Laura S Epp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3463654/publications.pdf

Version: 2024-02-01

38 papers	2,461 citations	257450 24 h-index	302126 39 g-index
56 all docs	56 docs citations	56 times ranked	3273 citing authors

#	Article	IF	Citations
1	Fifty thousand years of Arctic vegetation and megafaunal diet. Nature, 2014, 506, 47-51.	27.8	505
2	New environmental metabarcodes for analysing soil DNA: potential for studying past and present ecosystems. Molecular Ecology, 2012, 21, 1821-1833.	3.9	259
3	Highly Overlapping Winter Diet in Two Sympatric Lemming Species Revealed by DNA Metabarcoding. PLoS ONE, 2015, 10, e0115335.	2.5	125
4	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. Quaternary, 2021, 4, 6.	2.0	121
5	Blocking human contaminant DNA during PCR allows amplification of rare mammal species from sedimentary ancient DNA. Molecular Ecology, 2012, 21, 1806-1815.	3.9	120
6	Fungal palaeodiversity revealed using highâ€throughput metabarcoding of ancient <scp>DNA</scp> from arctic permafrost. Environmental Microbiology, 2013, 15, 1176-1189.	3.8	115
7	Hidden diversity in diatoms of Kenyan Lake Naivasha: a genetic approach detects temporal variation. Molecular Ecology, 2012, 21, 1918-1930.	3.9	108
8	Use of Ancient Sedimentary DNA as a Novel Conservation Tool for Highâ€Altitude Tropical Biodiversity. Conservation Biology, 2014, 28, 446-455.	4.7	103
9	Lake sediment multi-taxon DNA from North Greenland records early post-glacial appearance of vascular plants and accurately tracks environmental changes. Quaternary Science Reviews, 2015, 117, 152-163.	3.0	88
10	Early anthropogenic impact on Western Central African rainforests 2,600 y ago. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3261-3266.	7.1	83
11	Deep genetic divergences among Indo-Pacific populations of the coral reef sponge Leucetta chagosensis (Leucettidae): Founder effects, vicariance, or both?. BMC Evolutionary Biology, 2008, 8, 24.	3.2	76
12	Historical genetics on a sediment core from a Kenyan lake: intraspecific genotype turnover in a tropical rotifer is related to past environmental changes. Journal of Paleolimnology, 2010, 43, 939-954.	1.6	67
13	A comparison of sedimentary <scp>DNA</scp> and pollen from lake sediments in recording vegetation composition at the Siberian treeline. Molecular Ecology Resources, 2017, 17, e46-e62.	4.8	64
14	Shedding new light on the diet of Norwegian lemmings: DNA metabarcoding of stomach content. Polar Biology, 2013, 36, 1069-1076.	1.2	50
15	Sedimentary ancient DNA and pollen reveal the composition of plant organic matter in Late Quaternary permafrost sediments of the Buor Khaya Peninsula (north-eastern Siberia). Biogeosciences, 2017, 14, 575-596.	3.3	50
16	Molecular profiling of diatom assemblages in tropical lake sediments using taxonâ€specific PCR and Denaturing Highâ€Performance Liquid Chromatography (PCRâ€DHPLC). Molecular Ecology Resources, 2011, 11, 842-853.	4.8	47
17	The History of Tree and Shrub Taxa on Bol'shoy Lyakhovsky Island (New Siberian Archipelago) since the Last Interglacial Uncovered by Sedimentary Ancient DNA and Pollen Data. Genes, 2017, 8, 273.	2.4	41
18	DNA Metabarcoding Reveals Diet Overlap between the Endangered Walia Ibex and Domestic Goats - Implications for Conservation. PLoS ONE, 2016, 11, e0159133.	2.5	35

#	Article	IF	Citations
19	Dissimilar responses of larch stands in northern Siberia to increasing temperaturesâ€"a field and simulation based study. Ecology, 2017, 98, 2343-2355.	3.2	34
20	A global perspective for biodiversity history with ancient environmental DNA. Molecular Ecology, 2019, 28, 2456-2458.	3.9	34
21	Sedimentary ancient DNA reveals a threat of warming-induced alpine habitat loss to Tibetan Plateau plant diversity. Nature Communications, 2021, 12, 2995.	12.8	32
22	Genetic data from algae sedimentary DNA reflect the influence of environment over geography. Scientific Reports, 2015, 5, 12924.	3.3	30
23	Lake Store FinnsjÃ¸en â€“ a key for understanding Lateglacial/early Holocene vegetation and ice sheet dynamics in the central Scandes Mountains. Quaternary Science Reviews, 2015, 121, 36-51.	3.0	29
24	Anthropogenic impact on the historical phytoplankton community of Lake Constance reconstructed by multimarker analysis of sedimentâ€€core environmental DNA. Molecular Ecology, 2021, 30, 3040-3056.	3.9	28
25	Hybridization capture of larch (Larix Mill.) chloroplast genomes from sedimentary ancient DNA reveals past changes of Siberian forest. Molecular Ecology Resources, 2021, 21, 801-815.	4.8	26
26	Temporal and spatial patterns of mitochondrial haplotype and species distributions in Siberian larches inferred from ancient environmental DNA and modeling. Scientific Reports, 2018, 8, 17436.	3.3	24
27	Dispersal distances and migration rates at the arctic treeline in Siberia â€“ a genetic and simulation-based study. Biogeosciences, 2019, 16, 1211-1224.	3.3	21
28	Sampling and Extraction of Ancient DNA from Sediments. Methods in Molecular Biology, 2019, 1963, 31-44.	0.9	21
29	A combined paleolimnological/genetic analysis of diatoms reveals divergent evolutionary lineages of Staurosira and Staurosirella (Bacillariophyta) in Siberian lake sediments along a latitudinal transect. Journal of Paleolimnology, 2014, 52, 77-93.	1.6	18
30	Aquatic macrophyte dynamics in Lake Karakul (Eastern Pamir) over the last 29ÂcalÂka revealed by sedimentary ancient DNA and geochemical analyses of macrofossil remains. Journal of Paleolimnology, 2017, 58, 403-417.	1.6	18
31	Phylogenetic diversity and environment form assembly rules for Arctic diatom generaâ€"A study on recent and ancient sedimentary DNA. Journal of Biogeography, 2020, 47, 1166-1179.	3.0	15
32	Chloroplast and mitochondrial genetic variation of larches at the Siberian tundra-taiga ecotone revealed by de novo assembly. PLoS ONE, 2019, 14, e0216966.	2.5	13
33	Environmental <scp>DNA</scp> and metagenomics of terrestrial mammals as keystone taxa of recent and past ecosystems. Mammal Review, 2022, 52, 538-553.	4.8	10
34	Holocene chloroplast genetic variation of shrubs (Alnus alnobetula, Betula nana,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 assembly and sedimentary ancient DNA analyses. Ecology and Evolution, 2021, 11, 2173-2193.	1.9	9
35	Vegetation changes over the last centuries in the Lower Lake Constance region reconstructed from sedimentâ€€core environmental DNA. Environmental DNA, 2022, 4, 830-845.	5.8	7
36	Evaluation of lake sedimentary ancient <scp>DNA</scp> metabarcoding to assess fungal biodiversity in Arctic paleoecosystems. Environmental DNA, 2022, 4, 1150-1163.	5.8	7

#	Article	IF	Citations
37	Reply to Giresse et al.: No evidence for climate variability during the late Holocene rainforest crisis in Western Central Africa. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6674-E6675.	7.1	3
38	Reply to Clist et al.: Human activity is the most probable trigger of the late Holocene rainforest crisis in Western Central Africa. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4735-E4736.	7.1	3