

Jeffrey D Shields

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,533
citations

172457

29
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206112

48
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62
all docs

62
docs citations

62
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute and long-term manganese exposure and subsequent accumulation in relation to idiopathic blindness in the American lobster, <i>Homarus americanus</i> . <i>Aquatic Toxicology</i> , 2020, 219, 105379.	4.0	6
2	Investigating risk factors for mortality and reovirus infection in aquaculture production of soft-shell blue crabs (<i>Callinectes sapidus</i>). <i>Aquaculture</i> , 2019, 502, 289-295.	3.5	16
3	The influence of temperature and salinity on mortality of recently recruited blue crabs, <i>Callinectes sapidus</i> , naturally infected with <i>Hematodinium perezii</i> (Dinoflagellata). <i>Journal of Invertebrate Pathology</i> , 2018, 152, 8-16.	3.2	16
4	Rising Temperatures, Molting Phenology, and Epizootic Shell Disease in the American Lobster. <i>American Naturalist</i> , 2018, 192, E163-E177.	2.1	32
5	Bait-subsidized diets and their effects on ovigerous North American lobsters (<i>Homarus americanus</i>). <i>Aquaculture International</i> , 2018, 26, 1311-1326.	2.2	5
6	Development of rapid diagnostic techniques for idiopathic blindness in the American lobster, <i>Homarus americanus</i> , from eastern Long Island Sound. <i>Bulletin of Marine Science</i> , 2018, 94, 945-957.	0.8	2
7	Fiddler crabs (<i>Uca</i> spp.) as model hosts for laboratory infections of <i>Hematodinium perezii</i> . <i>Journal of Invertebrate Pathology</i> , 2017, 143, 11-17.	3.2	2
8	Collection techniques for the analyses of pathogens in crustaceans. <i>Journal of Crustacean Biology</i> , 2017, 37, 753-763.	0.8	11
9	Impact of disease on the survival of three commercially fished species. <i>Ecological Applications</i> , 2017, 27, 2116-2127.	3.8	35
10	Patterns in the natural transmission of the parasitic dinoflagellate <i>Hematodinium perezii</i> in American blue crabs, <i>Callinectes sapidus</i> from a highly endemic area. <i>Marine Biology</i> , 2017, 164, 1.	1.5	15
11	Improving marine disease surveillance through sea temperature monitoring, outlooks and projections. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150208.	4.0	55
12	Managing marine disease emergencies in an era of rapid change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150364.	4.0	109
13	Overwintering of the parasitic dinoflagellate <i>Hematodinium perezii</i> in dredged blue crabs (<i>Callinectes</i>) Tj ETQq1 1 0,784314 rgBT /Ove	3.2	21
14	Behavioral Immunity Suppresses an Epizootic in Caribbean Spiny Lobsters. <i>PLoS ONE</i> , 2015, 10, e0126374.	2.5	27
15	Host behavior alters spiny lobster viral disease dynamics: a simulation study. <i>Ecology</i> , 2014, 95, 2346-2361.	3.2	11
16	Genotypic variation in the parasitic dinoflagellate <i>Hematodinium perezii</i> along the Delmarva Peninsula, Virginia. <i>Marine Biology</i> , 2014, 161, 261-273.	1.5	4
17	Effects of the parasitic dinoflagellate <i>Hematodinium perezii</i> on blue crab (<i>Callinectes sapidus</i>) behavior and predation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 381-388.	1.5	13
18	Ameson metacarci sp. nov. (Microsporidia) infecting the muscles of Dungeness crabs <i>Metacarcinus magister</i> from British Columbia, Canada. <i>Diseases of Aquatic Organisms</i> , 2014, 110, 213-225.	1.0	14

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19	Experimental infections of <i>Orchitophrya stellarum</i> (Scuticociliata) in American blue crabs (<i>Callinectes sapidus</i>) and fiddler crabs (<i>Uca minax</i>). <i>Journal of Invertebrate Pathology</i> , 2013, 114, 346-355.	3.2	10
20	An unusual cuticular tumor-like growth on the abdomen of a lobster, <i>Homarus americanus</i> . <i>Journal of Invertebrate Pathology</i> , 2013, 114, 245-249.	3.2	12
21	Complex etiologies of emerging diseases in lobsters (<i>Homarus americanus</i>) from Long Island Sound. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1576-1587.	1.4	43
22	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
23	The Role of Alternate Hosts in the Ecology and Life History of <i>Hematodinium</i> sp., a Parasitic Dinoflagellate of the Blue Crab (<i>Callinectes sapidus</i>). <i>Journal of Parasitology</i> , 2012, 98, 73-84.	0.7	35
24	The Effect of Salinity On Experimental Infections of A <i>Hematodinium</i> SP. In Blue Crabs, <i>Callinectes sapidus</i> . <i>Journal of Parasitology</i> , 2012, 98, 536-542.	0.7	27
25	The "100 Lobsters" Project: A Cooperative Demonstration Project for Health Assessments of Lobsters from Rhode Island. <i>Journal of Shellfish Research</i> , 2012, 31, 431-438.	0.9	13
26	Histological Assessment of the Lobster (<i>Homarus americanus</i>) in the "100 Lobsters" Project. <i>Journal of Shellfish Research</i> , 2012, 31, 439-447.	0.9	33
27	The impact of pathogens on exploited populations of decapod crustaceans. <i>Journal of Invertebrate Pathology</i> , 2012, 110, 211-224.	3.2	73
28	Morphological and Molecular Characterization of <i>Hematodinium perezii</i> (Dinophyceae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Eukaryotic Microbiology, 2012, 59, 54-66.	1.7	45
29	Diseases of spiny lobsters: A review. <i>Journal of Invertebrate Pathology</i> , 2011, 106, 79-91.	3.2	87
30	<i>In vitro</i> culture and developmental cycle of the parasitic dinoflagellate <i>Hematodinium</i> sp. from the blue crab <i>Callinectes sapidus</i> . <i>Parasitology</i> , 2011, 138, 1924-1934.	1.5	27
31	Lack of transmission of <i>Hematodinium</i> sp. in the blue crab <i>Callinectes sapidus</i> through cannibalism. <i>Diseases of Aquatic Organisms</i> , 2011, 96, 249-258.	1.0	18
32	Detection and quantification of the free-living stage of the parasitic dinoflagellate <i>Hematodinium</i> sp. in laboratory and environmental samples. <i>Harmful Algae</i> , 2010, 9, 515-521.	4.8	37
33	Idiopathic Lesions and Visual Deficits in the American Lobster (<i>Homarus americanus</i>) From Long Island Sound, NY. <i>Biological Bulletin</i> , 2009, 217, 95-101.	1.8	13
34	Ecological and physiological effects of PaV1 infection on the Caribbean spiny lobster (<i>Panulirus argus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387	1.5	31
35	Pathology and hematology of the Caribbean spiny lobster experimentally infected with <i>Panulirus argus</i> virus 1 (PaV1). <i>Virus Research</i> , 2008, 132, 104-113.	2.2	53
36	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

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37	MOLECULAR DETECTION OF HEMATODINIUM SP. INFECTING THE BLUE CRAB, CALLINECTES SAPIDUS. Journal of Shellfish Research, 2007, 26, 131-139.	0.9	46
38	Epidemiological determinants in outbreaks of bitter crab disease (Hematodinium sp.) in snow crabs Chionoecetes opilio from Conception Bay, Newfoundland, Canada. Diseases of Aquatic Organisms, 2007, 77, 61-72.	1.0	46
39	Primary culture of hemocytes from the Caribbean spiny lobster, Panulirus argus, and their susceptibility to Panulirus argus Virus 1 (PaV1). Journal of Invertebrate Pathology, 2007, 94, 48-55.	3.2	66
40	Pathology of Hematodinium infections in snow crabs (Chionoecetes opilio) from Newfoundland, Canada. Journal of Invertebrate Pathology, 2007, 95, 93-100.	3.2	33
41	Histopathology of idiopathic lesions in the eyes of Homarus americanus from Long Island Sound. Journal of Invertebrate Pathology, 2006, 91, 88-97.	3.2	15
42	Avoidance of disease by social lobsters. Nature, 2006, 441, 421-421.	27.8	238
43	Detection of Panulirus argus Virus 1 (PaV1) in the Caribbean spiny lobster using fluorescence in situ hybridization (FISH). Diseases of Aquatic Organisms, 2006, 72, 185-192.	1.0	41
44	Factors influencing the sporulation and cyst formation of <i>Aphanomyces invadans</i> , etiological agent of ulcerative mycosis in Atlantic menhaden, <i>Brevoortia tyrannus</i> . Mycologia, 2005, 97, 569-575.	1.9	7
45	A review of the parasitic dinoflagellates Hematodinium species and Hematodinium-like infections in marine crustaceans. Diseases of Aquatic Organisms, 2005, 66, 47-70.	1.0	191
46	Factors influencing the sporulation and cyst formation of <i>Aphanomyces invadans</i> , etiological agent of ulcerative mycosis in Atlantic menhaden, <i>Brevoortia tyrannus</i> . Mycologia, 2005, 97, 569-575.	1.9	11
47	Epidemiology of bitter crab disease (Hematodinium sp.) in snow crabs Chionoecetes opilio from Newfoundland, Canada. Diseases of Aquatic Organisms, 2005, 64, 253-264.	1.0	62
48	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
49	Monitoring the prevalence of the parasitic dinoflagellate Hematodinium sp. in snow crabs Chionoecetes opilio from Conception Bay, Newfoundland. Diseases of Aquatic Organisms, 2003, 53, 67-75.	1.0	43
50	Infectivity and pathogenicity of the oomycete <i>Aphanomyces invadans</i> in Atlantic menhaden <i>Brevoortia tyrannus</i> . Diseases of Aquatic Organisms, 2003, 54, 135-146.	1.0	40
51	Induction of Skin Ulcers in Atlantic Menhaden by Injection and Aqueous Exposure to the Zoospores of <i>Aphanomyces invadans</i> . Journal of Aquatic Animal Health, 2002, 14, 11-24.	1.4	39
52	<i>Pfiesteria shumwayae</i> kills fish by micropredation not exotoxin secretion. Nature, 2002, 418, 967-970.	27.8	83
53	Range Extension for <i>Oculophryxus Bicaulis</i> Shields & GÅmez, 1996 (Isopoda, Dajidae) in the South China Sea. Crustaceana, 1998, 71, 167-170.	0.3	3
54	<i>Oculophryxus bicaulis</i> , a new genus and species of dajid isopod parasitic on the euphausiid <i>Stylocheiron affine</i> Hansen. International Journal for Parasitology, 1996, 26, 261-268.	3.1	23

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55	The parasitic dinoflagellates of marine crustaceans. Annual Review of Fish Diseases, 1994, 4, 241-271.	1.0	117
56	Parasites and Symbionts of the Crab <i>Portunus Pelagicus</i> from Moreton Bay, Eastern Australia. Journal of Crustacean Biology, 1992, 12, 94-100.	0.8	85
57	Infestation by Brood Symbionts and Their Impact on Egg Mortality of the Red King Crab, <i>Paralithodes camtschatica</i> , in Alaska: Geographic and Temporal Variation. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 559-568.	1.4	79
58	<i>Carcinonemertes regicides</i> n.sp. (Nemertea), a symbiotic egg predator from the red king crab, <i>Paralithodes camtschatica</i> (Decapoda: Anomura), in Alaska. Canadian Journal of Zoology, 1989, 67, 923-930.	1.0	22
59	An In Vitro Analysis of Egg Mortality in <i>Cancer anthonyi</i> : The Role of Symbionts and Temperature. Biological Bulletin, 1988, 174, 267-275.	1.8	16
60	Climate change enhances disease processes in crustaceans: case studies in lobsters, crabs, and shrimps. Journal of Crustacean Biology, 0, , .	0.8	25