Peter R Grant

List of Publications by Year
in descending order

91 papers	11,425 citations	44444 50 h-index	56606 87 g-index
99 all docs	99 docs citations	99 times ranked	10493 citing authors

#	Article	IF	Citations
1	Rapid adaptive radiation of Darwinâ€™s finches depends on ancestral genetic modules. Science Advances, 2022, 8, .	4.7	18
2	Morphological ghosts of introgression in Darwinâ€™s finch populations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9
3	A multispecies BCO2 beak color polymorphism in the Darwinâ€™s finch radiation. Current Biology, 2021, 31, 5597-5604.e7.	1.8	14
4	Female-biased gene flow between two species of Darwinâ€™s finches. Nature Ecology and Evolution, 2020, 4, 979-986.	3.4	21
5	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.	3.3	5
6	Triad hybridization via a conduit species. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7888-7896.	3.3	23
7	Hybridization increases population variation during adaptive radiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23216-23224.	3.3	87
8	Hybridization in human evolution: Insights from other organisms. Evolutionary Anthropology, 2019, 28, 189-209.	1.7	57
9	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.	3.3	29
10	John Tyler Bonner: Remembering a scientific pioneer. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2019, 332, 365-370.	0.6	2
11	Rapid hybrid speciation in Darwinâ€™s finches. Science, 2018, 359, 224-228.	6.0	327
12	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.	3.3	30
13	Watching speciation in action. Science, 2017, 355, 910-911.	6.0	18
14	Evolution caused by extreme events. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160146.	1.8	170
15	Gene flow, ancient polymorphism, and ecological adaptation shape the genomic landscape of divergence among Darwin's finches. Genome Research, 2017, 27, 1004-1015.	2.4	152
16	Evolution, climate change, and extreme events. Science, 2017, 357, 451-452.	6.0	32
17	Ecology and Evolution of Darwin's Finches (Princeton Science Library Edition). , 2017, , .		34
18	Introgressive hybridization and natural selection in Darwin's finches. Biological Journal of the Linnean Society, 2016, 117, 812-822.	0.7	45

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19	Demographic routes to variability and regulation in bird populations. Nature Communications, 2016, 7, 12001.	5.8	74
20	A beak size locus in Darwinâ€™s finches facilitated character displacement during a drought. Science, 2016, 352, 470-474.	6.0	206
21	Adaptive radiation of Darwin's finches revisited using whole genome sequencing. BioEssays, 2016, 38, 14-20.	1.2	30
22	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	4.2	10
23	Evolution of Darwinâ€™s finches and their beaks revealed by genome sequencing. Nature, 2015, 518, 371-375.	13.7	766
24	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	4.2	98
25	Speciation undone. Nature, 2014, 507, 178-179.	13.7	24
26	Synergism of Natural Selection and Introgression in the Origin of a New Species. American Naturalist, 2014, 183, 671-681.	1.0	27
27	Hybrid ancestry of an island subspecies of GalÃ¡pagos mockingbird explains discordant gene trees. Molecular Phylogenetics and Evolution, 2013, 69, 581-592.	1.2	14
28	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.	3.3	65
29	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.	1.8	14
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.	3.3	126
31	Conspecific versus heterospecific gene exchange between populations of Darwin's finches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1065-1076.	1.8	64
32	Sympatric Speciation, Immigration, and Hybridization in Island Birds. , 2009, , 326-357.		8
33	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.	3.3	116
34	Fission and fusion of Darwin's finches populations. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2821-2829.	1.8	133
35	Pedigrees, assortative mating and speciation in Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 661-668.	1.2	36
36	Evolution of Character Displacement in Darwin's Finches. Science, 2006, 313, 224-226.	6.0	763

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37	THE ORIGIN AND DIVERSIFICATION OF GALAPAGOS MOCKINGBIRDS. Evolution; International Journal of Organic Evolution, 2006, 60, 370-382.	1.1	128
38	The calmodulin pathway and evolution of elongated beak morphology in Darwin's finches. Nature, 2006, 442, 563-567.	13.7	564
39	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.	1.2	122
40	Opportunistic predation and offspring sex ratios of cicada-killer wasps (Sphecius speciosus Drury). Ecological Entomology, 2006, 31, 539-547.	1.1	19
41	Darwinâ€™s finches. Current Biology, 2005, 15, R614-R615.	1.8	8
42	The priming of periodical cicada life cycles. Trends in Ecology and Evolution, 2005, 20, 169-174.	4.2	33
43	Hybridization in the Recent Past. American Naturalist, 2005, 166, 56-67.	1.0	163
44	CONVERGENT EVOLUTION OF DARWIN'S FINCHES CAUSED BY INTROGRESSIVE HYBRIDIZATION AND SELECTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1588.	1.1	15
45	Bmp4 and Morphological Variation of Beaks in Darwin's Finches. Science, 2004, 305, 1462-1465.	6.0	706
46	CONVERGENT EVOLUTION OF DARWIN'S FINCHES CAUSED BY INTROGRESSIVE HYBRIDIZATION AND SELECTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1588-1599.	1.1	174
47	Reversed sexual dimorphism in the beak of a finch. Ibis, 2003, 145, 341-343.	1.0	10
48	INBREEDING AND INTERBREEDING IN DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2003, 57, 2911-2916.	1.1	32
49	Founder effects and silvereyes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7818-7820.	3.3	15
50	ENVIRONMENTAL CONDITIONS AFFECT THE MAGNITUDE OF INBREEDING DEPRESSION IN SURVIVAL OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2002, 56, 1229.	1.1	16
51	Unpredictable Evolution in a 30-Year Study of Darwin's Finches. Science, 2002, 296, 707-711.	6.0	1,068
52	Simulating secondary contact in allopatric speciation: an empirical test of premating isolation. Biological Journal of the Linnean Society, 2002, 76, 545-556.	0.7	59
53	ENVIRONMENTAL CONDITIONS AFFECT THE MAGNITUDE OF INBREEDING DEPRESSION IN SURVIVAL OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2002, 56, 1229-1239.	1.1	190
54	William D. Hamilton, 1 August 1936 - 7 March 2000. Proceedings of the American Philosophical Society, 2002, 146, 387-94.	0.5	0

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55	On the Origin of Darwin's Finches. Molecular Biology and Evolution, 2001, 18, 299-311.	3.5	179
56	Evolution of Mhc classÂII B genes in Darwin's finches and their closest relatives: birth of a new gene. Immunogenetics, 2001, 53, 792-801.	1.2	24
57	Heritability of morphological traits in Darwinâ€™s Finches: misidentified paternity and maternal effects. Heredity, 2001, 87, 325-336.	1.2	127
58	A population founded by a single pair of individuals: establishment, expansion, and evolution. Genetica, 2001, 112/113, 359-382.	0.5	70
59	R.C.L. Perkins and evolutionary radiations on islands. Oikos, 2000, 89, 195-201.	1.2	6
60	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.	0.7	63
61	EFFECTS OF EL NINÌƒO EVENTS ON DARWIN'S FINCH PRODUCTIVITY. Ecology, 2000, 81, 2442-2457.	1.5	62
62	Nonâ€“random fitness variation in two populations of Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 131-138.	1.2	63
63	Effects of El Nino Events on Darwin's Finch Productivity. Ecology, 2000, 81, 2442.	1.5	102
64	Vocalizations of Darwin's Finch relatives. Ibis, 2000, 142, 680-682.	1.0	1
65	Low Extrapair Paternity in the Cactus Finch (Geospiza scandens). Auk, 1999, 116, 252-256.	0.7	51
66	A phylogeny of Darwin's finches based on microsatellite DNA length variation. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 321-329.	1.2	181
67	Competition exposed by knight?. Nature, 1998, 396, 216-217.	13.7	2
68	Hybridization, Sexual Imprinting, and Mate Choice. American Naturalist, 1997, 149, 1-28.	1.0	246
69	Mating patterns of Darwin's Finch hybrids determined by song and morphology. Biological Journal of the Linnean Society, 1997, 60, 317-343.	0.7	58
70	The Rarest of Darwin's Finches. La Especie Mas Rara de los Pinzones de Darwin. Conservation Biology, 1997, 11, 119-126.	2.4	26
71	Cultural Inheritance of Song and Its Role in the Evolution of Darwin's Finches. Evolution; International Journal of Organic Evolution, 1996, 50, 2471.	1.1	157
72	High Survival of Darwin's Finch Hybrids: Effects of Beak Morphology and Diets. Ecology, 1996, 77, 500-509.	1.5	176

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73	CULTURAL INHERITANCE OF SONG AND ITS ROLE IN THE EVOLUTION OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1996, 50, 2471-2487.	1.1	337
74	The Founding of a New Population of Darwin's Finches. Evolution; International Journal of Organic Evolution, 1995, 49, 229.	1.1	20
75	THE FOUNDING OF A NEW POPULATION OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1995, 49, 229-240.	1.1	44
76	PREDICTING MICROEVOLUTIONARY RESPONSES TO DIRECTIONAL SELECTION ON HERITABLE VARIATION. Evolution; International Journal of Organic Evolution, 1995, 49, 241-251.	1.1	247
77	Population variation and hybridization: Comparison of finches from two archipelagos. Evolutionary Ecology, 1994, 8, 598-617.	0.5	56
78	Phenotypic and Genetic Effects of Hybridization in Darwin's Finches. Evolution; International Journal of Organic Evolution, 1994, 48, 297.	1.1	191
79	PHENOTYPIC AND GENETIC EFFECTS OF HYBRIDIZATION IN DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 1994, 48, 297-316.	1.1	212
80	Demography and the Genetically Effective sizes of Two Populations of Darwin's Finches. Ecology, 1992, 73, 766-784.	1.5	129
81	INBREEDING IN DARWIN'S MEDIUM GROUND FINCHES (GEOSPIZA FORTIS). Evolution; International Journal of Organic Evolution, 1989, 43, 1273-1284.	1.1	69
82	Ecological Consequences of an Exceptionally Strong El Nino Event on Darwin's Finches. Ecology, 1987, 68, 1735-1746.	1.5	94
83	Adult Survivorship in Darwin's Ground Finch (Geospiza) Populations in a Variable Environment. Journal of Animal Ecology, 1987, 56, 797.	1.3	30
84	Oscillating selection on Darwin's finches. Nature, 1987, 327, 511-513.	13.7	282
85	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.	0.8	115
86	Determinants of Morphological Patterns in Communities of Darwin's Finches. American Naturalist, 1984, 123, 175-196.	1.0	253
87	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
88	Recurrent patterns of natural selection in a population of Darwin's finches. Nature, 1984, 309, 787-789.	13.7	214
89	Species recognition in Darwin's finches (Geospiza, Gould) I. Discrimination by morphological cues. Animal Behaviour, 1983, 31, 1139-1153.	0.8	104
90	Species recognition in Darwin's finches (Geospiza, Gould). II. Geographic variation in mate preference. Animal Behaviour, 1983, 31, 1154-1165.	0.8	48

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91	Mating patterns of Darwin's Finch hybrids determined by song and morphology. , 0, .		10