

Daniel D Benetti

List of Publications by Year in descending order

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62
papers

2,356
citations

218677

26
h-index

206112

48
g-index

62
all docs

62
docs citations

62
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Deepwater Horizon</i> crude oil impacts the developing hearts of large predatory pelagic fish. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1510-8.	7.1	359
2	Acute Embryonic or Juvenile Exposure to <i>Deepwater Horizon</i> Crude Oil Impairs the Swimming Performance of Mahi-Mahi (<i>Coryphaena hippurus</i>). Environmental Science & Technology, 2014, 48, 7053-7061.	10.0	200
3	The effects of weathering and chemical dispersion on Deepwater Horizon crude oil toxicity to mahi-mahi (<i>Coryphaena hippurus</i>) early life stages. Science of the Total Environment, 2016, 543, 644-651.	8.0	159
4	Time- and Oil-Dependent Transcriptomic and Physiological Responses to <i>Deepwater Horizon</i> Oil in Mahi-Mahi (<i>Coryphaena hippurus</i>) Embryos and Larvae. Environmental Science & Technology, 2016, 50, 7842-7851.	10.0	123
5	Corresponding morphological and molecular indicators of crude oil toxicity to the developing hearts of mahi mahi. Scientific Reports, 2015, 5, 17326.	3.3	93
6	Advances in hatchery and grow-out technology of cobia <i>Rachycentron canadum</i> (Linnaeus). Aquaculture Research, 2008, 39, 701-711.	1.8	90
7	Pigment abnormalities in flatfish. Aquaculture, 1999, 176, 181-188.	3.5	87
8	Impacts of <i>Deepwater Horizon</i> crude oil exposure on adult mahi-mahi (<i>Coryphaena</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 48	4.3	83
9	Growth rates of cobia (<i>Rachycentron canadum</i>) cultured in open ocean submerged cages in the Caribbean. Aquaculture, 2010, 302, 195-201.	3.5	76
10	Effects of crude oil on in situ cardiac function in young adult mahi-mahi (<i>Coryphaena hippurus</i>). Aquatic Toxicology, 2016, 180, 274-281.	4.0	68
11	Effects of Deepwater Horizon crude oil exposure, temperature and developmental stage on oxygen consumption of embryonic and larval mahi-mahi (<i>Coryphaena hippurus</i>). Aquatic Toxicology, 2016, 181, 113-123.	4.0	67
12	Intensive larval husbandry and fingerling production of cobia <i>Rachycentron canadum</i> . Aquaculture, 2008, 281, 22-27.	3.5	59
13	Ultraviolet Radiation Enhances the Toxicity of <i>Deepwater Horizon</i> Oil to Mahi-mahi (<i>Coryphaena hippurus</i>) Embryos. Environmental Science & Technology, 2016, 50, 2011-2017.	10.0	58
14	Capture, transport, prophylaxis, acclimation, and continuous spawning of Mahi-mahi (<i>Coryphaena</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 48	3.5	48
15	Site Selection Criteria for Open Ocean Aquaculture. Marine Technology Society Journal, 2010, 44, 22-35.	0.4	42
16	Cardio-respiratory function during exercise in the cobia, <i>Rachycentron canadum</i> : The impact of crude oil exposure. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 201, 58-65.	2.6	37
17	Spawning and larval husbandry of flounder (<i>Paralichthys woolmani</i>) and pacific yellowtail (<i>Seriola</i>). Tj ETQq1 1 0.784314 rgBT /Overlock 3.5 35	3.5	35
18	Exposure to ultraviolet radiation late in development increases the toxicity of oil to mahi-mahi (<i>Coryphaena hippurus</i>) embryos. Environmental Toxicology and Chemistry, 2017, 36, 1592-1598.	4.3	35

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19	Combined effects of elevated temperature and Deepwater Horizon oil exposure on the cardiac performance of larval mahi-mahi, <i>Coryphaena hippurus</i> . PLoS ONE, 2018, 13, e0203949.	2.5	33
20	Environmentally conditioned, year-round volitional spawning of cobia (<i>Rachycentron canadum</i>) in broodstock maturation systems. Aquaculture Research, 2012, 43, 1557-1566.	1.8	30
21	Growth, Survival, and Feed Conversion Rates of Hatchery-Reared Mutton Snapper <i>Lutjanus analis</i> Cultured in Floating Net Cages. Journal of the World Aquaculture Society, 2002, 33, 349-357.	2.4	29
22	Combined effects of oil exposure, temperature and ultraviolet radiation on buoyancy and oxygen consumption of embryonic mahi-mahi, <i>Coryphaena hippurus</i> . Aquatic Toxicology, 2017, 191, 113-121.	4.0	29
23	Impacts of <i>Deepwater Horizon</i> Crude Oil on Mahi-Mahi (<i>Coryphaena hippurus</i>) Heart Cell Function. Environmental Science & Technology, 2019, 53, 9895-9904.	10.0	29
24	Assessment of early life stage mahi-mahi windows of sensitivity during acute exposures to <i>Deepwater Horizon</i> crude oil. Environmental Toxicology and Chemistry, 2017, 36, 1887-1895.	4.3	28
25	A novel system for embryo-larval toxicity testing of pelagic fish: Applications for impact assessment of Deepwater Horizon crude oil. Chemosphere, 2016, 162, 261-268.	8.2	27
26	Oil Exposure Impairs In Situ Cardiac Function in Response to β^2 -Adrenergic Stimulation in Cobia (<i>Rachycentron canadum</i>). Environmental Science & Technology, 2017, 51, 14390-14396.	10.0	26
27	Effects of corexit 9500A and Corexit-crude oil mixtures on transcriptomic pathways and developmental toxicity in early life stage mahi-mahi (<i>Coryphaena hippurus</i>). Aquatic Toxicology, 2019, 212, 233-240.	4.0	26
28	Morphology and cardiac physiology are differentially affected by temperature in developing larvae of the marine fish mahi-mahi (<i>Coryphaena hippurus</i>). Biology Open, 2017, 6, 800-809.	1.2	25
29	Combined effects of hypoxia or elevated temperature and Deepwater Horizon crude oil exposure on juvenile mahi-mahi swimming performance. Marine Environmental Research, 2018, 139, 129-135.	2.5	24
30	Optimizing transport of live juvenile cobia (<i>Rachycentron canadum</i>): Effects of salinity and shipping biomass. Aquaculture, 2012, 364-365, 293-297.	3.5	22
31	Dimethyl Sulfide is a Chemical Attractant for Reef Fish Larvae. Scientific Reports, 2017, 7, 2498.	3.3	22
32	Development of Aquaculture Methods for Southern Flounder, <i>Paralichthys lethostigma</i> . Journal of Applied Aquaculture, 2001, 11, 113-133.	1.4	20
33	Epitheliocystis Disease in Cultured Yellowtail <i>Seriola mazatlanensis</i> in Ecuador. Journal of the World Aquaculture Society, 1996, 27, 223-227.	2.4	19
34	Replacement of fish meal by a novel non-GM variety of soybean meal in cobia, <i>Rachycentron canadum</i> : Ingredient nutrient digestibility and growth performance. Aquaculture, 2013, 416-417, 328-333.	3.5	19
35	Deepwater Horizon crude oil exposure alters cholesterol biosynthesis with implications for developmental cardiotoxicity in larval mahi-mahi (<i>Coryphaena hippurus</i>). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 220, 31-35.	2.6	18
36	The nutrient footprint of a submerged cage offshore aquaculture facility located in the tropical Caribbean. Journal of the World Aquaculture Society, 2019, 50, 299-316.	2.4	18

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37	Cobia (<i>Rachycentron canadum</i>) hatchery-to-market aquaculture technology: recent advances at the University of Miami Experimental Hatchery (UMEH). <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 60-67.	0.8	16
38	Exposure to Crude Oil from the <i>Deepwater Horizon</i> Oil Spill Impairs Oil Avoidance Behavior without Affecting Olfactory Physiology in Juvenile Mahi-Mahi (<i>Coryphaena hippurus</i>). <i>Environmental Science & Technology</i> , 2019, 53, 14001-14009.	10.0	16
39	A review on cobia, <scp><i>Rachycentron canadum</i></scp>, aquaculture. <i>Journal of the World Aquaculture Society</i> , 2021, 52, 691-709.	2.4	16
40	Nutritional physiology of mahi-mahi (<i>Coryphaena hippurus</i>): Postprandial metabolic response to different diets and metabolic impacts on swim performance. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 215, 28-34.	1.8	14
41	Advancing production of marine fish in the <scp>United States: Olive</scp> flounder, <scp><i>Paralichthys olivaceus</i></scp>, aquaculture. <i>Journal of the World Aquaculture Society</i> , 2021, 52, 566-581.	2.4	14
42	Development of Aquaculture Methods for Southern Flounder, <i>Paralichthys lethostigma</i> . <i>Journal of Applied Aquaculture</i> , 2001, 11, 135-146.	1.4	13
43	Exposure to Hydraulic Fracturing Flowback Water Impairs <i>Mahi-Mahi</i> (<i>Coryphaena</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> <i>Science & Technology</i> , 2020, 54, 13579-13589.	10.0	13
44	Mahi-mahi (<i>Coryphaena hippurus</i>) life development: morphological, physiological, behavioral and molecular phenotypes. <i>Developmental Dynamics</i> , 2019, 248, 337-350.	1.8	12
45	Improvement of rotifer <i>Brachionus plicatilis</i> population growth dynamics with inclusion of <i>Brachionus acillus</i> spp. probiotics. <i>Aquaculture Research</i> , 2013, 44, 200-211.	1.8	11
46	An integrated systems-level model of the toxicity of brevetoxin based on high-resolution magic-angle spinning nuclear magnetic resonance (HRMAS NMR) metabolic profiling of zebrafish embryos. <i>Science of the Total Environment</i> , 2022, 803, 149858.	8.0	11
47	Characterizing egg quality and larval performance from captive mahi-mahi <i>Coryphaena hippurus</i> (Linnaeus, 1758) spawns over time. <i>Aquaculture Research</i> , 2018, 49, 282-293.	1.8	9
48	Embryonic buoyancy control as a mechanism of ultraviolet radiation avoidance. <i>Science of the Total Environment</i> , 2019, 651, 3070-3078.	8.0	9
49	Quantifying the effects of pop-up satellite archival tags on the swimming performance and behavior of young-adult mahi-mahi (<i>Coryphaena hippurus</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 32-39.	1.4	6
50	Effect of stocking density and feeding regime on larval growth, survival, and larval development of Japanese flounder, <i>Paralichthys olivaceus</i> , using live feeds. <i>Journal of the World Aquaculture Society</i> , 2019, 50, 336-345.	2.4	5
51	Culture of cobia <i>Rachycentron canadum</i> in a recirculation aquaculture system in northern Chile. <i>Latin American Journal of Aquatic Research</i> , 2019, 47, 733-742.	0.6	5
52	Efficacy of a Commercial Probiotic Relative to Oxytetracycline as Gram-Negative Bacterial Control Agents in a Rotifer (<i>Brachionus plicatilis</i>) Batch Culture. <i>North American Journal of Aquaculture</i> , 2011, 73, 343-349.	1.4	4
53	Whole-Transcriptome Sequencing of Epidermal Mucus as a Novel Method for Oil Exposure Assessment in Juvenile Mahi-Mahi (<i>Coryphaena hippurus</i>). <i>Environmental Science and Technology Letters</i> , 2019, 6, 538-544.	8.7	4
54	Ultraviolet avoidance by embryonic buoyancy control in three species of marine fish. <i>Science of the Total Environment</i> , 2022, 806, 150542.	8.0	4

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55	Development of visual function in early life stage mahi-mahi (<i>Coryphaena hippurus</i>). <i>Marine and Freshwater Behaviour and Physiology</i> , 2020, 53, 203-214.	0.9	3
56	Ontogeny of Orientation during the Early Life History of the Pelagic Teleost Mahi-Mahi, <i>Coryphaena hippurus</i> Linnaeus, 1758. <i>Oceans</i> , 2020, 1, 237-250.	1.3	3
57	Evaluating the potential bioextractive capacity of South Florida native macroalgae <i>Agardhiella subulata</i> for use in integrated multi-trophic aquaculture (IMTA). <i>Aquaculture</i> , 2021, 544, 737091.	3.5	3
58	Temperature sensitivity differs between heart and red muscle mitochondria in mahi-mahi (<i>Coryphaena</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.35	2
59	Enhanced oxygen unloading in two marine percomorph teleosts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 264, 111101.	1.8	2
60	The effects of acute temperature change and digestive status on in situ cardiac function in mahi-mahi (<i>Coryphaena hippurus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 255, 110915.	1.8	1
61	Effect of replacing darkness with dim light in the larviculture of red snapper, <i>Lutjanus campechanus</i> . <i>Aquaculture Reports</i> , 2021, 20, 100762.	1.7	1
62	Crude oil impairs heart cell function in the mahi-mahi (<i>Coryphaena hippurus</i>). <i>FASEB Journal</i> , 2018, 32, 602.11.	0.5	1