

Philip Hedrick

List of Publications by Year in descending order

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175
papers

16,985
citations

22099

59
h-index

16127

124
g-index

178
all docs

178
docs citations

178
times ranked

14550
citing authors

#	ARTICLE	IF	CITATIONS
1	A STANDARDIZED GENETIC DIFFERENTIATION MEASURE. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1633-1638.	1.1	1,471
2	Assessing population structure: <i>F_{ST}</i> and related measures. <i>Molecular Ecology Resources</i> , 2011, 11, 5-18.	2.2	967
3	Gametic Disequilibrium Measures: Proceed With Caution. <i>Genetics</i> , 1987, 117, 331-341.	1.2	797
4	Inbreeding Depression in Conservation Biology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2000, 31, 139-162.	6.7	755
5	PERSPECTIVE: HIGHLY VARIABLE LOCI AND THEIR INTERPRETATION IN EVOLUTION AND CONSERVATION. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 313-318.	1.1	705
6	Adaptive introgression in animals: examples and comparison to new mutation and standing variation as sources of adaptive variation. <i>Molecular Ecology</i> , 2013, 22, 4606-4618.	2.0	562
7	A standardized genetic differentiation measure. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1633-8.	1.1	441
8	Perspective: Highly Variable Loci and Their Interpretation in Evolution and Conservation. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 313.	1.1	437
9	Conservation genetics: where are we now?. <i>Trends in Ecology and Evolution</i> , 2001, 16, 629-636.	4.2	404
10	PERSPECTIVE: DETECTING ADAPTIVE MOLECULAR POLYMORPHISM: LESSONS FROM THE MHC. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1707-1722.	1.1	404
11	Understanding Inbreeding Depression, Purging, and Genetic Rescue. <i>Trends in Ecology and Evolution</i> , 2016, 31, 940-952.	4.2	400
12	Purging inbreeding depression and the probability of extinction: full-sib mating. <i>Heredity</i> , 1994, 73, 363-372.	1.2	375
13	Evolution and ecology of MHC molecules: from genomics to sexual selection. <i>Trends in Ecology and Evolution</i> , 1998, 13, 305-311.	4.2	358
14	Genetic Polymorphism in Heterogeneous Environments: The Age of Genomics. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 67-93.	3.8	350
15	PATHOGEN RESISTANCE AND GENETIC VARIATION AT MHC LOCI. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1902-1908.	1.1	315
16	Conservation Genetics: Techniques and Fundamentals. , 1992, 2, 30-46.		293
17	EVIDENCE FOR BALANCING SELECTION AT HLA. <i>Genetics</i> , 1983, 104, 449-456.	1.2	266
18	Evolutionary Genetics of the Major Histocompatibility Complex. <i>American Naturalist</i> , 1994, 143, 945-964.	1.0	239

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19	Genetic rescue guidelines with examples from Mexican wolves and Florida panthers. <i>Conservation Genetics</i> , 2010, 11, 615-626.	0.8	238
20	Population genetics of malaria resistance in humans. <i>Heredity</i> , 2011, 107, 283-304.	1.2	223
21	Admixture dynamics in Hispanics: A shift in the nuclear genetic ancestry of a South American population isolate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7234-7239.	3.3	221
22	Gene Flow and Genetic Restoration: The Florida Panther as a Case Study. <i>Conservation Biology</i> , 1995, 9, 996-1007.	2.4	198
23	The crucial role of genome-wide genetic variation in conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	196
24	What is the evidence for heterozygote advantage selection?. <i>Trends in Ecology and Evolution</i> , 2012, 27, 698-704.	4.2	173
25	Resistance to three pathogens in the endangered winter-run chinook salmon (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T of Fisheries and Aquatic Sciences, 2002, 59, 966-975.	0.7	164
26	Balancing selection and MHC. <i>Genetica</i> , 1998, 104, 207-214.	0.5	157
27	Post-2020 goals overlook genetic diversity. <i>Science</i> , 2020, 367, 1083-1085.	6.0	132
28	Directions in Conservation Biology: Comments on Caughley. <i>Conservation Biology</i> , 1996, 10, 1312-1320.	2.4	130
29	SEX: DIFFERENCES IN MUTATION, RECOMBINATION, SELECTION, GENE FLOW, AND GENETIC DRIFT. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2750-2771.	1.1	130
30	A Conservation Plan for Native Fishes of the Lower Colorado River. <i>BioScience</i> , 2003, 53, 219.	2.2	124
31	Antagonistic pleiotropy and genetic polymorphism: a perspective. <i>Heredity</i> , 1999, 82, 126-133.	1.2	121
32	A NEW APPROACH TO MEASURING GENETIC SIMILARITY. <i>Evolution; International Journal of Organic Evolution</i> , 1971, 25, 276-280.	1.1	117
33	Major histocompatibility complex variation in red wolves: evidence for common ancestry with coyotes and balancing selection. <i>Molecular Ecology</i> , 2002, 11, 1905-1913.	2.0	116
34	Genetic Variation of Major Histocompatibility Complex and Microsatellite Loci: A Comparison in Bighorn Sheep. <i>Genetics</i> , 1997, 145, 421-433.	1.2	113
35	Genomic sweep and potential genetic rescue during limiting environmental conditions in an isolated wolf population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3336-3344.	1.2	108
36	Genetic evaluation of the three captive mexican wolf lineages. <i>Zoo Biology</i> , 1997, 16, 47-69.	0.5	103

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37	Parasite resistance and genetic variation in the endangered Gila topminnow. <i>Animal Conservation</i> , 2001, 4, 103-109.	1.5	103
38	Heterozygosity at individual amino acid sites: extremely high levels for HLA-A and -B genes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 5897-5901.	3.3	98
39	Genetic rescue in Isle Royale wolves: genetic analysis and the collapse of the population. <i>Conservation Genetics</i> , 2014, 15, 1111-1121.	0.8	98
40	Inbreeding Depression in the Speke's Gazelle Captive Breeding Program. <i>Conservation Biology</i> , 2000, 14, 1375-1384.	2.4	94
41	Is the decline of desert bighorn sheep from infectious disease the result of low MHC variation?. <i>Heredity</i> , 2001, 86, 439-450.	1.2	93
42	A STANDARDIZED GENETIC DIFFERENTIATION MEASURE. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1633.	1.1	92
43	Genetic rescue and inbreeding depression in Mexican wolves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2365-2371.	1.2	92
44	Major histocompatibility complex (MHC) variation in the endangered Mexican wolf and related canids. <i>Heredity</i> , 2000, 85, 617-624.	1.2	89
45	Captive breeding and the reintroduction of Mexican and red wolves. <i>Molecular Ecology</i> , 2008, 17, 344-350.	2.0	88
46	Conservation Genetics and North American Bison (<i>Bison bison</i>). <i>Journal of Heredity</i> , 2009, 100, 411-420.	1.0	88
47	Using microsatellite and MHC variation to identify species, ESUs, and MUs in the endangered Sonoran topminnow. <i>Molecular Ecology</i> , 2001, 10, 1399-1412.	2.0	87
48	No Inbreeding Depression Observed in Mexican and Red Wolf Captive Breeding Programs. <i>Conservation Biology</i> , 1999, 13, 1371-1377.	2.4	85
49	Mutation and linkage disequilibrium in human mtDNA. <i>European Journal of Human Genetics</i> , 2001, 9, 969-972.	1.4	80
50	EVALUATION OF d ₂ , A MICROSATELLITE MEASURE OF INBREEDING AND OUTBREEDING, IN WOLVES WITH A KNOWN PEDIGREE. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1256-1260.	1.1	77
51	Founder effect in an island population of bighorn sheep. <i>Molecular Ecology</i> , 2001, 10, 851-857.	2.0	75
52	MAJOR HISTOCOMPATIBILITY COMPLEX VARIATION IN THE ARABIAN ORYX. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 2145-2151.	1.1	73
53	Strong balancing selection at HLA loci: Evidence from segregation in South Amerindian families. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12452-12456.	3.3	71
54	Recent developments in conservation genetics. <i>Forest Ecology and Management</i> , 2004, 197, 3-19.	1.4	71

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55	The impact of supplementation in winter-run chinook salmon on effective population size. , 2000, 91, 112-116.		70
56	Dynamics of Hybridization and Introgression in Red Wolves and Coyotes. Conservation Biology, 2006, 20, 1272-1283.	2.4	70
57	GENETIC VARIATION IN A HETEROGENEOUS ENVIRONMENT. II. TEMPORAL HETEROGENEITY AND DIRECTIONAL SELECTION. Genetics, 1976, 84, 145-157.	1.2	69
58	Effective Population Size in Winter-Run Chinook Salmon. Conservation Biology, 1995, 9, 615-624.	2.4	68
59	Fitness in the Endangered Gila Topminnow. Adaptabilidad del Poecilido de Gila en Peligro. Conservation Biology, 1997, 11, 162-171.	2.4	63
60	Molecular Variation and Evolutionarily Significant Units in the Endangered Gila Topminnow. Conservation Biology, 1999, 13, 108-116.	2.4	62
61	Genetic polymorphism in a temporally varying environment: effects of delayed germination or diapause. Heredity, 1995, 75, 164-170.	1.2	61
62	A TWO-LOCUS NEUTRALITY TEST: APPLICATIONS TO HUMANS, <i>E. COLI</i> AND LODGEPOLE PINE. Genetics, 1986, 112, 135-156.	1.2	60
63	MHC VARIATION IN THE ENDANGERED GILA TOPMINNOW. Evolution; International Journal of Organic Evolution, 1998, 52, 194-199.	1.1	59
64	Class I MHC polymorphism and evolution in endangered California Chinook and other Pacific salmon. Immunogenetics, 2001, 53, 483-489.	1.2	57
65	Female choice and variation in the major histocompatibility complex.. Genetics, 1992, 132, 575-581.	1.2	57
66	Large variance in reproductive success and the Ne/N ratio. Evolution; International Journal of Organic Evolution, 2005, 59, 1596-9.	1.1	57
67	Genetic variation and population structure in desert bighorn sheep: implications for conservation. Conservation Genetics, 2000, 1, 3-15.	0.8	56
68	Examining the cause of high inbreeding depression: analysis of whole-genome sequence data in 28 selfed progeny of <i>Eucalyptus grandis</i> . New Phytologist, 2016, 209, 600-611.	3.5	56
69	Genetics and extinction and the example of Isle Royale wolves. Animal Conservation, 2019, 22, 302-309.	1.5	56
70	Balancing selection. Current Biology, 2007, 17, R230-R231.	1.8	54
71	Major Histocompatibility Complex Variation in the Endangered Przewalski's Horse. Genetics, 1999, 152, 1701-1710.	1.2	54
72	Inbreeding and fitness in captive populations: Lessons from <i>Drosophila</i> . Zoo Biology, 1993, 12, 333-351.	0.5	52

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73	New reservoirs of HLA alleles: pools of rare variants enhance immune defense. <i>Trends in Genetics</i> , 2012, 28, 480-486.	2.9	52
74	HLA polymorphism in the Havasupai: evidence for balancing selection. <i>American Journal of Human Genetics</i> , 1993, 53, 943-52.	2.6	52
75	Linkage of viability genes to marker loci in selfing organisms. <i>Heredity</i> , 1990, 64, 67-72.	1.2	51
76	Major Histocompatibility Complex Differentiation in Sacramento River Chinook Salmon. <i>Genetics</i> , 1999, 151, 1115-1122.	1.2	50
77	PARTIAL INBREEDING: EQUILIBRIUM HETEROZYGOSITY AND THE HETEROZYGOSITY PARADOX. <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 856-861.	1.1	46
78	MHC Polymorphism and the Design of Captive Breeding Programs: Simple Solutions Are Not the Answer. <i>Conservation Biology</i> , 1991, 5, 556-558.	2.4	45
79	Purging of inbreeding depression and fitness decline in bottlenecked populations of <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2001, 14, 595-601.	0.8	45
80	Negative-assortative mating for color in wolves. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 757-766.	1.1	45
81	Isolation by distance among California sea lion populations in Mexico: redefining management stocks. <i>Molecular Ecology</i> , 2009, 18, 1088-1099.	2.0	43
82	Sex Determination: Genetic Models for Oysters. <i>Journal of Heredity</i> , 2010, 101, 602-611.	1.0	43
83	Genotypic-specific habitat selection: a new model and its application. <i>Heredity</i> , 1990, 65, 145-149.	1.2	42
84	Resistance to malaria in humans: the impact of strong, recent selection. <i>Malaria Journal</i> , 2012, 11, 349.	0.8	42
85	Bottleneck(s) or Metapopulation in Cheetahs. <i>Conservation Biology</i> , 1996, 10, 897-899.	2.4	40
86	Factors influencing the extent of inbreeding depression: an example from Scots pine. <i>Heredity</i> , 1999, 82, 441-450.	1.2	40
87	Rapid communication / Communication rapide Invasion of transgenes from salmon or other genetically modified organisms into natural populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001, 58, 841-844.	0.7	38
88	PERSPECTIVE: DETECTING ADAPTIVE MOLECULAR POLYMORPHISM: LESSONS FROM THE MHC. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1707.	1.1	38
89	“Ground truth” for selection on CCR5-Δ32. <i>Trends in Genetics</i> , 2006, 22, 293-296.	2.9	37
90	Conservation genetics in aquatic species: General approaches and case studies in fishes and springsnails of arid lands. <i>Aquatic Sciences</i> , 2004, 66, 402-413.	0.6	36

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91	Measuring Relatedness between Inbred Individuals. <i>Journal of Heredity</i> , 2015, 106, 20-25.	1.0	36
92	The major histocompatibility complex (MHC) in declining populations: an example of adaptive variation. , 2002, , 97-113.		35
93	Genetic sex determination and extinction. <i>Trends in Ecology and Evolution</i> , 2006, 21, 55-57.	4.2	35
94	An improved method for estimating inbreeding depression in pedigrees. <i>Zoo Biology</i> , 1998, 17, 481-497.	0.5	34
95	Elephant Seals and the Estimation of a Population Bottleneck. <i>Journal of Heredity</i> , 1995, 86, 232-235.	1.0	33
96	Detecting inbreeding depression is difficult in captive endangered species. <i>Animal Conservation</i> , 1999, 2, 131-136.	1.5	33
97	PATHOGEN RESISTANCE AND GENETIC VARIATION AT MHC LOCI. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1902.	1.1	32
98	Reevaluating and Broadening the Definition of Genetic Rescue. <i>Conservation Biology</i> , 2011, 25, 1069-1070.	2.4	32
99	MAINTENANCE OF GENETIC VARIATION WITH A FREQUENCY-DEPENDENT SELECTION MODEL AS COMPARED TO THE OVERDOMINANT MODEL. <i>Genetics</i> , 1972, 72, 771-775.	1.2	32
100	LETHALS IN FINITE POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 654-657.	1.1	31
101	Canine Parvovirus Enteritis, Canine Distemper, and Major Histocompatibility Complex Genetic Variation in Mexican Wolves. <i>Journal of Wildlife Diseases</i> , 2003, 39, 909-913.	0.3	31
102	Heterozygote Advantage: The Effect of Artificial Selection in Livestock and Pets. <i>Journal of Heredity</i> , 2015, 106, 141-154.	1.0	31
103			

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109	Rapid communication / Communication rapide<P> Invasion of transgenes from salmon or other genetically modified organisms into natural populations. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 841-844.	0.7	25
110	Evolutionary genetics and HLA: another classic example. Biological Journal of the Linnean Society, 1987, 31, 311-331.	0.7	22
111	How should we compare different genomic estimates of the strength of inbreeding depression?. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2492-E2493.	3.3	22
112	MHC Variation in the Endangered Gila Topminnow. Evolution; International Journal of Organic Evolution, 1998, 52, 194.	1.1	21
113	Rapid Decrease in Horn Size of Bighorn Sheep: Environmental Decline, Inbreeding Depression, or Evolutionary Response to Trophy Hunting?. Journal of Heredity, 2011, 102, 770-781.	1.0	21
114	Conservation genetics and the persistence and translocation of small populations: bighorn sheep populations as examples. Animal Conservation, 2014, 17, 106-114.	1.5	21
115	Negative-Assortative Mating in the White-Throated Sparrow. Journal of Heredity, 2018, 109, 223-231.	1.0	21
116	Rare alleles, MHC and captive breeding. , 1994, 68, 187-204.		19
117	Inbreeding depression in captive bighorn sheep. Animal Conservation, 2001, 4, 319-324.	1.5	18
118	Wolf of a different colour. Heredity, 2009, 103, 435-436.	1.2	18
119	Cattle ancestry in bison: explanations for higher mtDNA than autosomal ancestry. Molecular Ecology, 2010, 19, 3328-3335.	2.0	18
120	POPULATION GENETICS OF THE WHITE-PHASED "SPIRIT" BLACK BEAR OF BRITISH COLUMBIA. Evolution; International Journal of Organic Evolution, 2012, 66, 305-313.	1.1	18
121	Estimation of Male Gene Flow from Measures of Nuclear and Female Genetic Differentiation. Journal of Heredity, 2013, 104, 713-717.	1.0	18
122	Genomic Variation of Inbreeding and Ancestry in the Remaining Two Isle Royale Wolves. Journal of Heredity, 2017, 108, esw083.	1.0	18
123	Authors'™ Reply to Letter to the Editor: Continued improvement to genetic diversity indicator for CBD. Conservation Genetics, 2021, 22, 533-536.	0.8	18
124	Genetic variation and resistance to a bacterial infection in the endangered Gila topminnow. Animal Conservation, 2003, 6, 369-377.	1.5	17
125	Virgin birth, genetic variation and inbreeding. Biology Letters, 2007, 3, 715-716.	1.0	17
126	Partial Inbreeding: Equilibrium Heterozygosity and the Heterozygosity Paradox. Evolution; International Journal of Organic Evolution, 1986, 40, 856.	1.1	16

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127	Sex-Dependent Habitat Selection and Genetic Polymorphism. <i>American Naturalist</i> , 1993, 141, 491-500.	1.0	16
128	Genetic Population Substructure in Bison at Yellowstone National Park. <i>Journal of Heredity</i> , 2012, 103, 360-370.	1.0	15
129	Conservation genetics and evolution in an endangered species: research in Sonoran topminnows*. <i>Evolutionary Applications</i> , 2012, 5, 806-819.	1.5	14
130	Heterozygote Advantage in a Finite Population: Black Color in Wolves. <i>Journal of Heredity</i> , 2014, 105, 457-465.	1.0	14
131	Response to Comment on "Parasite Selection for Immunogenetic Optimality". <i>Science</i> , 2004, 303, 957b-957.	6.0	13
132	Comment on "Parasite Selection for Immunogenetic Optimality". <i>Science</i> , 2004, 303, 957a-957.	6.0	13
133	Random Mating and Selection in Families Against Homozygotes for HLA in South Amerindians. <i>Hereditas</i> , 2004, 127, 51-58.	0.5	13
134	Premating, Not Postmating, Barriers Drive Genetic Dynamics in Experimental Hybrid Populations of the Endangered Sonoran Topminnow. <i>Genetics</i> , 2005, 171, 655-662.	1.2	13
135	Not surprisingly, no inheritance of a trait results in no evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4810.	3.3	13
136	Sex in diploids. <i>Nature</i> , 1989, 342, 231-231.	13.7	12
137	Neutrality or selection?. <i>Nature</i> , 1997, 387, 138-138.	13.7	12
138	Mexican Wolves Are a Valid Subspecies and an Appropriate Conservation Target. <i>Journal of Heredity</i> , 2015, 106, 415-416.	1.0	12
139	Assortative Mating and Linkage Disequilibrium. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 55-62.	0.8	12
140	Hopi Indians, ?cultural? selection, and albinism. <i>American Journal of Physical Anthropology</i> , 2003, 121, 151-156.	2.1	11
141	The endangered Sonoran topminnow: Examination of species and ESUs using three mtDNA genes. <i>Conservation Genetics</i> , 2006, 7, 483-492.	0.8	11
142	Genetic evaluation of the initiation of a captive population: the general approach and a case study in the endangered pallid sturgeon (<i>Scaphirhynchus albus</i>). <i>Conservation Genetics</i> , 2012, 13, 1381-1391.	0.8	11
143	Gametic disequilibrium and multilocus estimation of selfing rates. <i>Heredity</i> , 1990, 65, 343-347.	1.2	9
144	INITIAL STAGES OF REPRODUCTIVE ISOLATION IN TWO SPECIES OF THE ENDANGERED SONORAN TOPMINNOW. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2835-2841.	1.1	9

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145	Selection and Mutation for $\hat{\pm}$ Thalassemia in Nonmalarial and Malarial Environments. <i>Annals of Human Genetics</i> , 2011, 75, 468-474.	0.3	9
146	ROLE OF LINKAGE IN GENE FREQUENCY CHANGE OF COAT COLOR ALLELES IN MICE. <i>Genetics</i> , 1968, 58, 297-303.	1.2	9
147	Genetics and the environment in interspecific competition: a study using the sibling species <i>Drosophila melanogaster</i> and <i>Drosophila simulans</i> . <i>Oecologia</i> , 1996, 108, 72-78.	0.9	8
148	FACTORS RESPONSIBLE FOR A CHANGE IN INTERSPECIFIC COMPETITIVE ABILITY IN <i>DROSOPHILA</i> . Evolution; <i>International Journal of Organic Evolution</i> , 1972, 26, 513-522.	1.1	7
149	No bilateral asymmetry in wild-caught, endangered <i>Poeciliopsis o. occidentalis</i> (Gila topminnows). <i>Heredity</i> , 1998, 80, 214-217.	1.2	7
150	The influence of captive breeding management on founder representation and inbreeding in the <i>Alala</i> , the Hawaiian crow. <i>Conservation Genetics</i> , 2016, 17, 369-378.	0.8	7
151	An improved method for estimating inbreeding depression in pedigrees. , 1998, 17, 481.		6
152	Desert Bighorn Sheep: Changes in Genetic Variation Over Time and the Impact of Merging Populations. <i>Journal of Fish and Wildlife Management</i> , 2014, 5, 3-13.	0.4	6
153	Planned cull endangers Swedish wolf population. <i>Science</i> , 2022, 377, 162-162.	6.0	5
154	Can segregation distortion influence gametic disequilibrium?. <i>Genetical Research</i> , 1988, 52, 237-242.	0.3	4
155	Effect of adult experience on oviposition choice and short-distance attraction in <i>Drosophila buzzatii</i> . <i>Journal of Insect Behavior</i> , 1990, 3, 689-697.	0.4	4
156	Estimation of self-fertilization rate and allelic frequencies in diploidized tetraploids. <i>Heredity</i> , 1991, 67, 259-264.	1.2	4
157	Genetic Evaluation of Captive Populations of Endangered Species and Merging of Populations: Gila Topminnows as an Example. <i>Journal of Heredity</i> , 2012, 103, 651-660.	1.0	4
158	Galapagos Islands Endemic Vertebrates: A Population Genetics Perspective. <i>Journal of Heredity</i> , 2019, 110, 137-157.	1.0	4
159	Testing for inbreeding and outbreeding depression in the endangered Gila topminnow. , 1999, 2, 121.		4
160	Recombination and directional selection (reply). <i>Nature</i> , 1983, 302, 727-727.	18.7	3
161	Evolution of the human MHC: New haplotype frequency analysis is not informative. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23386-23387.	3.3	3
162	Detecting inbreeding depression is difficult in captive endangered species. , 1999, 2, 131.		3

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163	Estimation of Male Gene Flow: Use Caution. <i>Journal of Heredity</i> , 2015, 106, esv082.	1.0	2
164	Genetics and recovery goals for Mexican wolves. <i>Biological Conservation</i> , 2017, 206, 210-211.	1.9	2
165	Passenger pigeon genomic diversity and extinction. <i>Heredity</i> , 2018, 120, 383-385.	1.2	2
166	Genetic rescue, not genetic swamping, is important for Mexican wolves. <i>Biological Conservation</i> , 2018, 224, 366-367.	1.9	2
167	Conservation biology: the impact of population biology and a current perspective. , 2004, , 347-365.		1
168	Coat colour in mouse populations selected for weight gain: support for hitchhiking, not pleiotropy. <i>Genetical Research</i> , 2013, 95, 4-13.	0.3	1
169	Ancestry dynamics in a South American population: The impact of gene flow and preferential mating. <i>American Journal of Physical Anthropology</i> , 2017, 163, 474-479.	2.1	1
170	Heterozygosity levels and estimation of self-fertilization in an invasive species. <i>Ecology and Evolution</i> , 2020, 10, 14451-14452.	0.8	1
171	Comment on "Individual heterozygosity predicts translocation success in threatened desert tortoises". <i>Science</i> , 2021, 372, .	6.0	1
172	INITIAL STAGES OF REPRODUCTIVE ISOLATION IN TWO SPECIES OF THE ENDANGERED SONORAN TOPMINNOW. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2835.	1.1	0
173	Analysis of negative and multiple HLA antigen disease associations. <i>Tissue Antigens</i> , 1985, 26, 293-306.	1.0	0
174	Fertility, Health, and Consanguineous Marriages. <i>Science</i> , 1991, 254, 1434-1434.	6.0	0
175	Parthenogenesis in California Condors: Impact on Genetic Variation. <i>Journal of Heredity</i> , 2022, 113, 215-216.	1.0	0