Jacob HÃ¶Glund Rauno

List of Publications by Year
in descending order

134 papers	6,558 citations	87888 38 h-index	85541 71 g-index
142 all docs	142 docs citations	142 times ranked	6457 citing authors

#	Article	IF	Citations
1	Low neutral and immunogenetic diversity in northern fringe populations of the green toad Bufotes viridis: implications for conservation. Conservation Genetics, 2022, 23, 139-149.	1.5	4
2	The era of reference genomes in conservation genomics. Trends in Ecology and Evolution, 2022, 37, 197-202.	8.7	138
3	Conservation genomics of sibling grouse in boreal forests reveals introgression and adaptive population differentiation in genes controlling epigenetic variation. Zoological Research, 2022, 43, 184-187.	2.1	2
4	Small-scale population divergence is driven by local larval environment in a temperate amphibian. Heredity, 2021, 126, 279-292.	2.6	3
5	Lekking. , 2021, , 4525-4527.		0
6	The effects of drift and selection on latitudinal genetic variation in Scandinavian common toads (Bufo bufo) following postglacial recolonisation. Heredity, 2021, 126, 656-667.	2.6	11
7	Whole genome sequencing reveals high differentiation, low levels of genetic diversity and short runs of homozygosity among Swedish wels catfish. Heredity, 2021, 127, 79-91.	2.6	8
8	King or royal family? Testing for species boundaries in the King Cobra, Ophiophagus hannah (Cantor,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 165, 107300.	2.7	9
9	Demographic history and divergence of sibling grouse species inferred from whole genome sequencing reveal past effects of climate change. Bmc Ecology and Evolution, 2021, 21, 194.	1.6	16
10	Genomic analysis of demographic history and ecological niche modeling in the endangered Chinese Grouse Tetrastes sewerzowi. BMC Genomics, 2020, 21, 581.	2.8	3
11	High variation in last male sperm precedence and genital morphology in the emerald damselfly, Lestes sponsa. Biological Journal of the Linnean Society, 2020, 130, 497-506.	1.6	3
12	Genetic differentiation in Sichuan jay (Perisoreus internigrans) and its sibling species Siberian jay (P.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	0
13	Antimicrobial peptide and sequence variation along a latitudinal gradient in two anurans. BMC Genetics, 2020, 21, 38.	2.7	6
14	Occurrence of Batrachochytrium dendrobatidis in Sweden: higher infection prevalence in southern species. Diseases of Aquatic Organisms, 2020, 140, 209-218.	1.0	8
15	Genome assembly of the common pheasant Phasianus colchicus, a model for speciation and ecological genomics. Genome Biology and Evolution, 2019, 11, 3326-3331.	2.5	6
16	Postâ€glacial colonization routes coincide with a lifeâ€history breakpoint along a latitudinal gradient. Journal of Evolutionary Biology, 2019, 32, 356-368.	1.7	16
17	Genomic regions of speciation and adaptation among three species of grouse. Scientific Reports, 2019, 9, 812.	3.3	8
18	Latitudinal divergence in a widespread amphibian: Contrasting patterns of neutral and adaptive genomic variation. Molecular Ecology, 2019, 28, 2996-3011.	3.9	30

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19	Genetic basis of amphibian larval development along a latitudinal gradient: Gene diversity, selection and links with phenotypic variation in transcription factor C/EBPâ€1. Molecular Ecology, 2019, 28, 2786-2801.	3.9	5
20	Considering landscape connectivity and gene flow in the Anthropocene using complementary landscape genetics and habitat modelling approaches. Landscape Ecology, 2019, 34, 521-536.	4.2	19
21	Population Genomics and Wildlife Adaptation in the Face of Climate Change. Population Genomics, 2019, , 333-355.	0.5	5
22	Endless forms of sexual selection. PeerJ, 2019, 7, e7988.	2.0	24
23	Effects of host species and environmental factors on the prevalence of Batrachochytrium dendrobatidis in northern Europe. PLoS ONE, 2018, 13, e0199852.	2.5	22
24	Development and worldwide use of non-lethal, and minimal population-level impact, protocols for the isolation of amphibian chytrid fungi. Scientific Reports, 2018, 8, 7772.	3.3	24
25	Past and potential future population dynamics of three grouse species using ecological and whole genome coalescent modeling. Ecology and Evolution, 2018, 8, 6671-6681.	1.9	20
26	Recent Asian origin of chytrid fungi causing global amphibian declines. Science, 2018, 360, 621-627.	12.6	389
27	Blood transcriptomes and de novo identification of candidate loci for mating success in lekking great snipe (Gallinago media). Molecular Ecology, 2017, 26, 3458-3471.	3.9	8
28	Range shifts or extinction? Ancient <scp>DNA</scp> and distribution modelling reveal past and future responses to climate warming in coldâ€adapted birds. Global Change Biology, 2017, 23, 1425-1435.	9.5	25
29	Drift, selection, or migration? Processes affecting genetic differentiation and variation along a latitudinal gradient in an amphibian. BMC Evolutionary Biology, 2017, 17, 189.	3.2	35
30	Phylogeography and larval spine length of the dragonfly Leucorhinia dubia in Europe. PLoS ONE, 2017, 12, e0184596.	2.5	2
31	Looking into the past â€“ the reaction of three grouse species to climate change over the last million years using whole genome sequences. Molecular Ecology, 2016, 25, 570-580.	3.9	49
32	Adaptive and neutral genetic differentiation among Scottish and endangered Irish red grouse (Lagopus lagopus scotica). Conservation Genetics, 2016, 17, 615-630.	1.5	18
33	Reply to Garner et al.. Trends in Ecology and Evolution, 2016, 31, 83-84.	8.7	24
34	Effects of a range expansion on adaptive and neutral genetic diversity in dispersal limited Hazel grouse (Bonasa bonasia) in the French Alps. Conservation Genetics, 2016, 17, 401-412.	1.5	6
35	Structural genomic changes underlie alternative reproductive strategies in the ruff (Philomachus) Tj ETQq1 1 0.784314 rgBT /Overloc	21.4	340
36	Ukrainian Black Grouse Tetrao tetrix: Genetic Diversity and Population Structure. Wildlife Biology, 2015, 21, 283-293.	1.4	5

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37	Genetic differentiation of western capercaillie in the Carpathian Mountains: the importance of post glacial expansions and habitat connectivity. Biological Journal of the Linnean Society, 2015, 116, 873-889.	1.6	21
38	A hybrid snipe Gallinago gallinagoÂÃ—ÂG. media found in the wild. Journal of Ornithology, 2015, 156, 819-827.	1.1	0
39	Low MHC variation in isolated island populations of the Natterjack toad (Bufo calamita). Conservation Genetics, 2015, 16, 1007-1010.	1.5	10
40	Genomics and the challenging translation into conservation practice. Trends in Ecology and Evolution, 2015, 30, 78-87.	8.7	469
41	Whole genome sequencing of the black grouse (Tetrao tetrix): reference guided assembly suggests faster-Z and MHC evolution. BMC Genomics, 2014, 15, 180.	2.8	36
42	Limited indirect fitness benefits of male group membership in a lekking species. Molecular Ecology, 2014, 23, 5356-5365.	3.9	14
43	Analyses of historical and current populations of black grouse in Central Europe reveal strong effects of genetic drift and loss of genetic diversity. Conservation Genetics, 2014, 15, 1183-1195.	1.5	21
44	Phylogeography and subspecies status of Black Grouse. Journal of Ornithology, 2014, 155, 13-25.	1.1	14
45	How and why should we implement genomics into conservation?. Evolutionary Applications, 2014, 7, 999-1007.	3.1	152
46	Evolutionary history of black grouse major histocompatibility complex class IIB genes revealed through single locus sequence-based genotyping. BMC Genetics, 2013, 14, 29.	2.7	16
47	Trends and population dynamics of a Velvet Scoter (Melanitta fusca) population: influence of density dependence and winter climate. Journal of Ornithology, 2013, 154, 837-847.	1.1	5
48	Phylogeography of willow grouse (Lagopus lagopus) in the Arctic: taxonomic discordance as inferred from molecular data. Biological Journal of the Linnean Society, 2013, 110, 77-90.	1.6	14
49	Genetic variation and structure in Scandinavian red deer (Cervus elaphus): influence of ancestry, past hunting, and restoration management. Biological Journal of the Linnean Society, 2013, 109, 43-53.	1.6	16
50	Transcriptome sequencing of black grouse (Tetrao tetrix) for immune gene discovery and microsatellite development. Open Biology, 2012, 2, 120054.	3.6	26
51	Maintenance of gene flow by female-biased dispersal of Black Grouse Tetrao tetrix in northern Sweden. Journal of Ornithology, 2012, 153, 1127-1139.	1.1	14
52	Sequencing of the core MHC region of black grouse (Tetrao tetrix) and comparative genomics of the galliform MHC. BMC Genomics, 2012, 13, 553.	2.8	29
53	Can balancing selection on MHC loci counteract genetic drift in small fragmented populations of black grouse?. Ecology and Evolution, 2012, 2, 341-353.	1.9	56
54	Genetic variation among endangered Irish red grouse (Lagopus lagopus hibernicus) populations: implications for conservation and management. Conservation Genetics, 2012, 13, 639-647.	1.5	8

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55	Amplification success of multilocus genotypes from feathers found in the field compared with feathers obtained from shot birds. Ibis, 2012, 154, 15-20.	1.9	16
56	Ecology and mating competition influence sexual dimorphism in Tanganyikan cichlids. Evolutionary Ecology, 2012, 26, 171-185.	1.2	14
57	Genetic structure among black grouse in Britain: implications for designing conservation units. Animal Conservation, 2011, 14, 400-408.	2.9	22
58	Genetic variation in Black Grouse populations with different lekking systems in the Czech Republic. Journal of Ornithology, 2011, 152, 37-44.	1.1	9
59	Genotyping of black grouse MHC class II B using reference Strand-Mediated Conformational Analysis (RSCA). BMC Research Notes, 2011, 4, 183.	1.4	11
60	Genetic structure in peripheral populations of the natterjack toad, Bufo calamita, as revealed by AFLP. Conservation Genetics, 2010, 11, 173-181.	1.5	13
61	Fitness costs associated with low genetic variation are reduced in a harsher environment in amphibian island populations. Conservation Genetics, 2010, 11, 489-496.	1.5	8
62	Detecting hybridization between willow grouse (Lagopus lagopus) and rock ptarmigan (L. muta) in Central Sweden through Bayesian admixture analyses and mtDNA screening. Conservation Genetics, 2010, 11, 557-569.	1.5	15
63	Balancing selection, sexual selection and geographic structure in MHC genes of Great Snipe. Genetica, 2010, 138, 453-461.	1.1	19
64	The effects of selection, drift and genetic variation on life-history trait divergence among insular populations of natterjack toad, Bufo calamita. Molecular Ecology, 2010, 19, 2229-2240.	3.9	14
65	Genetic diversity and differentiation among Lagopus lagopus populations in Scandinavia and Scotland: evolutionary significant units confirmed by SNP markers. Molecular Ecology, 2010, 19, 2380-2393.	3.9	17
66	Hazel grouse Bonasa bonasia population dynamics in a fragmented landscape: a metapopulation approach. Wildlife Biology, 2010, 16, 35-46.	1.4	3
67	Sequence Polymorphism in Candidate Genes for Differences in Winter Plumage between Scottish and Scandinavian Willow Grouse (Lagopus lagopus). PLoS ONE, 2010, 5, e10334.	2.5	18
68	Phylogeography of the Black-tailed Godwit Limosa limosa: substructuring revealed by mtDNA control region sequences. Journal of Ornithology, 2009, 150, 45-53.	1.1	23
69	Ecological genomics and conservation: where do we stand?. Genetica, 2009, 136, 387-390.	1.1	7
70	Islands in the ice: colonisation routes for rock ptarmigan to the Svalbard archipelago. Ecography, 2009, 32, 840-848.	4.5	17
71	The interaction of multiple environmental stressors affects adaptation to a novel habitat in the natterjack toad Bufo calamita. Journal of Evolutionary Biology, 2009, 22, 2267-2277.	1.7	26
72	A multilocus assay reveals high nucleotide diversity and limited differentiation among Scandinavian willow grouse (Lagopus lagopus). BMC Genetics, 2008, 9, 89.	2.7	14

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73	Population structure of flounder (Platichthys flesus) in the Baltic Sea: differences among demersal and pelagic spawners. Heredity, 2008, 101, 27-38.	2.6	61
74	Inference of hazel grouse population structure using multilocus data: a landscape genetic approach. Heredity, 2008, 101, 475-482.	2.6	19
75	Genetic impoverishment of the last black grouse (Tetrao tetrix) population in the Netherlands: detectable only with a reference from the past. Molecular Ecology, 2008, 17, 1897-1904.	3.9	38
76	Inferring local adaptation from QST?FSTcomparisons: neutral genetic and quantitative trait variation in European populations of great snipe. Journal of Evolutionary Biology, 2007, 20, 1563-1576.	1.7	89
77	Spatial pattern of MHC class II variation in the great snipe (Gallinago media). Molecular Ecology, 2007, 16, 1439-1451.	3.9	149
78	Nonâ€gradual variation in colour morphs of the strawberry poison frog Dendrobates pumilio: genetic and geographical isolation suggest a role for selection in maintaining polymorphism. Molecular Ecology, 2007, 16, 4284-4294.	3.9	70
79	Population fluctuations and regulation in great snipe: a time-series analysis. Journal of Animal Ecology, 2007, 76, 740-749.	2.8	18
80	The Mhc class II of the Black grouse (Tetrao tetrix) consists of low numbers of B and Y genes with variable diversity and expression. Immunogenetics, 2007, 59, 725-734.	2.4	54
81	Kin groups in closely spaced capercaillie leks. Journal of Ornithology, 2007, 148, 79-84.	1.1	19
82	Absence of population structure of turbot (Psetta maxima) in the Baltic Sea. Molecular Ecology, 2006, 16, 115-126.	3.9	48
83	Genetic variability in European black grouse (Tetrao tetrix). Conservation Genetics, 2006, 8, 239-243.	1.5	27
84	Six polymorphic microsatellite loci in the Natterjack toad, Bufo calamita. Molecular Ecology Notes, 2005, 5, 639-640.	1.7	10
85	Population differentiation in the redshank (Tringa totanus) as revealed by mitochondrial DNA and amplified fragment length polymorphism markers. Conservation Genetics, 2005, 6, 321-331.	1.5	17
86	Female choice and male humoral immune response in the lekking great snipe (Gallinago media). Behavioral Ecology, 2005, 16, 346-351.	2.2	12
87	Direct and Indirect Mate Choice on Leks. American Naturalist, 2005, 166, 145-157.	2.1	33
88	Major histocompatibility complex variation and mate choice in a lekking bird, the great snipe (Gallinago media). Molecular Ecology, 2004, 13, 3821-3828.	3.9	110
89	Genetic divergence in the superspecies Manacus. Biological Journal of the Linnean Society, 2004, 81, 439-447.	1.6	17
90	Patterns of polymorphism in the MHC classÂII of a non-passerine bird, the great snipe (Gallinago media). Immunogenetics, 2003, 54, 734-741.	2.4	45

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91	From connectivity to isolation: genetic consequences of population fragmentation in capercaillie across Europe. Molecular Ecology, 2003, 12, 1773-1780.	3.9	142
92	Local genetic structure in a whiteâ€bearded manakin population. Molecular Ecology, 2003, 12, 2457-2463.	3.9	31
93	Microsatellite variation in a Chinese grouseBonasa sewerzowipopulation: signs of genetic impoverishment?. Wildlife Biology, 2003, 9, 261-266.	1.4	2
94	Inbreeding depression and male fitness in black grouse. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 711-715.	2.6	125
95	Characterization of microsatellite DNA markers in the white-bearded manakin (Manacus manacus). Molecular Ecology Notes, 2002, 2, 504-505.	1.7	19
96	Polymorphic microsatellite DNA markers in black grouse (Tetrao tetrix). Molecular Ecology Notes, 2001, 1, 303-304.	1.7	80
97	Historical Biogeography and a Mitochondrial DNA Phylogeny of Grouse and Ptarmigan. Molecular Phylogenetics and Evolution, 2001, 20, 149-162.	2.7	66
98	Fine-scale genetic structuring on Manacus manacus leks. Nature, 2000, 408, 352-353.	27.8	102
99	MATING SYSTEMS AND MORPHOLOGY: WHAT CAN PHYLOGENIES TELL US ABOUT THE EVOLUTION OF SEXUAL DIMORPHISM IN LEKKING BIRDS?. , 2000, , .		0
100	Assortative mating and female clutch investment in black grouse. Animal Behaviour, 1998, 56, 1399-1403.	1.9	34
101	A Non-Lekking Population of Black Grouse Tetrao tetrix. Journal of Avian Biology, 1997, 28, 184.	1.2	23
102	Fluctuating asymmetry and copulation success in lekking black grouse. Animal Behaviour, 1997, 54, 265-269.	1.9	16
103	Behaviourally mediated sexual selection: characteristics of successful male black grouse. Animal Behaviour, 1997, 54, 255-264.	1.9	44
104	Food supply and breeding occurrences: the West European population of the lekking great snipe Gallinago media (Latham, 1787) (Aves). Journal of Biogeography, 1997, 24, 213-221.	3.0	13
105	Paternity, copulation disturbance and female choice in lekking black grouse. Animal Behaviour, 1996, 52, 861-873.	1.9	56
106	Delayed breeding and the evolution of mate copying in lekking species. Journal of Theoretical Biology, 1995, 174, 261-267.	1.7	24
107	Mate sampling behaviour of black grouse females (Tetrao tetrix). Behavioral Ecology and Sociobiology, 1995, 37, 209-215.	1.4	69
108	Male territoriality and female choice on black grouse leks. Animal Behaviour, 1995, 49, 759-767.	1.9	35

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109	Mate-choice copying in black grouse. Animal Behaviour, 1995, 49, 1627-1633.	1.9	114
110	Mate sampling behaviour of black grouse females (Tetrao tetrix). Behavioral Ecology and Sociobiology, 1995, 37, 209-215.	1.4	7
111	Leks. , 1995, , .		450
112	Does Lekking Promote the Evolution of Male-Biased Size Dimorphism in Birds? On the Use of Comparative Approaches. American Naturalist, 1994, 144, 881-889.	2.1	29
113	Context-dependent effects of tail-ornament damage on mating success in black grouse. Behavioral Ecology, 1994, 5, 182-187.	2.2	29
114	Costs and consequences of variation in the size of ruff leks. Behavioral Ecology and Sociobiology, 1993, 32, 31.	1.4	68
115	Evolution of black grouse leks: female preferences benefit males in larger leks. Behavioral Ecology, 1992, 3, 53-59.	2.2	164
116	Copying and sexual selection. Trends in Ecology and Evolution, 1992, 7, 229-232.	8.7	201
117	The effects of parasites on male ornaments and female choice in the lek-breeding black grouse (Tetrao) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	69
118	Lekking in the black grouseâ€" a test of male viability. Nature, 1991, 352, 155-156.	27.8	152
119	Hybridization and low numbers in isolated populations of the natterjack, Bufo calamita, and the green toad, B. viridis, in southern Sweden: possible conservation problems. Amphibia - Reptilia, 1991, 12, 267-281.	0.5	4
120	Spacing of leks in relation to female home ranges, habitat requirements and male attractiveness in the great snipe (Gallinago media). Behavioral Ecology and Sociobiology, 1990, 26, 173.	1.4	49
121	Copying the Mate Choice of Others? Observations On Female Black Grouse. Behaviour, 1990, 114, 221-231.	0.8	59
122	Female preferences, male decision rules and the evolution of leks in the great snipe Gallinago media. Animal Behaviour, 1990, 40, 15-22.	1.9	66
123	Females of the lek-breeding great snipe, Gallinago media, prefer males with white tails. Animal Behaviour, 1990, 40, 23-32.	1.9	88
124	Sexual Dimorphism in the Lekking Great Snipe. Ornis Scandinavica, 1990, 21, 1.	1.0	21
125	Sexual selection in common toads: correlates with age and body size. Journal of Evolutionary Biology, 1989, 2, 367-372.	1.7	35
126	Pairing and spawning patterns in the common toad, Bufo bufo: the effects of sex ratios and the time available for male-male competition. Animal Behaviour, 1989, 38, 423-429.	1.9	60

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127	Size and Plumage Dimorphism in Lek-Breeding Birds: A Comparative Analysis. American Naturalist, 1989, 134, 72-87.	2.1	142
128	Patterns of variation in tail ornament size in birds. Biological Journal of the Linnean Society, 1988, 34, 363-374.	1.6	187
129	Chorusing Behaviour, a Densityâ€dependent Alternative Mating Strategy in Male Common Toads (Bufo bufo). Ethology, 1988, 79, 324-332.	1.1	42
130	Random mating by size in a population of common toads (Bufo bufo). Amphibia - Reptilia, 1987, 8, 321-330.	0.5	35
131	Sexual selection in a monomorphic lek-breeding bird: correlates of male mating success in the great snipe Gallinago media. Behavioral Ecology and Sociobiology, 1987, 21, 211-216.	1.4	119
132	Egg predation in forest bird communities on islands and mainland. Oecologia, 1985, 66, 511-515.	2.0	45
133	Nesting holes and food supply in relation to forest bird densities on islands and mainland. Oecologia, 1985, 66, 516-521.	2.0	10
134	Major Histocompatibility Complex Variation and Haplotype Associated Survival in Response to Experimental Infection of Two Bd-GPL Strains Along a Latitudinal Gradient. Frontiers in Ecology and Evolution, 0, 10, .	2.2	6