# Fred W Allendorf

List of Publications by Year
in descending order



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|---|---|---|---|
| 47 papers | 8,305 citations | 117619 34 h-index | 214788 47 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 8308 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. | 3.9 | 10 |
| 2 | Authorsâ€™ Reply to Letter to the Editor: Continued improvement to genetic diversity indicator for CBD. Conservation Genetics, 2021, 22, 533-536. | 1.5 | 18 |
| 3 | Post-2020 goals overlook genetic diversity. Science, 2020, 367, 1083-1085. | 12.6 | 132 |
| 4 | Zen and deep evolution: The optical delusion of separation. Evolutionary Applications, 2018, 11, 1212-1218. | 3.1 | 2 |
| 5 | Cryptic inbreeding depression in a growing population of a longâ€lived species. Molecular Ecology, 2017, 26, 799-813. | 3.9 | 30 |
| 6 | Unbroken: RADseq remains a powerful tool for understanding the genetics of adaptation in natural populations. Molecular Ecology Resources, 2017, 17, 362-365. | 4.8 | 156 |
| 7 | Genetics and the conservation of natural populations: allozymes to genomes. Molecular Ecology, 2017, 26, 420-430. | 3.9 | 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. | 2.6 | 40 |
| 9 | Genomics advances the study of inbreeding depression in the wild. Evolutionary Applications, 2016, 9, 1205-1218. | 3.1 | 200 |
| 10 | Response to May and Delany: We Never Said Wright was Wrong. Journal of Heredity, 2015, 106, esv072. | 2.4 | 0 |
| 11 | Linkage Mapping Reveals Strong Chiasma Interference in Sockeye Salmon: Implications for Interpreting Genomic Data. G3: Genes, Genomes, Genetics, 2015, 5, 2463-2473. | 1.8 | 19 |
| 12 | Effects of Crossovers Between Homeologs on Inheritance and Population Genomics in Polyploid-Derived Salmonid Fishes. Journal of Heredity, 2015, 106, 217-227. | 2.4 | 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. | 1.5 | 25 |
| 14 | So long to genetic diversity, and thanks for all the fish. Molecular Ecology, 2014, 23, 23-25. | 3.9 | 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. | 4.8 | 46 |
| 16 | Genetic engineering in conservation. Nature, 2013, 502, 303-303. | 27.8 | 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. | 3.9 | 162 |
| 18 | Harnessing genomics for delineating conservation units. Trends in Ecology and Evolution, 2012, 27, 489-496. | 8.7 | 767 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Estimation of census and effective population sizes: the increasing usefulness of DNA-based approaches. Conservation Genetics, 2010, 11, 355-373. | 1.5 | 444 |
| 20 | Recent local adaptation of sockeye salmon to glacial spawning habitats. Evolutionary Ecology, 2010, 24, 391-411. | 1.2 | 23 |
| 21 | Demographic effects of temperatureâ€dependent sex determination: will tuatara survive global warming?. Global Change Biology, 2010, 16, 60-72. | 9.5 | 69 |
| 22 | Hybridization rapidly reduces fitness of a native trout in the wild. Biology Letters, 2009, 5, 328-331. | 2.3 | 254 |
| 23 | Genetic effects of harvest on wild animal populations. Trends in Ecology and Evolution, 2008, 23, 327-337. | 8.7 | 495 |
| 24 | Identification of management units using population genetic data. Trends in Ecology and Evolution, 2007, 22, 11-16. | 8.7 | 800 |
| 25 | The problems with hybrids: setting conservation guidelines. Trends in Ecology and Evolution, 2001, 16, 613-622. | 8.7 | 1,454 |
| 26 | Secondary Tetrasomic Segregation of MDH-B and Preferential Pairing of Homeologues in Rainbow Trout. Genetics, 1997, 145, 1083-1092. | 2.9 | 150 |
| 27 | Adaptive significance of developmental rate in rainbow trout: an experimental test. Biological Journal of the Linnean Society, 1988, 33, 205-216. | 1.6 | 4 |
| 28 | Heterozygosity and components of fitness in a strain of rainbow trout. Biological Journal of the Linnean Society, 1988, 33, 285-304. | 1.6 | 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. | 2.3 | 31 |
| 30 | Genetic Divergence and Identification of Seven Cutthroat Trout Subspecies and Rainbow Trout. Transactions of the American Fisheries Society, 1987, 116, 580-587. | 1.4 | 66 |
| 31 | Gene-centromere mapping of 25 loci in rainbow trout. Journal of Heredity, 1986, 77, 307-312. | 2.4 | 96 |
| 32 | HETEROZYGOSITY AND DEVELOPMENTAL RATE IN A STRAIN OF RAINBOW TROUT ( SALMO GAIRDNERI) Tj ETQq0 0 0 rgBT /Overl | 2.3 | 52 |
| 33 | Protein variation, fitness, and captive propagation. Zoo Biology, 1986, 5, 91-99. | 1.2 | 87 |
| 34 | Genetic drift and the loss of alleles versus heterozygosity. Zoo Biology, 1986, 5, 181-190. | 1.2 | 682 |
| 35 | Does enzyme heterozygosity influence developmental rate in rainbow trout?. Heredity, 1986, 56, 417-425. | 2.6 | 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. | 2.3 | 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. | 2.3 | 107 |
| 38 | Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Heredity, 1985, 54, 219-225. | 2.6 | 91 |
| 39 | Developmental Instability as an Indicator of Reduced Genetic Variation in Hatchery Trout. Transactions of the American Fisheries Society, 1985, 114, 230-235. | 1.4 | 77 |
| 40 | INTROGRESSION BETWEEN TWO CUTTHROAT TROUT SUBSPECIES WITH SUBSTANTIAL KARYOTYPIC, NUCLEAR AND MITOCHONDRIAL GENOMIC DIVERGENCE. Genetics, 1985, 111, 905-915. | 2.9 | 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. | 2.1 | 12 |
| 42 | Developmental stability and enzyme heterozygosity in rainbow trout. Nature, 1983, 301, 71-72. | 27.8 | 236 |
| 43 | GENE-CENTROMERE MAPPING IN RAINBOW TROUT: HIGH INTERFERENCE OVER LONG MAP DISTANCES. Genetics, 1983, 103, 771-783. | 2.9 | 189 |
| 44 | IDENTIFICATION OF A GENE REGULATING THE TISSUE EXPRESSION OF A PHOSPHOGLUCOMUTASE LOCUS IN RAINBOW TROUT. Genetics, 1982, 102, 259-268. | 2.9 | 41 |
| 45 | Loss of Genetic Variation in a Hatchery Stock of Cutthroat Trout. Transactions of the American Fisheries Society, 1980, 109, 537-543. | 1.4 | 318 |
| 46 | REPRODUCTIVE ISOLATION WITH LITTLE GENETIC DIVERGENCE IN SYMPATRIC POPULATIONS OF BROWN TROUT (SALMO TRUTTA). Genetics, 1979, 92, 247-262. | 2.9 | 163 |
| 47 | Protein polymorphism and the rate of loss of duplicate gene expression. Nature, 1978, 272, 76-78. | 27.8 | 71 |