Lutz Bachmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1173459/publications.pdf

Version: 2024-02-01

49	3,467	304743	206112
papers	citations	22 h-index	48 g-index

52	52	52	4609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strong and lasting impacts of past global warming on baleen whales and their prey. Global Change Biology, 2022, 28, 2657-2677.	9.5	13
2	High genomic diversity in the endangered East Greenland Svalbard Barents Sea stock of bowhead whales (Balaena mysticetus). Scientific Reports, 2022, 12, 6118.	3.3	2
3	Insights into bear evolution from a Pleistocene polar bear genome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
4	Mitogenomics and the genetic differentiation of contemporaryBalaena mysticetus(Cetacea) from Svalbard. Zoological Journal of the Linnean Society, 2021, 191, 1192-1203.	2.3	5
5	Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages. Current Biology, 2021, 31, 198-206.e8.	3.9	26
6	Sea ice reduction drives genetic differentiation among Barents Sea polar bears. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211741.	2.6	15
7	Arctic-adapted dogs emerged at the Pleistoceneâ€“Holocene transition. Science, 2020, 368, 1495-1499.	12.6	60
8	Late Pleistocene and Holocene occurrence of bowhead whales (Balaena mysticetus) along the coasts of Norway. Polar Biology, 2019, 42, 645-656.	1.2	5
9	Evolutionary Implications of the microRNA- and piRNA Complement of Lepidodermella squamata (Gastrotricha). Non-coding RNA, 2019, 5, 19.	2.6	5
10	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191929.	2.6	38
11	Mitochondrial genomes of ancient bowhead whales (Balaena mysticetus) from Svalbard. Mitochondrial DNA Part B: Resources, 2019, 4, 4152-4154.	0.4	3
12	Cryptic Species â€“ More Than Terminological Chaos: A Reply to Heethoff. Trends in Ecology and Evolution, 2018, 33, 310-312.	8.7	20
13	Finding Evolutionary Processes Hidden in Cryptic Species. Trends in Ecology and Evolution, 2018, 33, 153-163.	8.7	340
14	Population genomics of grey wolves and wolf-like canids in North America. PLoS Genetics, 2018, 14, e1007745.	3.5	54
15	Interspecific Gene Flow Shaped the Evolution of the Genus Canis. Current Biology, 2018, 28, 3441-3449.e5.	3.9	110
16	Atp8 is in the ground pattern of flatworm mitochondrial genomes. BMC Genomics, 2017, 18, 414.	2.8	35
17	The mitochondrial genome of the egg-laying flatworm Aglaiogyrodactylus forficulatus (Platyhelminthes: Monogenoidea). Parasites and Vectors, 2016, 9, 285.	2.5	18
18	Mitogenomes of contemporary Spitsbergen stock bowhead whales (Balaena mysticetus). Mitochondrial DNA Part B: Resources, 2016, 1, 898-900.	0.4	4

#	Article	IF	Citations
19	Systematics and biodiversity research in the era of genomics. Zoologica Scripta, 2016, 45, 3-4.	1.7	0
20	Genetic diversity of historical Atlantic walruses (Odobenus rosmarus rosmarus) from BjÃ¸rnÃ¸ya and HÃ¥Ã¸ya (TusenÃ¸yane), Svalbard, Norway. BMC Research Notes, 2016, 9, 112.	1.4	10
21	Co-Speciation of the Ectoparasite Gyrodactylus teuchis (Monogenea, Platyhelminthes) and Its Salmonid Hosts. PLoS ONE, 2015, 10, e0127340.	2.5	24
22	Implications of the Circumpolar Genetic Structure of Polar Bears for Their Conservation in a Rapidly Warming Arctic. PLoS ONE, 2015, 10, e112021.	2.5	46
23	Trends in bowhead whales in West Greenland: Aerial surveys vs. genetic captureâ€recapture analyses. Marine Mammal Science, 2015, 31, 133-154.	1.8	24
24	Fluctuating asymmetry and inbreeding in Scandinavian gray wolves (Canis lupus). Acta Theriologica, 2014, 59, 399-405.	1.1	6
25	MicroRNA loci support conspecificity of Gyrodactylus salaris and Gyrodactylus thymalli (Platyhelminthes: Monogenea). International Journal for Parasitology, 2014, 44, 787-793.	3.1	20
26	Comparative Genomics of Flatworms (Platyhelminthes) Reveals Shared Genomic Features of Ecto- and Endoparastic Neodermata. Genome Biology and Evolution, 2014, 6, 1105-1117.	2.5	73
27	The diet of polar bears (Ursus maritimus) from Svalbard, Norway, inferred from scat analysis. Polar Biology, 2013, 36, 561-571.	1.2	62
28	Molecular phylogeny of the beetle tribe <scp>O</scp>xypodini (<scp>C</scp>oleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (	3.9	37
29	Reconstructing mitochondrial genomes directly from genomic next-generation sequencing readsâ€"a baiting and iterative mapping approach. Nucleic Acids Research, 2013, 41, e129-e129.	14.5	1,723
30	The mammal type specimens at the Natural History Museum, University of Oslo, Norway. Zootaxa, 2013, 3736, 587.	0.5	3
31	A missing piece in the Arctic food web puzzle? Stomach contents of Greenland sharks sampled in Svalbard, Norway. Polar Biology, 2012, 35, 1197-1208.	1.2	84
32	Lost Highway Not Forgotten: Satellite Tracking of a Bowhead Whale (<i>Balaena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (my	0.4	29
33	Observations of bowhead whales (Balaena mysticetus) in the Svalbard area 1940â€"2009. Polar Biology, 2010, 33, 979-984.	1.2	21
34	Molecular phylogeny of the fungus gnat family Mycetophilidae (Diptera, Mycetophiliformia). Systematic Entomology, 2009, 34, 524-532.	3.9	36
35	Molecular species identification of historical whale remains from South Georgia. Marine Mammal Science, 2009, 25, 229-238.	1.8	5
36	Significant genetic admixture after reintroduction of peregrine falcon (Falco peregrinus) in Southern Scandinavia. Conservation Genetics, 2008, 9, 581-591.	1.5	31

#	Article	IF	Citations
37	Gyrodactylus salaris (Monogenea, Gyrodactylidae) infections on resident Arctic charr (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	14
38	Gyrodactylus species (Monogenea) infecting alpine bullhead (Cottus poecilopus Heckel, 1837) in Norway and Slovakia, including the description of Gyrodactylus mariannae sp. nov.. Acta Parasitologica, 2008, 53, 240.	1.1	7
39	PCR diagnostics of Mycobacterium tuberculosis in historic human long bone remains from 18th century burials in Kaiserebersdorf, Austria. BMC Research Notes, 2008, 1, 83.	1.4	10
40	Molecular phylogeny of Megacephalina Horn, 1910 tiger beetles (Coleoptera: Cicindelidae). Studies on Neotropical Fauna and Environment, 2007, 42, 211-219.	1.0	15
41	SPITSBERGEN BOWHEAD WHALES REVISITED. Marine Mammal Science, 2007, 23, 688-693.	1.8	24
42	DNA taxonomy and barcoding of monogenean parasites: lessons from Gyrodactylus. Trends in Parasitology, 2007, 23, 363-367.	3.3	50
43	The complete mitochondrial DNA sequence of the monogenean Gyrodactylus thymalli (Platyhelminthes: Monogenea), a parasite of grayling (Thymallus thymallus). Molecular and Biochemical Parasitology, 2007, 154, 190-194.	1.1	40
44	Mitochondrial haplotype diversity of Gyrodactylus thymalli (Platyhelminthes; Monogenea): extended geographic sampling in United Kingdom, Poland, and Norway reveals further lineages. Parasitology Research, 2007, 100, 1389-1394.	1.6	36
45	Mitochondrial DNA variation of a natural population of Gyrodactylus thymalli (Monogenea) from the type locality River Hnilec, Slovakia. Parasitology Research, 2007, 101, 1439-1442.	1.6	4
46	Spiking of Contemporary Human Template DNA with Ancient DNA Extracts Induces Mutations Under PCR and Generates Nonauthentic Mitochondrial Sequences. Molecular Biology and Evolution, 2004, 21, 957-964.	8.9	36
47	The use of morphometric characters to discriminate specimens of laboratory-reared and wild populations of Gyrodactylus salaris and G. thymalli (Monogenea). Folia Parasitologica, 2004, 51, 239-252.	1.3	97
48	Mitochondrial DNA variation of Gyrodactylus spp. (Monogenea, Gyrodactylidae) populations infecting Atlantic salmon, grayling, and rainbow trout in Norway and Sweden. International Journal for Parasitology, 2003, 33, 1471-1478.	3.1	106
49	Detection of bone glue treatment as a major source of contamination in ancient DNA analyses. American Journal of Physical Anthropology, 2002, 118, 117-120.	2.1	23