

# Toshiaki Jo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2940294/publications.pdf>

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	Warm temperature and alkaline conditions accelerate environmental <sc>RNA</sc> degradation. Environmental DNA, 2023, 5, 836-848.	3.1	18
2	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. Environmental DNA, 2022, 4, 271-283.	3.1	46
3	Meta-analyses of environmental DNA downstream transport and deposition in relation to hydrogeography in riverine environments. Freshwater Biology, 2022, 67, 1333-1343.	1.2	28
4	Valuing the cultural services from urban blue-space ecosystems in Japanese megacities during the <sc>COVID</sc>-19 pandemic. People and Nature, 2022, 4, 1176-1189.	1.7	8
5	Complex interactions between environmental DNA (eDNA) state and water chemistries on eDNA persistence suggested by meta-analyses. Molecular Ecology Resources, 2021, 21, 1490-1503.	2.2	51
6	Utility of environmental DNA analysis for effective monitoring of invasive fish species in reservoirs. Ecosphere, 2021, 12, e03643.	1.0	12
7	Universal performance of benzalkonium chloride for the preservation of environmental <sc>DNA</sc> in seawater samples. Limnology and Oceanography: Methods, 2021, 19, 758-768.	1.0	7
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. Biological Invasions, 2020, 22, 455-471.	1.2	18
9	Estimating shedding and decay rates of environmental nuclear DNA with relation to water temperature and biomass. Environmental DNA, 2020, 2, 140-151.	3.1	52
10	Selective collection of long fragments of environmental DNA using larger pore size filter. Science of the Total Environment, 2020, 735, 139462.	3.9	17
11	Particle Size Distribution of Environmental DNA from the Nuclei of Marine Fish. Environmental Science & Technology, 2019, 53, 9947-9956.	4.6	46
12	Effect of water temperature and fish biomass on environmental DNA shedding, degradation, and size distribution. Ecology and Evolution, 2019, 9, 1135-1146.	0.8	183
13	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.	2.2	113