Lynsey R Harper

List of Publications by Year
in descending order

25 papers	934 citations	623734 14 h-index	713466 21 g-index
38 all docs	38 docs citations	38 times ranked	1054 citing authors

#	Article	IF	Citations
1	Needle in a haystack? A comparison of <scp>eDNA</scp> metabarcoding and targeted <scp>qPCR</scp> for detection of the great crested newt (Triturus cristatus). Ecology and Evolution, 2018, 8, 6330-6341.	1.9	157
2	Prospects and challenges of environmental DNA (eDNA) monitoring in freshwater ponds. Hydrobiologia, 2019, 826, 25-41.	2.0	151
3	A validation scale to determine the readiness of environmental DNA assays for routine species monitoring. Environmental DNA, 2021, 3, 823-836.	5.8	102
4	Environmental DNA (eDNA) metabarcoding of pond water as a tool to survey conservation and management priority mammals. Biological Conservation, 2019, 238, 108225.	4.1	85
5	Fishing for mammals: Landscapeâ€level monitoring of terrestrial and semiâ€aquatic communities using eDNA from riverine systems. Journal of Applied Ecology, 2020, 57, 707-716.	4.0	79
6	Development and application of environmental DNA surveillance for the threatened crucian carp (Carassius carassius). Freshwater Biology, 2019, 64, 93-107.	2.4	48
7	Pond ecology and conservation: research priorities and knowledge gaps. Ecosphere, 2021, 12, .	2.2	34
8	Limited dispersion and quick degradation of environmental DNA in fish ponds inferred by metabarcoding. Environmental DNA, 2019, 1, 238-250.	5.8	30
9	Targeted and passive environmental DNA approaches outperform established methods for detection of quagga mussels, Dreissena rostriformis bugensis in flowing water. Ecology and Evolution, 2020, 10, 13248-13259.	1.9	25
10	Little samplers, big fleet: eDNA metabarcoding from commercial trawlers enhances ocean monitoring. Fisheries Research, 2022, 249, 106259.	1.7	23
11	Environmental DNA metabarcoding uncovers environmental correlates of fish communities in spatially heterogeneous freshwater habitats. Ecological Indicators, 2021, 126, 107698.	6.3	22
12	Navigating the tradeâ€offs between environmental <scp>DNA</scp> and conventional field surveys for improved amphibian monitoring. Ecosphere, 2022, 13, .	2.2	22
13	Finding Crush: Environmental DNA Analysis as a Tool for Tracking the Green Sea Turtle Chelonia mydas in a Marine Estuary. Frontiers in Marine Science, 2020, 6, .	2.5	20
14	Environmental DNA is effective in detecting the federally threatened Louisiana Pinesnake (Pituophis) Tj ETQq0 0 0 rgBT /Overlock 10	5.8	19
15	Mapping biodiversity hotspots of fish communities in subtropical streams through environmental DNA. Scientific Reports, 2021, 11, 10375.	3.3	15
16	Assessing the impact of the threatened crucian carp (Carassius carassius) on pond invertebrate diversity: A comparison of conventional and molecular tools. Molecular Ecology, 2021, 30, 3252-3269.	3.9	13
17	Generating and testing ecological hypotheses at the pondscape with environmental DNA metabarcoding: A case study on a threatened amphibian. Environmental DNA, 2020, 2, 184-199.	5.8	13
18	Using DNA metabarcoding to investigate diet and niche partitioning in the native European otter (Lutra lutra) and invasive American mink (Neovison vison). Metabarcoding and Metagenomics, 0, 4, .	0.0	13

#	Article	IF	Citations
19	Simple, sensitive and species-specific assays for detecting quagga and zebra mussels (Dreissena) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Invasions, 2020, 11, 218-236.	1.2	10
20	Environmental <scp>DNA</scp> persistence and fish detection in captive sponges. Molecular Ecology Resources, 2022, 22, 2956-2966.	4.8	9
21	Assessment of habitat and survey criteria for the great crested newt (Triturus cristatus) in Scotland: a case study on a translocated population. Hydrobiologia, 2019, 828, 57-71.	2.0	5
22	What can Expeditions do for Students â€¦ and for Science? An Investigation into the Impact of University of Glasgow Exploration Society Expeditions. Journal of Biological Education, 2017, 51, 3-16.	1.5	4
23	Mapping biodiversity hotspots of fish communities in subtropical streams through environmental DNA. ARPHA Conference Abstracts, 0, 4, .	0.0	0
24	An assay validation framework to compare and evaluate targeted environmental DNA assays for routine species monitoring. ARPHA Conference Abstracts, 0, 4, .	0.0	0
25	Ecology, conservation status, and phylogenetic placement of endemic Pristimantis frogs (Anura: Craugastoridae) in Trinidad and Tobago and genetic affinities to northern Venezuela. Population Ecology, 0, , .	1.2	0