Fred W Allendorf

List of Publications by Year
in descending order

47	8,305	134610 34	242451 47
papers	citations	h-index	g-index

48	48	48	9264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wholeâ€genome resequencing confirms reproductive isolation between sympatric demes of brown trout (Salmo trutta) detected with allozymes. Molecular Ecology, 2022, 31, 498-511.	2.0	10
2	Authorsâ€™ Reply to Letter to the Editor: Continued improvement to genetic diversity indicator for CBD. Conservation Genetics, 2021, 22, 533-536.	0.8	18
3	Post-2020 goals overlook genetic diversity. Science, 2020, 367, 1083-1085.	6.0	132
4	Zen and deep evolution: The optical delusion of separation. Evolutionary Applications, 2018, 11, 1212-1218.	1.5	2
5	Cryptic inbreeding depression in a growing population of a longâ€lived species. Molecular Ecology, 2017, 26, 799-813.	2.0	30
6	Unbroken: RADseq remains a powerful tool for understanding the genetics of adaptation in natural populations. Molecular Ecology Resources, 2017, 17, 362-365.	2.2	156
7	Genetics and the conservation of natural populations: allozymes to genomes. Molecular Ecology, 2017, 26, 420-430.	2.0	260
8	Vive la rÃ©sistance: genome-wide selection against introduced alleles in invasive hybrid zones. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161380.	1.2	40
9	Genomics advances the study of inbreeding depression in the wild. Evolutionary Applications, 2016, 9, 1205-1218.	1.5	200
10	Response to May and Delany: We Never Said Wright was Wrong. Journal of Heredity, 2015, 106, esv072.	1.0	0
11	Linkage Mapping Reveals Strong Chiasma Interference in Sockeye Salmon: Implications for Interpreting Genomic Data. G3: Genes, Genomes, Genetics, 2015, 5, 2463-2473.	0.8	19
12	Effects of Crossovers Between Homeologs on Inheritance and Population Genomics in Polyploid-Derived Salmonid Fishes. Journal of Heredity, 2015, 106, 217-227.	1.0	97
13	Valid estimates of individual inbreeding coefficients from marker-based pedigrees are not feasible in wild populations with low allelic diversity. Conservation Genetics, 2015, 16, 901-913.	0.8	25
14	So long to genetic diversity, and thanks for all the fish. Molecular Ecology, 2014, 23, 23-25.	2.0	45
15	Samples from subdivided populations yield biased estimates of effective size that overestimate the rate of loss of genetic variation. Molecular Ecology Resources, 2014, 14, 87-99.	2.2	46
16	Genetic engineering in conservation. Nature, 2013, 502, 303-303.	13.7	6
17	Genomic patterns of introgression in rainbow and westslope cutthroat trout illuminated by overlapping pairedâ€end RAD sequencing. Molecular Ecology, 2013, 22, 3002-3013.	2.0	162
18	Harnessing genomics for delineating conservation units. Trends in Ecology and Evolution, 2012, 27, 489-496.	4.2	767

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19	Estimation of census and effective population sizes: the increasing usefulness of DNA-based approaches. Conservation Genetics, 2010, 11, 355-373.	0.8	444
20	Recent local adaptation of sockeye salmon to glacial spawning habitats. Evolutionary Ecology, 2010, 24, 391-411.	0.5	23
21	Demographic effects of temperatureâ€dependent sex determination: will tuatara survive global warming?. Global Change Biology, 2010, 16, 60-72.	4.2	69
22	Hybridization rapidly reduces fitness of a native trout in the wild. Biology Letters, 2009, 5, 328-331.	1.0	254
23	Genetic effects of harvest on wild animal populations. Trends in Ecology and Evolution, 2008, 23, 327-337.	4.2	495
24	Identification of management units using population genetic data. Trends in Ecology and Evolution, 2007, 22, 11-16.	4.2	800
25	The problems with hybrids: setting conservation guidelines. Trends in Ecology and Evolution, 2001, 16, 613-622.	4.2	1,454
26	Secondary Tetrasomic Segregation of MDH-B and Preferential Pairing of Homeologues in Rainbow Trout. Genetics, 1997, 145, 1083-1092.	1.2	150
27	Adaptive significance of developmental rate in rainbow trout: an experimental test. Biological Journal of the Linnean Society, 1988, 33, 205-216.	0.7	4
28	Heterozygosity and components of fitness in a strain of rainbow trout. Biological Journal of the Linnean Society, 1988, 33, 285-304.	0.7	73
29	DIFFERENCES IN INBREEDING COEFFICIENTS DO NOT EXPLAIN THE ASSOCIATION BETWEEN HETEROZYGOSITY AT ALLOZYME LOCI AND DEVELOPMENTAL STABILITY IN RAINBOW TROUT. Evolution; International Journal of Organic Evolution, 1987, 41, 1413-1415.	1.1	31
30	Genetic Divergence and Identification of Seven Cutthroat Trout Subspecies and Rainbow Trout. Transactions of the American Fisheries Society, 1987, 116, 580-587.	0.6	66
31	Gene-centromere mapping of 25 loci in rainbow trout. Journal of Heredity, 1986, 77, 307-312.	1.0	96
32	HETEROZYGOSITY AND DEVELOPMENTAL RATE IN A STRAIN OF RAINBOW TROUT (SALMO GAIRDNERI) Tj ETQq0 0 0 rgBT /Overl	1.1	52
33	Protein variation, fitness, and captive propagation. Zoo Biology, 1986, 5, 91-99.	0.5	87
34	Genetic drift and the loss of alleles versus heterozygosity. Zoo Biology, 1986, 5, 181-190.	0.5	682
35	Does enzyme heterozygosity influence developmental rate in rainbow trout?. Heredity, 1986, 56, 417-425.	1.2	29
36	INHERITANCE OF MERISTIC VARIATION AND THE EVOLUTION OF DEVELOPMENTAL STABILITY IN RAINBOW TROUT. Evolution; International Journal of Organic Evolution, 1985, 39, 308-314.	1.1	123

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37	DEVELOPMENTAL INSTABILITY AND HIGH MERISTIC COUNTS IN INTERSPECIFIC HYBRIDS OF SALMONID FISHES. Evolution; International Journal of Organic Evolution, 1985, 39, 1318-1326.	1.1	107
38	Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Heredity, 1985, 54, 219-225.	1.2	91
39	Developmental Instability as an Indicator of Reduced Genetic Variation in Hatchery Trout. Transactions of the American Fisheries Society, 1985, 114, 230-235.	0.6	77
40	INTROGRESSION BETWEEN TWO CUTTHROAT TROUT SUBSPECIES WITH SUBSTANTIAL KARYOTYPIC, NUCLEAR AND MITOCHONDRIAL GENOMIC DIVERGENCE. Genetics, 1985, 111, 905-915.	1.2	51
41	Allelic differences in initial expression of paternal alleles at an isocitrate dehydrogenase locus in rainbow trout (Salmo gairdneri). Genesis, 1984, 5, 117-127.	3.1	12
42	Developmental stability and enzyme heterozygosity in rainbow trout. Nature, 1983, 301, 71-72.	13.7	236
43	GENE-CENTROMERE MAPPING IN RAINBOW TROUT: HIGH INTERFERENCE OVER LONG MAP DISTANCES. Genetics, 1983, 103, 771-783.	1.2	189
44	IDENTIFICATION OF A GENE REGULATING THE TISSUE EXPRESSION OF A PHOSPHOGLUCOMUTASE LOCUS IN RAINBOW TROUT. Genetics, 1982, 102, 259-268.	1.2	41
45	Loss of Genetic Variation in a Hatchery Stock of Cutthroat Trout. Transactions of the American Fisheries Society, 1980, 109, 537-543.	0.6	318
46	REPRODUCTIVE ISOLATION WITH LITTLE GENETIC DIVERGENCE IN SYMPATRIC POPULATIONS OF BROWN TROUT (SALMO TRUTTA). Genetics, 1979, 92, 247-262.	1.2	163
47	Protein polymorphism and the rate of loss of duplicate gene expression. Nature, 1978, 272, 76-78.	13.7	71