

Toshiaki Jo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

599
citations

933264

10
h-index

1125617

13
g-index

17
all docs

17
docs citations

17
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of water temperature and fish biomass on environmental DNA shedding, degradation, and size distribution. <i>Ecology and Evolution</i> , 2019, 9, 1135-1146.	0.8	183
2	Rapid degradation of longer <sc>DNA</sc> fragments enables the improved estimation of distribution and biomass using environmental <sc>DNA</sc>. <i>Molecular Ecology Resources</i> , 2017, 17, e25-e33.	2.2	113
3	Estimating shedding and decay rates of environmental nuclear DNA with relation to water temperature and biomass. <i>Environmental DNA</i> , 2020, 2, 140-151.	3.1	52
4	Complex interactions between environmental DNA (eDNA) state and water chemistries on eDNA persistence suggested by meta-analysis. <i>Molecular Ecology Resources</i> , 2021, 21, 1490-1503.	2.2	51
5	Particle Size Distribution of Environmental DNA from the Nuclei of Marine Fish. <i>Environmental Science & Technology</i> , 2019, 53, 9947-9956.	4.6	46
6	Linking the state of environmental DNA to its application for biomonitoring and stock assessment: Targeting mitochondrial/nuclear genes, and different DNA fragment lengths and particle sizes. <i>Environmental DNA</i> , 2022, 4, 271-283.	3.1	46
7	Meta-analysis of environmental DNA downstream transport and deposition in relation to hydrogeography in riverine environments. <i>Freshwater Biology</i> , 2022, 67, 1333-1343.	1.2	28
8	Multiplex real-time PCR enables the simultaneous detection of environmental DNA from freshwater fishes: a case study of three exotic and three threatened native fishes in Japan. <i>Biological Invasions</i> , 2020, 22, 455-471.	1.2	18
9	Warm temperature and alkaline conditions accelerate environmental <sc>RNA</sc> degradation. <i>Environmental DNA</i> , 2023, 5, 836-848.	3.1	18
10	Selective collection of long fragments of environmental DNA using larger pore size filter. <i>Science of the Total Environment</i> , 2020, 735, 139462.	3.9	17
11	Utility of environmental DNA analysis for effective monitoring of invasive fish species in reservoirs. <i>Ecosphere</i> , 2021, 12, e03643.	1.0	12
12	Valuing the cultural services from urban blue-space ecosystems in Japanese megacities during the <sc>COVID</sc>-19 pandemic. <i>People and Nature</i> , 2022, 4, 1176-1189.	1.7	8
13	Universal performance of benzalkonium chloride for the preservation of environmental <sc>DNA</sc> in seawater samples. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 758-768.	1.0	7