

Freddy B Christiansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2774498/publications.pdf>

Version: 2024-02-01

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	The Evolution of Self-Fertilization in Plants: A Population Genetic Model. <i>American Naturalist</i> , 1984, 124, 446-453.	2.1	237
2	Hard and Soft Selection in a Subdivided Population. <i>American Naturalist</i> , 1975, 109, 11-16.	2.1	226
3	Evolution of marine invertebrate reproductive patterns. <i>Theoretical Population Biology</i> , 1979, 16, 267-282.	1.1	219
4	Evolution of recombination in a constant environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 4838-4841.	7.1	182
5	Fusion of two divergent fungal individuals led to the recent emergence of a unique widespread pathogen species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10954-10959.	7.1	171
6	POPULATION GENETIC PERSPECTIVES ON THE EVOLUTION OF RECOMBINATION. <i>Annual Review of Genetics</i> , 1996, 30, 261-295.	7.6	157
7	Inbreeding depression and outbreeding depression in plants. <i>Heredity</i> , 1996, 77, 461-468.	2.6	98
8	Evolution and intraspecific exploitative competition I. One-locus theory for small additive gene effects. <i>Theoretical Population Biology</i> , 1980, 18, 297-313.	1.1	97
9	The evolution of n-player cooperation—threshold games and ESS bifurcations. <i>Journal of Theoretical Biology</i> , 2006, 238, 426-434.	1.7	91
10	Environment-Sensitive Epigenetics and the Heritability of Complex Diseases. <i>Genetics</i> , 2011, 189, 1377-1387.	2.9	89
11	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations. <i>Theoretical Population Biology</i> , 1973, 4, 425-445.	1.1	87
12	Sufficient Conditions for Protected Polymorphism in a Subdivided Population. <i>American Naturalist</i> , 1974, 108, 157-166.	2.1	85
13	Evolutionary Dynamics of Sporophytic Self-Incompatibility Alleles in Plants. <i>Genetics</i> , 1997, 147, 835-846.	2.9	84
14	Density-dependent selection. , 2004, , 139-155.		82
15	Subdivided populations: A review of the one- and two-locus deterministic theory. <i>Theoretical Population Biology</i> , 1975, 7, 13-38.	1.1	79
16	MATE AVAILABILITY AND FECUNDITY SELECTION IN MULTI-ALLELIC SELF-INCOMPATIBILITY SYSTEMS IN PLANTS. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 19-29.	2.3	79
17	A Codon-Based Model of Host-Specific Selection in Parasites, with an Application to the Influenza A Virus. <i>Molecular Biology and Evolution</i> , 2003, 20, 1252-1259.	8.9	75
18	Influenza drift and epidemic size: the race between generating and escaping immunity. <i>Theoretical Population Biology</i> , 2004, 65, 179-191.	1.1	68

#	ARTICLE	IF	CITATIONS
19	The effect of population subdivision on two loci without selection. <i>Genetical Research</i> , 1974, 24, 151-162.	0.9	65
20	Population Genetic Theory of the Cost of Inbreeding. <i>American Naturalist</i> , 1984, 123, 642-653.	2.1	64
21	Allelic Genealogies in Sporophytic Self-Incompatibility Systems in Plants. <i>Genetics</i> , 1998, 150, 1187-1198.	2.9	60
22	Mate Availability and Fecundity Selection in Multi-Allelic Self- Incompatibility Systems in Plants. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 19.	2.3	59
23	Waiting with and without Recombination: The Time to Production of a Double Mutant. <i>Theoretical Population Biology</i> , 1998, 53, 199-215.	1.1	57
24	A genome-wide association study for milk production traits in Danish Jersey cattle using a 50K single nucleotide polymorphism chip1. <i>Journal of Animal Science</i> , 2010, 88, 3522-3528.	0.5	55
25	Genetics of Zoarces populations. <i>Hereditas</i> , 2009, 73, 291-303.	1.4	48
26	Selection at Work in Self-Incompatible <i>Arabidopsis lyrata</i> : Mating Patterns in a Natural Population. <i>Genetics</i> , 2006, 172, 477-484.	2.9	46
27	ON SOME MODELS OF FERTILITY SELECTION. <i>Genetics</i> , 1983, 105, 1003-1010.	2.9	42
28	A codon-based model designed to describe lentiviral evolution. <i>Molecular Biology and Evolution</i> , 1998, 15, 1069-1081.	8.9	40
29	Estimation of migration from a perturbation experiment in natural populations of <i>Drosophila buzzatii</i> Patterson & Wheeler. <i>Biological Journal of the Linnean Society</i> , 1989, 37, 311-334.	1.6	37
30	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations, II. <i>Theoretical Population Biology</i> , 1981, 19, 378-419.	1.1	36
31	Evolution and intraspecific exploitative competition. II. A two-locus model for additive gene effects. <i>Theoretical Population Biology</i> , 1984, 26, 228-264.	1.1	36
32	Genetics of Zoarces populations. <i>Hereditas</i> , 1974, 77, 225-236.	1.4	35
33	Selection and Interspecific Competition. <i>Lecture Notes in Biomathematics</i> , 1977, , 477-498.	0.3	34
34	Persistence of an infectious disease in a subdivided population. <i>Mathematical Biosciences</i> , 1989, 96, 239-253.	1.9	31
35	Genetics of Zoarces populations. <i>Hereditas</i> , 2009, 83, 245-255.	1.4	31
36	Evolution of recombination among multiple selected loci: a generalized reduction principle.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 1079-1083.	7.1	30

#	ARTICLE	IF	CITATIONS
37	Selection at Work in Self-Incompatible <i>Arabidopsis lyrata</i> . II. Spatial Distribution of S Haplotypes in Iceland. <i>Genetics</i> , 2008, 180, 1051-1059.	2.9	27
38	Genetics of Zoarces populations. <i>Hereditas</i> , 0, 87, 129-150.	1.4	25
39	The estimation of epistasis in components of fitness in experimental populations of <i>Drosophila melanogaster</i> I. A two-stage maximum likelihood model. <i>Heredity</i> , 1981, 46, 321-346.	2.6	23
40	A two-locus mutation-selection model and some of its evolutionary implications. <i>Theoretical Population Biology</i> , 1983, 24, 59-77.	1.1	22
41	The deviation from linkage equilibrium with multiple loci varying in a stepping-stone cline. <i>Journal of Genetics</i> , 1987, 66, 45-67.	0.7	21
42	Evolution and intraspecific competition. III. One-locus theory for small additive gene effects and multidimensional resource qualities. <i>Theoretical Population Biology</i> , 1987, 31, 33-46.	1.1	15
43	The Wahlund Effect with Overlapping Generations. <i>American Naturalist</i> , 1988, 131, 149-156.	2.1	14
44	Selection and Population Regulation with Habitat Variation. <i>American Naturalist</i> , 1985, 126, 418-429.	2.1	14
45	Four. Genes, Culture, and Inequality. , 2000, , 61-86.		13
46	Selection component analysis of natural polymorphisms using population samples including mother-offspring combinations, III. <i>Theoretical Population Biology</i> , 1985, 27, 268-297.	1.1	11
47	Epistasis in the multiple locus symmetric viability model. <i>Journal of Mathematical Biology</i> , 1988, 26, 595-618.	1.9	11
48	Linkage equilibrium in multi-locus genotypic frequencies with mixed selfing and random mating. <i>Theoretical Population Biology</i> , 1989, 35, 307-336.	1.1	11
49	Gene-culture co-evolution: teaching, learning, and correlations between relatives. <i>Israel Journal of Ecology and Evolution</i> , 2013, 59, 72-91.	0.6	11
50	Male Gametophytic Selection Against a Deleterious Allele in a Mixed Mating Model. <i>Hereditas</i> , 2004, 120, 13-18.	1.4	10
51	Selection in complex genetic systems IV. Multiple alleles and interactions between two loci. <i>Journal of Mathematical Biology</i> , 1975, 2, 179-204.	1.9	9
52	Some Advantages and Disadvantages of Recombination. <i>Lecture Notes in Biomathematics</i> , 1994, , 198-211.	0.3	9
53	Simplified models for viability selection at multiple loci. <i>Theoretical Population Biology</i> , 1990, 37, 39-54.	1.1	8
54	Disease-Induced Natural Selection in a Diploid Host. <i>Theoretical Population Biology</i> , 1993, 44, 261-298.	1.1	8

#	ARTICLE	IF	CITATIONS
55	The generalized multiplicative model for viability selection at multiple loci. <i>Journal of Mathematical Biology</i> , 1990, 29, 99-129.	1.9	7
56	The multiple-locus symmetric fertility model. <i>Theoretical Population Biology</i> , 1989, 35, 337-362.	1.1	6
57	Genotypic proportions in hybrid zones. <i>Journal of Mathematical Biology</i> , 1995, 33, 225.	1.9	5
58	Algorithms, genetics, and populations: The schemata theorem revisited. <i>Complexity</i> , 1998, 3, 57-64.	1.6	5
59	Selection in complex genetic systems. V. Some properties of mixed selfing and random mating with two loci. <i>Theoretical Population Biology</i> , 1983, 23, 257-272.	1.1	4
60	Genetics of <i>Zoarces</i> populations. <i>Hereditas</i> , 2008, 101, 37-48.	1.4	3
61	The strength of the selection barrier between populations. <i>Genetical Research</i> , 2000, 76, 179-185.	0.9	2
62	Epigenetic Variation, Phenotypic Heritability, and Evolution. , 2013, , 233-246.		1
63	Sex Determination in a Symmetrical Autosomal Multi-locus Model. <i>Theoretical Population Biology</i> , 1995, 47, 107-127.	1.1	0