Patsy Haccou

List of Publications by Year
in descending order

46 papers	1,595 citations	394421 19 h-index	361022 35 g-index
57 all docs	57 docs citations	57 times ranked	1578 citing authors

#	Article	IF	Citations
1	Establishment versus population growth in spatio-temporally varying environments. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202009.	2.6	1
2	Quantifying stochastic introgression processes in random environments with hazard rates. Theoretical Population Biology, 2015, 100, 1-5.	1.1	2
3	Repeated triggering of sporulation in <i>Bacillus subtilis</i> selects against a protein that affects the timing of cell division. ISME Journal, 2014, 8, 77-87.	9.8	16
4	Introgression of Crop Alleles into Wild or Weedy Populations. Annual Review of Ecology, Evolution, and Systematics, 2013, 44, 325-345.	8.3	169
5	Quantifying introgression risk with realistic population genetics. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4747-4754.	2.6	13
6	Optimal resource allocation in a serotinous nonâ€resprouting plant species under different fire regimes. Journal of Ecology, 2012, 100, 1464-1474.	4.0	22
7	Interspecific and intraspecific differences in habitat use and their conservation implications for Palaearctic harriers on Sahelian wintering grounds. Ibis, 2012, 154, 96-110.	1.9	20
8	Quantifying time-inhomogeneous stochastic introgression processes with hazard rates. Theoretical Population Biology, 2012, 81, 253-263.	1.1	4
9	Bet hedging or not? A guide to proper classification of microbial survival strategies. BioEssays, 2011, 33, 215-223.	2.5	154
10	Stochasticity in the adaptive dynamics of evolution: the bare bones. Journal of Biological Dynamics, 2011, 5, 147-162.	1.7	22
11	Quantifying stochastic introgression processes with hazard rates. Theoretical Population Biology, 2010, 77, 171-180.	1.1	9
12	Evolution of cannibalism and femaleâ€™s response to ovipositionâ€deterring pheromone in aphidophagous predators. Journal of Animal Ecology, 2009, 78, 964-972.	2.8	17
13	Dynamics of escape mutants. Theoretical Population Biology, 2007, 72, 167-178.	1.1	38
14	Introgression of resistance genes between populations: A model study of insecticide resistance in Bemisia tabaci. Theoretical Population Biology, 2007, 72, 292-304.	1.1	7
15	Optimal conservation strategy in fluctuating environments with species interactions: Resource-enhancement of the native species versus extermination of the alien species. Journal of Theoretical Biology, 2007, 244, 46-58.	1.7	7
16	The effect of autocorrelation in environmental variability on the persistence of populations: an experimental test. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2143-2148.	2.6	50
17	LEARNING AND COLONIZATION OF NEW NICHES: A FIRST STEP TOWARD SPECIATION. Evolution; International Journal of Organic Evolution, 2004, 58, 35.	2.3	4
18	Modes of Reproduction and the Accumulation of Deleterious Mutations With Multiplicative Fitness Effects. Genetics, 2004, 166, 1093-1104.	2.9	28

#	ARTICLE	IF	CITATIONS
19	Multiple-year optimization of conservation effort and monitoring effort for a fluctuating population. Journal of Theoretical Biology, 2004, 230, 157-171.	1.7	17
20	Modes of Reproduction and the Accumulation of Deleterious Mutations With Multiplicative Fitness Effects. Genetics, 2004, 166, 1093-1104.	2.9	3
21	Conservation effort and assessment of population size in fluctuating environments. Journal of Theoretical Biology, 2003, 224, 167-182.	1.7	10
22	Patch leaving strategies and superparasitism: an asymmetric generalized war of attrition. Journal of Theoretical Biology, 2003, 225, 77-89.	1.7	18
23	Optimal choice between feedforward and feedback control in gene expression to cope with unpredictable danger. Journal of Theoretical Biology, 2003, 223, 149-160.	1.7	21
24	Establishment success and extinction risk in autocorrelated environments. Theoretical Population Biology, 2003, 64, 303-314.	1.1	31
25	The ESS in an Asymmetric Generalized War of Attrition with Mistakes in Role Perception. Journal of Theoretical Biology, 2002, 214, 329-349.	1.7	10
26	Effects of parental survival on clutch size decisions in fluctuating environments. Evolutionary Ecology, 1998, 12, 459-475.	1.2	9
27	Robustness of optimal mixed strategies. Journal of Mathematical Biology, 1998, 36, 485-496.	1.9	11
28	Establishment Probability in Fluctuating Environments: A Branching Process Model. Theoretical Population Biology, 1996, 50, 254-280.	1.1	65
29	Starlings (Sturnus vulgaris) exploiting patches: response to long-term changes in travel time. Behavioral Ecology, 1994, 5, 81-90.	2.2	42
30	ESS emergence pattern of male butterflies in stochastic environments. Evolutionary Ecology, 1994, 8, 503-523.	1.2	38
31	A war of attrition between larvae on the same host plant: Stay and starve or leave and be eaten?. Evolutionary Ecology, 1994, 8, 269-287.	1.2	8
32	On the Shapiro-Wilk Test and Darling's Test for Exponentiality. Biometrics, 1994, 50, 527.	1.4	3
33	Information Determines the Optimal Clutch Sizes of Competing Insects: Stackelberg Versus Nash Equilibrium. Journal of Theoretical Biology, 1993, 163, 473-483.	1.7	6
34	Effects of Intra-Patch Experiences on Patch Time, Search Time and Searching Efficiency of the Parasitoid Leptopilina clavipes. Journal of Animal Ecology, 1993, 62, 33.	2.8	79
35	Methodological problems in evolutionary biology. Acta Biotheoretica, 1992, 40, 285-295.	1.5	7
36	When did it really start or stop: the impact of censored observations on the analysis of duration. Behavioural Processes, 1991, 23, 1-20.	1.1	30

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37	Information Processing by Foragers: Effects of Intra-Patch Experience on the Leaving Tendency of Leptopilina heterotoma. Journal of Animal Ecology, 1991, 60, 93.	2.8	87
38	Non-parametric testing for the number of change points in a sequence of independent random variables. Journal of Statistical Computation and Simulation, 1991, 39, 129-137.	1.2	6
39	Starlings exploiting patches: the effect of recent experience on foraging decisions. Animal Behaviour, 1990, 40, 625-640.	1.9	123
40	Detection of time-inhomogeneity in behavioural processes: tests for multiple abrupt changes in boutlengths. Behavioural Processes, 1990, 22, 121-132.	1.1	1
41	Markov models for social interactions: analysis of electrical stimulation in the hypothalamic aggression area of rats. Animal Behaviour, 1988, 36, 1145-1163.	1.9	23
42	Detection of low dose effects of psychopharmaca: Application of a semi-Marcov model to rhesus monkey behaviour. Behavioural Processes, 1988, 17, 145-166.	1.1	1
43	Testing for the number of change points in a sequence of exponential random variables. Journal of Statistical Computation and Simulation, 1988, 30, 285-298.	1.2	16
44	The likelihood ratio test for the change point problem for exponentially distributed random variables. Stochastic Processes and Their Applications, 1987, 27, 121-139.	0.9	27
45	On the analysis of time-inhomogeneity in Markov chains: a refined test for abrupt behavioural changes. Animal Behaviour, 1986, 34, 302-303.	1.9	2
46	Analysis of time-inhomogeneity in Markov chains applied to mother-infant interactions of rhesus monkeys. Animal Behaviour, 1983, 31, 927-945.	1.9	32