List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7204999/publications.pdf Version: 2024-02-01

		41258	25716
135	12,172	49	108
papers	citations	h-index	g-index
137	137	137	7900
all docs	docs citations	times ranked	citing authors

DETED T ROAC

#	Article	IF	CITATIONS
1	Unrepeatable Repeatabilities: A Common Mistake. Auk, 1987, 104, 116-121.	0.7	2,712
2	Preservation of avian blood and tissue samples for DNA analyses. Canadian Journal of Zoology, 1991, 69, 82-90.	0.4	1,471
3	Intense Natural Selection in a Population of Darwin's Finches (Geospizinae) in the Galapagos. Science, 1981, 214, 82-85.	6.0	551
4	Realized Reproductive Success of Polygynous Red-Winged Blackbirds Revealed by DNA Markers. Science, 1990, 250, 1394-1397.	6.0	356
5	Female Eavesdropping on Male Song Contests in Songbirds. Science, 2002, 296, 873-873.	6.0	288
6	Extra-pair paternity in monogamous tree swallows. Animal Behaviour, 1993, 45, 213-229.	0.8	236
7	Riverine barriers and the geographic distribution of Amazonian species. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13672-13677.	3.3	227
8	Recurrent patterns of natural selection in a population of Darwin's finches. Nature, 1984, 309, 787-789.	13.7	214
9	Extrapair paternity and egg hatchability in tree swallows: evidence for the genetic compatibility hypothesis?. Behavioral Ecology, 1999, 10, 304-311.	1.0	197
10	Effects of Nestling Diet on Growth and Adult Size of Zebra Finches (Poephila guttata). Auk, 1987, 104, 155-166.	0.7	193
11	Do female black-capped chickadees prefer high-ranking males as extra-pair partners?. Behavioral Ecology and Sociobiology, 1998, 43, 25-36.	0.6	184
12	Heritability of external morphology in Darwin's finches. Nature, 1978, 274, 793-794.	13.7	163
13	Darwin's Finches (Geospiza) On Isla Daphne Major, Galapagos: Breeding and Feeding Ecology in a Climatically Variable Environment. Ecological Monographs, 1984, 54, 463-489.	2.4	159
14	Pair and extra-pair mating success relative to male quality in red-winged blackbirds. Behavioral Ecology and Sociobiology, 1995, 37, 81-91.	0.6	151
15	Effects of breeding density, synchrony, and experience on extrapair paternity in tree swallows. Behavioral Ecology, 1994, 5, 123-129.	1.0	143
16	Extra-pair paternity and the opportunity for sexual selection in a socially monogamous bird (Dendroica petechia). Behavioral Ecology and Sociobiology, 1995, 37, 179-188.	0.6	138
17	THE ORIGIN AND DIVERSIFICATION OF GALAPAGOS MOCKINGBIRDS. Evolution; International Journal of Organic Evolution, 2006, 60, 370-382.	1.1	128
18	Sexual selection and cuckoldry in a monogamous songbird: implications for sexual selection theory. Behavioral Ecology and Sociobiology, 1994, 35, 193-199.	0.6	127

#	Article	IF	CITATIONS
19	Non-breeding season events influence sexual selection in a long-distance migratory bird. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1619-1626.	1.2	127
20	Disruptive sexual selection for plumage coloration in a passerine bird. Nature, 2000, 407, 1000-1003.	13.7	125
21	Spring Declines in Microtus pennsylvanicus and the Role of Steroid Hormones. Journal of Animal Ecology, 1992, 61, 339.	1.3	121
22	DNA fingerprinting reveals relation between tail ornaments and cuckoldry in barn swallows, Hirundo rustica. Behavioral Ecology, 1991, 2, 90-98.	1.0	115
23	Extra-pair paternity in tree swallows: why do females mate with more than one male?. Behavioral Ecology and Sociobiology, 1994, 35, 273-281.	0.6	112
24	THE HERITABILITY OF EXTERNAL MORPHOLOGY IN DARWIN'S GROUND FINCHES ( <i>GEOSPIZA</i> ) ON ISLA DAPHNE MAJOR, GALÃPAGOS. Evolution; International Journal of Organic Evolution, 1983, 37, 877-894.	1.1	105
25	Quantitative Genetics. , 1987, , 45-78.		105
26	The high frequency of extra-pair paternity in tree swallows is not an artifact of nestboxes. Behavioral Ecology and Sociobiology, 1996, 38, 425-430.	0.6	104
27	Maternal influences on population dynamics: evidence from an exploited freshwater fish. Ecology, 2010, 91, 2003-2012.	1.5	97
28	Extra-pair paternity and the reproductive role of male floaters in the tree swallow (Tachycineta) Tj ETQq0 0 0 rgB	T /Overloc	k 10 Tf 50 38
29	Cryptic lineages in a small frog: the post-glacial history of the spring peeper, Pseudacris crucifer (Anura: Hylidae). Molecular Phylogenetics and Evolution, 2002, 25, 316-329.	1.2	96
30	How large was the founding population of Darwin's finches?. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 111-118.	1.2	95
31	Rainfall on the Galápagos and the Demography of Darwin's Finches. Auk, 1980, 97, 227-244.	0.7	84
32	The cost of extra-pair fertilizations to female red-winged blackbirds. Proceedings of the Royal Society B: Biological Sciences, 1994, 258, 315-320.	1.2	81
33	Divorce and extrapair mating in female black-capped chickadees ( Parus atricapillus ): separate strategies with a common target. Behavioral Ecology and Sociobiology, 2000, 49, 18-23.	0.6	78
34	Discordant temporal and geographic patterns in maternal lineages of eastern north American frogs, Rana catesbeiana (Ranidae) and Pseudacris crucifer (Hylidae). Molecular Phylogenetics and Evolution, 2004, 32, 799-816.	1.2	77
35	Sizing bands on autoradiograms: A study of precision for scoring DNA fingerprints. Electrophoresis, 1991, 12, 210-220.	1.3	74
36	Mating system of the cooperatively breeding noisy miner Manorina melanocephala, as revealed by DNA profiling. Behavioral Ecology and Sociobiology, 1995, 37, 137-143.	0.6	74

#	Article	IF	CITATIONS
37	Achromatic plumage reflectance predicts reproductive success in male black-capped chickadees. Behavioral Ecology, 2005, 16, 218-222.	1.0	74
38	Patterns of extrapair mating in relation to male dominance status and female nest placement in black-capped chickadees. Behavioral Ecology, 2004, 15, 757-765.	1.0	70
39	Paternity and paternal care in the polygynandrous Smith's longspur. Behavioral Ecology and Sociobiology, 1998, 43, 181-190.	0.6	69
40	The classical case of character release: Darwin's finches (Geospiza) on Isla Daphne Major, Galápagos. Biological Journal of the Linnean Society, 1984, 22, 243-287.	0.7	67
41	A TEST OF THE CHITTY HYPOTHESIS: INHERITANCE OF LIFE-HISTORY TRAITS IN MEADOW VOLES <i>MICROTUS PENNSYLVANICUS </i> . Evolution; International Journal of Organic Evolution, 1987, 41, 929-947.	1.1	67
42	Paternity and the Relatedness of Helpers in the Cooperatively Breeding Bell Miner. Condor, 1998, 100, 343-349.	0.7	64
43	Extra-Pair Paternity in the Black-Capped Chickadee. Condor, 1994, 96, 218-222.	0.7	63
44	Genetic evidence for femaleâ€biased dispersal in the bullfrog, Rana catesbeiana (Ranidae). Molecular Ecology, 2003, 12, 3165-3172.	2.0	62
45	The Heritability of External Morphology in Darwin's Ground Finches (Geospiza) on Isla Daphne Major, Galapagos. Evolution; International Journal of Organic Evolution, 1983, 37, 877.	1.1	61
46	Unfit mothers? Maternal infanticide in royal penguins. Animal Behaviour, 1995, 50, 1177-1185.	0.8	60
47	Appraisal of the consequences of the DDT-induced bottleneck on the level and geographic distribution of neutral genetic variation in Canadian peregrine falcons, Falco peregrinus. Molecular Ecology, 2007, 16, 327-343.	2.0	60
48	The reproductive choices of eavesdropping female black-capped chickadees, Poecile atricapillus. Die Naturwissenschaften, 2003, 90, 577-582.	0.6	59
49	Cuckoldry and lack of parentage-dependent paternal care in yellow warblers: a cost–benefit approach. Animal Behaviour, 1996, 52, 821-832.	0.8	53
50	Controlling for the Effects of History and Nonequilibrium Conditions in Gene Flow Estimates in Northern Bullfrog (Rana catesbeiana) Populations. Genetics, 2004, 168, 1491-1506.	1.2	52
51	Selection in Natural Populations of Birds. , 1987, , 257-287.		51
52	Mitochondrial DNA Homogeneity in the Phenotypically Diverse Redpoll Finch Complex (Aves:) Tj ETQq0 0 0 rgBT , 1995, 49, 962.	/Overlock 1.1	10 Tf 50 147 50
53	Playback of colony sound alters the breeding schedule and clutch size in zebra finch ( Taeniopygia) Tj ETQq1 10.	784314 rg 1.2	gBT /Overlock
54	GENETIC ESTIMATES OF ANNUAL AND LIFETIME REPRODUCTIVE SUCCESS IN MALE RED-WINGED BLACKBIRDS.	1.5	48

Ecology, 1997, 78, 884-896.

48

#	Article	IF	CITATIONS
55	THE MITOCHONDRIAL AND NUCLEAR GENETIC HOMOGENEITY OF THE PHENOTYPICALLY DIVERSE DARWIN'S GROUND FINCHES. Evolution; International Journal of Organic Evolution, 1999, 53, 1553-1563.	1.1	47
56	High levels of extra-pair paternity in an isolated, low-density, island population of tree swallows (Tachycineta bicolor). Molecular Ecology, 2001, 10, 1301-1308.	2.0	46
57	A Molecular Phylogeny of Warbling-Finches (Poospiza): Paraphyly in a Neotropical Emberizid Genus. Molecular Phylogenetics and Evolution, 2000, 17, 367-378.	1.2	45
58	Perception and History: Molecular Phylogeny of a Diverse Group of Neotropical Frogs, the 30-Chromosome Hyla (Anura: Hylidae). Molecular Phylogenetics and Evolution, 2001, 18, 370-385.	1.2	45
59	Effects of colour bands on male competition and sexual attractiveness in zebra finches ( <i>Poephila) Tj ETQq1 1</i>	0.784314 0.4	∙ rg <mark>8</mark> T /Overlo
60	A Test of the Chitty Hypothesis: Inheritance of Life-History Traits in Meadow Voles Microtus pennsylvanicus. Evolution; International Journal of Organic Evolution, 1987, 41, 929.	1.1	43
61	Multiple paternity in clutches of snapping turtles (Chelydra serpentina) detected using DNA fingerprints. Canadian Journal of Zoology, 1993, 71, 318-324.	0.4	43
62	Extra-pair paternity in willow ptarmigan broods: measuring costs of polygyny to males. Behavioral Ecology and Sociobiology, 1995, 36, 349-355.	0.6	43
63	Phylogenetics, zoogeography, and the role of dispersal and vicariance in the evolution of the Rana catesbeiana (Anura: Ranidae) species group. Biological Journal of the Linnean Society, 2003, 80, 601-624.	0.7	43
64	Are least flycatcher (Empidonax minimus) clusters hidden leks?. Behavioral Ecology, 2005, 16, 207-217.	1.0	43
65	Extensive sampling of polar bears ( <i><scp>U</scp>rsus maritimus</i> ) in the <scp>N</scp> orthwest <scp>P</scp> assage ( <scp>C</scp> anadian <scp>A</scp> rctic <scp>A</scp> rchipelago) reveals population differentiation across multiple spatial and temporal scales. Ecology and Evolution, 2013, 3, 3152-3165.	0.8	43
66	Frequency of Extrapair Young Increases in Second Broods of Eastern Phoebes. Auk, 1998, 115, 497-502.	0.7	42
67	Male-biased sex ratios in broods of the cooperatively breeding bell miner Manorina melanophrys. Journal of Avian Biology, 2002, 33, 71-76.	0.6	42
68	Variation in social rank acquisition influences lifetime reproductive success in black-capped chickadees. Biological Journal of the Linnean Society, 2007, 90, 85-95.	0.7	42
69	Multi-character perspectives on the evolution of intraspecific differentiation in a neotropical hylid frog. BMC Evolutionary Biology, 2006, 6, 23.	3.2	41
70	Phylogenetics of Darwin's Finches: Paraphyly in the Tree-Finches, and Two Divergent Lineages in the Warbler Finch. Auk, 1999, 116, 577-588.	0.7	40
71	Sexual Preferences of Female Zebra Finches: Imprinting On Beak Colour. Behaviour, 1994, 128, 15-24.	0.4	38
72	Frequency and timing of extrapair fertilisation in the polyandrous red phalarope ( Phalaropus) Tj ETQq0 0 0 rgBT	/Overlock	10 Tf 50 62 1

5

#	Article	IF	CITATIONS
73	Morphometric Variability in Redpolls from Churchill, Manitoba. Auk, 1993, 110, 832-843.	0.7	35
74	The Mitochondrial and Nuclear Genetic Homogeneity of the Phenotypically Diverse Darwin's Ground Finches. Evolution; International Journal of Organic Evolution, 1999, 53, 1553.	1.1	35
75	Integrated and novel survey methods for rhinoceros populations confirm the extinction of Rhinoceros sondaicus annamiticus from Vietnam. Biological Conservation, 2012, 155, 59-67.	1.9	35
76	Plumage coloration predicts paternity and polygyny in the American redstart. Animal Behaviour, 2009, 77, 495-501.	0.8	34
77	Effects of the organophosphorus pesticide fenitrothion on behavior and reproduction in zebra finches. Environmental Research, 1990, 53, 62-75.	3.7	31
78	Temporary male removal increases extra-pair paternity in eastern bluebirds. Animal Behaviour, 1996, 52, 1177-1183.	0.8	31
79	Male-biased Mutation Rates and the Overestimation of Extrapair Paternity: Problem, Solution, and Illustration Using Thick-Billed Murres (Uria lomvia, Alcidae). , 2004, 95, 209-210.		30
80	MICROGEOGRAPHIC VARIATION IN MITOCHONDRIAL DNA OF MEADOW VOLES ( <i>MICROTUS) Tj ETQq0 0 C Organic Evolution, 1989, 43, 1522-1537.</i>	) rgBT /Over 1.1	ock 10 Tf 50 4 29
81	Inhibition of brain and plasma cholinesterase activity in zebra finches orally dosed with fenitrothion. Environmental Toxicology and Chemistry, 1990, 9, 323-334.	2.2	28
82	Colony sound facilitates sexual and agonistic activities in royal penguins. Animal Behaviour, 2000, 60, 77-84.	0.8	27
83	Low <scp>MHC</scp> variation in the polar bear: implications in the face of <scp>A</scp> rctic warming?. Animal Conservation, 2013, 16, 671-683.	1.5	27
84	Ecological linkages between community and genetic diversity in zooplankton among boreal shield lakes. Ecology, 2009, 90, 2275-2286.	1.5	26
85	Microsatellite loci from common and thick-billed murres, Uria aalge and U. lomvia. Molecular Ecology, 2000, 9, 638-639.	2.0	24
86	A molecular perspective on the evolutionary affinities of an enigmatic neotropical frog, Allophryne ruthveni. Zoological Journal of the Linnean Society, 2002, 134, 335-346.	1.0	24
87	Sexual selection and cuckoldry in a monogamous songbird: implications for sexual selection theory. Behavioral Ecology and Sociobiology, 1994, 35, 193-199.	0.6	24
88	MITOCHONDRIAL DNA HOMOGENEITY IN THE PHENOTYPICALLY DIVERSE REDPOLL FINCH COMPLEX (AVES:) Evolution, 1995, 49, 962-973.	Tj ETQq0 0 1.1	0 rgBT /Overlc 23
89	Sex allocation in black-capped chickadees Poecile atricapilla. Journal of Avian Biology, 2003, 34, 134-139.	0.6	23
90	Dinucleotide microsatellite primers designed for a critically endangered primate, the black lion	1.7	22

tamarin (Leontopithecus chrysopygus). Molecular Ecology Notes, 2005, 5, 198-201. 90

#	Article	IF	CITATIONS
91	Evolutionary shifts in copepod acid tolerance in an acid-recovering lake indicated by resurrected resting eggs. Evolutionary Ecology, 2010, 24, 133-145.	0.5	22
92	Title is missing!. Conservation Genetics, 2002, 3, 1-13.	0.8	21
93	Macrogeographic variation in mitochondrial DNA of meadow voles (Microtus pennsylvanicus). Canadian Journal of Zoology, 1989, 67, 158-167.	0.4	19
94	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013–31 May 2013. Molecular Ecology Resources, 2013, 13, 966-968.	2.2	19
95	Genetic population structure of the sagebrush Brewer's sparrow, Spizella breweri breweri, in a fragmented landscape at the northern range periphery. Conservation Genetics, 2007, 8, 1453-1463.	0.8	16
96	Extra-pair paternity in tree swallows: why do females mate with more than one male?. Behavioral Ecology and Sociobiology, 1994, 35, 273-281.	0.6	16
97	No Extra-pair Fertilization Observed in Nazca Booby (Sula granti) Broods. Wilson Journal of Ornithology, 2006, 118, 244-247.	0.1	15
98	Relationships between carotenoid-based female plumage and age, reproduction, and mate colour in the American Redstart ( <i>Setophaga ruticilla</i> ). Canadian Journal of Zoology, 2013, 91, 589-595.	0.4	15
99	Form, function and consequences of density dependence in a longâ€distance migratory bird. Oikos, 2014, 123, 356-364.	1.2	14
100	Mate choice, reproductive success and inbreeding in white rhinoceros: New insights for conservation management. Evolutionary Applications, 2020, 13, 699-714.	1.5	14
101	Extra-pair paternity and the opportunity for sexual selection in a socially monogamous bird () Tj ETQq1 1 0.7843	814 rgBT /0	Overlock 10
102	Nondestructive sampling of mitochondrial DNA from voles ( <i>Microtus</i> ). Canadian Journal of Zoology, 1987, 65, 175-180.	0.4	13
103	Polymorphic microsatellites in white rhinoceros. Molecular Ecology Notes, 2003, 3, 344-345.	1.7	13
104	Sexing beluga whales (Delphinapterus leucas) by means of DNA markers. Canadian Journal of Zoology, 1991, 69, 1971-1976.	0.4	12
105	Plumage Variability in Redpolls from Churchill, Manitoba. Auk, 1992, 109, 771-785.	0.7	12
106	SONG STRUCTURE MAY DIFFER BETWEEN MALE AND FEMALE LEAST FLYCATCHERS. The Wilson Bulletin, 2003, 115, 241-245.	0.5	12
107	Conservation genetics of the black rhinoceros, Diceros bicornis bicornis, in Namibia. Conservation Genetics, 2011, 12, 783-792.	0.8	12
108	Microgeographic Variation in Mitochondrial DNA of Meadow Voles (Microtus pennsylvanicus) in Relation to Population Density. Evolution; International Journal of Organic Evolution, 1989, 43, 1522.	1.1	11

#	Article	IF	CITATIONS
109	Toward a non-invasive inuit polar bear survey: Genetic data from polar bear hair snags. Wildlife Society Bulletin, 2013, 37, 394-401.	1.6	11
110	Polymorphic microsatellite loci for assigning parentage in least flycatchers (Empidonax minimus ). Molecular Ecology Notes, 2001, 1, 146-148.	1.7	10
111	Effects of fenitrothion on memory for cacheâ€site locations in blackâ€capped chickadees. Environmental Toxicology and Chemistry, 1994, 13, 281-290.	2.2	9
112	The effects of physostigmine and scopolamine on memory for food caches in the black-capped chickadee. Pharmacology Biochemistry and Behavior, 1994, 49, 363-370.	1.3	9
113	Hierarchical Analysis of Genetic Population Structure in the Noisy Miner Using DNA Microsatellite Markers. Condor, 2002, 104, 652-656.	0.7	8
114	Optimization of novel polymorphic microsatellites in the endangered Sumatran rhinoceros (Dicerorhinus sumatrensis). Molecular Ecology Notes, 2004, 4, 194-196.	1.7	8
115	A Test of Inbreeding Avoidance in the Zebra Finch. Ethology, 1989, 82, 265-274.	0.5	8
116	Darwin centenary year: Galápagos evolution continues. Nature, 1983, 301, 12-12.	13.7	7
117	Highly polymorphic genetic markers in meadow voles (Microtus pennsylvanicus) revealed by a murine major histocompatibility complex (MHC) probe. Canadian Journal of Zoology, 1991, 69, 213-220.	0.4	7
118	Genetic Estimates of Annual and Lifetime Reproductive Success in Male Red- Winged Blackbirds. Ecology, 1997, 78, 884.	1.5	7
119	Microsatellite Variation in Namibian Brown Hyenas (Hyaena brunnea): Population Structure and Mating System Implications. Journal of Mammalogy, 2009, 90, 1381-1391.	0.6	7
120	Development of nineteen polymorphic microsatellite loci in the threatened polar bear (Ursus) Tj ETQq0 0 0 rgBT	/Overlock	10 <sub>7</sub> Tf 50 302
121	Species extinction: More extinct island birds. Nature, 1983, 305, 274-275.	13.7	6
122	HIERARCHICAL ANALYSIS OF GENETIC POPULATION STRUCTURE IN THE NOISY MINER USING DNA MICROSATELLITE MARKERS. Condor, 2002, 104, 652.	0.7	6
123	Optimization of novel polymorphic microsatellites in muskox (Ovibos Moschatus) leads to an increased estimate of muskox microsatellite diversity. Molecular Ecology Notes, 2004, 4, 713-715.	1.7	6
124	Delayed maturation of multiple signals in a migratory songbird. Behavioral Ecology and Sociobiology, 2012, 66, 419-431.	0.6	5
125	A method to improve confidence in paternity assignment in an open mating system. Canadian Journal of Zoology, 2003, 81, 2073-2076.	0.4	4
126	Habitat Fragmentation and Paternity in Least Flycatchers. Wilson Journal of Ornithology, 2009, 121, 306-313.	0.1	4

#	Article	IF	CITATIONS
127	First Record of a Blackpoll Warbler for the Galapagos. Condor, 1979, 81, 218.	0.7	2
128	Adaptive variation in bill size of African seed-crackers. Nature, 1987, 329, 669-670.	13.7	2
129	Mating system of the cooperatively breeding noisy miner Manorina melanocephala, as revealed by DNA profiling. Behavioral Ecology and Sociobiology, 1995, 37, 137-143.	0.6	2
130	GENETICS OF AVIAN MATING SYSTEMS. , 2000, , .		2
131	EFFECTS OF FENITROTHION ON MEMORY FOR CACHE-SITE LOCATIONS IN BLACK-CAPPED CHICKADEES. Environmental Toxicology and Chemistry, 1994, 13, 281.	2.2	1
132	Golden Eagle Nest on Kodiak Island, Alaska. Condor, 1979, 81, 218.	0.7	0
133	DNA Fingerprinting of Turtles. Journal of Herpetology, 1995, 29, 285.	0.2	Ο
134	DNA Fingerprinting in Minyobates minutus, the Minute Poison Frog. Journal of Herpetology, 2000, 34, 310.	0.2	0
135	Extraâ€pair offspring are less heterozygous than withinâ€pair offspring in American redstarts Setophaga ruticilla. Journal of Avian Biology, 2019, 50, .	0.6	0