

Lutz Bachmann

List of Publications by Year in descending order

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

Version: 2024-02-01

49
papers

3,467
citations

304743

22
h-index

206112

48
g-index

52
all docs

52
docs citations

52
times ranked

4609
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing mitochondrial genomes directly from genomic next-generation sequencing reads—a baiting and iterative mapping approach. <i>Nucleic Acids Research</i> , 2013, 41, e129-e129.	14.5	1,723
2	Finding Evolutionary Processes Hidden in Cryptic Species. <i>Trends in Ecology and Evolution</i> , 2018, 33, 153-163.	8.7	340
3	Interspecific Gene Flow Shaped the Evolution of the Genus <i>Canis</i> . <i>Current Biology</i> , 2018, 28, 3441-3449.e5.	3.9	110
4	Mitochondrial DNA variation of <i>Gyrodactylus</i> spp. (Monogenea, Gyrodactylidae) populations infecting Atlantic salmon, grayling, and rainbow trout in Norway and Sweden. <i>International Journal for Parasitology</i> , 2003, 33, 1471-1478.	3.1	106
5	The use of morphometric characters to discriminate specimens of laboratory-reared and wild populations of <i>Gyrodactylus salaris</i> and <i>G. thymalli</i> (Monogenea). <i>Folia Parasitologica</i> , 2004, 51, 239-252.	1.3	97
6	A missing piece in the Arctic food web puzzle? Stomach contents of Greenland sharks sampled in Svalbard, Norway. <i>Polar Biology</i> , 2012, 35, 1197-1208.	1.2	84
7	Comparative Genomics of Flatworms (Platyhelminthes) Reveals Shared Genomic Features of Ecto- and Endoparasitic Neodermata. <i>Genome Biology and Evolution</i> , 2014, 6, 1105-1117.	2.5	73
8	The diet of polar bears (<i>Ursus maritimus</i>) from Svalbard, Norway, inferred from scat analysis. <i>Polar Biology</i> , 2013, 36, 561-571.	1.2	62
9	Arctic-adapted dogs emerged at the Pleistocene–Holocene transition. <i>Science</i> , 2020, 368, 1495-1499.	12.6	60
10	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	3.5	54
11	DNA taxonomy and barcoding of monogenean parasites: lessons from <i>Gyrodactylus</i> . <i>Trends in Parasitology</i> , 2007, 23, 363-367.	3.3	50
12	Implications of the Circumpolar Genetic Structure of Polar Bears for Their Conservation in a Rapidly Warming Arctic. <i>PLoS ONE</i> , 2015, 10, e112021.	2.5	46
13	The complete mitochondrial DNA sequence of the monogenean <i>Gyrodactylus thymalli</i> (Platyhelminthes: Monogenea), a parasite of grayling (<i>Thymallus thymallus</i>). <i>Molecular and Biochemical Parasitology</i> , 2007, 154, 190-194.	1.1	40
14	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191929.	2.6	38
15	Molecular phylogeny of the beetle tribe <i>Xyopodini</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	3.9	37
16	Spiking of Contemporary Human Template DNA with Ancient DNA Extracts Induces Mutations Under PCR and Generates Nonauthentic Mitochondrial Sequences. <i>Molecular Biology and Evolution</i> , 2004, 21, 957-964.	8.9	36
17	Mitochondrial haplotype diversity of <i>Gyrodactylus thymalli</i> (Platyhelminthes; Monogenea): extended geographic sampling in United Kingdom, Poland, and Norway reveals further lineages. <i>Parasitology Research</i> , 2007, 100, 1389-1394.	1.6	36
18	Molecular phylogeny of the fungus gnat family <i>Mycetophilidae</i> (Diptera, <i>Mycetophiliformia</i>). <i>Systematic Entomology</i> , 2009, 34, 524-532.	3.9	36

#	ARTICLE	IF	CITATIONS
19	Atp8 is in the ground pattern of flatworm mitochondrial genomes. <i>BMC Genomics</i> , 2017, 18, 414.	2.8	35
20	Significant genetic admixture after reintroduction of peregrine falcon (<i>Falco peregrinus</i>) in Southern Scandinavia. <i>Conservation Genetics</i> , 2008, 9, 581-591.	1.5	31
21	Lost Highway Not Forgotten: Satellite Tracking of a Bowhead Whale (<i>Balaena Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 55	0.4	29
22	Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages. <i>Current Biology</i> , 2021, 31, 198-206.e8.	3.9	26
23	SPITSBERGEN BOWHEAD WHALES REVISITED. <i>Marine Mammal Science</i> , 2007, 23, 688-693.	1.8	24
24	Co-Speciation of the Ectoparasite <i>Gyrodactylus teuchis</i> (Monogenea, Platyhelminthes) and Its Salmonid Hosts. <i>PLoS ONE</i> , 2015, 10, e0127340.	2.5	24
25	Trends in bowhead whales in West Greenland: Aerial surveys <i>vs</i>. genetic captureâ€recapture analyses. <i>Marine Mammal Science</i> , 2015, 31, 133-154.	1.8	24
26	Detection of bone glue treatment as a major source of contamination in ancient DNA analyses. <i>American Journal of Physical Anthropology</i> , 2002, 118, 117-120.	2.1	23
27	Observations of bowhead whales (<i>Balaena mysticetus</i>) in the Svalbard area 1940â€2009. <i>Polar Biology</i> , 2010, 33, 979-984.	1.2	21
28	MicroRNA loci support conspecificity of <i>Gyrodactylus salaris</i> and <i>Gyrodactylus thymalli</i> (Platyhelminthes: Monogenea). <i>International Journal for Parasitology</i> , 2014, 44, 787-793.	3.1	20
29	Cryptic Species â€ More Than Terminological Chaos: A Reply to Heethoff. <i>Trends in Ecology and Evolution</i> , 2018, 33, 310-312.	8.7	20
30	The mitochondrial genome of the egg-laying flatworm <i>Aglaiogyrodactylus forficulatus</i> (Platyhelminthes: Monogonoidea). <i>Parasites and Vectors</i> , 2016, 9, 285.	2.5	18
31	Molecular phylogeny of <i>Megacephalina</i> Horn, 1910 tiger beetles (Coleoptera: Cicindelidae). <i>Studies on Neotropical Fauna and Environment</i> , 2007, 42, 211-219.	1.0	15
32	Sea ice reduction drives genetic differentiation among Barents Sea polar bears. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211741.	2.6	15
33	<i>Gyrodactylus salaris</i> (Monogenea, Gyrodactylidae) infections on resident Arctic charr (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 14	1.0	14
34	Strong and lasting impacts of past global warming on baleen whales and their prey. <i>Global Change Biology</i> , 2022, 28, 2657-2677.	9.5	13
35	Insights into bear evolution from a Pleistocene polar bear genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	11
36	PCR diagnostics of <i>Mycobacterium tuberculosis</i> in historic human long bone remains from 18th century burials in Kaiserebersdorf, Austria. <i>BMC Research Notes</i> , 2008, 1, 83.	1.4	10

#	ARTICLE	IF	CITATIONS
37	Genetic diversity of historical Atlantic walruses (<i>Odobenus rosmarus rosmarus</i>) from Björnøya and Håøyane (Tusenøyanne), Svalbard, Norway. <i>BMC Research Notes</i> , 2016, 9, 112.	1.4	10
38	<i>Gyrodactylus</i> species (Monogenea) infecting alpine bullhead (<i>Cottus poecilopus</i> Heckel, 1837) in Norway and Slovakia, including the description of <i>Gyrodactylus mariannae</i> sp. nov.. <i>Acta Parasitologica</i> , 2008, 53, 240.	1.1	7
39	Fluctuating asymmetry and inbreeding in Scandinavian gray wolves (<i>Canis lupus</i>). <i>Acta Theriologica</i> , 2014, 59, 399-405.	1.1	6
40	Molecular species identification of historical whale remains from South Georgia. <i>Marine Mammal Science</i> , 2009, 25, 229-238.	1.8	5
41	Late Pleistocene and Holocene occurrence of bowhead whales (<i>Balaena mysticetus</i>) along the coasts of Norway. <i>Polar Biology</i> , 2019, 42, 645-656.	1.2	5
42	Evolutionary Implications of the microRNA- and piRNA Complement of <i>Lepidodermella squamata</i> (Gastrotricha). <i>Non-coding RNA</i> , 2019, 5, 19.	2.6	5
43	Mitogenomics and the genetic differentiation of contemporary <i>Balaena mysticetus</i> (Cetacea) from Svalbard. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 1192-1203.	2.3	5
44	Mitochondrial DNA variation of a natural population of <i>Gyrodactylus thymalli</i> (Monogenea) from the type locality River Hnilec, Slovakia. <i>Parasitology Research</i> , 2007, 101, 1439-1442.	1.6	4
45	Mitogenomes of contemporary Spitsbergen stock bowhead whales (<i>Balaena mysticetus</i>). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 898-900.	0.4	4
46	The mammal type specimens at the Natural History Museum, University of Oslo, Norway</strong<. <i>Zootaxa</i> , 2013, 3736, 587.	0.5	3
47	Mitochondrial genomes of ancient bowhead whales (<i>Balaena mysticetus</i>) from Svalbard. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 4152-4154.	0.4	3
48	High genomic diversity in the endangered East Greenland Svalbard Barents Sea stock of bowhead whales (<i>Balaena mysticetus</i>). <i>Scientific Reports</i> , 2022, 12, 6118.	3.3	2
49	Systematics and biodiversity research in the era of genomics. <i>Zoologica Scripta</i> , 2016, 45, 3-4.	1.7	0