Lori Lawson Handley

List of Publications by Year
in descending order

47 papers	4,502 citations	159585 30 h-index	233421 45 g-index
55 all docs	55 docs citations	55 times ranked	5840 citing authors

#	Article	IF	Citations
1	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
2	Environmental <scp>DNA</scp>â€based approaches for the monitoring of fish populations have come of age. Journal of Fish Biology, 2021, 98, 339-340.	1.6	1
3	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
4	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
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	Limited dispersion and quick degradation of environmental DNA in fish ponds inferred by metabarcoding. Environmental DNA, 2019, 1, 238-250.	5.8	30
7	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
8	Temporal and spatial variation in distribution of fish environmental DNA in Englandâ€™s largest lake. Environmental DNA, 2019, 1, 26-39.	5.8	110
9	Prospects and challenges of environmental DNA (eDNA) monitoring in freshwater ponds. Hydrobiologia, 2019, 826, 25-41.	2.0	151
10	Development and application of environmental DNA surveillance for the threatened crucian carp (Carassius carassius). Freshwater Biology, 2019, 64, 93-107.	2.4	48
11	The effect of filtration method on the efficiency of environmental <scp>DNA</scp> capture and quantification via metabarcoding. Molecular Ecology Resources, 2018, 18, 1102-1114.	4.8	75
12	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
13	The Genomic Basis of Color Pattern Polymorphism in the Harlequin Ladybird. Current Biology, 2018, 28, 3296-3302.e7.	3.9	92
14	Genetic evidence challenges the native status of a threatened freshwater fish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.9	19
15	Detection of a new non-native freshwater species by DNA metabarcoding of environmental samples â€" first record of Gammarus fossarum in the UK. Aquatic Invasions, 2017, 12, 177-189.	1.6	47
16	Environmental <scp>DNA</scp> metabarcoding of lake fish communities reflects longâ€term data from established survey methods. Molecular Ecology, 2016, 25, 3101-3119.	3.9	452
17	Comparing <scp>RAD</scp>seq and microsatellites to infer complex phylogeographic patterns, an empirical perspective in the Crucian carp, Carassius carassius, L.. Molecular Ecology, 2016, 25, 2997-3018.	3.9	153
18	The harlequin ladybird, Harmonia axyridis: global perspectives on invasion history and ecology. Biological Invasions, 2016, 18, 997-1044.	2.4	275

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19	The globalization of naval provisioning: ancient DNA and stable isotope analyses of stored cod from the wreck of the Mary Rose, AD 1545. Royal Society Open Science, 2015, 2, 150199.	2.4	31
20	How will the â€˜molecular revolutionâ€™ contribute to biological recording?. Biological Journal of the Linnean Society, 2015, 115, 750-766.	1.6	111
21	Cannibalism in invasive, native and biocontrol populations of the harlequin ladybird. BMC Evolutionary Biology, 2014, 14, 15.	3.2	31
22	The direct effects of male killer infection on fitness of ladybird hosts (<scp>C</scp>oleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.7	16
23	Characteristics and Drivers of High-Altitude Ladybird Flight: Insights from Vertical-Looking Entomological Radar. PLoS ONE, 2013, 8, e82278.	2.5	41
24	Networking: a community approach to invaders and their parasites. Functional Ecology, 2012, 26, 1238-1248.	3.6	49
25	The value of an egg: resource reallocation in ladybirds (Coleoptera: Coccinellidae) infected with male-killing bacteria. Journal of Evolutionary Biology, 2011, 24, 2164-2172.	1.7	28
26	Inferring the origin of populations introduced from a genetically structured native range by approximate Bayesian computation: case study of the invasive ladybird Harmonia axyridis. Molecular Ecology, 2011, 20, 4654-4670.	3.9	134
27	Can the enemy release hypothesis explain the success of invasive alien predators and parasitoids?. BioControl, 2011, 56, 451-468.	2.0	122
28	The global spread of Harmonia axyridis (Coleoptera: Coccinellidae): distribution, dispersal and routes of invasion. BioControl, 2011, 56, 623-641.	2.0	244
29	Ecological genetics of invasive alien species. BioControl, 2011, 56, 409-428.	2.0	244
30	Living with the enemy: parasites and pathogens of the ladybird Harmonia axyridis. BioControl, 2011, 56, 663-679.	2.0	46
31	Alien arthropod predators and parasitoids: an ecological approach. BioControl, 2011, 56, 375-382.	2.0	24
32	Climate shaped the worldwide distribution of human mitochondrial DNA sequence variation. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3447-3455.	2.6	117
33	How accurate is the current picture of human genetic variation?. Heredity, 2009, 102, 120-126.	2.6	40
34	Is urbanization scrambling the genetic structure of human populations? A case study. Heredity, 2007, 98, 151-156.	2.6	13
35	Genetic structure of European sheep breeds. Heredity, 2007, 99, 620-631.	2.6	122
36	Advances in our understanding of mammalian sex-biased dispersal. Molecular Ecology, 2007, 16, 1559-1578.	3.9	533

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37	Going the distance: human population genetics in a clinal world. Trends in Genetics, 2007, 23, 432-439.	6.7	213
38	Y chromosome microsatellite isolation from BAC clones in the greater white-toothed shrew (Crocidura russula). Molecular Ecology Notes, 2006, 6, 276-279.	1.7	8
39	Chromosomal localization of the UBAP2Z and UBAP2W genes in chicken. Animal Genetics, 2006, 37, 72-73.	1.7	5
40	Low Y chromosome variation in Saudi-Arabian hamadryas baboons (Papio hamadryas hamadryas). Heredity, 2006, 96, 298-303.	2.6	30
41	Genetic evidence for female-biased dispersal and gene flow in a polygynous primate. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 479-484.	2.6	80
42	Disentangling Reasons for Low Y Chromosome Variation in the Greater White-Toothed Shrew (Crocidura russula). Genetics, 2006, 173, 935-942.	2.9	37
43	Evolutionary history of the greater white-toothed shrew (Crocidura russula) inferred from analysis of mtDNA, Y, and X chromosome markers. Molecular Phylogenetics and Evolution, 2005, 37, 832-844.	2.7	54
44	Evolutionary Strata on the Chicken Z Chromosome: Implications for Sex Chromosome Evolution. Genetics, 2004, 167, 367-376.	2.9	192
45	Comparison of Substitution Rates in ZFX and ZFY Introns of Sheep and Goat Related Species Supports the Hypothesis of Male-Biased Mutation Rates. Journal of Molecular Evolution, 2002, 54, 54-61.	1.8	29
46	Read counts from environmental DNA (eDNA) metabarcoding reflect fish abundance and biomass in drained ponds. Metabarcoding and Metagenomics, 0, 4, .	0.0	55
47	ï»¿A review of volunteersâ€™ motivations to monitor and control invasive alien species. NeoBiota, 0, 73, 153-175.	1.0	10