Hans Ellegren

List of Publications by Year
in descending order

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322 papers	36,766 citations	2669 95 h-index	4419 172 g-index
328 all docs	328 docs citations	328 times ranked	24748 citing authors

#	Article	IF	Citations
1	Microsatellites: simple sequences with complex evolution. Nature Reviews Genetics, 2004, 5, 435-445.	7.7	1,854
2	Whole-genome analyses resolve early branches in the tree of life of modern birds. Science, 2014, 346, 1320-1331.	6.0	1,583
3	A Simple and Universal Method for Molecular Sexing of Non-Ratite Birds. Journal of Avian Biology, 1999, 30, 116.	0.6	1,504
4	The evolution of sex-biased genes and sex-biased gene expression. Nature Reviews Genetics, 2007, 8, 689-698.	7.7	796
5	The genome of a songbird. Nature, 2010, 464, 757-762.	13.7	770
6	Genetic mapping of quantitative trait loci for growth and fatness in pigs. Science, 1994, 263, 1771-1774.	6.0	636
7	The genomic landscape of species divergence in Ficedula flycatchers. Nature, 2012, 491, 756-760.	13.7	589
8	Determinants of genetic diversity. Nature Reviews Genetics, 2016, 17, 422-433.	7.7	587
9	Microsatellite mutations in the germline:. Trends in Genetics, 2000, 16, 551-558.	2.9	576
10	Genome sequencing and population genomics in non-model organisms. Trends in Ecology and Evolution, 2014, 29, 51-63.	4.2	570
11	The abundance of various polymorphic microsatellite motifs differs between plants and vertebrates. Nucleic Acids Research, 1993, 21, 1111-1115.	6.5	495
12	The PiGMaP consortium linkage map of the pig (Sus scrofa). Mammalian Genome, 1995, 6, 157-175.	1.0	475
13	Widespread Origins of Domestic Horse Lineages. Science, 2001, 291, 474-477.	6.0	423
14	First gene on the avian W chromosome (CHD) provides a tag for universal sexing of non-ratite birds. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 1635-1641.	1.2	404
15	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms. Nature, 2004, 432, 717-722.	13.7	391
16	Making sense of genomic islands of differentiation in light of speciation. Nature Reviews Genetics, 2017, 18, 87-100.	7.7	389
17	Rescue of a severely bottlenecked wolf (Canis lupus) population by a single immigrant. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 91-97.	1.2	387
18	Linked selection and recombination rate variation drive the evolution of the genomic landscape of differentiation across the speciation continuum of Ficedula flycatchers. Genome Research, 2015, 25, 1656-1665.	2.4	385

#	Article	IF	Citations
19	Multiple Marker Mapping of Quantitative Trait Loci in a Cross Between Outbred Wild Boar and Large White Pigs. Genetics, 1998, 149, 1069-1080.	1.2	361
20	Sex ratio adjustment in relation to paternal attractiveness in a wild bird population.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11723-11728.	3.3	356
21	Microsatellite â€˜evolutionâ€™: directionality or bias?. Nature Genetics, 1995, 11, 360-362.	9.4	342
22	The evolutionary causes and consequences of sex-biased gene expression. Nature Reviews Genetics, 2013, 14, 83-87.	7.7	322
23	Mitochondrial DNA phylogeography and population history of the grey wolf Canis lupus. Molecular Ecology, 1999, 8, 2089-2103.	2.0	314
24	Heterogeneous mutation processes in human microsatellite DNA sequences. Nature Genetics, 2000, 24, 400-402.	9.4	306
25	Genetic basis of fitness differences in natural populations. Nature, 2008, 452, 169-175.	13.7	304
26	A wide-range survey of cross-species microsatellite amplification in birds. Molecular Ecology, 1996, 5, 365-378.	2.0	304
27	Y chromosome conserved anchored tagged sequences (YCATS) for the analysis of mammalian male-specific DNA. Molecular Ecology, 2002, 12, 283-291.	2.0	280
28	Evolutionary stasis: the stable chromosomes of birds. Trends in Ecology and Evolution, 2010, 25, 283-291.	4.2	245
29	Temporal Dynamics of Avian Populations during Pleistocene Revealed by Whole-Genome Sequences. Current Biology, 2015, 25, 1375-1380.	1.8	243
30	Fitness loss and germline mutations in barn swallows breeding in Chernobyl. Nature, 1997, 389, 593-596.	13.7	239
31	Low Frequency of Microsatellites in the Avianâ€‰Genome. Genome Research, 1997, 7, 471-482.	2.4	238
32	Resolving genetic relationships with microsatellite markers: a parentage testing system for the swallowHirundo rustica. Molecular Ecology, 1995, 4, 493-498.	2.0	237
33	Sexual selection resulting from extrapair paternity in collared flycatchers. Animal Behaviour, 1999, 57, 285-298.	0.8	233
34	Evolution of the avian sex chromosomes from an ancestral pair of autosomes. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8147-8152.	3.3	230
35	To what extent do microsatellite markers reflect genomeâ€wide genetic diversity in natural populations?. Molecular Ecology, 2008, 17, 3808-3817.	2.0	230
36	<scp>PSMC</scp> analysis of effective population sizes in molecular ecology and its application to blackâ€andâ€white Ficedula flycatchers. Molecular Ecology, 2016, 25, 1058-1072.	2.0	225

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37	The Dynamics of Incomplete Lineage Sorting across the Ancient Adaptive Radiation of Neoavian Birds. PLoS Biology, 2015, 13, e1002224.	2.6	223
38	Faced with inequality: chicken do not have a general dosage compensation of sex-linked genes. BMC Biology, 2007, 5, 40.	1.7	222
39	A highâ€density linkage map enables a secondâ€generation collared flycatcher genome assembly and reveals the patterns of avian recombination rate variation and chromosomal evolution. Molecular Ecology, 2014, 23, 4035-4058.	2.0	220
40	Maleâ€“driven evolution of DNA sequences in birds. Nature Genetics, 1997, 17, 182-184.	9.4	216
41	The recombination landscape of the zebra finch Taeniopygia guttata genome. Genome Research, 2010, 20, 485-495.	2.4	212
42	Sex-chromosome evolution: recent progress and the influence of male and female heterogamety. Nature Reviews Genetics, 2011, 12, 157-166.	7.7	204
43	Sexual variation in heritability and genetic correlations of morphological traits in house sparrow (Passer domesticus). Journal of Evolutionary Biology, 2003, 16, 1296-1307.	0.8	201
44	Genomics advances the study of inbreeding depression in the wild. Evolutionary Applications, 2016, 9, 1205-1218.	1.5	200
45	Polymerase-Chain-Reaction (PCR) Analysis of Microsatellites: A New Approach to Studies of Genetic Relationships in Birds. Auk, 1992, 109, 886-895.	0.7	196
46	Evolutionary Strata on the Chicken Z Chromosome: Implications for Sex Chromosome Evolution. Genetics, 2004, 167, 367-376.	1.2	192
47	Directional evolution in germline microsatellite mutations. Nature Genetics, 1996, 13, 391-393.	9.4	190
48	Direct estimate of the rate of germline mutation in a bird. Genome Research, 2016, 26, 1211-1218.	2.4	190
49	Major histocompatibility complex monomorphism and low levels of DNA fingerprinting variability in a reintroduced and rapidly expanding population of beavers.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 8150-8153.	3.3	178
50	Genomics of natural bird populations: a geneâ€based set of reference markers evenly spread across the avian genome. Molecular Ecology, 2008, 17, 964-980.	2.0	174
51	Cloning of highly polymorphic microsatellites in the horse. Animal Genetics, 1992, 23, 133-142.	0.6	168
52	Characteristics, causes and evolutionary consequences of male-biased mutation. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1-10.	1.2	162
53	Sex biases in the mutation rate. Trends in Genetics, 1998, 14, 446-452.	2.9	160
54	Combined use of maternal, paternal and bi-parental genetic markers for the identification of wolfâ€“dog hybrids. Heredity, 2003, 90, 17-24.	1.2	159

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55	Male-Biased Mutation Rate and Divergence in Autosomal, Z-Linked and W-Linked Introns of Chicken and Turkey. Molecular Biology and Evolution, 2004, 21, 1538-1547.	3.5	157
56	A primary linkage map of the porcine genome reveals a low rate of genetic recombination.. Genetics, 1994, 137, 1089-1100.	1.2	155
57	Cattle domestication in the Near East was followed by hybridization with aurochs bulls in Europe. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2345-2351.	1.2	151
58	Microsatellite evolution--a reciprocal study of repeat lengths at homologous loci in cattle and sheep. Molecular Biology and Evolution, 1997, 14, 854-860.	3.5	150
59	Bottlenecked but long-lived: high genetic diversity retained in white-tailed eagles upon recovery from population decline. Biology Letters, 2006, 2, 316-319.	1.0	149
60	Genomic consequences of intensive inbreeding in an isolated wolf population. Nature Ecology and Evolution, 2018, 2, 124-131.	3.4	146
61	Pleiotropic Constraint Hampers the Resolution of Sexual Antagonism in Vertebrate Gene Expression. American Naturalist, 2008, 171, 35-43.	1.0	143
62	Fast-X on the Z: Rapid evolution of sex-linked genes in birds. Genome Research, 2007, 17, 618-624.	2.4	139
63	Comparison of the chicken and turkey genomes reveals a higher rate of nucleotide divergence on microchromosomes than macrochromosomes. Genome Research, 2005, 15, 120-125.	2.4	138
64	New tools for sex identification and the study of sex allocation in birds. Trends in Ecology and Evolution, 1997, 12, 255-259.	4.2	136
65	Limited number of patrilines in horse domestication. Nature Genetics, 2004, 36, 335-336.	9.4	136
66	Mutation rate variation in the mammalian genome. Current Opinion in Genetics and Development, 2003, 13, 562-568.	1.5	135
67	Comparative genomics and the study of evolution by natural selection. Molecular Ecology, 2008, 17, 4586-4596.	2.0	133
68	Copy number variation, chromosome rearrangement, and their association with recombination during avian evolution. Genome Research, 2010, 20, 503-511.	2.4	133
69	Heterozygosityâ€“fitness correlations in zebra finches: microsatellite markers can be better than their reputation. Molecular Ecology, 2012, 21, 3237-3249.	2.0	133
70	From wild wolf to domestic dog: gene expression changes in the brain. Molecular Brain Research, 2004, 126, 198-206.	2.5	128
71	All dosage compensation is local: Gene-by-gene regulation of sex-biased expression on the chicken Z chromosome. Heredity, 2009, 102, 312-320.	1.2	125
72	Molecular evolution of genes in avian genomes. Genome Biology, 2010, 11, R68.	13.9	125

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73	Demographic Divergence History of Pied Flycatcher and Collared Flycatcher Inferred from Whole-Genome Re-sequencing Data. PLoS Genetics, 2013, 9, e1003942.	1.5	124
74	The different levels of genetic diversity in sex chromosomes and autosomes. Trends in Genetics, 2009, 25, 278-284.	2.9	123
75	GENDER AND ENVIRONMENTAL SENSITIVITY IN NESTLING COLLARED FLYCATCHERS. Ecology, 1998, 79, 1939-1948.	1.5	121
76	Genes of domestic mammals augmented by backcrossing with wild ancestors. Trends in Genetics, 2005, 21, 214-218.	2.9	121
77	Evolutionary analysis of the female-specific avian W chromosome. Nature Communications, 2015, 6, 7330.	5.8	121
78	Microsatellite evolution inferred from human- chimpanzee genomic sequence alignments. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8748-8753.	3.3	118
79	Low Levels of Nucleotide Diversity in Mammalian Y Chromosomes. Molecular Biology and Evolution, 2003, 21, 158-163.	3.5	117
80	Insertion-deletion polymorphisms (indels) as genetic markers in natural populations. BMC Genetics, 2008, 9, 8.	2.7	116
81	Ecological and genetic spatial structuring in the Canadian lynx. Nature, 2003, 425, 69-72.	13.7	115
82	Molecular evolutionary genomics of birds. Cytogenetic and Genome Research, 2007, 117, 120-130.	0.6	114
83	Faster-Z Evolution Is Predominantly Due to Genetic Drift. Molecular Biology and Evolution, 2010, 27, 661-670.	3.5	114
84	SNPs in ecological and conservation studies: a test in the Scandinavian wolf population. Molecular Ecology, 2005, 14, 503-511.	2.0	111
85	Sequencing goes 454 and takes largeâ€scale genomics into the wild. Molecular Ecology, 2008, 17, 1629-1631.	2.0	111
86	Prehistoric contacts over the Straits of Gibraltar indicated by genetic analysis of Iberian Bronze Age cattle. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8431-8435.	3.3	109
87	AN EXPERIMENTAL STUDY OF PATERNITY AND TAIL ORNAMENTATION IN THE BARN SWALLOW (<i>HIRUNDO) Tj ETQq1 1 0.784314 g	1.1	108
88	Deterministic Mutation Rate Variation in the Human Genome. Genome Research, 2002, 12, 1350-1356.	2.4	108
89	Unraveling the Processes of Microsatellite Evolution Through Analysis of Germ Line Mutations in Barn Swallows Hirundo rustica. Molecular Biology and Evolution, 1998, 15, 1047-1054.	3.5	107
90	Evolution of the avian sex chromosomes and their role in sex determination. Trends in Ecology and Evolution, 2000, 15, 188-192.	4.2	107

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91	Genetic variation and population structure in Scandinavian wolverine (Gulo gulo) populations. Molecular Ecology, 2001, 10, 53-63.	2.0	106
92	A comprehensive linkage map of the pig based on a wild pig â€•Large White intercross. Animal Genetics, 1996, 27, 255-269.	0.6	105
93	Comparative genomics based on massive parallel transcriptome sequencing reveals patterns of substitution and selection across 10 bird species. Molecular Ecology, 2010, 19, 266-276.	2.0	105
94	Y chromosome haplotyping in Scandinavian wolves (Canis lupus) based on microsatellite markers. Molecular Ecology, 2001, 10, 1959-1966.	2.0	104
95	Comparative mapping reveals extensive linkage conservationâ€”but with gene order rearrangementsâ€”between the pig and the human genomes. Genomics, 1995, 25, 682-690.	1.3	102
96	Resolving Evolutionary Relationships in Closely Related Species with Whole-Genome Sequencing Data. Systematic Biology, 2015, 64, 1000-1017.	2.7	102
97	The gene for dominant white color in the pig is closely linked to ALB and PDGFRA on chromosome 8. Genomics, 1992, 14, 965-969.	1.3	101
98	Speciation, introgressive hybridization and nonlinear rate of molecular evolution in flycatchers. Molecular Ecology, 2008, 10, 737-749.	2.0	99
99	Ontogenetic Complexity of Sexual Dimorphism and Sex-Specific Selection. Molecular Biology and Evolution, 2010, 27, 1570-1578.	3.5	99
100	Identification of a mutation in the low density lipoprotein receptor gene associated with recessive familial hypercholesterolemia in swine. American Journal of Medical Genetics Part A, 1998, 76, 379-386.	2.4	98
101	Two centuries of the Scandinavian wolf population: patterns of genetic variability and migration during an era of dramatic decline. Molecular Ecology, 2003, 12, 869-880.	2.0	98
102	Patterns of molecular evolution in avian microsatellites. Molecular Biology and Evolution, 1998, 15, 997-1008.	3.5	97
103	Third Report on Chicken Genes and Chromosomes 2015. Cytogenetic and Genome Research, 2015, 145, 78-179.	0.6	97
104	The Evolutionary Genomics of Birds. Annual Review of Ecology, Evolution, and Systematics, 2013, 44, 239-259.	3.8	96
105	Mutation rates at porcine microsatellite loci. Mammalian Genome, 1995, 6, 376-377.	1.0	95
106	Genetical and physical assignments of equine microsatellitesâ€”first integration of anchored markers in horse genome mapping. Mammalian Genome, 1997, 8, 267-273.	1.0	95
107	Nonlinear Dynamics of Nonsynonymous (dN) and Synonymous (dS) Substitution Rates Affects Inference of Selection. Genome Biology and Evolution, 2009, 1, 308-319.	1.1	95
108	Genetic Mapping in a Natural Population of Collared Flycatchers (Ficedula albicollis): Conserved Synteny but Gene Order Rearrangements on the Avian Z Chromosome. Genetics, 2006, 174, 377-386.	1.2	93

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109	Assignment of 20 Microsatellite Markers to the Porcine Linkage Map. Genomics, 1993, 16, 431-439.	1.3	91
110	Strong Regional Biases in Nucleotide Substitution in the Chicken Genome. Molecular Biology and Evolution, 2006, 23, 1203-1216.	3.5	91
111	Genome-wide analysis of microsatellite polymorphism in chicken circumventing the ascertainment bias. Genome Research, 2008, 18, 881-887.	2.4	90
112	Speciation inFicedulaflycatchers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1841-1852.	1.8	89
113	A Gene-Based Genetic Linkage Map of the Collared Flycatcher (Ficedula albicollis) Reveals Extensive Synteny and Gene-Order Conservation During 100 Million Years of Avian Evolution. Genetics, 2008, 179, 1479-1495.	1.2	88
114	The Chicken (Gallus gallus) Z Chromosome Contains at Least Three Nonlinear Evolutionary Strata. Genetics, 2008, 180, 1131-1136.	1.2	88
115	MHC class II genes in European wolves: a comparison with dogs. Immunogenetics, 2002, 54, 490-500.	1.2	87
116	Colonization History and Noninvasive Monitoring of a Reestablished Wolverine Population. Conservation Biology, 2004, 18, 676-688.	2.4	87
117	Wholeâ€genome patterns of linkage disequilibrium across flycatcher populations clarify the causes and consequences of fineâ€scale recombination rate variation in birds. Molecular Ecology, 2017, 26, 4158-4172.	2.0	87
118	LIFE HISTORY AND THE MALE MUTATION BIAS. Evolution; International Journal of Organic Evolution, 2003, 57, 2398.	1.1	85
119	Lifetime reproductive success in relation to morphology in the house sparrow Passer domesticus. Journal of Animal Ecology, 2004, 73, 599-611.	1.3	85
120	DNA-Based Individual and Sex Identification from Wolverine (Gulo Gulo) Faeces and Urine. Conservation Genetics, 2004, 5, 405-410.	0.8	85
121	High-Resolution Mapping of Crossover and Non-crossover Recombination Events by Whole-Genome Re-sequencing of an Avian Pedigree. PLoS Genetics, 2016, 12, e1006044.	1.5	85
122	DNA typing of museum birds. Nature, 1991, 354, 113-113.	13.7	84
123	Dynamic Evolution of Base Composition: Causes and Consequences in Avian Phylogenomics. Molecular Biology and Evolution, 2011, 28, 2197-2210.	3.5	84
124	Parentage testing and linkage analysis in the horse using a set of highly polymorphic microsatellites. Animal Genetics, 1994, 25, 19-23.	0.6	83
125	The genetical history of an isolated population of the endangered grey wolf Canis lupus : a study of nuclear and mitochondrial polymorphisms. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 1661-1669.	1.8	82
126	Inbreeding and Relatedness in Scandinavian Grey Wolves Canis Lupus. Hereditas, 2004, 130, 239-244.	0.5	80

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127	The unique genomic properties of sex-biased genes: Insights from avian microarray data. BMC Genomics, 2008, 9, 148.	1.2	79
128	Microsatellite evolution: polarity of substitutions within repeats and neutrality of flanking sequences. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 825-833.	1.2	77
129	EVALUATION OF d2, A MICROSATELLITE MEASURE OF INBREEDING AND OUTBREEDING, IN WOLVES WITH A KNOWN PEDIGREE. Evolution; International Journal of Organic Evolution, 2001, 55, 1256-1260.	1.1	77
130	Inferring Individual Inbreeding and Demographic History from Segments of Identity by Descent inFicedulaFlycatcher Genome Sequences. Genetics, 2017, 205, 1319-1334.	1.2	77
131	Heterogeneity in the rate and pattern of germline mutation at individual microsatellite loci. Nucleic Acids Research, 2002, 30, 1997-2003.	6.5	76
132	Insertion Events of CR1 Retrotransposable Elements Elucidate the Phylogenetic Branching Order in Galliform Birds. Molecular Biology and Evolution, 2006, 24, 338-347.	3.5	76
133	Evidence for GC-biased gene conversion as a driver of between-lineage differences in avian base composition. Genome Biology, 2014, 15, 549.	3.8	76
134	Compositional Evolution of Noncoding DNA in the Human and Chimpanzee Genomes. Molecular Biology and Evolution, 2003, 20, 278-286.	3.5	75
135	Life History Traits, Protein Evolution, and the Nearly Neutral Theory in Amniotes. Molecular Biology and Evolution, 2016, 33, 1517-1527.	3.5	75
136	Genomewide patterns of variation in genetic diversity are shared among populations, species and higherâ€•order taxa. Molecular Ecology, 2017, 26, 4284-4295.	2.0	75
137	QUANTITATIVE GENETICS OF SEXUAL SIZE DIMORPHISM IN THE COLLARED FLYCATCHER,FICEDULA ALBICOLLIS. Evolution; International Journal of Organic Evolution, 1998, 52, 870-876.	1.1	74
138	Chicken W: A genetically uniform chromosome in a highly variable genome. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15967-15969.	3.3	74
139	No evidence for adjustment of sex allocation in relation to paternal ornamentation and paternity in barn swallows. Molecular Ecology, 1999, 8, 399-406.	2.0	72
140	Rapid Evolution of Female-Biased, but Not Male-Biased, Genes Expressed in the Avian Brain. Molecular Biology and Evolution, 2007, 24, 2698-2706.	3.5	72
141	Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment. GigaScience, 2014, 3, 27.	3.3	72
142	Phylogenomic analyses data of the avian phylogenomics project. GigaScience, 2015, 4, 4.	3.3	72
143	Substitution rate variation at human CpG sites correlates with non-CpG divergence, methylation level and GC content. Genome Biology, 2011, 12, R58.	13.9	71
144	Reconstruction of gross avian genome structure, organization and evolution suggests that the chicken lineage most closely resembles the dinosaur avian ancestor. BMC Genomics, 2014, 15, 1060.	1.2	71

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145	The avian genome uncovered. Trends in Ecology and Evolution, 2005, 20, 180-186.	4.2	70
146	Parentage testing and linkage analysis in the horse using a set of highly polymorphic microsatellites. Animal Genetics, 1994, 25, 19-23.	0.6	70
147	GCâ€biased gene conversion links the recombination landscape and demography to genomic base composition. BioEssays, 2015, 37, 1317-1326.	1.2	70
148	New Microsatellites from the Pied Flycatcher Ficedula Hypoleuca and the Swallow Hirundo Rustica Genomes. Hereditas, 2004, 124, 281-284.	0.5	69
149	Recombination Drives Vertebrate Genome Contraction. PLoS Genetics, 2012, 8, e1002680.	1.5	69
150	SEX-LINKAGE OF SEXUALLY ANTAGONISTIC GENES IS PREDICTED BY FEMALE, BUT NOT MALE, EFFECTS IN BIRDS. Evolution; International Journal of Organic Evolution, 2009, 63, 1464-1472.	1.1	67
151	Dosage compensation: do birds do it as well?. Trends in Genetics, 2002, 18, 25-28.	2.9	66
152	Title is missing!. Conservation Genetics, 2002, 3, 97-111.	0.8	66
153	Reduced Variation on the Chicken Z Chromosome. Genetics, 2004, 167, 377-385.	1.2	66
154	Wholeâ€genome resequencing of extreme phenotypes in collared flycatchers highlights the difficulty of detecting quantitative trait loci in natural populations. Molecular Ecology Resources, 2016, 16, 727-741.	2.2	66
155	Cryptic population structure in a large, mobile mammalian predator: the Scandinavian lynx. Molecular Ecology, 2003, 12, 2623-2633.	2.0	65
156	Gene Conversion Drives the Evolution of HINTW, an Ampliconic Gene on the Female-Specific Avian W Chromosome. Molecular Biology and Evolution, 2005, 22, 1992-1999.	3.5	65
157	Wolf or dog? Genetic identification of predators from saliva collected around bite wounds on prey. Conservation Genetics, 2008, 9, 1275-1279.	0.8	65
158	Sexual conflict over fertilizations: female bluethroats escape male paternity guards. Behavioral Ecology and Sociobiology, 1998, 43, 401-408.	0.6	64
159	Male-Driven Biased Gene Conversion Governs the Evolution of Base Composition in Human Alu Repeats. Molecular Biology and Evolution, 2005, 22, 1468-1474.	3.5	64
160	Sex ratio and fledging success of supplementary-fed Tengmalm's owl broods. Molecular Ecology, 2000, 9, 187-192.	2.0	63
161	Antagonistic natural selection revealed by molecular sex identification of nestling collared flycatchers. Molecular Ecology, 1997, 6, 1167-1175.	2.0	62
162	Levels of linkage disequilibrium in a wild bird population. Biology Letters, 2006, 2, 435-438.	1.0	62

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163	Are sex-biased genes more dispensable?. Biology Letters, 2009, 5, 409-412.	1.0	62
164	Early Mesozoic Coexistence of Amniotes and Hepadnaviridae. PLoS Genetics, 2014, 10, e1004559.	1.5	61
165	NONRANDOM DISTRIBUTION OF GENES WITH SEX-BIASED EXPRESSION IN THE CHICKEN GENOME. Evolution; International Journal of Organic Evolution, 2006, 60, 1945-1951.	1.1	60
166	Unequal Contribution of Sexes in the Origin of Dog Breeds. Genetics, 2006, 172, 1121-1128.	1.2	60
167	Transcriptome Sequencing Reveals the Character of Incomplete Dosage Compensation across Multiple Tissues in Flycatchers. Genome Biology and Evolution, 2013, 5, 1555-1566.	1.1	59
168	Recombination Rate Variation Modulates Gene Sequence Evolution Mainly via GC-Biased Gene Conversion, Not Hillâ€“Robertson Interference, in an Avian System. Molecular Biology and Evolution, 2016, 33, 216-227.	3.5	59
169	Abundant recent activity of retrovirusâ€like retrotransposons within and among flycatcher species implies a rich source of structural variation in songbird genomes. Molecular Ecology, 2018, 27, 99-111.	2.0	59
170	Molecular Evolution of the Avian CHD1 Genes on the Z and W Sex Chromosomes. Genetics, 2000, 155, 1903-1912.	1.2	59
171	THE GENOMIC SIGNATURE OF SEXUAL SELECTION IN THE GENETIC DIVERSITY OF THE SEX CHROMOSOMES AND AUTOSOMES. Evolution; International Journal of Organic Evolution, 2012, 66, 2138-2149.	1.1	58
172	Estimation of linkage disequilibrium and interspecific gene flow in <scp>F</scp>icedula flycatchers by a newly developed 50k singleâ€nucleotide polymorphism array. Molecular Ecology Resources, 2014, 14, 1248-1260.	2.2	58
173	A guide to the genomics of ecological speciation in natural animal populations. Ecology Letters, 2011, 14, 9-18.	3.0	57
174	Divergence in gene expression within and between two closely related flycatcher species. Molecular Ecology, 2016, 25, 2015-2028.	2.0	57
175	Ancient DNA reveals traces of Iberian Neolithic and Bronze Age lineages in modern Iberian horses. Molecular Ecology, 2010, 19, 64-78.	2.0	56
176	Evidence for turnover of functional noncoding DNA in mammalian genome evolution. Genomics, 2004, 84, 806-813.	1.3	55
177	Genomic evidence for a large-Z effect. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 361-366.	1.2	55
178	Patterns of sequencing coverage bias revealed by ultra-deep sequencing of vertebrate mitochondria. BMC Genomics, 2014, 15, 467.	1.2	55
179	Increasing the power of genome wide association studies in natural populations using repeated measures â€“ evaluation and implementation. Methods in Ecology and Evolution, 2016, 7, 792-799.	2.2	55
180	Experimentally reduced paternity affects paternal effort and reproductive success in pied flycatchers. Animal Behaviour, 1998, 55, 319-329.	0.8	54

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181	Fast Accumulation of Nonsynonymous Mutations on the Female-Specific W Chromosome in Birds. Journal of Molecular Evolution, 2006, 62, 66-72.	0.8	54
182	Parallel divergence and degradation of the avian W sex chromosome. Trends in Ecology and Evolution, 2007, 22, 389-391.	4.2	54
183	Evolutionary Consequences of DNA Methylation on the GC Content in Vertebrate Genomes. G3: Genes, Genomes, Genetics, 2015, 5, 441-447.	0.8	54
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