

# Anaïs Lacoursière-Roussel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6867214/publications.pdf>

Version: 2024-02-01

18  
papers

2,507  
citations

567281

15  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental <a href="#">DNA</a> metabarcoding: Transforming how we survey animal and plant communities. <i>Molecular Ecology</i> , 2017, 26, 5872-5895.	3.9	1,210
2	Estimating fish abundance and biomass from <a href="#">eDNA</a> concentrations: variability among capture methods and environmental conditions. <i>Molecular Ecology Resources</i> , 2016, 16, 1401-1414.	4.8	232
3	Quantifying relative fish abundance with <a href="#">eDNA</a> : a promising tool for fisheries management. <i>Journal of Applied Ecology</i> , 2016, 53, 1148-1157.	4.0	224
4	<a href="#">eDNA</a> metabarcoding as a new surveillance approach for coastal Arctic biodiversity. <i>Ecology and Evolution</i> , 2018, 8, 7763-7777.	1.9	154
5	Effects of sampling effort on biodiversity patterns estimated from environmental DNA metabarcoding surveys. <i>Scientific Reports</i> , 2018, 8, 8843.	3.3	113
6	Hull fouling as an invasion vector: can simple models explain a complex problem?. <i>Journal of Applied Ecology</i> , 2011, 48, 415-423.	4.0	108
7	Improving herpetological surveys in eastern North America using the environmental DNA method. <i>Genome</i> , 2016, 59, 991-1007.	2.0	68
8	Trade-offs between reducing complex terminology and producing accurate interpretations from environmental DNA: Comment on "Environmental DNA: What's behind the term?" by Pawlowski et al., (2020). <i>Molecular Ecology</i> , 2021, 30, 4601-4605.	3.9	60
9	Optimising the detection of marine taxonomic richness using environmental DNA metabarcoding: the effects of filter material, pore size and extraction method. <i>Metabarcoding and Metagenomics</i> , 0, 2, .	0.0	55
10	Comparing eDNA metabarcoding and species collection for documenting Arctic metazoan biodiversity. <i>Environmental DNA</i> , 2019, 1, 342-358.	5.8	51
11	Complex genetic patterns in closely related colonizing invasive species. <i>Ecology and Evolution</i> , 2012, 2, 1331-1346.	1.9	50
12	Environmental DNA is not the tool by itself. <i>Journal of Fish Biology</i> , 2021, 98, 383-386.	1.6	47
13	Disentangling invasion processes in a dynamic shipping "boating network. <i>Molecular Ecology</i> , 2012, 21, 4227-4241.	3.9	35
14	Spatial Heterogeneity of eDNA Transport Improves Stream Assessment of Threatened Salmon Presence, Abundance, and Location. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	33
15	Effect of shipping traffic on biofouling invasion success at population and community levels. <i>Biological Invasions</i> , 2016, 18, 3681-3695.	2.4	30
16	Modeling biofouling from boat and source characteristics: a comparative study between Canada and New Zealand. <i>Biological Invasions</i> , 2012, 14, 2301-2314.	2.4	21
17	Detecting community change in Arctic marine ecosystems using the temporal dynamics of environmental DNA. <i>Environmental DNA</i> , 2021, 3, 573-590.	5.8	11
18	Sexual System and Female Spawning Frequency in the Sculptured Shrimp <i>Sclerocrangon boreas</i> (Decapoda: Caridea: Crangonidae). <i>Journal of Crustacean Biology</i> , 2009, 29, 192-200.	0.8	4