

Anna Qvarnstrom

List of Publications by Year in descending order

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Version: 2024-02-01

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	Adaptive coloration in pied flycatchers (<i>Ficedula hypoleuca</i>) – “The devil is in the detail. <i>Ecology and Evolution</i> , 2021, 11, 1501-1525.	1.9	6
2	Homage to Felsenstein 1981, or why are there so few/many species?. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 978-988.	2.3	13
3	The role of introductory alarm calls for song discrimination in <i>Ficedula</i> flycatchers. <i>Animal Behaviour</i> , 2021, 177, 241-251.	1.9	2
4	Should females prefer old males?. <i>Evolution Letters</i> , 2021, 5, 507-520.	3.3	11
5	Low Heritability but Significant Early Environmental Effects on Resting Metabolic Rate in a Wild Passerine. <i>American Naturalist</i> , 2021, 198, 551-560.	2.1	5
6	Differences in incubation behaviour and niche separation of two competing flycatcher species. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 105.	1.4	5
7	Tissue-specific patterns of regulatory changes underlying gene expression differences among <i>Ficedula</i> flycatchers and their naturally occurring F ₁ hybrids. <i>Genome Research</i> , 2020, 30, 1727-1739.	5.5	13
8	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978.	7.1	69
9	Avian Population Studies in the Genomic Era. , 2019, , 267-293.		2
10	Endless forms of sexual selection. <i>PeerJ</i> , 2019, 7, e7988.	2.0	24
11	Climate-driven build-up of temporal isolation within a recently formed avian hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 363-374.	2.3	15
12	Interspecific transfer of parasites following a range-shift in <i>Ficedula</i> flycatchers. <i>Ecology and Evolution</i> , 2018, 8, 12183-12192.	1.9	13
13	Difference in plasticity of resting metabolic rate – the proximate explanation to different niche breadth in sympatric <i>Ficedula</i> flycatchers. <i>Ecology and Evolution</i> , 2018, 8, 4575-4586.	1.9	8
14	Inferring Individual Inbreeding and Demographic History from Segments of Identity by Descent in <i>Ficedula</i> Flycatcher Genome Sequences. <i>Genetics</i> , 2017, 205, 1319-1334.	2.9	77
15	Reproductive character displacement of female, but not male song discrimination in an avian hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1776-1786.	2.3	17
16	Genetic divergence of early song discrimination between two young songbird species. <i>Nature Ecology and Evolution</i> , 2017, 1, .	7.8	30
17	Cryptic female Strawberry poison frogs experience elevated predation risk when associating with an aposematic partner. <i>Ecology and Evolution</i> , 2017, 7, 744-750.	1.9	13
18	Hybrid Dysfunction Expressed as Elevated Metabolic Rate in Male <i>Ficedula</i> Flycatchers. <i>PLoS ONE</i> , 2016, 11, e0161547.	2.5	26

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19	Females discriminate against heterospecific sperm in a natural hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1844-1855.	2.3	45
20	Whole-genome resequencing of extreme phenotypes in collared flycatchers highlights the difficulty of detecting quantitative trait loci in natural populations. <i>Molecular Ecology Resources</i> , 2016, 16, 727-741.	4.8	66
21	Species replacement reduces community participation in avian antipredator groups. <i>Behavioral Ecology</i> , 2016, 27, 1499-1506.	2.2	6
22	Competition-driven build-up of habitat isolation and selection favoring modified dispersal patterns in a young avian hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2226-2238.	2.3	29
23	Climate adaptation and speciation: particular focus on reproductive barriers in <i>Ficedula</i> flycatchers. <i>Evolutionary Applications</i> , 2016, 9, 119-134.	3.1	25
24	Song discrimination by nestling collared flycatchers during early development. <i>Biology Letters</i> , 2016, 12, 20160234.	2.3	12
25	Direct estimate of the rate of germline mutation in a bird. <i>Genome Research</i> , 2016, 26, 1211-1218.	5.5	190
26	Increasing the power of genome wide association studies in natural populations using repeated measures – evaluation and implementation. <i>Methods in Ecology and Evolution</i> , 2016, 7, 792-799.	5.2	55
27	High-Resolution Mapping of Crossover and Non-crossover Recombination Events by Whole-Genome Re-sequencing of an Avian Pedigree. <i>PLoS Genetics</i> , 2016, 12, e1006044.	3.5	85
28	Ultra-Rapid Vision in Birds. <i>PLoS ONE</i> , 2016, 11, e0151099.	2.5	66
29	A blueprint for vocal learning: auditory predispositions from brains to genomes. <i>Biology Letters</i> , 2015, 11, 20150155.	2.3	29
30	Linked selection and recombination rate variation drive the evolution of the genomic landscape of differentiation across the speciation continuum of <i>Ficedula</i> flycatchers. <i>Genome Research</i> , 2015, 25, 1656-1665.	5.5	385
31	Evolutionary analysis of the female-specific avian W chromosome. <i>Nature Communications</i> , 2015, 6, 7330.	12.8	121
32	Genome-wide association mapping in a wild avian population identifies a link between genetic and phenotypic variation in a life-history trait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150156.	2.6	45
33	Genomic identification and characterization of the pseudoautosomal region in highly differentiated avian sex chromosomes. <i>Nature Communications</i> , 2014, 5, 5448.	12.8	44
34	Estimation of linkage disequilibrium and interspecific gene flow in <i>Ficedula</i> flycatchers by a newly developed 50k single nucleotide polymorphism array. <i>Molecular Ecology Resources</i> , 2014, 14, 1248-1260.	4.8	58
35	A high-density linkage map enables a second-generation collared flycatcher genome assembly and reveals the patterns of avian recombination rate variation and chromosomal evolution. <i>Molecular Ecology</i> , 2014, 23, 4035-4058.	3.9	220
36	Large-scale geographical variation in eggshell metal and calcium content in a passerine bird (<i>Ficedula</i>)	5.3	29

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37	COARSE DARK PATTERNING FUNCTIONALLY CONSTRAINS ADAPTIVE SHIFTS FROM APOSEMATISM TO CRYPISIS IN STRAWBERRY POISON FROGS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2793-2803.	2.3	7
38	Malaria-Infected Female Collared Flycatchers (<i>Ficedula albicollis</i>) Do Not Pay the Cost of Late Breeding. <i>PLoS ONE</i> , 2014, 9, e85822.	2.5	16
39	Malaria infections reinforce competitive asymmetry between two <i>Ficedula</i> flycatchers in a recent contact zone. <i>Molecular Ecology</i> , 2013, 22, 4591-4601.	3.9	24
40	Optimizing the trade-off between offspring number and quality in unpredictable environments: Testing the role of differential androgen transfer to collared flycatcher eggs. <i>Hormones and Behavior</i> , 2013, 63, 813-822.	2.1	9
41	SEX CHROMOSOME LINKED GENETIC VARIANCE AND THE EVOLUTION OF SEXUAL DIMORPHISM OF QUANTITATIVE TRAITS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 609-619.	2.3	38
42	Does aggression and explorative behaviour decrease with lost warning coloration?. <i>Biological Journal of the Linnean Society</i> , 2013, 108, 116-126.	1.6	33
43	Variation in eggshell traits between geographically distant populations of pied flycatchers <i>Ficedula hypoleuca</i> . <i>Journal of Avian Biology</i> , 2013, 44, 111-120.	1.2	22
44	Adaptive colouration in amphibians. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 553-561.	5.0	70
45	Low fertility of wild hybrid male flycatchers despite recent divergence. <i>Biology Letters</i> , 2013, 9, 20130169.	2.3	42
46	Relative performance of hybrid nestlings in <i>Ficedula</i> flycatchers: a translocation experiment. <i>Ecology and Evolution</i> , 2013, 3, 356-364.	1.9	3
47	The role of male contest competition over mates in speciation. <i>Environmental Epigenetics</i> , 2012, 58, 493-509.	1.8	65
48	The genomic landscape of species divergence in <i>Ficedula</i> flycatchers. <i>Nature</i> , 2012, 491, 756-760.	27.8	589
49	Low Genetic Variance in the Duration of the Incubation Period in a Collared Flycatcher (<i>Ficedula</i>) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	9
50	Environment-dependent selection on mate choice in a natural population of birds. <i>Ecology Letters</i> , 2012, 15, 611-618.	6.4	59
51	Combined effects of interspecific competition and hybridization impede local coexistence of <i>Ficedula</i> flycatchers. <i>Evolutionary Ecology</i> , 2012, 26, 927-942.	1.2	37
52	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. <i>Journal of Animal Ecology</i> , 2012, 81, 926-936.	2.8	101
53	POSITIVE FEEDBACK BETWEEN ECOLOGICAL AND REPRODUCTIVE CHARACTER DISPLACEMENT IN A YOUNG AVIAN HYBRID ZONE. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1167-1179.	2.3	44
54	Learning the Hard Way: Imprinting Can Enhance Enforced Shifts in Habitat Choice. <i>International Journal of Ecology</i> , 2011, 2011, 1-7.	0.8	18

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55	Female <i>Drosophila melanogaster</i> Gene Expression and Mate Choice: The X Chromosome Harbours Candidate Genes Underlying Sexual Isolation. PLoS ONE, 2011, 6, e17358.	2.5	29
56	A guide to the genomics of ecological speciation in natural animal populations. Ecology Letters, 2011, 14, 9-18.	6.4	57
57	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
58	RAPID POPULATION DIVERGENCE LINKED WITH CO-VARIATION BETWEEN COLORATION AND SEXUAL DISPLAY IN STRAWBERRY POISON FROGS. Evolution; International Journal of Organic Evolution, 2011, 65, 1271-1282.	2.3	45
59	Let's talk turkey: immune competence in domestic and wild fowl. Heredity, 2011, 107, 103-104.	2.6	3
60	Geographical trends in the yolk carotenoid composition of the pied flycatcher (<i>Ficedula hypoleuca</i>). Oecologia, 2011, 165, 277-287.	2.0	15
61	Geographical Variation in Egg Mass and Egg Content in a Passerine Bird. PLoS ONE, 2011, 6, e25360.	2.5	29
62	Temporal differences in food abundance promote coexistence between two congeneric passerines. Oecologia, 2010, 162, 873-884.	2.0	57
63	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
64	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
65	Speciation in <i>Ficedula</i> flycatchers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1841-1852.	4.0	89
66	Speciation through evolution of sex-linked genes. Heredity, 2009, 102, 4-15.	2.6	218
67	Effects of hybridization on the immunity of collared <i>Ficedula albicollis</i> and pied flycatchers <i>F. hypoleuca</i> , and their infection by haemosporidians. Journal of Avian Biology, 2009, 40, 352-357.	1.2	16
68	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
69	Life-history divergence facilitates regional coexistence of competing <i>Ficedula</i> flycatchers. Ecology, 2009, 90, 1948-1957.	3.2	51
70	A Gene-Based Genetic Linkage Map of the Collared Flycatcher (<i>Ficedula albicollis</i>) Reveals Extensive Synteny and Gene-Order Conservation During 100 Million Years of Avian Evolution. Genetics, 2008, 179, 1479-1495.	2.9	88
71	Natural and sexual selection against hybrid flycatchers. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 735-744.	2.6	102
72	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

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73	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
74	Sex Chromosome-Linked Species Recognition and Evolution of Reproductive Isolation in Flycatchers. Science, 2007, 318, 95-97.	12.6	246
75	Direct benefits and costs for hybridizing <i>Ficedula</i> flycatchers. Journal of Evolutionary Biology, 2007, 20, 854-864.	1.7	37
76	The Intersexual Genetic Correlation for Lifetime Fitness in the Wild and Its Implications for Sexual Selection. PLoS ONE, 2007, 2, e744.	2.5	115
77	Levels of linkage disequilibrium in a wild bird population. Biology Letters, 2006, 2, 435-438.	2.3	62
78	A Test of the "Sexy Son" Hypothesis: Sons of Polygynous Collared Flycatchers Do Not Inherit Their Fathers' Mating Status. American Naturalist, 2006, 167, 297-302.	2.1	23
79	Song similarity predicts hybridization in flycatchers. Journal of Evolutionary Biology, 2006, 19, 1202-1209.	1.7	75
80	Testing the genetics underlying the co-evolution of mate choice and ornament in the wild. Nature, 2006, 441, 84-86.	27.8	179
81	Evolution of mate choice in the wild (Reply). Nature, 2006, 444, E16-E17.	27.8	6
82	Genetic Mapping in a Natural Population of Collared Flycatchers (<i>Ficedula albicollis</i>): Conserved Synteny but Gene Order Rearrangements on the Avian Z Chromosome. Genetics, 2006, 174, 377-386.	2.9	93
83	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
84	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
85	Cross-fostering reveals seasonal changes in the relative fitness of two competing species of flycatchers. Biology Letters, 2005, 1, 68-71.	2.3	31
86	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
87	Female collared flycatchers learn to prefer males with an artificial novel ornament. Behavioral Ecology, 2004, 15, 543-548.	2.2	17
88	Flycatcher song in allopatry and sympatry - convergence, divergence and reinforcement. Journal of Evolutionary Biology, 2004, 17, 227-237.	1.7	116
89	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
90	Male ornamentation, timing of breeding, and cost of polygyny in the collared flycatcher. Behavioral Ecology, 2003, 14, 68-73.	2.2	24

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91	Putting Sexual Traits Into the Context of an Organism: A Life-History Perspective in Studies of Sexual Selection. <i>Auk</i> , 2002, 119, 301-310.	1.4	78
92	Putting Sexual Traits into the Context of an Organism: A Life-History Perspective in Studies of Sexual Selection. <i>Auk</i> , 2002, 119, 301-310.	1.4	1
93	Context-dependent genetic benefits from mate choice. <i>Trends in Ecology and Evolution</i> , 2001, 16, 5-7.	8.7	153
94	Maternal effects, paternal effects and sexual selection. <i>Trends in Ecology and Evolution</i> , 2001, 16, 95-100.	8.7	201
95	Adaptive plasticity in mate preference linked to differences in reproductive effort. <i>Nature</i> , 2000, 405, 344-347.	27.8	210
96	Maleâ€“male competition and parental care in collared flycatchers (<i>Ficedula albicollis</i>): an experiment controlling for differences in territory quality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2547-2552.	2.6	22
97	Genotype-by-Environment Interactions in the Determination of the Size of a Secondary Sexual Character in the Collared Flycatcher (<i>Ficedula albicollis</i>). <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1564.	2.3	56
98	GENOTYPE-BY-ENVIRONMENT INTERACTIONS IN THE DETERMINATION OF THE SIZE OF A SECONDARY SEXUAL CHARACTER IN THE COLLARED FLYCATCHER (<i>FICEDULA ALBICOLLIS</i>). <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1564-1572.	2.3	85
99	Should females prefer dominant males?. <i>Trends in Ecology and Evolution</i> , 1998, 13, 498-501.	8.7	354
100	Experimentally increased badge size increases male competition and reduces male parental care in the collared flycatcher. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1225-1231.	2.6	169
101	Badge size in collared flycatchers predicts outcome of male competition over territories. <i>Animal Behaviour</i> , 1997, 54, 893-899.	1.9	165
102	Trade-offs between life-history traits and a secondary sexual character in male collared flycatchers. <i>Nature</i> , 1995, 375, 311-313.	27.8	316
103	Optimal sperm length for high siring success depends on forehead patch size in collared flycatchers. <i>Behavioral Ecology</i> , 0, , .	2.2	1