Freddy B Christiansen

List of Publications by Year
in descending order

63 papers	3,307 citations	147801 31 h-index	161849 54 g-index
63 all docs	63 docs citations	63 times ranked	2294 citing authors

#	Article	IF	Citations
1	Gene-culture co-evolution: teaching, learning, and correlations between relatives. Israel Journal of Ecology and Evolution, 2013, 59, 72-91.	0.6	11
2	Epigenetic Variation, Phenotypic Heritability, and Evolution. , 2013, , 233-246.		1
3	Fusion of two divergent fungal individuals led to the recent emergence of a unique widespread pathogen species. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10954-10959.	7.1	171
4	Environment-Sensitive Epigenetics and the Heritability of Complex Diseases. Genetics, 2011, 189, 1377-1387.	2.9	89
5	A genome-wide association study for milk production traits in Danish Jersey cattle using a 50K single nucleotide polymorphism chip1. Journal of Animal Science, 2010, 88, 3522-3528.	0.5	55
6	Genetics of Zoarces populations. Hereditas, 2009, 73, 291-303.	1.4	48
7	Genetics of Zoarces populations. Hereditas, 2009, 83, 245-255.	1.4	31
8	Genetics of Zoarces populations. Hereditas, 2008, 101, 37-48.	1.4	3
9	Selection at Work in Self-Incompatible *Arabidopsis lyrata*. II. Spatial Distribution of S Haplotypes in Iceland. Genetics, 2008, 180, 1051-1059.	2.9	27
10	The evolution of n-player cooperation—threshold games and ESS bifurcations. Journal of Theoretical Biology, 2006, 238, 426-434.	1.7	91
11	Selection at Work in Self-Incompatible Arabidopsis lyrata: Mating Patterns in a Natural Population. Genetics, 2006, 172, 477-484.	2.9	46
12	Density-dependent selection. , 2004, , 139-155.		82
13	Male Gametophytic Selection Against a Deleterious Allele in a Mixed Mating Model. Hereditas, 2004, 120, 13-18.	1.4	10
14	Influenza drift and epidemic size: the race between generating and escaping immunity. Theoretical Population Biology, 2004, 65, 179-191.	1.1	68
15	A Codon-Based Model of Host-Specific Selection in Parasites, with an Application to the Influenza A Virus. Molecular Biology and Evolution, 2003, 20, 1252-1259.	8.9	75
16	The strength of the selection barrier between populations. Genetical Research, 2000, 76, 179-185.	0.9	2
17	Four. Genes, Culture, and Inequality. , 2000, , 61-86.		13
18	Algorithms, genetics, and populations: The schemata theorem revisited. Complexity, 1998, 3, 57-64.	1.6	5

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19	Mate Availability and Fecundity Selection in Multi-Allelic Self- Incompatibility Systems in Plants. Evolution; International Journal of Organic Evolution, 1998, 52, 19.	2.3	59
20	Waiting with and without Recombination: The Time to Production of a Double Mutant. Theoretical Population Biology, 1998, 53, 199-215.	1.1	57
21	MATE AVAILABILITY AND FECUNDITY SELECTION IN MULTI-ALLELIC SELF-INCOMPATIBILITY SYSTEMS IN PLANTS. Evolution; International Journal of Organic Evolution, 1998, 52, 19-29.	2.3	79
22	A codon-based model designed to describe lentiviral evolution. Molecular Biology and Evolution, 1998, 15, 1069-1081.	8.9	40
23	Allelic Genealogies in Sporophytic Self-Incompatibility Systems in Plants. Genetics, 1998, 150, 1187-1198.	2.9	60
24	Evolutionary Dynamics of Sporophytic Self-Incompatibility Alleles in Plants. Genetics, 1997, 147, 835-846.	2.9	84
25	POPULATION GENETIC PERSPECTIVES ON THE EVOLUTION OF RECOMBINATION. Annual Review of Genetics, 1996, 30, 261-295.	7.6	157
26	Inbreeding depression and outbreeding depression in plants. Heredity, 1996, 77, 461-468.	2.6	98
27	Genotypic proportions in hybrid zones. Journal of Mathematical Biology, 1995, 33, 225.	1.9	5
28	Sex Determination in a Symmetrical Autosomal Multi-locus Model. Theoretical Population Biology, 1995, 47, 107-127.	1.1	0
29	Evolution of recombination among multiple selected loci: a generalized reduction principle.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 1079-1083.	7.1	30
30	Some Advantages and Disadvantages of Recombination. Lecture Notes in Biomathematics, 1994, , 198-211.	0.3	9
31	Disease-Induced Natural Selection in a Diploid Host. Theoretical Population Biology, 1993, 44, 261-298.	1.1	8
32	The generalized multiplicative model for viability selection at multiple loci. Journal of Mathematical Biology, 1990, 29, 99-129.	1.9	7
33	Simplified models for viability selection at multiple loci. Theoretical Population Biology, 1990, 37, 39-54.	1.1	8
34	Estimation of migration from a perturbation experiment in natural populations of Drosophila buzzatii Patterson & Wheeler. Biological Journal of the Linnean Society, 1989, 37, 311-334.	1.6	37
35	Persistence of an infectious disease in a subdivided population. Mathematical Biosciences, 1989, 96, 239-253.	1.9	31
36	Linkage equilibrium in multi-locus genotypic frequencies with mixed selfing and random mating. Theoretical Population Biology, 1989, 35, 307-336.	1.1	11

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37	The multiple-locus symmetric fertility model. Theoretical Population Biology, 1989, 35, 337-362.	1.1	6
38	Epistasis in the multiple locus symmetric viability model. Journal of Mathematical Biology, 1988, 26, 595-618.	1.9	11
39	The Wahlund Effect with Overlapping Generations. American Naturalist, 1988, 131, 149-156.	2.1	14
40	Evolution and intraspecific competition. III. One-locus theory for small additive gene effects and multidimensional resource qualities. Theoretical Population Biology, 1987, 31, 33-46.	1.1	15
41	The deviation from linkage equilibrium with multiple loci varying in a stepping-stone cline. Journal of Genetics, 1987, 66, 45-67.	0.7	21
42	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations, III. Theoretical Population Biology, 1985, 27, 268-297.	1.1	11
43	Selection and Population Regulation with Habitat Variation. American Naturalist, 1985, 126, 418-429.	2.1	14
44	Population Genetic Theory of the Cost of Inbreeding. American Naturalist, 1984, 123, 642-653.	2.1	64
45	Evolution and intraspecific exploitative competition. II. A two-locus model for additive gene effects. Theoretical Population Biology, 1984, 26, 228-264.	1.1	36
46	The Evolution of Self-Fertilization in Plants: A Population Genetic Model. American Naturalist, 1984, 124, 446-453.	2.1	237
47	Selection in complex genetic systems. V. Some properties of mixed selfing and random mating with two loci. Theoretical Population Biology, 1983, 23, 257-272.	1.1	4
48	A two-locus mutation–Selection model and some of its evolutionary implications. Theoretical Population Biology, 1983, 24, 59-77.	1.1	22
49	ON SOME MODELS OF FERTILITY SELECTION. Genetics, 1983, 105, 1003-1010.	2.9	42
50	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations, II. Theoretical Population Biology, 1981, 19, 378-419.	1.1	36
51	The estimation of epistasis in components of fitness in experimental populations of Drosophila melanogaster I. A two-stage maximum likelihood model. Heredity, 1981, 46, 321-346.	2.6	23
52	Evolution of recombination in a constant environment. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 4838-4841.	7.1	182
53	Evolution and intraspecific exploitative competition I. One-locus theory for small additive gene effects. Theoretical Population Biology, 1980, 18, 297-313.	1.1	97
54	Evolution of marine invertebrate reproductive patterns. Theoretical Population Biology, 1979, 16, 267-282.	1.1	219

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55	Selection and Interspecific Competition. Lecture Notes in Biomathematics, 1977, , 477-498.	0.3	34
56	Hard and Soft Selection in a Subdivided Population. American Naturalist, 1975, 109, 11-16.	2.1	226
57	Selection in complex genetic systems IV. Multiple alleles and interactions between two loci. Journal of Mathematical Biology, 1975, 2, 179-204.	1.9	9
58	Subdivided populations: A review of the one- and two-locus deterministic theory. Theoretical Population Biology, 1975, 7, 13-38.	1.1	79
59	The effect of population subdivision on two loci without selection. Genetical Research, 1974, 24, 151-162.	0.9	65
60	Genetics of Zoarces populations. Hereditas, 1974, 77, 225-236.	1.4	35
61	Sufficient Conditions for Protected Polymorphism in a Subdivided Population. American Naturalist, 1974, 108, 157-166.	2.1	85
62	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations. Theoretical Population Biology, 1973, 4, 425-445.	1.1	87
63	Genetics of Zoarces populations:. Hereditas, 0, 87, 129-150.	1.4	25