> , 2020, 10, 14816.	3.3	21

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37	Genetic diversity of the Caribbean spiny lobster virus, <i>Panulirus argus</i> virus 1 (PaV1), and the discovery of PaV1 in lobster postlarvae. <i>Aquatic Biology</i> , 2012, 14, 223-232.	1.4	20
38	Genetic evidence from the spiny lobster fishery supports international cooperation among Central American marine protected areas. <i>Conservation Genetics</i> , 2015, 16, 347-358.	1.5	19
39	Is seagrass an important nursery habitat for the Caribbean spiny lobster, <i>Panulirus argus</i> , in Florida?. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 327-337.	2.0	17
40	Diseases of wild and cultured juvenile crustaceans: Insights from below the minimum landing size. <i>Journal of Invertebrate Pathology</i> , 2012, 110, 225-233.	3.2	17
41	Integrative taxonomy of the ornamental "peppermint" shrimp public market and population genetics of <i>Lysmata boggressi</i> , the most heavily traded species worldwide. <i>PeerJ</i> , 2017, 5, e3786.	2.0	17
42	Genomic and developmental characterisation of a novel bunyavirus infecting the crustacean <i>Carcinus maenas</i> . <i>Scientific Reports</i> , 2019, 9, 12957.	3.3	16
43	Crustaceans, One Health and the changing ocean. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107500.	3.2	16
44	Microsporidiosis in the Caribbean spiny lobster <i>Panulirus argus</i> from southeast Florida, USA. <i>Diseases of Aquatic Organisms</i> , 2009, 84, 237-242.	1.0	16
45	Climate and season are associated with prevalence and distribution of trans-hemispheric blue crab reovirus ( <i>Callinectes sapidus</i> reovirus 1). <i>Marine Ecology - Progress Series</i> , 2020, 647, 123-133.	1.9	15
46	Casitas: a location-dependent ecological trap for juvenile Caribbean spiny lobsters, <i>Panulirus argus</i> . <i>ICES Journal of Marine Science</i> , 2015, 72, 1177-1184.	2.5	14
47	Competition with stone crabs drives juvenile spiny lobster abundance and distribution. <i>Oecologia</i> , 2017, 184, 205-218.	2.0	13
48	<i>Ovipleistophora diplostomuri</i> , a parasite of fish and their trematodes, also infects the crayfish <i>Procambarus bivittatus</i> . <i>Journal of Invertebrate Pathology</i> , 2020, 169, 107306.	3.2	13
49	A new lineage of crayfish-infecting Microsporidia: The <i>Cambaraspora floridanus</i> n. gen. n. sp. (Glugeida: Glugeidae) complex from Floridian freshwaters (USA). <i>Journal of Invertebrate Pathology</i> , 2020, 171, 107345.	3.2	13
50	Reproductive biology of the marine ornamental shrimp <i>Lysmata boggressi</i> in the south-eastern Gulf of Mexico. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 141-149.	0.8	12
51	Commercial sponge fishery impacts on the population dynamics of sponges in the Florida Keys, FL (USA). <i>Fisheries Research</i> , 2017, 190, 113-121.	1.7	10
52	Using genetics to inform restoration and predict resilience in declining populations of a keystone marine sponge. <i>Biodiversity and Conservation</i> , 2020, 29, 1383-1410.	2.6	10
53	Pathogens co-transported with invasive non-native aquatic species: implications for risk analysis and legislation. <i>NeoBiota</i> , 0, 69, 79-102.	1.0	10
54	White spot syndrome virus and the Caribbean spiny lobster, <i>Panulirus argus</i> : Susceptibility and behavioral immunity. <i>Journal of Invertebrate Pathology</i> , 2019, 162, 1-9.	3.2	9

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55	Mitochondrial Genomes, Phylogenetic Associations, and SNP Recovery for the Key Invasive Ponto-Caspian Amphipods in Europe. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10300.	4.1	9
56	Disease effects on lobster fisheries, ecology, and culture: overview of DAO Special 6. <i>Diseases of Aquatic Organisms</i> , 2012, 100, 89-93.	1.0	9
57	Oceanographic features and limited dispersal shape the population genetic structure of the vase sponge <i>Ircinia campana</i> in the Greater Caribbean. <i>Heredity</i> , 2021, 126, 63-76.	2.6	8
58	Symbionts of invasive and native crabs, in Argentina: The most recently invaded area on the Southwestern Atlantic coastline. <i>Journal of Invertebrate Pathology</i> , 2021, 184, 107650.	3.2	8
59	Mating system and reproductive performance in the isopod <i>Parabopyrella lata</i> , a parasitic castrator of the "peppermint" shrimp <i>Lysmata boggessi</i> . <i>Marine Biology</i> , 2018, 165, 1.	1.5	7
60	A histological atlas for the Palinuridae (Crustacea: Decapoda: Achelata): A guide to parasite discovery and spotting the abnormal in spiny lobsters. <i>Journal of Invertebrate Pathology</i> , 2019, 163, 21-33.	3.2	7
61	Characterization of microsporidian <i>Ameson herrnkindi</i> sp. nov. infecting Caribbean spiny lobsters <i>Panulirus argus</i> . <i>Diseases of Aquatic Organisms</i> , 2019, 136, 209-218.	1.0	7
62	Microsporidian Pathogens of Aquatic Animals. <i>Experientia Supplementum (2012)</i> , 2022, 114, 247-283.	0.9	7
63	Effect of simulated catch-and-release angling on postrelease mortality and egg viability in sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 2390-2395.	1.4	6
64	Patterns of infection in a native and an invasive crayfish across the UK. <i>Journal of Invertebrate Pathology</i> , 2021, 184, 107595.	3.2	6
65	Pathogens co-transported with invasive non-native aquatic species: implications for risk analysis and legislation. <i>NeoBiota</i> , 0, 69, 79-102.	1.0	6
66	<i>Panopeispora mellora</i> n. gen. n. sp. (microsporidia) infecting Say's crab ( <i>Dyspanopeus sayi</i> ) from the Atlantic shoreline of Canada. <i>Journal of Invertebrate Pathology</i> , 2021, 184, 107652.	3.2	5
67	<i>Podocotyle atomon</i> (Trematoda: Digenea) impacts reproductive behaviour, survival and physiology in <i>Gammarus zaddachi</i> (Amphipoda). <i>Diseases of Aquatic Organisms</i> , 2019, 136, 51-62.	1.0	5
68	A reflex action mortality predictor (RAMP) for commercially fished blue crab <i>Callinectes sapidus</i> in Florida. <i>Fisheries Research</i> , 2022, 247, 106188.	1.7	5
69	Revising the Freshwater <i>Thelohania</i> to <i>Astathelohania</i> gen. et comb. nov., and Description of Two New Species. <i>Microorganisms</i> , 2022, 10, 636.	3.6	5
70	The plot thickens: <i>Ovipleistophora diplostomuri</i> infects two additional species of Florida crayfish. <i>Journal of Invertebrate Pathology</i> , 2022, 191, 107766.	3.2	5
71	A novel positive single-stranded RNA virus from the crustacean parasite, <i>Probopyrinella latreuticola</i> (Peracarida: Isopoda: Bopyridae). <i>Journal of Invertebrate Pathology</i> , 2020, 177, 107494.	3.2	3
72	Behavioral Immunity and Social Distancing in the Wild: The Same as in Humans?. <i>BioScience</i> , 2021, 71, 571-580.	4.9	3

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73	Isolation and characterization of eight polymorphic microsatellites for the spotted spiny lobster, <i>Panulirus guttatus</i> . PeerJ, 2016, 4, e1467.	2.0	3
74	Rapid Genetic Identification of the Blue Crab <i>Callinectes sapidus</i> and Other <i>Callinectes</i> spp. Using Restriction Enzyme Digestion and High Resolution Melt (HRM) Assays. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	2
75	Small-scale spatial variation in population- and individual-level reproductive parameters of the blue-legged hermit crab <i>Clibanarius tricolor</i> . PeerJ, 2017, 5, e3004.	2.0	2
76	Life history traits and reproductive performance of the caridean shrimp <i>Lysmata boggessi</i> , a heavily traded invertebrate in the marine aquarium industry. PeerJ, 2020, 8, e8231.	2.0	2
77	â€˜Candidatus Mellornella promiscuaâ€™ n. gen. n. sp. (Alphaproteobacteria: Rickettsiales: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td ( <i>Jod</i> Eurypanopeus depressus. <i>Journal of Invertebrate Pathology</i> , 2022, 190, 107737.	3.2	2
78	Circular Single-Stranded DNA Virus ( <i>Microviridae</i> : <i>Gokushovirinae</i> :) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td ( <i>Jod</i> depressus. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
79	<i>Cirolana westbyi</i> , (Isopoda: Cirolanidae) a new species in the â€˜ <i>Cirolana parva</i> -groupâ€™ from the Turneffe Atoll, Belize. <i>Journal of Natural History</i> , 2020, 54, 2053-2069.	0.5	0