

Effects of oil exposure and dispersant use upon environment and fitness in the European sea bass, *Dicentrarchus labrax*

Aquatic Toxicology

130-131, 160-170

DOI: [10.1016/j.aquatox.2013.01.004](https://doi.org/10.1016/j.aquatox.2013.01.004)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Impact of dispersed fuel oil on cardiac mitochondrial function in polar cod <i>Boreogadus saida</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 13779-13788.	5.3	19
2	Aquatic ecosystem dynamics following petroleum hydrocarbon perturbations: A review of the current state of knowledge. <i>Journal of Great Lakes Research</i> , 2014, 40, 56-72.	1.9	23
3	Hypoxia tolerance variance between swimming and resting striped bass <i>Morone saxatilis</i> . <i>Journal of Fish Biology</i> , 2015, 87, 510-518.	1.6	13
4	Biomarker modulation associated with marine diesel contamination in the Iceland scallop ( <i>Chlamys</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	5.3	9
5	Acute and long-term biological effects of mechanically and chemically dispersed oil on lump sucker ( <i>Cyclopterus lumpus</i> ). <i>Marine Environmental Research</i> , 2015, 105, 8-19.	2.5	25
6	Oil spill problems and sustainable response strategies through new technologies. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1201-1219.	3.5	250
7	Effect of dispersed crude oil on cardiac function in seabass <i>Dicentrarchus labrax</i> . <i>Chemosphere</i> , 2015, 134, 192-198.	8.2	17
8	Growth and immune system performance to assess the effect of dispersed oil on juvenile sea bass ( <i>Dicentrarchus labrax</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 215-222.	6.0	13
9	Innate immunity and antioxidant systems in different tissues of sea bass ( <i>Dicentrarchus labrax</i> ) exposed to crude oil dispersed mechanically or chemically with Corexit 9500. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 270-278.	6.0	18
10	Calcium response of KCl-excited populations of ventricular myocytes from the European sea bass ( <i>Dicentrarchus labrax</i> ): a promising approach to integrate cell-to-cell heterogeneity in studying the cellular basis of fish cardiac performance. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 755-765.	1.5	4
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12	Individual variation in whole-animal hypoxia tolerance is associated with cardiac hypoxia tolerance in a marine teleost. <i>Biology Letters</i> , 2016, 12, 20150708.	2.3	34
13	Responses by fishes to environmental hypoxia: integration through Fry's concept of aerobic metabolic scope. <i>Journal of Fish Biology</i> , 2016, 88, 232-251.	1.6	198
14	Domestication compromises athleticism and respiratory plasticity in response to aerobic exercise training in Atlantic salmon ( <i>Salmo salar</i> ). <i>Aquaculture</i> , 2016, 463, 79-88.	3.5	46
15	Assessing chronic fish health: An application to a case of an acute exposure to chemically treated crude oil. <i>Aquatic Toxicology</i> , 2016, 178, 197-208.	4.0	46
16	Effects of dispersed oil exposure on biomarker responses and growth in juvenile wolffish <i>Anarhichas denticulatus</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 21441-21450.	5.3	8
17	Context dependency of trait repeatability and its relevance for management and conservation of fish populations. , 2016, 4, cow007.		95
18	The effects of weathering and chemical dispersion on Deepwater Horizon crude oil toxicity to mahi-mahi ( <i>Coryphaena hippurus</i> ) early life stages. <i>Science of the Total Environment</i> , 2016, 543, 644-651.	8.0	159

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19	Intraspecific individual variation of temperature tolerance associated with oxygen demand in the European sea bass ( <i>Dicentrarchus labrax</i> ). , 2016, 4, cov060.		17
20	Dispersed oil decreases the ability of a model fish ( <i>Dicentrarchus labrax</i> ) to cope with hydrostatic pressure. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3054-3062.	5.3	7
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23	Effectiveness of N,O-carboxymethyl chitosan on destabilization of Marine Diesel, Diesel and Marine-2T oil for oil spill treatment. <i>Carbohydrate Polymers</i> , 2017, 167, 326-336.	10.2	58
24	Exposure of European sea bass ( <i>Dicentrarchus labrax</i> ) to chemically dispersed oil has a chronic residual effect on hypoxia tolerance but not aerobic scope. <i>Aquatic Toxicology</i> , 2017, 191, 95-104.	4.0	34
25	Influence of crude oil exposure on cardiac function and thermal tolerance of juvenile rainbow trout and European sea bass. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19624-19634.	5.3	18
26	A rainbow trout <i>Oncorhynchus mykiss</i> strain with higher aerobic scope in normoxia also has superior tolerance of hypoxia. <i>Journal of Fish Biology</i> , 2018, 92, 487-503.	1.6	27
27	The effects of oil induced respiratory impairment on two indices of hypoxia tolerance in Atlantic croaker ( <i>Micropogonias undulatus</i> ). <i>Chemosphere</i> , 2018, 200, 143-150.	8.2	25
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30	Extreme Environments: The New Exploration/Production Oil Area Problem. , 2018, , 83-121.		0
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32	Effects of acute exposure to dispersed oil and burned oil residue on long-term survival, growth, and reproductive development in polar cod ( <i>Boreogadus saida</i> ). <i>Marine Environmental Research</i> , 2018, 140, 468-477.	2.5	18
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35	The sensitivity of a deep-sea fish species ( <i>Anoplopoma fimbria</i> ) to oil-associated aromatic compounds, dispersant, and Alaskan North Slope crude oil. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2210-2221.	4.3	30
36	Critical review and analysis of aquatic toxicity data on oil spill dispersants. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2989-3001.	4.3	57

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37	Repeatability of Hypoxia Tolerance of Individual Juvenile Striped Bass <i>Morone saxatilis</i> and Effects of Social Status. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 396-407.	1.5	4
38	Physiological impacts of Deepwater Horizon oil on fish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 224, 108558.	2.6	46
39	Food deprivation reduces social interest in the European sea bass <i>Dicentrarchus labrax</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	5
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41	Oil exposure alters social group cohesion in fish. <i>Scientific Reports</i> , 2019, 9, 13520.	3.3	27
42	Acute exposure of larval rainbow trout ( <i>Oncorhynchus mykiss</i> ) to elevated temperature limits hsp70b expression and influences future thermotolerance. <i>Hydrobiologia</i> , 2019, 836, 155-167.	2.0	18
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44	The effect of hypoxia and hydrocarbons on the anti-predator performance of European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Environmental Pollution</i> , 2019, 251, 581-590.	7.5	6
45	Ecological response of phytoplankton to the oil spills in the oceans. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 853-872.	4.3	20
46	Oil toxicity and implications for environmental tolerance in fish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 220, 52-61.	2.6	11
47	Oil-induced responses of cardiac and red muscle mitochondria in red drum ( <i>Sciaenops ocellatus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 219, 35-41.	2.6	10
48	Assessing the long-term effect of exposure to dispersant-treated oil on fish health using hypoxia tolerance and temperature susceptibility as ecologically relevant biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 210-221.	4.3	13
49	Oil exposure impairs predator-prey dynamics in larval red drum ( <i>Sciaenops ocellatus</i> ). <i>Marine and Freshwater Research</i> , 2020, 71, 99.	1.3	20
50	Intraspecific variation in tolerance of warming in fishes. <i>Journal of Fish Biology</i> , 2021, 98, 1536-1555.	1.6	69
51	Loss of hypoxia-inducible factor 1 $\pm$ affects hypoxia tolerance in larval and adult zebrafish ( <i>Danio rerio</i> ). <i>Journal of Experimental Biology</i> , 2020, 233, 1-11.	2.6	18
52	The additive effects of oil exposure and hypoxia on aerobic performance in red drum ( <i>Sciaenops ocellatus</i> ). <i>Journal of Experimental Biology</i> , 2020, 233, 1-11.	8.0	21
53	Hypoxia tolerance is unrelated to swimming metabolism of wild, juvenile striped bass ( <i>Morone saxatilis</i> ). <i>Journal of Experimental Biology</i> , 2020, 233, 1-11.	1.7	0
54	Effects of diluted bitumen exposure on Atlantic salmon smolts: Molecular and metabolic responses in relation to swimming performance. <i>Aquatic Toxicology</i> , 2020, 221, 105423.	4.0	12

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55	Effects of diluted bitumen exposure and recovery on the seawater acclimation response of Atlantic salmon smolts. <i>Aquatic Toxicology</i> , 2020, 221, 105419.	4.0	13
56	Unlocking the intraspecific aquaculture potential from the wild biodiversity to facilitate aquaculture development. <i>Reviews in Aquaculture</i> , 2020, 12, 2212-2227.	9.0	11
57	Effects of dispersant treated oil upon exploratory behaviour in juvenile European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111592.	6.0	6
58	Stage-dependent and regioselective toxicity of 2- and 6-hydroxychrysene during Japanese medaka embryogenesis. <i>Aquatic Toxicology</i> , 2021, 234, 105791.	4.0	3
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65	Hypoxia tolerance and responses to hypoxic stress during heart and skeletal muscle inflammation in Atlantic salmon ( <i>Salmo salar</i> ). <i>PLoS ONE</i> , 2017, 12, e0181109.	2.5	48
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73	Warm, but not hypoxic acclimation, prolongs ventricular diastole and decreases the protein level of Na <sup>+</sup> /Ca <sup>2+</sup> exchanger to enhance cardiac thermal tolerance in European sea bass. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2022, 272, 111266.	1.8	3

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75	Are resistances to acute hyperthermia or hypoxia stress similar and consistent between early and late ages in rainbow trout using isogenic lines?. <i>Aquaculture</i> , 2023, 562, 738800.	3.5	5
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