

Hypoxia: from molecular responses to ecosystem respo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Does the development of respiratory regulation always accompany the transition from pelagic larvae to benthic fossorial postlarvae in the Norway lobster <i>Nephrops norvegicus</i> (L.)?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 295, 219-243.	1.5	52
2	Feeding habits of asteroids, <i>Luidia quinaria</i> and <i>Astropecten scoparius</i> , in Ise Bay, Central Japan. <i>Fisheries Science</i> , 2003, 69, 1121-1134.	1.6	7
3	Factors affecting meiofaunal community structure in the Pina Basin, an urbanized embayment on the coast of Pernambuco, Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 1209-1213.	0.8	29
4	Long-Term Investigation of Spatio-Temporal Variations in Faunal Composition and Species Richness of Megabenthos in Ise Bay, Central Japan. <i>Journal of Oceanography</i> , 2004, 60, 1071-1083.	1.7	6
5	Sensing and signalling during plant flooding. <i>Plant Physiology and Biochemistry</i> , 2004, 42, 273-282.	5.8	206
6	Biogeochemistry of methylmercury in sediments of Long Island Sound. <i>Marine Chemistry</i> , 2004, 90, 31-52.	2.3	169
7	Aquatic Hypoxia Is a Teratogen and Affects Fish Embryonic Development. <i>Environmental Science & Technology</i> , 2004, 38, 4763-4767.	10.0	191
8	HIF and anapnyxia; a case for crabs. <i>International Congress Series</i> , 2004, 1275, 79-88.	0.2	7
9	Oxygen sensation and social feeding mediated by a <i>C. elegans</i> guanylate cyclase homologue. <i>Nature</i> , 2004, 430, 317-322.	27.8	529
10	An Assessment of Seabed Impacts of Synthetic-Based Drilling-Mud Cuttings in the Gulf of Mexico. , 2005, , .		9
11	Response of the Pacific oyster <i>Crassostrea gigas</i> to hypoxia exposure under experimental conditions. <i>FEBS Journal</i> , 2005, 272, 5635-5652.	4.7	189
12	The effect of oxygen on the growth of <i>Oncorhynchus mykiss</i> embryos with and without a chorion. <i>Journal of Fish Biology</i> , 2005, 67, 1544-1551.	1.6	38
13	Oxidative stress in digestive gland and gill of the brown mussel (<i>Perna perna</i>) exposed to air and re-submersed. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 318, 21-30.	1.5	147
14	Effects of estuarine conditions and organic enrichment on the fecundity and hatching success of <i>Acartia clausi</i> in contrasting systems. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 320, 105-122.	1.5	10
15	Hypoxia tolerance in two juvenile estuary-dependent fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 325, 146-162.	1.5	68
16	The extinction by sulfide turnover and recovery of a naturally eutrophic, meromictic seawater lake. <i>Journal of Marine Systems</i> , 2005, 56, 29-44.	2.1	41
17	The nitrogen cycle in the Arabian Sea. <i>Progress in Oceanography</i> , 2005, 65, 145-158.	3.2	123
18	Faunal Change of Bivalves in Ariake Bay after the Construction of a Dikey for the Reclamation of Isahaya Bay, Western Kyushu, Japan. <i>Japanese Journal of Benthology</i> , 2005, 60, 30-42.	0.1	6

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19	CRF-related peptides contribute to stress response and regulation of appetite in hypoxic rainbow trout. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R982-R990.	1.8	71
20	Soft-bottom fauna and oxygen minima in sub-arctic north Norwegian marine sill basins. Marine Biology Research, 2005, 1, 85-96.	0.7	16
21	Relative sensitivities of common freshwater fish and invertebrates to acute hypoxia. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 1061-1067.	2.0	65
22	Metabolic changes in Japanese medaka (<i>Oryzias latipes</i>) during embryogenesis and hypoxia as determined by in vivo ³¹ P NMR. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 140, 103-113.	2.6	31
23	Oxygen levels versus chemical pollutants: do they have similar influence on macrofaunal assemblages? A case study in a harbour with two opposing entrances. Environmental Pollution, 2005, 135, 281-291.	7.5	48
24	Ontogeny of tolerance to hypoxia and oxygen consumption of larval and juvenile red sea bream, <i>Pagrus major</i> . Aquaculture, 2005, 244, 331-340.	3.5	40
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27	Hypereutrophication in Ngau Mei Hoi Bay, Hong Kong. Journal of Coastal Research, 2006, 226, 1565-1572.	0.3	4
28	Changes in subtidal macroinvertebrate community structure in Wellington Harbour (New Zealand) following a large-scale natural die-off. New Zealand Journal of Marine and Freshwater Research, 2006, 40, 29-42.	2.0	7
29	Drastic change of bivalves and gastropods caused by the huge reclamation projects in Japan and Korea. Plankton and Benthos Research, 2006, 1, 123-137.	0.6	30
30	Hypoxia induces telomerase reverse transcriptase (TERT) gene expression in non-tumor fish tissues in vivo: the marine medaka (<i>Oryzias melastigma</i>) model. BMC Molecular Biology, 2006, 7, 27.	3.0	54
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32	Modeling of dissolved oxygen levels in the bottom waters of the Lower St. Lawrence Estuary: Coupling of benthic and pelagic processes. Marine Chemistry, 2006, 102, 13-32.	2.3	40
33	Can Hypoxia Tolerance Explain Differences in Distribution of Two Co-Occurring North Temperate Sunfishes?. Environmental Biology of Fishes, 2006, 78, 83-90.	1.0	33
34	Spatial variations in size, weight and condition factor of the females of <i>Acartia clausi</i> (Copepoda: Tj ETQq1 1 0.784314 rgBT /Overload Hydrobiologia, 2006, 571, 329-339.	2.0	8
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36	Behavioral responses of tilapia (<i>Oreochromis niloticus</i>) to acute fluctuations in dissolved oxygen levels as monitored by computer vision. Aquacultural Engineering, 2006, 35, 207-217.	3.1	98

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37	Hypoxia and seasonal temperature: Short-term effects and long-term implications for <i>Acartia tonsa</i> dana. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 328, 177-196.	1.5	60
38	Effects of tidal flat reclamation on sediment quality and hypoxia in Isahaya Bay. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006, 16, 555-567.	2.0	29
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40	Hypoxia in the Eemian: mollusc faunas and sediment mineralogy from Cyprina Clay in the southern Baltic region. <i>Boreas</i> , 2006, 35, 367-377.	2.4	18
41	Hypoxia in the Upper Half of Narragansett Bay, RI, During August 2001 and 2002. <i>Northeastern Naturalist</i> , 2006, 13, 173-198.	0.3	40
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45	Widespread endocrine disruption and reproductive impairment in an estuarine fish population exposed to seasonal hypoxia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2693-2702.	2.6	165
46	Tolerance and behaviour of the mysid shrimp <i>Tenagomysis novaezealandiae</i> to low dissolved oxygen. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2007, 41, 317-323.	2.0	4
47	Change in the Structure of Sublittoral Gammaridean Amphipod Assemblages in Ariake Sound Subsequent to the Artificial Closure of Innermost Isahaya Bay. <i>Japanese Journal of Benthology</i> , 2007, 62, 17-33.	0.1	1
48	Oxygen depletion and benthic mortalities: the first in situ experimental approach to documenting an elusive phenomenon. <i>Limnology and Oceanography: Methods</i> , 2007, 5, 344-352.	2.0	52
49	An in vivo study of common carp (<i>Cyprinus carpio</i> L.) liver during prolonged hypoxia. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2007, 2, 295-302.	1.0	22
50	Influence of estuarine hypoxia on feeding and sound production by two sympatric pipefish species (Syngnathidae). <i>Marine Environmental Research</i> , 2007, 63, 350-367.	2.5	41
51	Acute Hypoxiaâ€“Reperfusion Triggers Immunocompromise in Nile Tilapia. <i>Journal of Aquatic Animal Health</i> , 2007, 19, 128-140.	1.4	54
52	Critical load exceedance for nitrogen in the EbriÃ© Lagoon (Ivory Coast): a first assessment. <i>Journal of Integrative Environmental Sciences</i> , 2007, 4, 5-19.	0.8	3
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54	Burst and coast use, swimming performance and metabolism of Atlantic cod <i>Gadus morhua</i> in sublethal hypoxic conditions. <i>Journal of Fish Biology</i> , 2007, 71, 363-375.	1.6	42

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56	Devonian monospecific assemblages: new insights into the ecology of reduced oxygen depositional settings. <i>Lethaia</i> , 2007, 40, 321-333.	1.4	19
57	The venous circulation: A piscine perspective. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 785-801.	1.8	46
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59	Molecular and whole animal responses of grass shrimp, <i>Palaemonetes pugio</i> , exposed to chronic hypoxia. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 341, 16-31.	1.5	50
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61	Asteroid impact in the Black Sea. Death by drowning or asphyxiation?. <i>Natural Hazards</i> , 2007, 40, 327-338.	3.4	18
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65	Influences of altitude on growth curves in Tibetan chicken and its hybrid. <i>Frontiers of Agriculture in China</i> , 2008, 2, 237-241.	0.2	2
66	Coelomocyte numbers and expression of HSP70 in wounded sea stars during hypoxia. <i>Cell and Tissue Research</i> , 2008, 334, 319-325.	2.9	27
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68	Evidence of Ecological Impacts from Excess Nutrients in Upper Narragansett Bay. , 2008, , 349-381.		24
69	A field and experimental study on the tolerances of fish to <i>Eucalyptus camaldulensis</i> leachate and low dissolved oxygen concentrations. <i>Marine and Freshwater Research</i> , 2008, 59, 177.	1.3	51
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75	Hypoxia impairs embryo development and survival in black bream (<i>Acanthopagrus butcheri</i>). <i>Marine Pollution Bulletin</i> , 2008, 57, 302-306.	5.0	56
76	Environmental hypoxia as a metabolic constraint on fish: The case of Atlantic cod, <i>Gadus morhua</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 287-294.	5.0	138
77	Influences of ammonia—nitrogen and dissolved oxygen on lysosomal integrity in green-lipped mussel <i>Perna viridis</i> : Laboratory evaluation and field validation in Victoria Harbour, Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 56, 2052-2058.	5.0	18
78	Behavioral effects of low dissolved oxygen on the bivalve <i>Macoma balthica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 359, 34-39.	1.5	80
79	Oxygen depletion under glass: Behavioural responses of benthic macrofauna to induced anoxia in the Northern Adriatic. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 367, 17-27.	1.5	75
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81	Interactive effects of ammonia and oxygen on growth and physiological status of juvenile Atlantic cod (<i>Gadus morhua</i>). <i>Aquaculture</i> , 2008, 274, 292-299.	3.5	45
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86	Thresholds of hypoxia for marine biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15452-15457.	7.1	1,395
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98	Nitrite modulates contractility of teleost (<i>Anguilla anguilla</i> and <i>Chionodraco hamatus</i> , i.e. the Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Bioenergetics, 2009, 1787, 849-855.	1.0	31
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105	Effects of angler-induced exercise and air exposure on the mortality of mouth-hooked yellowfin bream (<i>Acanthopagrus australis</i>). Journal of Applied Ichthyology, 2009, 25, 100-103.	0.7	6
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115	Hypoxia, Nitrogen, and Fisheries: Integrating Effects Across Local and Global Landscapes. <i>Annual Review of Marine Science</i> , 2009, 1, 329-349.	11.6	298
117	Chapter 3 Effects of Hypoxia on Fish Reproduction and Development. <i>Fish Physiology</i> , 2009, 27, 79-141.	0.8	67
118	Chapter 6 Blood—Gas Transport and Hemoglobin Function. <i>Fish Physiology</i> , 2009, , 255-299.	0.8	57
119	Environmental and Physiological Controls of Blue Crab Avoidance Behavior During Exposure to Hypoxia. <i>Biological Bulletin</i> , 2009, 217, 161-172.	1.8	15
120	The Effect of Sewage Pollutant of Bandar Imam Petrochemical Company on Benthic Macrofauna Community Using Biodiversity Indices and Bioindicators. , 2009, , .		0
121	A Case History of the Science and Management Collaboration in Understanding Hypoxia Events in Long Bay, South Carolina, USA. <i>Environmental Management</i> , 2010, 46, 340-350.	2.7	5
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127	Ecosystem engineering potential of the gastropod <i>Terebralia palustris</i> (Linnaeus, 1767) in mangrove wastewater wetlands — A controlled mesocosm experiment. <i>Environmental Pollution</i> , 2010, 158, 258-266.	7.5	17

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135	Survival of Diploid and Triploid <i>Rhamdia quelen</i> Juveniles Under Different Oxygen Concentrations. Journal of Applied Aquaculture, 2010, 22, 30-38.	1.4	4
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