Milica Mandic

List of Publications by Year
in descending order

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22 papers	762 citations	687363 13 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	652 citing authors

#	Article	IF	Citations
1	Aquatic surface respiration improves survival during hypoxia in zebrafish (Danio rerio) lacking hypoxia-inducible factor 1-Î±. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211863.	2.6	2
2	Use of a carbonic anhydrase Ca17a knockout to investigate mechanisms of ion uptake in zebrafish (Danio rerio). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R55-R68.	1.8	6
3	The evolutionary and physiological significance of the Hif pathway in teleost fishes. Journal of Experimental Biology, 2021, 224, .	1.7	16
4	Hypoxia inducible factor 1-Î± is minimally involved in determining the time domains of the hypoxic ventilatory response in adult zebrafish (Danio rerio). Respiratory Physiology and Neurobiology, 2021, 294, 103774.	1.6	5
5	Breathing with fins: do the pectoral fins of larval fishes play a respiratory role?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R89-R97.	1.8	21
6	Loss of hypoxia-inducible factor 1Î± affects hypoxia tolerance in larval and adult zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	18
7	Relationships between the peak hypoxic ventilatory response and critical O2 tension in larval and adult zebrafish (Danio rerio). Journal of Experimental Biology, 2020, 223, .	1.7	12
8	Hif-1Î± paralogs play a role in the hypoxic ventilatory response of larval and adult zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	16
9	Don't throw the fish out with the respirometry water. Journal of Experimental Biology, 2019, 222, .	1.7	43
10	Evaluating the physiological significance of hypoxic hyperventilation in larval zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	15
11	Ethanol metabolism varies with hypoxia tolerance in ten cyprinid species. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2018, 188, 283-293.	1.5	15
12	Variable gene transcription underlies phenotypic convergence of hypoxia tolerance in sculpins. BMC Evolutionary Biology, 2018, 18, 163.	3.2	7
13	Can variation among hypoxic environments explain why different fish species use different hypoxic survival strategies?. Journal of Experimental Biology, 2018, 221, .	1.7	34
14	Evolution of Cytochrome c Oxidase in Hypoxia Tolerant Sculpins (Cottidae, Actinopterygii). Molecular Biology and Evolution, 2017, 34, 2153-2162.	8.9	27
15	Divergent transcriptional patterns are related to differences in hypoxia tolerance between the intertidal and the subtidal sculpins. Molecular Ecology, 2014, 23, 6091-6103.	3.9	22
16	Critical oxygen tensions as predictors of hypoxia tolerance and tissue metabolic responses during hypoxia exposure in fishes. Journal of Experimental Marine Biology and Ecology, 2013, 449, 239-249.	1.5	62
17	Hypoxia Tolerance in Sculpins Is Associated with High Anaerobic Enzyme Activity in Brain but Not in Liver or Muscle. Physiological and Biochemical Zoology, 2013, 86, 92-105.	1.5	76
18	Mechanisms and evolution of hypoxia tolerance in fish. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 735-744.	2.6	225

#	Article	IF	Citations
19	Escaping to the Surface: A Phylogenetically Independent Analysis of Hypoxiaâ€Induced Respiratory Behaviors in Sculpins. Physiological and Biochemical Zoology, 2009, 82, 730-738.	1.5	36
20	The response of the tidepool sculpin, Oligocottus maculosus, to hypoxia in laboratory, mesocosm and field environments. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 149, 284-292.	1.8	44
21	Metabolic recovery in goldfish: A comparison of recovery from severe hypoxia exposure and exhaustive exercise. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 332-338.	2.6	14
22	The Osmorespiratory Compromise in Sculpins: Impaired Gas Exchange Is Associated with Freshwater Tolerance. Physiological and Biochemical Zoology, 2008, 81, 310-319.	1.5	46