Anna Qvarnstrom

List of Publications by Year
in descending order

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103 papers	8,081 citations	61984 43 h-index	53230 85 g-index
110 all docs	110 docs citations	110 times ranked	7459 citing authors

#	Article	IF	Citations
1	The role of phenotypic plasticity in driving genetic evolution. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1433-1440.	2.6	1,143
2	The genomic landscape of species divergence in Ficedula flycatchers. Nature, 2012, 491, 756-760.	27.8	589
3	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.	5.5	385
4	Should females prefer dominant males?. Trends in Ecology and Evolution, 1998, 13, 498-501.	8.7	354
5	Trade-offs between life-history traits and a secondary sexual character in male collared flycatchers. Nature, 1995, 375, 311-313.	27.8	316
6	Sex Chromosome-Linked Species Recognition and Evolution of Reproductive Isolation in Flycatchers. Science, 2007, 318, 95-97.	12.6	246
7	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.	3.9	220
8	Speciation through evolution of sex-linked genes. Heredity, 2009, 102, 4-15.	2.6	218
9	Adaptive plasticity in mate preference linked to differences in reproductive effort. Nature, 2000, 405, 344-347.	27.8	210
10	Maternal effects, paternal effects and sexual selection. Trends in Ecology and Evolution, 2001, 16, 95-100.	8.7	201
11	Direct estimate of the rate of germline mutation in a bird. Genome Research, 2016, 26, 1211-1218.	5.5	190
12	Testing the genetics underlying the co-evolution of mate choice and ornament in the wild. Nature, 2006, 441, 84-86.	27.8	179
13	Experimentally increased badge size increases male competition and reduces male parental care in the collared flycatcher. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1225-1231.	2.6	169
14	Badge size in collared flycatchers predicts outcome of male competition over territories. Animal Behaviour, 1997, 54, 893-899.	1.9	165
15	Context-dependent genetic benefits from mate choice. Trends in Ecology and Evolution, 2001, 16, 5-7.	8.7	153
16	Evolutionary analysis of the female-specific avian W chromosome. Nature Communications, 2015, 6, 7330.	12.8	121
17	Flycatcher song in allopatry and sympatry - convergence, divergence and reinforcement. Journal of Evolutionary Biology, 2004, 17, 227-237.	1.7	116
18	The Intersexual Genetic Correlation for Lifetime Fitness in the Wild and Its Implications for Sexual Selection. PLoS ONE, 2007, 2, e744.	2.5	115

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19	Natural and sexual selection against hybrid flycatchers. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 735-744.	2.6	102
20	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. Journal of Animal Ecology, 2012, 81, 926-936.	2.8	101
21	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.	2.9	93
22	Speciation inFicedulaflycatchers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1841-1852.	4.0	89
23	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.	2.9	88
24	GENOTYPE-BY-ENVIRONMENT INTERACTIONS IN THE DETERMINATION OF THE SIZE OF A SECONDARY SEXUAL CHARACTER IN THE COLLARED FLYCATCHER(FICEDULA ALBICOLLIS). Evolution; International Journal of Organic Evolution, 1999, 53, 1564-1572.	2.3	85
25	High-Resolution Mapping of Crossover and Non-crossover Recombination Events by Whole-Genome Re-sequencing of an Avian Pedigree. PLoS Genetics, 2016, 12, e1006044.	3.5	85
26	Putting Sexual Traits Into the Context of an Organism: A Life-History Perspective in Studies of Sexual Selection. Auk, 2002, 119, 301-310.	1.4	78
27	Prospectors combine social and environmental information to improve habitat selection and breeding success in the subsequent year. Journal of Animal Ecology, 2011, 80, 1227-1235.	2.8	77
28	Inferring Individual Inbreeding and Demographic History from Segments of Identity by Descent inFicedulaFlycatcher Genome Sequences. Genetics, 2017, 205, 1319-1334.	2.9	77
29	Song similarity predicts hybridization in flycatchers. Journal of Evolutionary Biology, 2006, 19, 1202-1209.	1.7	75
30	Adaptive colouration in amphibians. Seminars in Cell and Developmental Biology, 2013, 24, 553-561.	5.0	70
31	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31969-31978.	7.1	69
32	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.	4.8	66
33	Ultra-Rapid Vision in Birds. PLoS ONE, 2016, 11, e0151099.	2.5	66
34	The role of male contest competition over mates in speciation. Environmental Epigenetics, 2012, 58, 493-509.	1.8	65
35	Levels of linkage disequilibrium in a wild bird population. Biology Letters, 2006, 2, 435-438.	2.3	62
36	Environmentâ€dependent selection on mate choice in a natural population of birds. Ecology Letters, 2012, 15, 611-618.	6.4	59

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37	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.	4.8	58
38	POSTZYGOTIC ISOLATION OVER MULTIPLE GENERATIONS OF HYBRID DESCENDENTS IN A NATURAL HYBRID ZONE: HOW WELL DO SINGLE-GENERATION ESTIMATES REFLECT REPRODUCTIVE ISOLATION?. Evolution; International Journal of Organic Evolution, 2009, 63, 1731-1739.	2.3	57
39	Temporal differences in food abundance promote coexistence between two congeneric passerines. Oecologia, 2010, 162, 873-884.	2.0	57
40	A guide to the genomics of ecological speciation in natural animal populations. Ecology Letters, 2011, 14, 9-18.	6.4	57
41	Genotype-by-Environment Interactions in the Determination of the Size of a Secondary Sexual Character in the Collared Flycatcher (Ficedula albicollis). Evolution; International Journal of Organic Evolution, 1999, 53, 1564.	2.3	56
42	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.	5.2	55
43	Lifeâ€history divergence facilitates regional coexistence of competing Ficedula flycatchers. Ecology, 2009, 90, 1948-1957.	3.2	51
44	RAPID POPULATION DIVERGENCE LINKED WITH COâ€VARIATION BETWEEN COLORATION AND SEXUAL DISPLAY IN STRAWBERRY POISON FROGS. Evolution; International Journal of Organic Evolution, 2011, 65, 1271-1282.	2.3	45
45	Genome-wide association mapping in a wild avian population identifies a link between genetic and phenotypic variation in a life-history trait. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150156.	2.6	45
46	Females discriminate against heterospecific sperm in a natural hybrid zone. Evolution; International Journal of Organic Evolution, 2016, 70, 1844-1855.	2.3	45
47	POSITIVE FEEDBACK BETWEEN ECOLOGICAL AND REPRODUCTIVE CHARACTER DISPLACEMENT IN A YOUNG AVIAN HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2012, 66, 1167-1179.	2.3	44
48	Genomic identification and characterization of the pseudoautosomal region in highly differentiated avian sex chromosomes. Nature Communications, 2014, 5, 5448.	12.8	44
49	Low fertility of wild hybrid male flycatchers despite recent divergence. Biology Letters, 2013, 9, 20130169.	2.3	42
50	SEX CHROMOSOME LINKED GENETIC VARIANCE AND THE EVOLUTION OF SEXUAL DIMORPHISM OF QUANTITATIVE TRAITS. Evolution; International Journal of Organic Evolution, 2013, 67, 609-619.	2.3	38
51	Does migration of hybrids contribute to post-zygotic isolation in flycatchers?. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 707-712.	2.6	37
52	Direct benefits and costs for hybridizing Ficedula flycatchers. Journal of Evolutionary Biology, 2007, 20, 854-864.	1.7	37
53	Combined effects of interspecific competition and hybridization impede local coexistence of Ficedula flycatchers. Evolutionary Ecology, 2012, 26, 927-942.	1.2	37
54	A HIGH-DENSITY SCAN OF THE Z CHROMOSOME IN FICEDULA FLYCATCHERS REVEALS CANDIDATE LOCI FOR DIVERSIFYING SELECTION. Evolution; International Journal of Organic Evolution, 2010, 64, 3461-3475.	2.3	35

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55	Does aggression and explorative behaviour decrease with lost warning coloration?. Biological Journal of the Linnean Society, 2013, 108, 116-126.	1.6	33
56	Cross-fostering reveals seasonal changes in the relative fitness of two competing species of flycatchers. Biology Letters, 2005, 1, 68-71.	2.3	31
57	Genetic divergence of early song discrimination between two young songbird species. Nature Ecology and Evolution, 2017, 1, .	7.8	30
58	Female Drosophila melanogaster Gene Expression and Mate Choice: The X Chromosome Harbours Candidate Genes Underlying Sexual Isolation. PLoS ONE, 2011, 6, e17358.	2.5	29
59	Large-scale geographical variation in eggshell metal and calcium content in a passerine bird (Ficedula) Tj ETQq1 1 0.784314 rgBT /Ove	5.3	29
60	A blueprint for vocal learning: auditory predispositions from brains to genomes. Biology Letters, 2015, 11, 20150155.	2.3	29
61	Competition-driven build-up of habitat isolation and selection favoring modified dispersal patterns in a young avian hybrid zone. Evolution; International Journal of Organic Evolution, 2016, 70, 2226-2238.	2.3	29
62	Geographical Variation in Egg Mass and Egg Content in a Passerine Bird. PLoS ONE, 2011, 6, e25360.	2.5	29
63	Hybrid Dysfunction Expressed as Elevated Metabolic Rate in Male Ficedula Flycatchers. PLoS ONE, 2016, 11, e0161547.	2.5	26
64	Climate adaptation and speciation: particular focus on reproductive barriers in Ficedula flycatchers. Evolutionary Applications, 2016, 9, 119-134.	3.1	25
65	Male ornamentation, timing of breeding, and cost of polygyny in the collared flycatcher. Behavioral Ecology, 2003, 14, 68-73.	2.2	24
66	Malaria infections reinforce competitive asymmetry between two Ficedula flycatchers in a recent contact zone. Molecular Ecology, 2013, 22, 4591-4601.	3.9	24
67	Endless forms of sexual selection. PeerJ, 2019, 7, e7988.	2.0	24
68	A Test of the â€œSexy Sonâ€•Hypothesis: Sons of Polygynous Collared Flycatchers Do Not Inherit Their Fathersâ€™ Mating Status. American Naturalist, 2006, 167, 297-302.	2.1	23
69	Maleâ€“male competition and parental care in collared flycatchers (Ficedula albicollis): an experiment controlling for differences in territory quality. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2547-2552.	2.6	22
70	Variation in eggshell traits between geographically distant populations of pied flycatchers Ficedula hypoleuca. Journal of Avian Biology, 2013, 44, 111-120.	1.2	22
71	Species divergence in offspring begging intensity: difference in need or manipulation of parents?. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1003-1008.	2.6	19
72	Learning the Hard Way: Imprinting Can Enhance Enforced Shifts in Habitat Choice. International Journal of Ecology, 2011, 2011, 1-7.	0.8	18

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73	Female collared flycatchers learn to prefer males with an artificial novel ornament. Behavioral Ecology, 2004, 15, 543-548.	2.2	17
74	Reproductive character displacement of female, but not male song discrimination in an avian hybrid zone. Evolution; International Journal of Organic Evolution, 2017, 71, 1776-1786.	2.3	17
75	Effects of hybridization on the immunity of collaredFicedula albicollisand pied flycatchersF. hypoleuca, and their infection by haemosporidians. Journal of Avian Biology, 2009, 40, 352-357.	1.2	16
76	Malaria-Infected Female Collared Flycatchers (Ficedula albicollis) Do Not Pay the Cost of Late Breeding. PLoS ONE, 2014, 9, e85822.	2.5	16
77	Geographical trends in the yolk carotenoid composition of the pied flycatcher (Ficedula hypoleuca). Oecologia, 2011, 165, 277-287.	2.0	15
78	Climateâ€driven buildâ€up of temporal isolation within a recently formed avian hybrid zone. Evolution; International Journal of Organic Evolution, 2018, 72, 363-374.	2.3	15
79	No evidence for Z-chromosome rearrangements between the pied flycatcher and the collared flycatcher as judged by gene-based comparative genetic maps. Molecular Ecology, 2010, 19, 3394-3405.	3.9	13
80	Cryptic female Strawberry poison frogs experience elevated predation risk when associating with an aposematic partner. Ecology and Evolution, 2017, 7, 744-750.	1.9	13
81	Interspecific transfer of parasites following a rangeâ€shift in Ficedula flycatchers. Ecology and Evolution, 2018, 8, 12183-12192.	1.9	13
82	Tissue-specific patterns of regulatory changes underlying gene expression differences among Ficedula flycatchers and their naturally occurring F₁ hybrids. Genome Research, 2020, 30, 1727-1739.	5.5	13
83	Homage to Felsenstein 1981, or why are there so few/many species?. Evolution; International Journal of Organic Evolution, 2021, 75, 978-988.	2.3	13
84	Song discrimination by nestling collared flycatchers during early development. Biology Letters, 2016, 12, 20160234.	2.3	12
85	HYBRIDIZATION COST OF DELAYED MATURATION OF SECONDARY SEXUAL TRAITS IN THE COLLARED FLYCATCHER. Evolution; International Journal of Organic Evolution, 2005, 59, 2711-2716.	2.3	11
86	Should females prefer old males?. Evolution Letters, 2021, 5, 507-520.	3.3	11
87	Low Genetic Variance in the Duration of the Incubation Period in a Collared Flycatcher (Ficedula) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	9
88	Optimizing the trade-off between offspring number and quality in unpredictable environments: Testing the role of differential androgen transfer to collared flycatcher eggs. Hormones and Behavior, 2013, 63, 813-822.	2.1	9
89	Difference in plasticity of resting metabolic rate â€“ the proximate explanation to different niche breadth in sympatric Ficedula flycatchers. Ecology and Evolution, 2018, 8, 4575-4586.	1.9	8
90	COARSE DARK PATTERNING FUNCTIONALLY CONSTRAINS ADAPTIVE SHIFTS FROM APOSEMATISM TO CRYPSIS IN STRAWBERRY POISON FROGS. Evolution; International Journal of Organic Evolution, 2014, 68, 2793-2803.	2.3	7

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91	Evolution of mate choice in the wild (Reply). Nature, 2006, 444, E16-E17.	27.8	6
92	Species replacement reduces community participation in avian antipredator groups. Behavioral Ecology, 2016, 27, 1499-1506.	2.2	6
93	Adaptive coloration in pied flycatchers (Ficedula hypoleucaâ€"The devil is in the detail. Ecology and Evolution, 2021, 11, 1501-1525.	1.9	6
94	Differences in incubation behaviour and niche separation of two competing flycatcher species. Behavioral Ecology and Sociobiology, 2020, 74, 105.	1.4	5
95	Low Heritability but Significant Early Environmental Effects on Resting Metabolic Rate in a Wild Passerine. American Naturalist, 2021, 198, 551-560.	2.1	5
96	Hybridization cost of delayed maturation of secondary sexual traits in the collared flycatcher. Evolution; International Journal of Organic Evolution, 2005, 59, 2711-6.	2.3	4
97	Let's talk turkey: immune competence in domestic and wild fowl. Heredity, 2011, 107, 103-104.	2.6	3
98	Relative performance of hybrid nestlings in Ficedula flycatchers: a translocation experiment. Ecology and Evolution, 2013, 3, 356-364.	1.9	3
99	HYBRIDIZATION COST OF DELAYED MATURATION OF SECONDARY SEXUAL TRAITS IN THE COLLARED FLYCATCHER. Evolution; International Journal of Organic Evolution, 2005, 59, 2711.	2.3	2
100	Avian Population Studies in the Genomic Era. , 2019, , 267-293.		2
101	The role of introductory alarm calls for song discrimination in Ficedula flycatchers. Animal Behaviour, 2021, 177, 241-251.	1.9	2
102	Optimal sperm length for high siring success depends on forehead patch size in collared flycatchers. Behavioral Ecology, 0, , .	2.2	1
103	Putting Sexual Traits into the Context of an Organism: A Life-History Perspective in Studies of Sexual Selection. Auk, 2002, 119, 301-310.	1.4	1