

Francois Rousset

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163
papers

36,772
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170
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170
ext. papers

39,443
ext. citations

5.2
avg. IF

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L-index

#	Paper	IF	Citations
163	GENEPOP (Version 1.2): Population Genetics Software for Exact Tests and Ecumenicism. <i>Journal of Heredity</i> , 1995 , 86, 248-249	2.4	13090
162	genepop ⁰⁷ : a complete re-implementation of the genepop software for Windows and Linux. <i>Molecular Ecology Resources</i> , 2008 , 8, 103-6	8.4	6408
161	Genetic differentiation and estimation of gene flow from F-statistics under isolation by distance. <i>Genetics</i> , 1997 , 145, 1219-28	4	2702
160	AN EXACT TEST FOR POPULATION DIFFERENTIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 1280-1283	3.8	1352
159	An Exact Test for Population Differentiation. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 1280	3.8	1147
158	Testing differentiation in diploid populations. <i>Genetics</i> , 1996 , 144, 1933-40	4	981
157	Phylogeny and PCR-based classification of Wolbachia strains using wsp gene sequences. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 509-15	4.4	880
156	Testing heterozygote excess and deficiency. <i>Genetics</i> , 1995 , 140, 1413-9	4	553
155	Genetic differentiation between individuals. <i>Journal of Evolutionary Biology</i> , 2000 , 13, 58-62	2.3	530
154	Comparative analysis of microsatellite and allozyme markers: a case study investigating microgeographic differentiation in brown trout (<i>Salmo trutta</i>). <i>Molecular Ecology</i> , 1998 , 7, 339-53	5.7	375
153	Wolbachia endosymbionts responsible for various alterations of sexuality in arthropods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1992 , 250, 91-8	4.4	350
152	Equilibrium values of measures of population subdivision for stepwise mutation processes. <i>Genetics</i> , 1996 , 142, 1357-62	4	335
151	Dismantling the Mantel tests. <i>Methods in Ecology and Evolution</i> , 2013 , 4, 336-344	7.7	318
150	Wolbachia infections are distributed throughout insect somatic and germ line tissues. <i>Insect Biochemistry and Molecular Biology</i> , 1999 , 29, 153-60	4.5	299
149	Genetic Structure and Selection in Subdivided Populations (MPB-40) 2004 ,		247
148	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011 , 471, E1-4; author reply E9-10	50.4	242
147	Evolution of single and double Wolbachia symbioses during speciation in the <i>Drosophila simulans</i> complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 6389-93	11.5	166

146	How life history and demography promote or inhibit the evolution of helping behaviours. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 2599-617	5.8	164
145	Are partial mantel tests adequate?. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1703-5.8	5.8	162
144	A theoretical basis for measures of kin selection in subdivided populations: finite populations and localized dispersal. <i>Journal of Evolutionary Biology</i> , 2000 , 13, 814-825	2.3	161
143	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019 , 10, 3109	17.4	141
142	Inbreeding and relatedness coefficients: what do they measure?. <i>Heredity</i> , 2002 , 88, 371-80	3.6	138
141	Testing environmental and genetic effects in the presence of spatial autocorrelation. <i>Ecography</i> , 2014 , 37, 781-790	6.5	135
140	Constraints on the origin and maintenance of genetic kin recognition. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 2320-30	3.8	134
139	Analysis of population structure in autotetraploid species. <i>Genetics</i> , 1998 , 150, 921-30	4	129
138	The reproductive incompatibility system in <i>Drosophila simulans</i> : DAPI-staining analysis of the <i>Wolbachia</i> symbionts in sperm cysts. <i>Journal of Invertebrate Pathology</i> , 1993 , 61, 226-30	2.6	128
137	In defence of model-based inference in phylogeography. <i>Molecular Ecology</i> , 2010 , 19, 436-446	5.7	127
136	Are host genetics the predominant determinant of persistent nasal <i>Staphylococcus aureus</i> carriage in humans?. <i>Journal of Infectious Diseases</i> , 2010 , 202, 924-34	7	118
135	Evolution of the distribution of dispersal distance under distance-dependent cost of dispersal. <i>Journal of Evolutionary Biology</i> , 2002 , 15, 515-523	2.3	118
134	Stochasticity in evolution. <i>Trends in Ecology and Evolution</i> , 2009 , 24, 157-65	10.9	116
133	High <i>Wolbachia</i> density in insecticide-resistant mosquitoes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 1413-6	4.4	113
132	HIGH WOLBACHIA DENSITY CORRELATES WITH COST OF INFECTION FOR INSECTICIDE RESISTANT CULEX PIPIENS MOSQUITOES. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 303-314	3.8	112
131	Causes, Mechanisms and Consequences of Dispersal 2004 , 307-335		110
130	Contrasting levels of variability between cytoplasmic genomes and incompatibility types in the mosquito <i>Culex pipiens</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997 , 264, 245-51	4.4	102
129	POPULATION DEMOGRAPHY AND THE EVOLUTION OF HELPING BEHAVIORS. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 1137-1151	3.8	102

128	Compatible genetic and ecological estimates of dispersal rates in insect (Coenagrion mercuriale: Odonata: Zygoptera) populations: analysis of neighbourhood size using a more precise estimator. <i>Molecular Ecology</i> , 2007 , 16, 737-51	5.7	101
127	RBFOX2 is an important regulator of mesenchymal tissue-specific splicing in both normal and cancer tissues. <i>Molecular and Cellular Biology</i> , 2013 , 33, 396-405	4.8	98
126	Inclusive fitness for traits affecting metapopulation demography. <i>Theoretical Population Biology</i> , 2004 , 65, 127-41	1.2	98
125	Statistical analyses of population genetic data: new tools, old concepts. <i>Trends in Ecology and Evolution</i> , 1997 , 12, 313-7	10.9	89
124	Host-plant-associated genetic differentiation in Northern French populations of the European corn borer. <i>Heredity</i> , 2003 , 90, 141-9	3.6	89
123	Coalescent patterns for chromosomal inversions in divergent populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 430-8	5.8	85
122	Influence of mutational and sampling factors on the estimation of demographic parameters in a "continuous" population under isolation by distance. <i>Molecular Biology and Evolution</i> , 2003 , 20, 491-502	8.3	84
121	Molecular identification of Wolbachia, the agent of cytoplasmic incompatibility in <i>Drosophila simulans</i> , and variability in relation with host mitochondrial types. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1992 , 247, 163-8	4.4	83
120	Pleiotropy of adaptive changes in populations: comparisons among insecticide resistance genes in <i>Culex pipiens</i> . <i>Genetical Research</i> , 1997 , 70, 195-203	1.1	82
119	Strong reciprocity or strong ferocity? A population genetic view of the evolution of altruistic punishment. <i>American Naturalist</i> , 2007 , 170, 21-36	3.7	82
118	Cytoplasmic incompatibility in insects: Why sterilize females?. <i>Trends in Ecology and Evolution</i> , 1991 , 6, 54-7	10.9	82
117	Inbreeding depression and the evolution of dispersal rates: a multilocus model. <i>American Naturalist</i> , 2005 , 166, 708-21	3.7	81
116	Evolution of compensatory substitutions through G.U intermediate state in <i>Drosophila</i> rRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 10032-6	11.5	78
115	Dispersal, kin competition, and the ideal free distribution in a spatially heterogeneous population. <i>Theoretical Population Biology</i> , 2002 , 62, 169-80	1.2	76
114	Influence of spatial and temporal heterogeneities on the estimation of demographic parameters in a continuous population using individual microsatellite data. <i>Genetics</i> , 2004 , 166, 1081-92	4	75
113	PARTIAL MANTEL TESTS: REPLY TO CASTELLANO AND BALLETO. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 1874-1875	3.8	75
112	Evolution of stepping-stone dispersal rates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 2507-13	4.4	74
111	Selection and drift in subdivided populations: a straightforward method for deriving diffusion approximations and applications involving dominance, selfing and local extinctions. <i>Genetics</i> , 2003 , 165, 2153-66	4	74

110	A stable triple Wolbachia infection in <i>Drosophila</i> with nearly additive incompatibility effects. <i>Heredity</i> , 1999 , 82 (Pt 6), 620-7	3.6	72
109	Inference of Parasite-Induced Host Mortality from Distributions of Parasit Loads. <i>Ecology</i> , 1996 , 77, 2203-2211	4.2	71
108	A reassessment of explanations for discordant introgressions of mitochondrial and nuclear genomes. <i>Evolution; International Journal of Organic Evolution</i> , 2017 , 71, 2140-2158	3.8	70
107	Polymorphisms in <i>Anopheles gambiae</i> immune genes associated with natural resistance to <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2010 , 6, e1001112	7.6	70
106	"Clonal" population structure of the malaria agent <i>Plasmodium falciparum</i> in high-infection regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17388-93	11.5	70
105	Genetic isolation between two sympatric host plant races of the European corn borer, <i>Ostrinia nubilalis</i> Hubner. II: assortative mating and host-plant preferences for oviposition. <i>Heredity</i> , 2005 , 94, 264-70	3.6	69
104	Differential mortality of two closely related host species induced by one parasite. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995 , 260, 349-352	4.4	69
103	"Neighbourhood" size, dispersal and density estimates in the prickly forest skink (<i>Gnypetoscincus queenslandiae</i>) using individual genetic and demographic methods. <i>Molecular Ecology</i> , 2001 , 10, 1917-27	5.7	68
102	Kin selection and natal dispersal in an age-structured population. <i>Theoretical Population Biology</i> , 2000 , 58, 143-59	1.2	67
101	Properties of <i>Drosophila simulans</i> strains experimentally infected by different clones of the bacterium Wolbachia. <i>Heredity</i> , 1994 , 72 (Pt 4), 325-31	3.6	65
100	Joint effects of inbreeding and local adaptation on the evolution of genetic load after fragmentation. <i>Conservation Biology</i> , 2009 , 23, 1618-27	6	64
99	Modelling the spatial configuration of refuges for a sustainable control of pests: a case study of Bt cotton. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 378-87	2.3	62
98	Cytoplasmic incompatibilities in the mosquito <i>Culex pipiens</i> : How to explain a cytotype polymorphism?*. <i>Journal of Evolutionary Biology</i> , 1991 , 4, 69-81	2.3	62
97	Population genetics and dynamics of the black truffle in a man-made truffle field. <i>Heredity</i> , 2001 , 86, 451-8	3.6	58
96	Applying ecological and evolutionary theory to cancer: a long and winding road. <i>Evolutionary Applications</i> , 2013 , 6, 1-10	4.8	57
95	Selection and gene flow on a diminishing cline of melanic peppered moths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16212-7	11.5	57
94	Evolution. The plant-fungal marketplace. <i>Science</i> , 2011 , 333, 828-9	33.3	56
93	Migration load in plants: role of pollen and seed dispersal in heterogeneous landscapes. <i>Journal of Evolutionary Biology</i> , 2008 , 21, 294-309	2.3	52

92	Joint effects of self-fertilization and population structure on mutation load, inbreeding depression and heterosis. <i>Genetics</i> , 2004 , 167, 1001-15	4	52
91	Absence of evidence for isolation by distance in an expanding cane toad (<i>Bufo marinus</i>) population: an individual-based analysis of microsatellite genotypes. <i>Molecular Ecology</i> , 2000 , 9, 1905-9	5.7	52
90	Maximum-likelihood inference of population size contractions from microsatellite data. <i>Molecular Biology and Evolution</i> , 2014 , 31, 2805-23	8.3	51
89	A minimal derivation of convergence stability measures. <i>Journal of Theoretical Biology</i> , 2003 , 221, 665-8	2.3	49
88	Emergence and dissemination of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> in the community: lessons from the study of a remote and controlled population. <i>Journal of Infectious Diseases</i> , 2010 , 202, 515-23	7	47
87	The genetical theory of social behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130357	5.8	46
86	Heterozygote deficiency in the mussel <i>Mytilus edulis</i> species complex revisited. <i>Marine Ecology - Progress Series</i> , 1997 , 156, 225-237	2.6	46
85	IBDSim: a computer program to simulate genotypic data under isolation by distance. <i>Molecular Ecology Resources</i> , 2009 , 9, 107-9	8.4	43
84	Genetic differentiation within and between two habitats. <i>Genetics</i> , 1999 , 151, 397-407	4	43
83	The role of passive migration in the dispersal of resistance genes in <i>Culex pipiens quinquefasciatus</i> within French Polynesia. <i>Genetical Research</i> , 1995 , 66, 139-146	1.1	41
82	Genetic differentiation in populations with different classes of individuals. <i>Theoretical Population Biology</i> , 1999 , 55, 297-308	1.2	40
81	Joint evolution of sex ratio and dispersal: conditions for higher dispersal rates from good habitats. <i>Evolutionary Ecology</i> , 2003 , 17, 67-84	1.8	39
80	Separation of time scales, fixation probabilities and convergence to evolutionarily stable states under isolation by distance. <i>Theoretical Population Biology</i> , 2006 , 69, 165-79	1.2	38
79	The robustness of Hamilton's rule with inbreeding and dominance: kin selection and fixation probabilities under partial sib mating. <i>American Naturalist</i> , 2004 , 164, 214-31	3.7	38
78	Molecular identification of a <i>Wolbachia</i> endosymbiont in a <i>Tetranychus urticae</i> strain (Acari: Tetranychidae). <i>Insect Molecular Biology</i> , 1996 , 5, 217-21	3.4	38
77	Multilocus models in the infinite island model of population structure. <i>Theoretical Population Biology</i> , 2008 , 73, 529-42	1.2	37
76	Gene flow between chromosomal forms of the malaria vector <i>Anopheles funestus</i> in Cameroon, Central Africa, and its relevance in malaria fighting. <i>Genetics</i> , 2005 , 169, 301-11	4	37
75	Stepwise mutation likelihood computation by sequential importance sampling in subdivided population models. <i>Theoretical Population Biology</i> , 2005 , 68, 41-53	1.2	36

74	Intersexual competition as an explanation for sex-ratio and dispersal biases in polygynous species. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2398-408	3.8	36
73	Germline bottlenecks, biparental inheritance and selection on mitochondrial variants: a two-level selection model. <i>Genetics</i> , 2005 , 170, 1385-99	4	35
72	Much ado about nothing: Nowak et al. charge against inclusive fitness theory. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 1386-92	2.3	34
71	Juxtaposed Microsatellite Systems as Diagnostic Markers for Admixture: Theoretical Aspects. <i>Molecular Biology and Evolution</i> , 1999 , 16, 898-908	8.3	33
70	Plasmodium falciparum mating patterns and mosquito infectivity of natural isolates of gametocytes. <i>PLoS ONE</i> , 2015 , 10, e0123777	3.7	32
69	Population demography and the evolution of helping behaviors. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 1137-51	3.8	32
68	SELECTIVE INTERACTIONS BETWEEN SHORT-DISTANCE POLLEN AND SEED DISPERSAL IN SELF-COMPATIBLE SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 2257-2271	3.8	31
67	Pollen dispersal slows geographical range shift and accelerates ecological niche shift under climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5741-8	11.5	29
66	Migration/selection balance and ecotypic differentiation in the mosquito <i>Culex pipiens</i> . <i>Molecular Ecology</i> , 1998 , 7, 197-208	5.7	29
65	How the truffle got its mate: insights from genetic structure in spontaneous and planted Mediterranean populations of <i>Tuber melanosporum</i> . <i>Molecular Ecology</i> , 2016 , 25, 5611-5627	5.7	29
64	On the evolution of harming and recognition in finite panmictic and infinite structured populations. <i>Evolution; International Journal of Organic Evolution</i> , 2009 , 63, 2896-913	3.8	28
63	Reproductive Value vs Sources and Sinks. <i>Oikos</i> , 1999 , 86, 591	4	28
62	What generates the diversity of Wolbachiaarthropod interactions?. <i>Biodiversity and Conservation</i> , 1996 , 5, 999-1013	3.4	28
61	How does pollen versus seed dispersal affect niche evolution?. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 792-805	3.8	27
60	How choosy should I be? The relative searching time predicts evolution of choosiness under direct sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140190	4.4	27
59	The joint evolution of dispersal and dormancy in a metapopulation with local extinctions and kin competition. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 1676-91	3.8	26
58	Social support drives female dominance in the spotted hyaena. <i>Nature Ecology and Evolution</i> , 2019 , 3, 71-76	12.3	25
57	Is inbreeding depression lower in maladapted populations? A quantitative genetics model. <i>Evolution; International Journal of Organic Evolution</i> , 2009 , 63, 1807-19	3.8	24

56	Genetic Differentiation in Tetranychus Urticae (Acari: Tetranychidae) from greenhouses in France. <i>Experimental and Applied Acarology</i> , 1999 , 23, 365-378	2.1	24
55	The Evolution of Mutual Mate Choice under Direct Benefits. <i>American Naturalist</i> , 2016 , 188, 521-538	3.7	24
54	A comparison of Anopheles gambiae and Plasmodium falciparum genetic structure over space and time. <i>Microbes and Infection</i> , 2008 , 10, 269-75	9.3	23
53	Inferences from Spatial Population Genetics 2008 , 945-979		22
52	Isolation by distance in a continuous population under stochastic demographic fluctuations. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 53-71	2.3	21
51	Stable coexistence of incompatible Wolbachia along a narrow contact zone in mosquito field populations. <i>Molecular Ecology</i> , 2015 , 24, 508-21	5.7	20
50	Inferences on pathogenic fungus population structures from microsatellite data: new insights from spatial genetics approaches. <i>Molecular Ecology</i> , 2011 , 20, 1661-74	5.7	20
49	Strong effects of heterosis on the evolution of dispersal rates. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 1221-33	2.3	20
48	Effective size in simple metapopulation models. <i>Heredity</i> , 2003 , 91, 107-11	3.6	19
47	Black Truffle, a Hermaphrodite with Forced Unisexual Behaviour. <i>Trends in Microbiology</i> , 2017 , 25, 784-787	7.4	18
46	Fitness, inclusive fitness, and optimization. <i>Biology and Philosophy</i> , 2014 , 29, 181-195	1.7	18
45	Low linkage disequilibrium in wild Anopheles gambiae s.l. populations. <i>BMC Genetics</i> , 2010 , 11, 81	2.6	17
44	Regression, least squares, and the general version of inclusive fitness. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 2963-70	3.8	16
43	Likelihood and approximate likelihood analyses of genetic structure in a linear habitat: performance and robustness to model mis-specification. <i>Molecular Biology and Evolution</i> , 2007 , 24, 2730-43	8.3	16
42	Limited dispersal in mobile hunter-gatherer Baka Pygmies. <i>Biology Letters</i> , 2010 , 6, 858-61	3.6	15
41	Likelihood-based inferences under isolation by distance: two-dimensional habitats and confidence intervals. <i>Molecular Biology and Evolution</i> , 2012 , 29, 957-73	8.3	15
40	High dose refuge strategies and genetically modified crops [Reply to Tabashnik et al.]. <i>Journal of Evolutionary Biology</i> , 2004 , 17, 913-918	2.3	15
39	Perturbation expansions of multilocus fixation probabilities for frequency-dependent selection with applications to the Hill-Robertson effect and to the joint evolution of helping and punishment. <i>Theoretical Population Biology</i> , 2009 , 76, 35-51	1.2	14

38	Adaptation due to symbionts and conflicts between heritable agents of biological information. <i>Nature Reviews Genetics</i> , 2011 , 12, 663	30.1	13
37	Isoscape Computation and Inference of Spatial Origins With Mixed Models Using the R package IsoriX 2019 , 207-236		12
36	Topological control of life and death in non-proliferative epithelia. <i>PLoS ONE</i> , 2009 , 4, e4202	3.7	12
35	ARE PARTIAL MANTEL TESTS ADEQUATE?. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1703	3.8	12
34	Does extrinsic mortality accelerate the pace of life? A bare-bones approach. <i>Evolution and Human Behavior</i> , 2020 , 41, 486-492	4	10
33	Exegeses on maximum genetic differentiation. <i>Genetics</i> , 2013 , 194, 557-9	4	9
32	Farming plant cooperation in crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20191290	4.4	8
31	Wright meets AD: not all landscapes are adaptive. <i>Journal of Evolutionary Biology</i> , 2005 , 18, 1166-9	2.3	8
30	Consequences of Wolbachia transmission process on the infection dynamics. <i>Journal of Evolutionary Biology</i> , 1997 , 10, 601-612	2.3	7
29	Demographic consequences of the selective forces controlling density-dependent dispersal 2012 , 266-279		7
28	When Do Individuals Maximize Their Inclusive Fitness?. <i>American Naturalist</i> , 2020 , 195, 717-732	3.7	6
27	Infestation by the mite <i>Harpirhynchus nidulans</i> in the Bearded Tit <i>Panurus biarmicus</i> . <i>Bird Study</i> , 2004 , 51, 34-40	0.7	5
26	Isolation and characterization of polymorphic microsatellite markers from the mosquito <i>Anopheles moucheti</i> , malaria vector in Africa. <i>Molecular Ecology Notes</i> , 2002 , 3, 56-58		5
25	PARTIAL MANTEL TESTS: REPLY TO CASTELLANO AND BALLETO. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 1874	3.8	5
24	Influence of Spatial and Temporal Heterogeneities on the Estimation of Demographic Parameters in a Continuous Population Using Individual Microsatellite Data. <i>Genetics</i> , 2004 , 166, 1081-1092	4	5
23	The evolution of social discounting in hierarchically clustered populations. <i>Molecular Ecology</i> , 2012 , 21, 447-71	5.7	4
22	The summary-likelihood method and its implementation in the Infusion package. <i>Molecular Ecology Resources</i> , 2017 , 17, 110-119	8.4	4
21	Cloning and detection of insecticide resistance genes 1997 , 399-419		4

20	Consequences of. <i>Journal of Evolutionary Biology</i> , 1997 , 10, 601	2.3	4
19	Modelling isoscapes using mixed models		4
18	The non-proliferative nature of ascidian folliculogenesis as a model of highly ordered cellular topology distinct from proliferative epithelia. <i>PLoS ONE</i> , 2015 , 10, e0126341	3.7	3
17	Effective size of the hierarchically structured populations of the agent of malaria: a coalescent-based model. <i>Heredity</i> , 2010 , 104, 371-7	3.6	3
16	Genetic differentiation in <i>Tetranychus urticae</i> (Acari: Tetranychidae) from greenhouses in France 1999 , 175-185		3
15	Matrix inversions for chromosomal inversions: a method to construct summary statistics in complex coalescent models. <i>Theoretical Population Biology</i> , 2014 , 97, 1-10	1.2	2
14	HIGH WOLBACHIA DENSITY CORRELATES WITH COST OF INFECTION FOR INSECTICIDE RESISTANT CULEX PIPIENS MOSQUITOES. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 303	3.8	2
13	POPULATION DEMOGRAPHY AND THE EVOLUTION OF HELPING BEHAVIORS. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 1137	3.8	2
12	SELECTIVE INTERACTIONS BETWEEN SHORT-DISTANCE POLLEN AND SEED DISPERSAL IN SELF-COMPATIBLE SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2006 , 60, 2257	3.8	2
11	Ribosomal RNA Phylogenies 1991 , 73-85		2
10	Resampling: An improvement of importance sampling in varying population size models. <i>Theoretical Population Biology</i> , 2017 , 114, 70-87	1.2	1
9	INTERSEXUAL COMPETITION AS AN EXPLANATION FOR SEX-RATIO AND DISPERSAL BIASES IN POLYGYNOUS SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2398	3.8	1
8	Inferences from Spatial Population Genetics 2004 ,		1
7	Isolation and characterization of microsatellite DNA markers in the malaria vector <i>Anopheles maculipennis</i> . <i>Molecular Ecology Notes</i> , 2003 , 3, 417-419		1
6	Inbreeding and relatedness coefficients: what do they measure?		1
5	GSpace: an exact coalescence simulator of recombining genomes under isolation by distance. <i>Bioinformatics</i> , 2021 ,	7.2	1
4	Sex-specific spatial variation in fitness in the highly dimorphic <i>Leucadendron rubrum</i> . <i>Molecular Ecology</i> , 2021 , 30, 1721-1735	5.7	0
3	The evolution of wealth transmission in human populations: a stochastic model. <i>Journal of Physics: Conference Series</i> , 2014 , 490, 012052	0.3	

- 2 Random samples of Malŕot. *Trends in Ecology and Evolution*, **2000**, 15, 43-44 10.9
- 1 Can perverse polymorph symbionts sublimate their vices?. *Journal of Evolutionary Biology*, **1999**, 12, 832-833