

# Jerome Goudet

## List of Publications by Year in descending order

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108  
papers

35,397  
citations

61984

43  
h-index

25787

108  
g-index

118  
all docs

118  
docs citations

118  
times ranked

31187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common garden experiments to study local adaptation need to account for population structure. <i>Journal of Ecology</i> , 2022, 110, 1005-1009.	4.0	12
2	Unexpected post-glacial colonisation route explains the white colour of barn owls ( <i>Tyto alba</i> ) from the British Isles. <i>Molecular Ecology</i> , 2022, 31, 482-497.	3.9	11
3	Rank-invariant estimation of inbreeding coefficients. <i>Heredity</i> , 2022, 128, 1-10.	2.6	9
4	Genomic consequences of colonisation, migration and genetic drift in barn owl insular populations of the eastern Mediterranean. <i>Molecular Ecology</i> , 2022, 31, 1375-1388.	3.9	5
5	Landscape and Climatic Variations Shaped Secondary Contacts amid Barn Owls of the Western Palearctic. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	10
6	How HLA diversity is apportioned: influence of selection and relevance to transplantation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200420.	4.0	14
7	Greater topoclimatic control of above- versus below-ground communities. <i>Global Change Biology</i> , 2020, 26, 6715-6728.	9.5	11
8	New genome assembly of the barn owl ( <i>Tyto alba alba</i> ). <i>Ecology and Evolution</i> , 2020, 10, 2284-2298.	1.9	11
9	Female-biased dispersal and non-random gene flow of MC1R variants do not result in a migration load in barn owls. <i>Heredity</i> , 2019, 122, 305-314.	2.6	1
10	QuantiNemo 2: a Swiss knife to simulate complex demographic and genetic scenarios, forward and backward in time. <i>Bioinformatics</i> , 2019, 35, 886-888.	4.1	19
11	The Rocky Mountains as a dispersal barrier between barn owl ( <i>Tyto alba</i> ) populations in North America. <i>Journal of Biogeography</i> , 2018, 45, 1288-1300.	3.0	41
12	Sex-antagonistic genes, $\text{X}\text{Y}$ recombination and feminized Y chromosomes. <i>Journal of Evolutionary Biology</i> , 2018, 31, 416-427.	1.7	18
13	A genetic reconstruction of the invasion of the calanoid copepod <i>Pseudodiaptomus inopinus</i> across the North American Pacific Coast. <i>Biological Invasions</i> , 2018, 20, 1577-1595.	2.4	11
14	The Effect of Balancing Selection on Population Differentiation: A Study with HLA Genes. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2805-2815.	1.8	34
15	How to estimate kinship. <i>Molecular Ecology</i> , 2018, 27, 4121-4135.	3.9	87
16	Complex genetic patterns in human arise from a simple range-expansion model over continental landmasses. <i>PLoS ONE</i> , 2018, 13, e0192460.	2.5	7
17	Phosphorus acquisition efficiency in arbuscular mycorrhizal maize is correlated with the abundance of root-external hyphae and the accumulation of transcripts encoding PHT1 phosphate transporters. <i>New Phytologist</i> , 2017, 214, 632-643.	7.3	210
18	A Unified Characterization of Population Structure and Relatedness. <i>Genetics</i> , 2017, 206, 2085-2103.	2.9	135

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19	Linking genomics and population genetics with R. <i>Molecular Ecology Resources</i> , 2017, 17, 54-66.	4.8	17
20	apex : phylogenetics with multiple genes. <i>Molecular Ecology Resources</i> , 2017, 17, 19-26.	4.8	23
21	Broad-Scale Genetic Diversity of Cannabis for Forensic Applications. <i>PLoS ONE</i> , 2017, 12, e0170522.	2.5	43
22	Sex-specific allelic transmission bias suggests sexual conflict at <i>MC1R</i> . <i>Molecular Ecology</i> , 2016, 25, 4551-4563.	3.9	11
23	The genetic basis of color-related local adaptation in a ring-like colonization around the Mediterranean. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 140-153.	2.3	31
24	Genomic Evidence for Adaptive Inversion Clines in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2016, 33, 1317-1336.	8.9	157
25	Population-specific F values for forensic STR markers: A worldwide survey. <i>Forensic Science International: Genetics</i> , 2016, 23, 91-100.	3.1	73
26	Reconstructing the demographic history of divergence between European river and brook lampreys using approximate Bayesian computations. <i>PeerJ</i> , 2016, 4, e1910.	2.0	25
27	Mapping Bias Overestimates Reference Allele Frequencies at the <i>HLA</i> Genes in the 1000 Genomes Project Phase I Data. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 931-941.	1.8	164
28	How a haemosporidian parasite of bats gets around: the genetic structure of a parasite, vector and host compared. <i>Molecular Ecology</i> , 2015, 24, 926-940.	3.9	34
29	On the transition of genetic differentiation from isolation to panmixia: What we can learn from and. <i>Theoretical Population Biology</i> , 2014, 93, 75-84.	1.1	71
30	Soil fungal communities of grasslands are environmentally structured at a regional scale in the <i>A</i> lps. <i>Molecular Ecology</i> , 2014, 23, 4274-4290.	3.9	125
31	Natural selection in a postglacial range expansion: the case of the colour cline in the European barn owl. <i>Molecular Ecology</i> , 2014, 23, 5508-5523.	3.9	28
32	Wheat alleles introgress into selfing wild relatives: empirical estimates from approximate Bayesian computation in <i>Aegilops triuncialis</i> . <i>Molecular Ecology</i> , 2014, 23, 5089-5101.	3.9	11
33	Plant species distributions along environmental gradients: do belowground interactions with fungi matter?. <i>Frontiers in Plant Science</i> , 2013, 4, 500.	3.6	38
34	Density-based hierarchical clustering of pyro-sequences on a large scale—the case of fungal ITS1. <i>Bioinformatics</i> , 2013, 29, 1268-1274.	4.1	19
35	Peak and Persistent Excess of Genetic Diversity Following an Abrupt Migration Increase. <i>Genetics</i> , 2013, 193, 953-971.	2.9	30
36	Similarity in Food Cleaning Techniques within Matrilineal Wild Vervet Monkeys. <i>PLoS ONE</i> , 2012, 7, e35694.	2.5	63

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37	Local adaptation and matching habitat choice in female barn owls with respect to melanic coloration. <i>Journal of Evolutionary Biology</i> , 2012, 25, 103-114.	1.7	77
38	GENETIC BASIS OF ADAPTATION IN ARABIDOPSIS THALIANA: LOCAL ADAPTATION AT THE SEED DORMANCY QTL DOG1. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2287-2302.	2.3	103
39	Plants and tortoises: mutations in the <i>Arabidopsis</i> jasmonate pathway increase feeding in a vertebrate herbivore. <i>Molecular Ecology</i> , 2012, 21, 2534-2541.	3.9	12
40	Ecology and life history affect different aspects of the population structure of 27 high-alpine plants. <i>Molecular Ecology</i> , 2011, 20, 3144-3155.	3.9	44
41	Fine-scale spatial genetic structure and gene dispersal in <i>Silene latifolia</i> . <i>Heredity</i> , 2011, 106, 13-24.	2.6	47
42	Global Invasion History of the Fire Ant <i>Solenopsis invicta</i> . <i>Science</i> , 2011, 331, 1066-1068.	12.6	372
43	Evolution in heterogeneous populations: From migration models to fixation probabilities. <i>Theoretical Population Biology</i> , 2010, 78, 250-258.	1.1	28
44	LOCAL ADAPTATION MAINTAINS CLINAL VARIATION IN MELANIN-BASED COLORATION OF EUROPEAN BARN OWLS ( <i>TYTO ALBA</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1944-54.	2.3	106
45	Mites as biological tags of their hosts. <i>Molecular Ecology</i> , 2010, 19, 2770-2778.	3.9	31
46	Genetic isolation of insular populations of the Maghrebian bat, <i>Myotis punicus</i> , in the Mediterranean Basin. <i>Journal of Biogeography</i> , 2010, 37, 1557-1569.	3.0	26
47	Inferring recent migration rates from individual genotypes. <i>Molecular Ecology</i> , 2009, 18, 1048-1060.	3.9	32
48	Parallel changes in genetic diversity and species diversity following a natural disturbance. <i>Molecular Ecology</i> , 2009, 18, 1137-1144.	3.9	59
49	Reduced genetic diversity, increased isolation and multiple introductions of invasive giant hogweed in the western Swiss Alps. <i>Molecular Ecology</i> , 2009, 18, 2819-2831.	3.9	53
50	How accurate is the current picture of human genetic variation?. <i>Heredity</i> , 2009, 102, 120-126.	2.6	40
51	CORRELATED EVOLUTION OF MATING STRATEGY AND INBREEDING DEPRESSION WITHIN AND AMONG POPULATIONS OF THE HERMAPHRODITIC SNAIL <i>Physa acuta</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2790-2804.	2.3	27
52	Gender-role alternation in the simultaneously hermaphroditic freshwater snail <i>Physa acuta</i> : not with the same partner. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 713-720.	1.4	11
53	A set of primers for plastid indels and nuclear microsatellites in the invasive plant <i>Heracleum mantegazzianum</i> (Apiaceae) and their transferability to <i>Heracleum sphondylium</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 161-163.	4.8	8
54	quantINemo: an individual-based program to simulate quantitative traits with explicit genetic architecture in a dynamic metapopulation. <i>Bioinformatics</i> , 2008, 24, 1552-1553.	4.1	102

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55	Multivariate $Q \times F$ Comparisons: A Neutrality Test for the Evolution of the G Matrix in Structured Populations. <i>Genetics</i> , 2008, 180, 2135-2149.	2.9	62
56	Effects of Selection and Drift on G Matrix Evolution in a Heterogeneous Environment: A Multivariate $Q \times F$ Test With the Freshwater Snail <i>Galba truncatula</i> . <i>Genetics</i> , 2008, 180, 2151-2161.	2.9	25
57	Under Neutrality, $QST \approx FST$ When There Is Dominance in an Island Model. <i>Genetics</i> , 2007, 176, 1371-1374.	2.9	48
58	A step-by-step tutorial to use HierFstat to analyse populations hierarchically structured at multiple levels. <i>Infection, Genetics and Evolution</i> , 2007, 7, 731-735.	2.3	74
59	SEX-BIASED DISPERSAL IN A MIGRATORY BAT: A CHARACTERIZATION USING SEX-SPECIFIC DEMOGRAPHIC PARAMETERS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 55, 635-640.	2.3	8
60	Reliable selfing rate estimates from imperfect population genetic data. <i>Molecular Ecology</i> , 2007, 16, 2474-2487.	3.9	338
61	High quantitative and no molecular differentiation of a freshwater snail ( <i>Galba truncatula</i> ) between temporary and permanent water habitats. <i>Molecular Ecology</i> , 2007, 16, 3484-3496.	3.9	34
62	Effect of mating history on gender preference in the hermaphroditic snail <i>Physa acuta</i> . <i>Animal Behaviour</i> , 2007, 74, 1455-1461.	1.9	14
63	Going the distance: human population genetics in a clinal world. <i>Trends in Genetics</i> , 2007, 23, 432-439.	6.7	213
64	Evolutionary aspects of population structure for molecular and quantitative traits in the freshwater snail <i>Radix balthica</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1071-1082.	1.7	29
65	Inbreeding effects on progeny sex ratio and gender variation in the gynodioecious <i>Silene vulgaris</i> (Caryophyllaceae). <i>New Phytologist</i> , 2006, 172, 763-773.	7.3	24
66	Variation in the intensity of inbreeding depression among successive life-cycle stages and generations in gynodioecious <i>Silene vulgaris</i> (Caryophyllaceae). <i>Journal of Evolutionary Biology</i> , 2006, 19, 1995-2005.	1.7	28
67	Experimental evidence of inbreeding avoidance in the hermaphroditic snail <i>Physa acuta</i> . <i>Evolutionary Ecology</i> , 2006, 20, 395-406.	1.2	36
68	Proximity-dependent Pollen Performance in <i>Silene vulgaris</i> . <i>Annals of Botany</i> , 2006, 98, 431-437.	2.9	17
69	The Effects of Dominance, Regular Inbreeding and Sampling Design on $QST$ , an Estimator of Population Differentiation for Quantitative Traits. <i>Genetics</i> , 2006, 172, 1337-1347.	2.9	106
70	hierfstat, a package for r to compute and test hierarchical F-statistics. <i>Molecular Ecology Notes</i> , 2005, 5, 184-186.	1.7	1,852
71	Detecting the number of clusters of individuals using the software structure: a simulation study. <i>Molecular Ecology</i> , 2005, 14, 2611-2620.	3.9	18,555
72	Heterozygote advantage and the maintenance of polymorphism for multilocus traits. <i>Theoretical Population Biology</i> , 2005, 68, 157-166.	1.1	6

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73	High genetic variability and low local diversity in a population of arbuscular mycorrhizal fungi. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2369-2374.	7.1	188
74	Synergistic epistasis and alternative hypotheses. Journal of Evolutionary Biology, 2004, 17, 1400-1401.	1.7	4
75	Ecological components and evolution of selfing in the freshwater snail <i>Galba truncatula</i> . Journal of Evolutionary Biology, 2004, 18, 358-370.	1.7	40
76	Isolation and characterization of highly polymorphic microsatellite loci in the bladder campion, <i>Silene vulgaris</i> (Caryophyllaceae). Molecular Ecology Notes, 2003, 3, 358-359.	1.7	13
77	EVOLUTIONARY IMPLICATIONS OF A HIGH SELFING RATE IN THE FRESHWATER SNAIL <i>LYMNAEA TRUNCATULA</i> . Evolution; International Journal of Organic Evolution, 2003, 57, 2303-2314.	2.3	48
78	THE ADDITIVE GENETIC VARIANCE AFTER BOTTLENECKS IS AFFECTED BY THE NUMBER OF LOCI INVOLVED IN EPISTATIC INTERACTIONS. Evolution; International Journal of Organic Evolution, 2003, 57, 706-716.	2.3	55
79	EVOLUTIONARY IMPLICATIONS OF A HIGH SELFING RATE IN THE FRESHWATER SNAIL <i>LYMNAEA TRUNCATULA</i> . Evolution; International Journal of Organic Evolution, 2003, 57, 2303.	2.3	45
80	THE ADDITIVE GENETIC VARIANCE AFTER BOTTLENECKS IS AFFECTED BY THE NUMBER OF LOCI INVOLVED IN EPISTATIC INTERACTIONS. Evolution; International Journal of Organic Evolution, 2003, 57, 706.	2.3	11
81	Evolutionary implications of a high selfing rate in the freshwater snail <i>Lymnaea truncatula</i> . Evolution; International Journal of Organic Evolution, 2003, 57, 2303-14.	2.3	10
82	The correlation between inbreeding and fitness: does allele size matter?. Trends in Ecology and Evolution, 2002, 17, 201-202.	8.7	35
83	Statistical properties of population differentiation estimators under stepwise mutation in a finite island model. Molecular Ecology, 2002, 11, 771-783.	3.9	156
84	Tests for sex-biased dispersal using bi-parentally inherited genetic markers. Molecular Ecology, 2002, 11, 1103-1114.	3.9	474
85	Geographical and altitudinal population genetic structure of two dung fly species with contrasting mobility and temperature preference. Heredity, 2002, 89, 99-106.	2.6	63
86	SEX-BIASED DISPERSAL IN A MIGRATORY BAT: A CHARACTERIZATION USING SEX-SPECIFIC DEMOGRAPHIC PARAMETERS. Evolution; International Journal of Organic Evolution, 2001, 55, 635.	2.3	243
87	Microsatellites in the hermaphroditic snail, <i>Lymnaea truncatula</i> , intermediate host of the liver fluke, <i>Fasciola hepatica</i> . Molecular Ecology, 2000, 9, 1662-1664.	3.9	32
88	MICROSATELLITES CAN BE MISLEADING: AN EMPIRICAL AND SIMULATION STUDY. Evolution; International Journal of Organic Evolution, 2000, 54, 1414-1422.	2.3	256
89	MICROSATELLITES CAN BE MISLEADING: AN EMPIRICAL AND SIMULATION STUDY. Evolution; International Journal of Organic Evolution, 2000, 54, 1414.	2.3	20
90	Genetic structure of the genus <i>Leptospira</i> by multilocus enzyme electrophoresis. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 231-238.	1.7	12

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91	Do riverine barriers, history or introgression shape the genetic structuring of a common shrew ( <i>Sorex araneus</i> ) population?. <i>Heredity</i> , 1999, 83, 155-161.	2.6	46
92	Hierarchical analyses of genetic differentiation in a hybrid zone of <i>Sorex araneus</i> (Insectivora). <i>Tj ETQq0 0 0 rgBT /Overclock 10 Tf 50 702</i>	3.9	64
93	An Improved Procedure for Testing the Effects of Key Innovations on Rate of Speciation. <i>American Naturalist</i> , 1999, 153, 549-555.	2.1	27
94	Restricted gene flow and subpopulation differentiation in <i>Silene dioica</i> . <i>Heredity</i> , 1998, 80, 715-723.	2.6	44
95	Breeding System and Genetic Variance in the Monogamous, Semi-Social Shrew, <i>Crociodura russula</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1230.	2.3	24
96	Rate of gene sequence evolution and species diversification in flowering plants: a re-evaluation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 603-607.	2.6	22
97	Microsatellite conservation, polymorphism, and GC content in shrews of the genus <i>Sorex</i> (Insectivora, Mammalia). <i>Molecular Biology and Evolution</i> , 1998, 15, 473-475.	8.9	56
98	BREEDING SYSTEM AND GENETIC VARIANCE IN THE MONOGAMOUS, SEMI-SOCIAL SHREW, <i>CROCIDURA RUSSULA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1230-1235.	2.3	35
99	Genetic Differentiation in <i>Silene dioica</i> Metapopulations: Estimation of Spatiotemporal Effects in a Successional Plant Species. <i>American Naturalist</i> , 1997, 149, 507-526.	2.1	161
100	MICROSATELLITES REVEAL HIGH POPULATION VISCOSITY AND LIMITED DISPERSAL IN THE ANT <i>FORMICA PARALUGUBRIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 475-482.	2.3	111
101	Microsatellites Reveal High Population Viscosity and Limited Dispersal in the Ant <i>Formica paralugubris</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 475.	2.3	57
102	Female-biased dispersal in the monogamous mammal <i>Crociodura russula</i> : evidence from field data and microsatellite patterns.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 127-132.	2.6	321
103	Genetic differentiation of continental and island populations of <i>Bombus terrestris</i> (Hymenoptera: Apidae) in Europe. <i>Molecular Ecology</i> , 1996, 5, 19-31.	3.9	266
104	Genetic structure of a linear population of <i>Beta vulgaris</i> ssp. <i>maritima</i> (sea beet) revealed by isozyme and RFLP analysis. <i>Heredity</i> , 1996, 76, 111-117.	2.6	31
105	Study of Gene Flow Through a Hybrid Zone in the Common Shrew ( <i>Sorex Araneus</i> ) Using Microsatellites. <i>Hereditas</i> , 1996, 125, 159-168.	1.4	31
106	Testing Differentiation in Diploid Populations. <i>Genetics</i> , 1996, 144, 1933-1940.	2.9	1,115
107	Typing <i>Candida albicans</i> oral isolates from human immunodeficiency virus-infected patients by multilocus enzyme electrophoresis and DNA fingerprinting. <i>Journal of Clinical Microbiology</i> , 1996, 34, 1235-1248.	3.9	71
108	FSTAT (Version 1.2): A Computer Program to Calculate F-Statistics. <i>Journal of Heredity</i> , 1995, 86, 485-486.	2.4	6,947