Satoshi Yamamoto

List of Publications by Year
in descending order

24 papers	1,629 citations	567281 15 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1443 citing authors

#	Article	IF	Citations
1	Environmental DNA emission by two carangid fishes in single and mixed-species tanks. Fisheries Science, 2022, 88, 55-62.	1.6	4
2	Estimating fish population abundance by integrating quantitative data on environmental DNA and hydrodynamic modelling. Molecular Ecology, 2021, 30, 3057-3067.	3.9	50
3	Characterizing the spatial and temporal occurrence patterns of the endangered botiid loach Parabotia curtus by environmental DNA analysis using a newly developed species-specific primer set. Ichthyological Research, 2021, 68, 152-157.	0.8	7
4	An illustrated manual for environmental DNA research: Water sampling guidelines and experimental protocols. Environmental DNA, 2021, 3, 8-13.	5.8	102
5	Compilation of realâ€time <scp>PCR</scp> conditions toward the standardization of <scp>environmental DNA</scp> methods. Ecological Research, 2021, 36, 379-388.	1.5	14
6	eDNA as a tool for non-invasive monitoring of the fauna of a turbid, well-mixed system, the Elbe estuary in Germany. PLoS ONE, 2021, 16, e0250452.	2.5	12
7	Population abundance gradient of Inurois punctigera along altitude. Entomological Science, 2020, 23, 23-27.	0.6	1
8	Detection of herbivory: eDNA detection from feeding marks on leaves. Environmental DNA, 2020, 2, 627-634.	5.8	13
9	Sedimentary eDNA provides different information on timescale and fish species composition compared with aqueous eDNA. Environmental DNA, 2020, 2, 505-518.	5.8	77
10	Estimations of Riverine Distribution, Abundance, and Biomass of Anguillid Eels in Japan and Taiwan Using Environmental DNA Analysis. Zoological Studies, 2020, 59, e17.	0.3	9
11	Biomassâ€dependent emission of environmental DNA in jack mackerel Trachurus japonicus juveniles. Journal of Fish Biology, 2019, 95, 979-981.	1.6	18
12	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
13	Dispersion and degradation of environmental DNA from caged fish in a marine environment. Fisheries Science, 2019, 85, 327-337.	1.6	102
14	Comparing localâ€•and regionalâ€scale estimations of the diversity of stream fish using <scp>eDNA</scp> metabarcoding and conventional observation methods. Freshwater Biology, 2018, 63, 569-580.	2.4	88
15	A generalist herbivore requires a wide array of plant species to maintain its populations. Biological Conservation, 2018, 228, 167-174.	4.1	13
16	Environmental DNA metabarcoding reveals local fish communities in a species-rich coastal sea. Scientific Reports, 2017, 7, 40368.	3.3	348
17	Rapid degradation of longer <scp>DNA</scp> fragments enables the improved estimation of distribution and biomass using environmental <scp>DNA</scp>. Molecular Ecology Resources, 2017, 17, e25-e33.	4.8	113
18	Environmental DNA reflects spatial and temporal jellyfish distribution. PLoS ONE, 2017, 12, e0173073.	2.5	87

#	Article	IF	Citations
19	Phylogenetic analysis of the winter geometrid genus Inurois reveals repeated reproductive season shifts. Molecular Phylogenetics and Evolution, 2016, 94, 47-54.	2.7	9
20	Environmental DNA as a â€˜Snapshotâ€™ of Fish Distribution: A Case Study of Japanese Jack Mackerel in Maizuru Bay, Sea of Japan. PLoS ONE, 2016, 11, e0149786.	2.5	192
21	Spatial Segregation and Aggregation of Ectomycorrhizal and Root-Endophytic Fungi in the Seedlings of Two Quercus Species. PLoS ONE, 2014, 9, e96363.	2.5	32
22	Parallel allochronic divergence in a winter moth due to disruption of reproductive period by winter harshness. Molecular Ecology, 2012, 21, 174-183.	3.9	22
23	Incipient allochronic speciation by climatic disruption of the reproductive period. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2711-2719.	2.6	51
24	Phylogeny of the Geometridae and the evolution of winter moths inferred from a simultaneous analysis of mitochondrial and nuclear genes. Molecular Phylogenetics and Evolution, 2007, 44, 711-723.	2.7	75