Peter R Grant

List of Publications by Year
in descending order

91	11,425	38742 50	48315 88
papers	citations	h-index	g-index

99	99	99	9146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unpredictable Evolution in a 30-Year Study of Darwin's Finches. Science, 2002, 296, 707-711.	12.6	1,068
2	Evolution of Darwinâ€™s finches and their beaks revealed by genome sequencing. Nature, 2015, 518, 371-375.	27.8	766
3	Evolution of Character Displacement in Darwin's Finches. Science, 2006, 313, 224-226.	12.6	763
4	Bmp4 and Morphological Variation of Beaks in Darwin's Finches. Science, 2004, 305, 1462-1465.	12.6	706
5	The calmodulin pathway and evolution of elongated beak morphology in Darwin's finches. Nature, 2006, 442, 563-567.	27.8	564
6	CULTURAL INHERITANCE OF SONG AND ITS ROLE IN THE EVOLUTION OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1996, 50, 2471-2487.	2.3	337
7	Rapid hybrid speciation in Darwinâ€™s finches. Science, 2018, 359, 224-228.	12.6	327
8	Oscillating selection on Darwin's finches. Nature, 1987, 327, 511-513.	27.8	282
9	Determinants of Morphological Patterns in Communities of Darwin's Finches. American Naturalist, 1984, 123, 175-196.	2.1	253
10	PREDICTING MICROEVOLUTIONARY RESPONSES TO DIRECTIONAL SELECTION ON HERITABLE VARIATION. Evolution; International Journal of Organic Evolution, 1995, 49, 241-251.	2.3	247
11	Hybridization, Sexual Imprinting, and Mate Choice. American Naturalist, 1997, 149, 1-28.	2.1	246
12	Recurrent patterns of natural selection in a population of Darwin's finches. Nature, 1984, 309, 787-789.	27.8	214
13	PHENOTYPIC AND GENETIC EFFECTS OF HYBRIDIZATION IN DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1994, 48, 297-316.	2.3	212
14	A beak size locus in Darwinâ€™s finches facilitated character displacement during a drought. Science, 2016, 352, 470-474.	12.6	206
15	Phenotypic and Genetic Effects of Hybridization in Darwin's Finches. Evolution; International Journal of Organic Evolution, 1994, 48, 297.	2.3	191
16	ENVIRONMENTAL CONDITIONS AFFECT THE MAGNITUDE OF INBREEDING DEPRESSION IN SURVIVAL OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2002, 56, 1229-1239.	2.3	190
17	A phylogeny of Darwin's finches based on microsatellite DNA length variation. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 321-329.	2.6	181
18	On the Origin of Darwin's Finches. Molecular Biology and Evolution, 2001, 18, 299-311.	8.9	179

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19	High Survival of Darwin's Finch Hybrids: Effects of Beak Morphology and Diets. Ecology, 1996, 77, 500-509.	3.2	176
20	CONVERGENT EVOLUTION OF DARWIN'S FINCHES CAUSED BY INTROGRESSIVE HYBRIDIZATION AND SELECTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1588-1599.	2.3	174
21	Evolution caused by extreme events. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160146.	4.0	170
22	Hybridization in the Recent Past. American Naturalist, 2005, 166, 56-67.	2.1	163
23	Darwin's Finches (Geospiza) On Isla Daphne Major, Galapagos: Breeding and Feeding Ecology in a Climatically Variable Environment. Ecological Monographs, 1984, 54, 463-489.	5.4	159
24	Cultural Inheritance of Song and Its Role in the Evolution of Darwin's Finches. Evolution; International Journal of Organic Evolution, 1996, 50, 2471.	2.3	157
25	Gene flow, ancient polymorphism, and ecological adaptation shape the genomic landscape of divergence among Darwin's finches. Genome Research, 2017, 27, 1004-1015.	5.5	152
26	Fission and fusion of Darwin's finches populations. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2821-2829.	4.0	133
27	Demography and the Genetically Effective sizes of Two Populations of Darwin's Finches. Ecology, 1992, 73, 766-784.	3.2	129
28	THE ORIGIN AND DIVERSIFICATION OF GALAPAGOS MOCKINGBIRDS. Evolution; International Journal of Organic Evolution, 2006, 60, 370-382.	2.3	128
29	Heritability of morphological traits in Darwinâ€™s Finches: misidentified paternity and maternal effects. Heredity, 2001, 87, 325-336.	2.6	127
30	Songs of Darwin's finches diverge when a new species enters the community. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20156-20163.	7.1	126
31	Possible human impacts on adaptive radiation: beak size bimodality in Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1887-1894.	2.6	122
32	The secondary contact phase of allopatric speciation in Darwin's finches. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20141-20148.	7.1	116
33	Species recognition in Darwin's finches (Geospiza, Gould). III. Male responses to playback of different song types, dialects and heterospecific songs. Animal Behaviour, 1985, 33, 290-307.	1.9	115
34	Species recognition in Darwin's finches (Geospiza, Gould) I. Discrimination by morphological cues. Animal Behaviour, 1983, 31, 1139-1153.	1.9	104
35	Effects of El Nino Events on Darwin's Finch Productivity. Ecology, 2000, 81, 2442.	3.2	102
36	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	8.7	98

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37	Ecological Consequences of an Exceptionally Strong El Nino Event on Darwin's Finches. Ecology, 1987, 68, 1735-1746.	3.2	94
38	Hybridization increases population variation during adaptive radiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23216-23224.	7.1	87
39	Demographic routes to variability and regulation in bird populations. Nature Communications, 2016, 7, 12001.	12.8	74
40	A population founded by a single pair of individuals: establishment, expansion, and evolution. Genetica, 2001, 112/113, 359-382.	1.1	70
41	INBREEDING IN DARWIN'S MEDIUM GROUND FINCHES (GEOSPIZA FORTIS). Evolution; International Journal of Organic Evolution, 1989, 43, 1273-1284.	2.3	69
42	Causes of lifetime fitness of Darwin's finches in a fluctuating environment. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 674-679.	7.1	65
43	Conspecific versus heterospecific gene exchange between populations of Darwin's finches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1065-1076.	4.0	64
44	The allopatric phase of speciation: the sharp-beaked ground finch (Geospiza difficilis) on the GalÃ¡pagos islands. Biological Journal of the Linnean Society, 2000, 69, 287-317.	1.6	63
45	Nonâ€“random fitness variation in two populations of Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 131-138.	2.6	63
46	EFFECTS OF EL NINÌƒO EVENTS ON DARWIN'S FINCH PRODUCTIVITY. Ecology, 2000, 81, 2442-2457.	3.2	62
47	Simulating secondary contact in allopatric speciation: an empirical test of premating isolation. Biological Journal of the Linnean Society, 2002, 76, 545-556.	1.6	59
48	Mating patterns of Darwin's Finch hybrids determined by song and morphology. Biological Journal of the Linnean Society, 1997, 60, 317-343.	1.6	58
49	Hybridization in human evolution: Insights from other organisms. Evolutionary Anthropology, 2019, 28, 189-209.	3.4	57
50	Population variation and hybridization: Comparison of finches from two archipelagos. Evolutionary Ecology, 1994, 8, 598-617.	1.2	56
51	Low Extrapair Paternity in the Cactus Finch (Geospiza scandens). Auk, 1999, 116, 252-256.	1.4	51
52	Species recognition in Darwin's finches (Geospiza, Gould). II. Geographic variation in mate preference. Animal Behaviour, 1983, 31, 1154-1165.	1.9	48
53	Introgressive hybridization and natural selection in Darwin's finches. Biological Journal of the Linnean Society, 2016, 117, 812-822.	1.6	45
54	THE FOUNDING OF A NEW POPULATION OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1995, 49, 229-240.	2.3	44

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55	Pedigrees, assortative mating and speciation in Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 661-668.	2.6	36
56	Ecology and Evolution of Darwin's Finches (Princeton Science Library Edition). , 2017, , .		34
57	The priming of periodical cicada life cycles. Trends in Ecology and Evolution, 2005, 20, 169-174.	8.7	33
58	INBREEDING AND INTERBREEDING IN DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2003, 57, 2911-2916.	2.3	32
59	Evolution, climate change, and extreme events. Science, 2017, 357, 451-452.	12.6	32
60	Adult Survivorship in Darwin's Ground Finch (Geospiza) Populations in a Variable Environment. Journal of Animal Ecology, 1987, 56, 797.	2.8	30
61	Adaptive radiation of Darwin's finches revisited using whole genome sequencing. BioEssays, 2016, 38, 14-20.	2.5	30
62	Role of sexual imprinting in assortative mating and premating isolation in Darwinâ€™s finches. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10879-E10887.	7.1	30
63	Adult sex ratio influences mate choice in Darwinâ€™s finches. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12373-12382.	7.1	29
64	Synergism of Natural Selection and Introgression in the Origin of a New Species. American Naturalist, 2014, 183, 671-681.	2.1	27
65	The Rarest of Darwin's Finches. La Especie Mas Rara de los Pinzones de Darwin. Conservation Biology, 1997, 11, 119-126.	4.7	26
66	Evolution of Mhc classÂII B genes in Darwin's finches and their closest relatives: birth of a new gene. Immunogenetics, 2001, 53, 792-801.	2.4	24
67	Speciation undone. Nature, 2014, 507, 178-179.	27.8	24
68	Triad hybridization via a conduit species. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7888-7896.	7.1	23
69	Female-biased gene flow between two species of Darwinâ€™s finches. Nature Ecology and Evolution, 2020, 4, 979-986.	7.8	21
70	The Founding of a New Population of Darwin's Finches. Evolution; International Journal of Organic Evolution, 1995, 49, 229.	2.3	20
71	Opportunistic predation and offspring sex ratios of cicada-killer wasps (Sphecius speciosus Drury). Ecological Entomology, 2006, 31, 539-547.	2.2	19
72	Watching speciation in action. Science, 2017, 355, 910-911.	12.6	18

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73	Rapid adaptive radiation of Darwinâ€™s finches depends on ancestral genetic modules. Science Advances, 2022, 8, .	10.3	18
74	ENVIRONMENTAL CONDITIONS AFFECT THE MAGNITUDE OF INBREEDING DEPRESSION IN SURVIVAL OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2002, 56, 1229.	2.3	16
75	Founder effects and silvereyes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7818-7820.	7.1	15
76	CONVERGENT EVOLUTION OF DARWIN'S FINCHES CAUSED BY INTROGRESSIVE HYBRIDIZATION AND SELECTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1588.	2.3	15
77	Multilocus genotypes from Charles Darwin's finches: biodiversity lost since the voyage of theBeagle. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1009-1018.	4.0	14
78	Hybrid ancestry of an island subspecies of GalÃ¡pagos mockingbird explains discordant gene trees. Molecular Phylogenetics and Evolution, 2013, 69, 581-592.	2.7	14
79	A multispecies BCO2 beak color polymorphism in the Darwinâ€™s finch radiation. Current Biology, 2021, 31, 5597-5604.e7.	3.9	14
80	Reversed sexual dimorphism in the beak of a finch. Ibis, 2003, 145, 341-343.	1.9	10
81	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	8.7	10
82	Mating patterns of Darwin's Finch hybrids determined by song and morphology. Biological Journal of the Linnean Society, 1997, 60, 317-343.	1.6	10
83	Morphological ghosts of introgression in Darwinâ€™s finch populations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
84	Darwinâ€™s finches. Current Biology, 2005, 15, R614-R615.	3.9	8
85	Sympatric Speciation, Immigration, and Hybridization in Island Birds. , 2009, , 326-357.		8
86	R.C.L. Perkins and evolutionary radiations on islands. Oikos, 2000, 89, 195-201.	2.7	6
87	Lizards, toepads, and the ghost of hurricanes past. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11194-11196.	7.1	5
88	Competition exposed by knight?. Nature, 1998, 396, 216-217.	27.8	2
89	John Tyler Bonner: Remembering a scientific pioneer. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2019, 332, 365-370.	1.3	2
90	Vocalizations of Darwin's Finch relatives. Ibis, 2000, 142, 680-682.	1.9	1

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91	William D. Hamilton, 1 August 1936 - 7 March 2000. Proceedings of the American Philosophical Society, 2002, 146, 387-94.	0.5	0