

Jarle Tufto

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,485
citations

304743

22
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic evolution, plasticity, and bet-hedging as adaptive responses to temporally autocorrelated fluctuating selection: A quantitative genetic model. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2034-2049.	2.3	163
2	Stochastic Dispersal Processes in Plant Populations. <i>Theoretical Population Biology</i> , 1997, 52, 16-26.	1.1	128
3	Lifetime reproductive success in relation to morphology in the house sparrow <i>Passer domesticus</i> . <i>Journal of Animal Ecology</i> , 2004, 73, 599-611.	2.8	85
4	ASYNCHRONOUS SPATIOTEMPORAL DEMOGRAPHY OF A HOUSE SPARROW METAPOPOPULATION IN A CORRELATED ENVIRONMENT. <i>Ecology</i> , 2002, 83, 561-569.	3.2	82
5	Effects of Releasing Maladapted Individuals: A Demographic Evolutionary Model. <i>American Naturalist</i> , 2001, 158, 331-340.	2.1	75
6	Estimating the variation, autocorrelation, and environmental sensitivity of phenotypic selection. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2319-2332.	2.3	74
7	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978.	7.1	69
8	Quantitative genetic models for the balance between migration and stabilizing selection. <i>Genetical Research</i> , 2000, 76, 285-293.	0.9	57
9	A Parametric Model for Estimation of Dispersal Patterns Applied to Five Passerine Spatially Structured Populations. <i>American Naturalist</i> , 2005, 165, E13-E26.	2.1	55
10	Spatial models of pollen dispersal in the forage grass meadow fescue. <i>Evolutionary Ecology</i> , 1998, 12, 487.	1.2	46
11	Genetic variation and structure of house sparrow populations: is there an island effect?. <i>Molecular Ecology</i> , 2013, 22, 1792-1805.	3.9	45
12	Inferring Patterns of Migration From Gene Frequencies Under Equilibrium Conditions. <i>Genetics</i> , 1996, 144, 1911-1921.	2.9	44
13	Effective size in management and conservation of subdivided populations. <i>Journal of Theoretical Biology</i> , 2003, 222, 273-281.	1.7	42
14	Dispersal of introduced house sparrows <i>Passer domesticus</i> : an experiment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1763-1771.	2.6	42
15	Natural selection acts on Atlantic salmon major histocompatibility (MH) variability in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 861-869.	2.6	42
16	Generic ecological impact assessments of alien species in Norway: a semi-quantitative set of criteria. <i>Biodiversity and Conservation</i> , 2013, 22, 37-62.	2.6	38
17	Estimating Brownian motion dispersal rate, longevity and population density from spatially explicit mark-recapture data on tropical butterflies. <i>Journal of Animal Ecology</i> , 2012, 81, 756-769.	2.8	37
18	Analysis of Genetic Structure and Dispersal Patterns in a Population of Sea Beet. <i>Genetics</i> , 1998, 149, 1975-1985.	2.9	30

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19	Conservation of genetic variation in harvested salmon populations. ICES Journal of Marine Science, 2004, 61, 1389-1397.	2.5	28
20	Dispersal patterns in a harvested willow ptarmigan population. Journal of Applied Ecology, 2005, 42, 453-459.	4.0	28
21	COMPARISON OF NON-GAUSSIAN QUANTITATIVE GENETIC MODELS FOR MIGRATION AND STABILIZING SELECTION. Evolution; International Journal of Organic Evolution, 2012, 66, 3444-3461.	2.3	27
22	Environmental drivers of varying selective optima in a small passerine: A multivariate, multiepisodic approach. Evolution; International Journal of Organic Evolution, 2018, 72, 2325-2342.	2.3	25
23	GENE FLOW FROM DOMESTICATED SPECIES TO WILD RELATIVES: MIGRATION LOAD IN A MODEL OF MULTIVARIATE SELECTION. Evolution; International Journal of Organic Evolution, 2010, 64, 180-192.	2.3	24
24	Short-term insurance versus long-term betahedging strategies as adaptations to variable environments. Evolution; International Journal of Organic Evolution, 2019, 73, 145-157.	2.3	23
25	Harvesting strategies for conserving minimum viable populations based on World Conservation Union criteria: brown bears in Norway. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 961-967.	2.6	21
26	Domestication and fitness in the wild: A multivariate view. Evolution; International Journal of Organic Evolution, 2017, 71, 2262-2270.	2.3	21
27	Effective size of an Atlantic salmon (<i>Salmo salar</i> L.) metapopulation in Northern Spain. Conservation Genetics, 2010, 11, 1559-1565.	1.5	20
28	Bayesian meta-analysis of demographic parameters in three small, temperate passerines. Oikos, 2000, 88, 273-281.	2.7	19
29	Does selection or genetic drift explain geographic differentiation of morphological characters in house sparrows (<i>Passer domesticus</i>)?. Genetical Research, 2011, 93, 367-379.	0.9	19
30	Varying disease-mediated selection at different life history stages of Atlantic salmon in fresh water. Evolutionary Applications, 2011, 4, 749-762.	3.1	15
31	Butterfly dispersal across Amazonia and its implication for biogeography. Ecography, 2015, 38, 410-418.	4.5	15
32	Temporal and spatial variation in prevalence of the parasite <i>Syngamus trachea</i> in a metapopulation of house sparrows (<i>Passer domesticus</i>). Parasitology, 2013, 140, 1275-1286.	1.5	14
33	Endoparasite Infection Has Both Short- and Long-Term Negative Effects on Reproductive Success of Female House Sparrows, as Revealed by Faecal Parasitic Egg Counts. PLoS ONE, 2015, 10, e0125773.	2.5	14
34	Should wildlife biologists use free software?. Wildlife Biology, 2005, 11, 67-76.	1.4	11
35	Modelling wild-domestic interbreeding: How selection on a quantitative trait affects gene flow at a neutral locus. Journal of Theoretical Biology, 2013, 332, 42-51.	1.7	4
36	A time-series model for estimating temporal variation in phenotypic selection on laying dates in a Dutch great tit population. Methods in Ecology and Evolution, 2019, 10, 1401-1411.	5.2	2

#	ARTICLE	IF	CITATIONS
37	Improper priors and improper posteriors. Scandinavian Journal of Statistics, 0, , .	1.4	0