

David M Fields

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

911
citations

567144

15
h-index

477173

29
g-index

31
all docs

31
docs citations

31
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	Copepod interaction with small-scale, dissipative eddies in turbulence: Comparison among three marine species. <i>Limnology and Oceanography</i> , 2022, 67, 1820-1835.	1.6	2
2	American lobster postlarvae alter gene regulation in response to ocean warming and acidification. <i>Ecology and Evolution</i> , 2021, 11, 806-819.	0.8	12
3	The response of the copepod <i>Acartia tonsa</i> to the hydrodynamic cues of small-scale, dissipative eddies in turbulence. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	3
4	Gene expression and epigenetic responses of the marine Cladoceran, <i>Evadne nordmanni</i> , and the copepod, <i>Acartia clausi</i> , to elevated CO ₂ . <i>Ecology and Evolution</i> , 2021, 11, 16776-16785.	0.8	6
5	Accumulation and effects of microplastic fibers in American lobster larvae (<i>Homarus americanus</i>). <i>Marine Pollution Bulletin</i> , 2020, 157, 111280.	2.3	36
6	Airgun blasts used in marine seismic surveys have limited effects on mortality, and no sublethal effects on behaviour or gene expression, in the copepod <i>Calanus finmarchicus</i> . <i>ICES Journal of Marine Science</i> , 2019, 76, 2033-2044.	1.2	18
7	Silencing of ionotropic receptor 25a decreases chemosensory activity in the salmon louse <i>Lepeophtheirus salmonis</i> during the infective stage. <i>Gene</i> , 2019, 697, 35-39.	1.0	9
8	The effects of hydrogen peroxide on mortality, escape response, and oxygen consumption of <i>Calanus</i> spp.. <i>Facets</i> , 2019, 4, 626-637.	1.1	15
9	The planktonic stages of the salmon louse (<i>Lepeophtheirus salmonis</i>) are tolerant of end-of-century pCO ₂ concentrations. <i>PeerJ</i> , 2019, 7, e7810.	0.9	11
10	Microplastic fiber uptake, ingestion, and egestion rates in the blue mussel (<i>Mytilus edulis</i>). <i>Marine Pollution Bulletin</i> , 2018, 137, 638-645.	2.3	211
11	The Atlantic salmon (<i>Salmo salar</i>) antimicrobial peptide cathelicidin-2 is a molecular host-associated cue for the salmon louse (<i>Lepeophtheirus salmonis</i>). <i>Scientific Reports</i> , 2018, 8, 13738.	1.6	13
12	Coccolith dissolution within copepod guts affects fecal pellet density and sinking rate. <i>Scientific Reports</i> , 2018, 8, 9758.	1.6	13
13	Early life stages of the Arctic copepod <i>Calanus glacialis</i> are unaffected by increased seawater pCO ₂ . <i>ICES Journal of Marine Science</i> , 2017, 74, 996-1004.	1.2	55
14	Regulation of gene expression is associated with tolerance of the Arctic copepod <i>Calanus glacialis</i> to pCO ₂ -acidified sea water. <i>Ecology and Evolution</i> , 2017, 7, 7145-7160.	0.8	53
15	Linking rising pCO ₂ and temperature to the larval development and physiology of the American lobster (<i>Homarus americanus</i>). <i>ICES Journal of Marine Science</i> , 2017, 74, 1210-1219.	1.2	33
16	End of the century CO ₂ concentrations do not have a negative effect on vital rates of <i>Calanus finmarchicus</i> , an ecologically critical planktonic species in North Atlantic ecosystems. <i>ICES Journal of Marine Science</i> , 2016, 73, 937-950.	1.2	34
17	The effect of hydrostatic pressure on grazing in three calanoid copepods. <i>Journal of Plankton Research</i> , 2016, 38, 131-138.	0.8	2
18	The regeneration of highly bioavailable iron by meso- and microzooplankton. <i>Limnology and Oceanography</i> , 2014, 59, 1399-1409.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Sub-lethal exposure to ultraviolet radiation reduces prey consumption by Atlantic cod larvae (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.7	10
20	Light Primes the Escape Response of the Calanoid Copepod, <i>Calanus finmarchicus</i> . PLoS ONE, 2012, 7, e39594.	1.1	15
21	Fine-scale observations of the predatory behaviour of the carnivorous copepod <i>Paraeuchaeta norvegica</i> and the escape responses of their ichthyoplankton prey, Atlantic cod (<i>Gadus morhua</i>). Marine Biology, 2011, 158, 2653-2660.	0.7	12
22	Grazing Rates of <i>Calanus finmarchicus</i> on <i>Thalassiosira weissflogii</i> Cultured under Different Levels of Ultraviolet Radiation. PLoS ONE, 2011, 6, e26333.	1.1	9
23	Orientation affects the sensitivity of <i>Acartia tonsa</i> to fluid mechanical signals. Marine Biology, 2010, 157, 505-514.	0.7	18
24	The three-dimensional prey field of the northern krill, <i>Meganyctiphanes norvegica</i> , and the escape responses of their copepod prey. Marine Biology, 2010, 157, 1251-1258.	0.7	17
25	Selective feeding of <i>Arctodiaptomus salinus</i> (Copepoda, Calanoida) on co-occurring sibling rotifer species. Freshwater Biology, 2004, 49, 1053-1061.	1.2	33
26	Rapid firing rates from mechanosensory neurons in copepod antennules. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 877-82.	0.7	5
27	The effects of fluid motion on toxicant sensitivity of the rotifer <i>Brachionus calyciflorus</i> . Aquatic Toxicology, 2001, 52, 117-131.	1.9	20
28	Characteristics of the high frequency escape reactions of <i>Oithona</i> SP. Marine and Freshwater Behaviour and Physiology, 2000, 34, 21-35.	0.4	10
29	Physical constraints of chemoreception in foraging copepods. Limnology and Oceanography, 1999, 44, 166-177.	1.6	56
30	The escape behavior of marine copepods in response to a quantifiable fluid mechanical disturbance. Journal of Plankton Research, 1997, 19, 1289-1304.	0.8	153
31	UV radiation changes algal stoichiometry but does not have cascading effects on a marine food chain. Journal of Plankton Research, 0, , fbv082.	0.8	11