

Lori Lawson Handley

List of Publications by Year in descending order

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Version: 2024-02-01

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	Advances in our understanding of mammalian sex-biased dispersal. <i>Molecular Ecology</i> , 2007, 16, 1559-1578.	3.9	533
2	Environmental <sc>DNA</sc> metabarcoding of lake fish communities reflects long-term data from established survey methods. <i>Molecular Ecology</i> , 2016, 25, 3101-3119.	3.9	452
3	The harlequin ladybird, <i>Harmonia axyridis</i> : global perspectives on invasion history and ecology. <i>Biological Invasions</i> , 2016, 18, 997-1044.	2.4	275
4	The global spread of <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae): distribution, dispersal and routes of invasion. <i>BioControl</i> , 2011, 56, 623-641.	2.0	244
5	Ecological genetics of invasive alien species. <i>BioControl</i> , 2011, 56, 409-428.	2.0	244
6	Going the distance: human population genetics in a clinal world. <i>Trends in Genetics</i> , 2007, 23, 432-439.	6.7	213
7	Evolutionary Strata on the Chicken Z Chromosome: Implications for Sex Chromosome Evolution. <i>Genetics</i> , 2004, 167, 367-376.	2.9	192
8	Needle in a haystack? A comparison of <sc>eDNA</sc> metabarcoding and targeted <sc>qPCR</sc> for detection of the great crested newt (<i>Triturus cristatus</i>). <i>Ecology and Evolution</i> , 2018, 8, 6330-6341.	1.9	157
9	Comparing <sc>RAD</sc>seq and microsatellites to infer complex phylogeographic patterns, an empirical perspective in the Crucian carp, <i>Carassius carassius</i>, L. <i>Molecular Ecology</i> , 2016, 25, 2997-3018.	3.9	153
10	Prospects and challenges of environmental DNA (eDNA) monitoring in freshwater ponds. <i>Hydrobiologia</i> , 2019, 826, 25-41.	2.0	151
11	Inferring the origin of populations introduced from a genetically structured native range by approximate Bayesian computation: case study of the invasive ladybird <i>Harmonia axyridis</i> . <i>Molecular Ecology</i> , 2011, 20, 4654-4670.	3.9	134
12	Genetic structure of European sheep breeds. <i>Heredity</i> , 2007, 99, 620-631.	2.6	122
13	Can the enemy release hypothesis explain the success of invasive alien predators and parasitoids?. <i>BioControl</i> , 2011, 56, 451-468.	2.0	122
14	Climate shaped the worldwide distribution of human mitochondrial DNA sequence variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3447-3455.	2.6	117
15	How will the "molecular revolution" contribute to biological recording?. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 750-766.	1.6	111
16	Temporal and spatial variation in distribution of fish environmental DNA in England's largest lake. <i>Environmental DNA</i> , 2019, 1, 26-39.	5.8	110
17	The Genomic Basis of Color Pattern Polymorphism in the Harlequin Ladybird. <i>Current Biology</i> , 2018, 28, 3296-3302.e7.	3.9	92
18	Environmental DNA (eDNA) metabarcoding of pond water as a tool to survey conservation and management priority mammals. <i>Biological Conservation</i> , 2019, 238, 108225.	4.1	85

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19	Genetic evidence for female-biased dispersal and gene flow in a polygynous primate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 479-484.	2.6	80
20	Fishing for mammals: Landscape-level monitoring of terrestrial and semi-aquatic communities using eDNA from riverine systems. <i>Journal of Applied Ecology</i> , 2020, 57, 707-716.	4.0	79
21	The effect of filtration method on the efficiency of environmental DNA capture and quantification via metabarcoding. <i>Molecular Ecology Resources</i> , 2018, 18, 1102-1114.	4.8	75
22	Read counts from environmental DNA (eDNA) metabarcoding reflect fish abundance and biomass in drained ponds. <i>Metabarcoding and Metagenomics</i> , 0, 4, .	0.0	55
23	Evolutionary history of the greater white-toothed shrew (<i>Crocidura russula</i>) inferred from analysis of mtDNA, Y, and X chromosome markers. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 832-844.	2.7	54
24	Networking: a community approach to invaders and their parasites. <i>Functional Ecology</i> , 2012, 26, 1238-1248.	3.6	49
25	Development and application of environmental DNA surveillance for the threatened crucian carp (<i>Carassius carassius</i>). <i>Freshwater Biology</i> , 2019, 64, 93-107.	2.4	48
26	Detection of a new non-native freshwater species by DNA metabarcoding of environmental samples – first record of <i>Gammarus fossarum</i> in the UK. <i>Aquatic Invasions</i> , 2017, 12, 177-189.	1.6	47
27	Living with the enemy: parasites and pathogens of the ladybird <i>Harmonia axyridis</i> . <i>BioControl</i> , 2011, 56, 663-679.	2.0	46
28	Characteristics and Drivers of High-Altitude Ladybird Flight: Insights from Vertical-Looking Entomological Radar. <i>PLoS ONE</i> , 2013, 8, e82278.	2.5	41
29	How accurate is the current picture of human genetic variation?. <i>Heredity</i> , 2009, 102, 120-126.	2.6	40
30	Disentangling Reasons for Low Y Chromosome Variation in the Greater White-Toothed Shrew (<i>Crocidura russula</i>). <i>Genetics</i> , 2006, 173, 935-942.	2.9	37
31	Cannibalism in invasive, native and biocontrol populations of the harlequin ladybird. <i>BMC Evolutionary Biology</i> , 2014, 14, 15.	3.2	31
32	The globalization of naval provisioning: ancient DNA and stable isotope analyses of stored cod from the wreck of the <i>Mary Rose</i> , AD 1545. <i>Royal Society Open Science</i> , 2015, 2, 150199.	2.4	31
33	Low Y chromosome variation in Saudi-Arabian hamadryas baboons (<i>Papio hamadryas hamadryas</i>). <i>Heredity</i> , 2006, 96, 298-303.	2.6	30
34	Limited dispersion and quick degradation of environmental DNA in fish ponds inferred by metabarcoding. <i>Environmental DNA</i> , 2019, 1, 238-250.	5.8	30
35	Comparison of Substitution Rates in ZFX and ZFY Introns of Sheep and Goat Related Species Supports the Hypothesis of Male-Biased Mutation Rates. <i>Journal of Molecular Evolution</i> , 2002, 54, 54-61.	1.8	29
36	The value of an egg: resource reallocation in ladybirds (Coleoptera: Coccinellidae) infected with male-killing bacteria. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2164-2172.	1.7	28

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37	Targeted and passive environmental DNA approaches outperform established methods for detection of quagga mussels, <i>Dreissena rostriformis bugensis</i> in flowing water. Ecology and Evolution, 2020, 10, 13248-13259.	1.9	25
38	Alien arthropod predators and parasitoids: an ecological approach. BioControl, 2011, 56, 375-382.	2.0	24
39	Genetic evidence challenges the native status of a threatened freshwater fish (<i>Carassius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62	1.9	19
40	The direct effects of male killer infection on fitness of ladybird hosts (<i>Coleoptera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.7	16
41	Is urbanization scrambling the genetic structure of human populations? A case study. Heredity, 2007, 98, 151-156.	2.6	13
42	Assessing the impact of the threatened crucian carp (<i>Carassius carassius</i>) on pond invertebrate diversity: A comparison of conventional and molecular tools. Molecular Ecology, 2021, 30, 3252-3269.	3.9	13
43	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
44	A review of volunteers' motivations to monitor and control invasive alien species. NeoBiota, 0, 73, 153-175.	1.0	10
45	Y chromosome microsatellite isolation from BAC clones in the greater white-toothed shrew (<i>Crocidura russula</i>). Molecular Ecology Notes, 2006, 6, 276-279.	1.7	8
46	Chromosomal localization of the UBAP2Z and UBAP2W genes in chicken. Animal Genetics, 2006, 37, 72-73.	1.7	5
47	Environmental DNA-based approaches for the monitoring of fish populations have come of age. Journal of Fish Biology, 2021, 98, 339-340.	1.6	1