Donald C Behringer

List of Publications by Year
in descending order

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	A reflex action mortality predictor (RAMP) for commercially fished blue crab Callinectes sapidus in Florida. Fisheries Research, 2022, 247, 106188.	1.7	5
2	Revising the Freshwater Thelohania to Astathelohania gen. et comb. nov., and Description of Two New Species. Microorganisms, 2022, 10, 636.	3.6	5
3	â€˜Candidatus Mellornella promiscuaâ€™ n. gen. n. sp. (Alphaproteobacteria: Rickettsiales:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Eurypanopeus depressus. Journal of Invertebrate Pathology, 2022, 190, 107737.	3.2	2
4	Microsporidian Pathogens of Aquatic Animals. Experientia Supplementum (2012), 2022, 114, 247-283.	0.9	7
5	The plot thickens: Ovipleistophora diplostomuri infects two additional species of Florida crayfish. Journal of Invertebrate Pathology, 2022, 191, 107766.	3.2	5
6	Microsporidia: a new taxonomic, evolutionary, and ecological synthesis. Trends in Parasitology, 2022, 38, 642-659.	3.3	51
7	Invasive Non-Native Crustacean Symbionts: Diversity and Impact. Journal of Invertebrate Pathology, 2021, 186, 107482.	3.2	24
8	Crustaceans, One Health and the changing ocean. Journal of Invertebrate Pathology, 2021, 186, 107500.	3.2	16
9	Oceanographic features and limited dispersal shape the population genetic structure of the vase sponge Ircinia campana in the Greater Caribbean. Heredity, 2021, 126, 63-76.	2.6	8
10	Behavioral Immunity and Social Distancing in the Wild: The Same as in Humans?. BioScience, 2021, 71, 571-580.	4.9	3
11	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
12	Mitochondrial Genomes, Phylogenetic Associations, and SNP Recovery for the Key Invasive Ponto-Caspian Amphipods in Europe. International Journal of Molecular Sciences, 2021, 22, 10300.	4.1	9
13	Symbionts of invasive and native crabs, in Argentina: The most recently invaded area on the Southwestern Atlantic coastline. Journal of Invertebrate Pathology, 2021, 184, 107650.	3.2	8
14	Panopeispora mellora n. gen. n. sp. (microsporidia) infecting Sayâ€™s crab (Dyspanopeus sayi) from the Atlantic shoreline of Canada. Journal of Invertebrate Pathology, 2021, 184, 107652.	3.2	5
15	Patterns of infection in a native and an invasive crayfish across the UK. Journal of Invertebrate Pathology, 2021, 184, 107595.	3.2	6
16	Ovipleistophora diplostomuri, a parasite of fish and their trematodes, also infects the crayfish Procambarus bivittatus. Journal of Invertebrate Pathology, 2020, 169, 107306.	3.2	13
17	Sustainable aquaculture through the One Health lens. Nature Food, 2020, 1, 468-474.	14.0	100
18	A novel positive single-stranded RNA virus from the crustacean parasite, Probopyrinella latreuticola (Peracarida: Isopoda: Bopyridae). Journal of Invertebrate Pathology, 2020, 177, 107494.	3.2	3

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19	Rapid Genetic Identification of the Blue Crab Callinectes sapidus and Other Callinectes spp. Using Restriction Enzyme Digestion and High Resolution Melt (HRM) Assays. Frontiers in Marine Science, 2020, 7, .	2.5	2
20	A novel nudivirus infecting the invasive demon shrimp Dikerogammarus haemobaphes (Amphipoda). Scientific Reports, 2020, 10, 14816.	3.3	21
21	Using genetics to inform restoration and predict resilience in declining populations of a keystone marine sponge. Biodiversity and Conservation, 2020, 29, 1383-1410.	2.6	10
22	A new lineage of crayfish-infecting Microsporidia: The Cambaraspora floridanus n. gen. n. sp. (Glugeida: Glugeidae) complex from Floridian freshwaters (USA). Journal of Invertebrate Pathology, 2020, 171, 107345.	3.2	13
23	A New Family of DNA Viruses Causing Disease in Crustaceans from Diverse Aquatic Biomes. MBio, 2020, 11, .	4.1	62
24	Climate and season are associated with prevalence and distribution of trans-hemispheric blue crab reovirus (Callinectes sapidus reovirus 1). Marine Ecology - Progress Series, 2020, 647, 123-133.	1.9	15
25	Life history traits and reproductive performance of the caridean shrimp Lysmata boggessi, a heavily traded invertebrate in the marine aquarium industry. PeerJ, 2020, 8, e8231.	2.0	2
26	Cirolana westbyi, (Isopoda: Cirolanidae) a new species in the â€˜Cirolana parva-groupâ€™ from the Turneffe Atoll, Belize. Journal of Natural History, 2020, 54, 2053-2069.	0.5	0
27	Host genetics and geography influence microbiome composition in the sponge Ircinia campana. Journal of Animal Ecology, 2019, 88, 1684-1695.	2.8	57
28	Genomic and developmental characterisation of a novel bunyavirus infecting the crustacean Carcinus maenas. Scientific Reports, 2019, 9, 12957.	3.3	16
29	Changes in temperature, pH, and salinity affect the sheltering responses of Caribbean spiny lobsters to chemosensory cues. Scientific Reports, 2019, 9, 4375.	3.3	28
30	A histological atlas for the Palinuridae (Crustacea: Decapoda: Achelata): A guide to parasite discovery and spotting the abnormal in spiny lobsters. Journal of Invertebrate Pathology, 2019, 163, 21-33.	3.2	7
31	White spot syndrome virus and the Caribbean spiny lobster, Panulirus argus: Susceptibility and behavioral immunity. Journal of Invertebrate Pathology, 2019, 162, 1-9.	3.2	9
32	Effect of simulated catch-and-release angling on postrelease mortality and egg viability in sockeye salmon (Oncorhynchus nerka). Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 2390-2395.	1.4	6
33	Circular Single-Stranded DNA Virus (Microviridae : Gokushovirinae :) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T depressus. Microbiology Resource Announcements, 2019, 8, .	0.6	1
34	Pathogens of Dikerogammarus haemobaphes regulate host activity and survival, but also threaten native amphipod populations in the UK. Diseases of Aquatic Organisms, 2019, 136, 63-78.	1.0	34
35	Characterization of microsporidian Ameson herrnkindi sp. nov. infecting Caribbean spiny lobsters Panulirus argus. Diseases of Aquatic Organisms, 2019, 136, 209-218.	1.0	7
36	Podocotyle atomon (Trematoda: Digenea) impacts reproductive behaviour, survival and physiology in Gammarus zaddachi (Amphipoda). Diseases of Aquatic Organisms, 2019, 136, 51-62.	1.0	5

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37	Mating system and reproductive performance in the isopod Parabopyrella lata, a parasitic castrator of the â€˜peppermintâ€™ shrimp Lysmata boggessi. Marine Biology, 2018, 165, 1.	1.5	7
38	â€˜Candidatus Aquirickettsiella gammariâ€™ (Gammaproteobacteria: Legionellales: Coxiellaceae): A bacterial pathogen of the freshwater crustacean Gammarus fossarum (Malacostraca: Amphipoda). Journal of Invertebrate Pathology, 2018, 156, 41-53.	3.2	23
39	Parasite avoidance behaviours in aquatic environments. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170202.	4.0	59
40	Green crab Carcinus maenas symbiont profiles along a North Atlantic invasion route. Diseases of Aquatic Organisms, 2018, 128, 147-168.	1.0	33
41	Partial validation of a TaqMan real-time quantitative PCR assay for the detection of Panulirus argus virus 1. Diseases of Aquatic Organisms, 2018, 129, 193-198.	1.0	26
42	Parahepatospora carcini n. gen., n. sp., a parasite of invasive Carcinus maenas with intermediate features of sporogony between the Enterocytozoon clade and other microsporidia. Journal of Invertebrate Pathology, 2017, 143, 124-134.	3.2	26
43	Commercial sponge fishery impacts on the population dynamics of sponges in the Florida Keys, FL (USA). Fisheries Research, 2017, 190, 113-121.	1.7	10
44	Competition with stone crabs drives juvenile spiny lobster abundance and distribution. Oecologia, 2017, 184, 205-218.	2.0	13
45	Parasites, pathogens and commensals in the â€œlow-impactâ€•non-native amphipod host Gammarus roeselii. Parasites and Vectors, 2017, 10, 193.	2.5	35
46	Biophysical connectivity explains population genetic structure in a highly dispersive marine species. Coral Reefs, 2017, 36, 233-244.	2.2	68
47	Alien Pathogens on the Horizon: Opportunities for Predicting their Threat to Wildlife. Conservation Letters, 2017, 10, 477-484.	5.7	96
48	Small-scale spatial variation in population- and individual-level reproductive parameters of the blue-legged hermit crabClibanarius tricolor. PeerJ, 2017, 5, e3004.	2.0	2
49	Integrative taxonomy of the ornamental â€˜peppermintâ€™ shrimp public market and population genetics ofLysmata boggessi, the most heavily traded species worldwide. PeerJ, 2017, 5, e3786.	2.0	17
50	Isolation and characterization of eight polymorphic microsatellites for the spotted spiny lobster,Panulirus guttatus. PeerJ, 2016, 4, e1467.	2.0	3
51	Casitas: a location-dependent ecological trap for juvenile Caribbean spiny lobsters, Panulirus argus. ICES Journal of Marine Science, 2015, 72, i177-i184.	2.5	14
52	Cucumispora ornata n. sp. (Fungi: Microsporidia) infecting invasive â€˜demon shrimpâ€™ (Dikerogammarus) Tj ETQq0 0 0 rgBT /Overloc	3.2	35
53	A concise review of lobster utilization by worldwide human populations from prehistory to the modern era. ICES Journal of Marine Science, 2015, 72, i7-i21.	2.5	30
54	Modelling the spread and connectivity of waterborne marine pathogens: the case of PaV1 in the Caribbean. ICES Journal of Marine Science, 2015, 72, i139-i146.	2.5	27

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55	Genetic evidence from the spiny lobster fishery supports international cooperation among Central American marine protected areas. Conservation Genetics, 2015, 16, 347-358.	1.5	19
56	Behavioral Immunity Suppresses an Epizootic in Caribbean Spiny Lobsters. PLoS ONE, 2015, 10, e0126374.	2.5	27
57	Reproductive biology of the marine ornamental shrimp Lysmata boggessi in the south-eastern Gulf of Mexico. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 141-149.	0.8	12
58	Ontogenetic shifts in resource allocation: colour change and allometric growth of defensive and reproductive structures in the Caribbean spiny lobsterPanulirus argus. Biological Journal of the Linnean Society, 2013, 108, 87-98.	1.6	22
59	Spatial dynamics in the social lobster Panulirus argus in response to diseased conspecifics. Marine Ecology - Progress Series, 2013, 474, 191-200.	1.9	29
60	Distribution, prevalence, and genetic analysis of Panulirus argus virus 1 (PaV1) from the Caribbean Sea. Diseases of Aquatic Organisms, 2013, 104, 129-140.	1.0	42
61	PaV1 infection in the Florida spiny lobster (Panulirus argus) fishery and its effects on trap function and disease transmission. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 136-144.	1.4	33
62	Diseases of wild and cultured juvenile crustaceans: Insights from below the minimum landing size. Journal of Invertebrate Pathology, 2012, 110, 225-233.	3.2	17
63	Disease will limit future food supply from the global crustacean fishery and aquaculture sectors. Journal of Invertebrate Pathology, 2012, 110, 141-157.	3.2	354
64	Comparison and cost-benefit analysis of PIT tag antennae resighting and seine-net recapture techniques for survival analysis of an estuarine-dependent fish. Fisheries Research, 2012, 121-122, 153-160.	1.7	21
65	Sexual Dimorphism, Allometry, and Size at First Maturity of the Caribbean King Crab,Mithrax spinosissimus, in the Florida Keys. Journal of Shellfish Research, 2012, 31, 909-916.	0.9	28
66	Genetic diversity of the Caribbean spiny lobster virus, Panulirus argus virus 1 (PaV1), and the Âdiscovery of PaV1 in lobster postlarvae. Aquatic Biology, 2012, 14, 223-232.	1.4	20
67	Disease effects on lobster fisheries, ecology, and culture: overview of DAO Special 6. Diseases of Aquatic Organisms, 2012, 100, 89-93.	1.0	9
68	Review of Panulirus argus virus 1â€"a decade after its discovery. Diseases of Aquatic Organisms, 2011, 94, 153-160.	1.0	65
69	Disease avoidance influences shelter use and predation in Caribbean spiny lobster. Behavioral Ecology and Sociobiology, 2010, 64, 747-755.	1.4	40
70	Is seagrass an important nursery habitat for the Caribbean spiny lobster,panulirus argus, in Florida?. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 327-337.	2.0	17
71	Microsporidiosis in the Caribbean spiny lobster Panulirus argus from southeast Florida, USA. Diseases of Aquatic Organisms, 2009, 84, 237-242.	1.0	16
72	Ecological and physiological effects of PaV1 infection on the Caribbean spiny lobster (Panulirus argus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	31

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73	Transmission of Panulirus argus virus 1 (PaV1) and its effect on the survival of juvenile Caribbean spiny lobster. Diseases of Aquatic Organisms, 2008, 79, 173-182.	1.0	58
74	Avoidance of disease by social lobsters. Nature, 2006, 441, 421-421.	27.8	238
75	Stable isotope analysis of production and trophic relationships in a tropical marine hard-bottom community. Oecologia, 2006, 148, 334-341.	2.0	43
76	Density-dependent population dynamics in juvenile Panulirus argus (Latreille): The impact of artificial density enhancement. Journal of Experimental Marine Biology and Ecology, 2006, 334, 84-95.	1.5	27
77	A new pathogenic virus in the Caribbean spiny lobster Panulirus argus from the Florida Keys. Diseases of Aquatic Organisms, 2004, 59, 109-118.	1.0	136
78	Pathogens co-transported with invasive non-native aquatic species: implications for risk analysis and legislation. NeoBiota, 0, 69, 79-102.	1.0	10
79	Pathogens co-transported with invasive non-native aquatic species: implications for risk analysis and legislation. NeoBiota, 0, 69, 79-102.	1.0	6