

Hiroaki Murakami

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental DNA as a "Snapshot"™ of Fish Distribution: A Case Study of Japanese Jack Mackerel in Maizuru Bay, Sea of Japan. PLoS ONE, 2016, 11, e0149786.	2.5	192
2	Effect of water temperature and fish biomass on environmental DNA shedding, degradation, and size distribution. Ecology and Evolution, 2019, 9, 1135-1146.	1.9	183
3	Rapid degradation of longer <sc>DNA</sc> fragments enables the improved estimation of distribution and biomass using environmental <sc>DNA</sc>. Molecular Ecology Resources, 2017, 17, e25-e33.	4.8	113
4	Dispersion and degradation of environmental DNA from caged fish in a marine environment. Fisheries Science, 2019, 85, 327-337.	1.6	102
5	Estimating shedding and decay rates of environmental nuclear DNA with relation to water temperature and biomass. Environmental DNA, 2020, 2, 140-151.	5.8	52
6	Estimating fish population abundance by integrating quantitative data on environmental DNA and hydrodynamic modelling. Molecular Ecology, 2021, 30, 3057-3067.	3.9	50
7	Particle Size Distribution of Environmental DNA from the Nuclei of Marine Fish. Environmental Science & Technology, 2019, 53, 9947-9956.	10.0	46
8	Biomass-dependent emission of environmental DNA in jack mackerel <i>Trachurus japonicus</i> juveniles. Journal of Fish Biology, 2019, 95, 979-981.	1.6	18
9	Selective collection of long fragments of environmental DNA using larger pore size filter. Science of the Total Environment, 2020, 735, 139462.	8.0	17
10	Seasonal changes in the distribution of black sea bream <i>Acanthopagrus schlegelii</i> estimated by environmental DNA. Fisheries Science, 2022, 88, 91-107.	1.6	5
11	Environmental DNA emission by two carangid fishes in single and mixed-species tanks. Fisheries Science, 2022, 88, 55-62.	1.6	4
12	Inconsistency between salinity preference and habitat salinity in euryhaline gobiid fishes in the Isazu River, northern Kyoto Prefecture. Journal of Ethology, 2017, 35, 203-211.	0.8	3