

Juha Meril

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23,647
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#	Paper	IF	Citations
4 ²¹	Climate change and evolution: disentangling environmental and genetic responses. <i>Molecular Ecology</i> , 2008 , 17, 167-78	5.7	804
4 ²⁰	Comparison of genetic differentiation at marker loci and quantitative traits. <i>Journal of Evolutionary Biology</i> , 2001 , 14, 892-903	2.3	716
4 ¹⁹	Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. <i>Evolutionary Applications</i> , 2014 , 7, 1-14	4.8	710
4 ¹⁸	Ecological genomics of local adaptation. <i>Nature Reviews Genetics</i> , 2013 , 14, 807-20	30.1	710
4 ¹⁷	Heritable variation and evolution under favourable and unfavourable conditions. <i>Trends in Ecology and Evolution</i> , 1999 , 14, 96-101	10.9	551
4 ¹⁶	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. <i>Heredity</i> , 1999 , 83 (Pt 2), 103-9	3.6	356
4 ¹⁵	Detecting and managing fisheries-induced evolution. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 652-9	10.9	354
4 ¹⁴	Comparative studies of quantitative trait and neutral marker divergence: a meta-analysis. <i>Journal of Evolutionary Biology</i> , 2008 , 21, 1-17	2.3	348
4 ¹³	Explaining stasis: microevolutionary studies in natural populations. <i>Genetica</i> , 2001 , 112/113, 199-222	1.5	321
4 ¹²	Lifetime Reproductive Success and Heritability in Nature. <i>American Naturalist</i> , 2000 , 155, 301-310	3.7	276
4 ¹¹	Senescence rates are determined by ranking on the fast-slow life-history continuum. <i>Ecology Letters</i> , 2008 , 11, 664-73	10	268
4 ¹⁰	Q(ST)-F(ST) comparisons: evolutionary and ecological insights from genomic heterogeneity. <i>Nature Reviews Genetics</i> , 2013 , 14, 179-90	30.1	267
4 ⁰⁹	Climatic effects on breeding and morphology: evidence for phenotypic plasticity. <i>Journal of Animal Ecology</i> , 2000 , 69, 395-403	4.7	246
4 ⁰⁸	Latitudinal countergradient variation in the common frog (<i>Rana temporaria</i>) development rates--evidence for local adaptation. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 996-1005	2.3	226
4 ⁰⁷	A first-generation microsatellite-based genetic linkage map of the Siberian jay (<i>Perisoreus infaustus</i>): insights into avian genome evolution. <i>BMC Genomics</i> , 2009 , 10, 1	4.5	223
4 ⁰⁶	Natural selection and inheritance of breeding time and clutch size in the collared flycatcher. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 406-20	3.8	216
4 ⁰⁵	Cryptic evolution in a wild bird population. <i>Nature</i> , 2001 , 412, 76-9	50.4	212

404	Paternal genetic contribution to offspring condition predicted by size of male secondary sexual character. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997 , 264, 297-302	4.4	210
403	Do amphibians follow Bergmann's rule?. <i>Canadian Journal of Zoology</i> , 2002 , 80, 708-716	1.5	202
402	Phenotypic selection on a heritable size trait revisited. <i>American Naturalist</i> , 2001 , 158, 557-71	3.7	187
401	Contrasting patterns of body shape and neutral genetic divergence in marine and lake populations of threespine sticklebacks. <i>Journal of Evolutionary Biology</i> , 2006 , 19, 1803-12	2.3	171
400	Latitudinal divergence of common frog (<i>Rana temporaria</i>) life history traits by natural selection: evidence from a comparison of molecular and quantitative genetic data. <i>Molecular Ecology</i> , 2003 , 12, 1963-78	5.7	165
399	Severe inbreeding depression in collared flycatchers (<i>Ficedula albicollis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 1581-9	4.4	152
398	Bergmann's rule and climate change revisited: disentangling environmental and genetic responses in a wild bird population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13492-6	11.5	149
397	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019 , 10, 3109	17.4	141
396	Bias and precision in QST estimates: problems and some solutions. <i>Genetics</i> , 2005 , 171, 1331-9	4	141
395	Fluctuating Asymmetry and Measurement Error. <i>Systematic Biology</i> , 1995 , 44, 97-101	8.4	138
394	Generation time and temporal scaling of bird population dynamics. <i>Nature</i> , 2005 , 436, 99-102	50.4	136
393	Adaptive phenotypic plasticity and genetics of larval life histories in two <i>Rana temporaria</i> populations. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 617-27	3.8	131
392	NATURAL SELECTION AND GENETIC VARIATION FOR REPRODUCTIVE REACTION NORMS IN A WILD BIRD POPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 1362-1371	3.8	128
391	Natural selection on the genetical component of variance in body condition in a wild bird population. <i>Journal of Evolutionary Biology</i> , 2001 , 14, 918-929	2.3	128
390	Single-generation estimates of individual fitness as proxies for long-term genetic contribution. <i>American Naturalist</i> , 2004 , 163, 505-17	3.7	123
389	Evolution in response to climate change: in pursuit of the missing evidence. <i>BioEssays</i> , 2012 , 34, 811-8	4.1	121
388	Responses to climate change in avian migration time? microevolution versus phenotypic plasticity. <i>Climate Research</i> , 2007 , 35, 25-35	1.6	119
387	Identifying footprints of directional and balancing selection in marine and freshwater three-spined stickleback (<i>Gasterosteus aculeatus</i>) populations. <i>Molecular Ecology</i> , 2008 , 17, 3565-82	5.7	116

386	Does habitat fragmentation reduce fitness and adaptability? A case study of the common frog (<i>Rana temporaria</i>). <i>Molecular Ecology</i> , 2007 , 16, 2693-700	5.7	111
385	Life-History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. <i>American Naturalist</i> , 2004 , 164, 793-802	3.7	109
384	Mitochondrial DNA phylogeography of the three-spined stickleback (<i>Gasterosteus aculeatus</i>) in Europe-evidence for multiple glacial refugia. <i>Molecular Phylogenetics and Evolution</i> , 2008 , 46, 167-82	4.1	108
383	Genetic relationships among marine and freshwater populations of the European three-spined stickleback (<i>Gasterosteus aculeatus</i>) revealed by microsatellites. <i>Molecular Ecology</i> , 2006 , 15, 1519-34	5.7	107
382	GENDER AND ENVIRONMENTAL SENSITIVITY IN NESTLING COLLARED FLYCATCHERS. <i>Ecology</i> , 1998 , 79, 1939-1948	4.6	107
381	Rhh: an R extension for estimating multilocus heterozygosity and heterozygosity-heterozygosity correlation. <i>Molecular Ecology Resources</i> , 2010 , 10, 720-2	8.4	101
380	High degree of population subdivision in a widespread amphibian. <i>Molecular Ecology</i> , 2004 , 13, 2631-44	5.7	100
379	Predation mediated population divergence in complex behaviour of nine-spined stickleback (<i>Pungitius pungitius</i>). <i>Journal of Evolutionary Biology</i> , 2009 , 22, 544-52	2.3	97
378	HISTORICAL DEMOGRAPHY AND PRESENT DAY POPULATION STRUCTURE OF THE GREENFINCH, <i>CARDUEUS CHLORIS</i> -AN ANALYSIS OF mtDNA CONTROL-REGION SEQUENCES. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 946-956	3.8	95
377	Reproductive timing and individual fitness. <i>Ecology Letters</i> , 2002 , 5, 802-810	10	94
376	Factors affecting avian cross-species microsatellite amplification. <i>Journal of Avian Biology</i> , 2005 , 36, 348-360	3.6	92
375	Population genomic evidence for adaptive differentiation in Baltic Sea three-spined sticklebacks. <i>BMC Biology</i> , 2015 , 13, 19	7.3	91
374	Habitat-dependent and -independent plastic responses to social environment in the nine-spined stickleback (<i>Pungitius pungitius</i>) brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 2085-92	4.4	89
373	History vs. habitat type: explaining the genetic structure of European nine-spined stickleback (<i>Pungitius pungitius</i>) populations. <i>Molecular Ecology</i> , 2010 , 19, 1147-61	5.7	87
372	Construction of Ultradense Linkage Maps with Lep-MAP2: Stickleback F2 Recombinant Crosses as an Example. <i>Genome Biology and Evolution</i> , 2015 , 8, 78-93	3.9	86
371	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, <i>RANA ARVALIS</i> . I. LOCAL ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 352	3.8	86
370	Genetic Variation in Offspring Condition: An Experiment. <i>Functional Ecology</i> , 1996 , 10, 465	5.6	85
369	Explaining stasis: microevolutionary studies in natural populations. <i>Genetica</i> , 2001 , 112-113, 199-222	1.5	85

368	Global analysis of genes involved in freshwater adaptation in threespine sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 1800-7	3.8	84
367	A high incidence of selection on physiologically important genes in the three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Molecular Biology and Evolution</i> , 2011 , 28, 181-93	8.3	84
366	Maternal investment in egg size: environment- and population-specific effects on offspring performance. <i>Oecologia</i> , 2005 , 142, 546-53	2.9	84
365	High degree of cryptic population differentiation in the Baltic Sea herring <i>Clupea harengus</i> . <i>Molecular Ecology</i> , 2013 , 22, 2931-40	5.7	83
364	Evolutionary ecology of intraspecific brain size variation: a review. <i>Ecology and Evolution</i> , 2013 , 3, 2751-648	6.48	83
363	A new method to uncover signatures of divergent and stabilizing selection in quantitative traits. <i>Genetics</i> , 2011 , 189, 621-32	4	81
362	Geographic and individual variation in haematozoan infections in the greenfinch, <i>Carduelis chloris</i> . <i>Canadian Journal of Zoology</i> , 1995 , 73, 1798-1804	1.5	80
361	Predator-induced plasticity in early life history and morphology in two anuran amphibians. <i>Oecologia</i> , 2002 , 132, 524-530	2.9	78
360	Maternal and genetic contributions to geographical variation in <i>Rana temporaria</i> larval life-history traits. <i>Biological Journal of the Linnean Society</i> , 2002 , 76, 61-70	1.9	77
359	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, <i>RANA ARVALIS</i> . I. LOCAL ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 352-362	3.8	77
358	When environmental variation short-circuits natural selection. <i>Trends in Ecology and Evolution</i> , 2003 , 18, 207-209	10.9	76
357	Characterizing genic and nongenic molecular markers: comparison of microsatellites and SNPs. <i>Molecular Ecology Resources</i> , 2013 , 13, 377-92	8.4	75
356	Adaptive brain size divergence in nine-spined sticklebacks (<i>Pungitius pungitius</i>)?. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 1721-6	2.3	75
355	The influence of landscape structure on occurrence, abundance and genetic diversity of the common frog, <i>Rana temporaria</i> . <i>Global Change Biology</i> , 2005 , 11, 1664-1679	11.4	75
354	Genetic variation and causes of genotype-environment interaction in the body size of blue tit (<i>Parus caeruleus</i>). <i>Genetics</i> , 1998 , 148, 1233-44	4	75
353	Progressive recombination suppression and differentiation in recently evolved neo-sex chromosomes. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1131-44	8.3	74
352	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 581-589	5.89	72
351	Evolution of gigantism in nine-spined sticklebacks. <i>Evolution; International Journal of Organic Evolution</i> , 2009 , 63, 3190-200	3.8	71

350	Plasticity in age and size at metamorphosis in <i>Rana temporaria</i> - comparison of high and low latitude populations. <i>Ecography</i> , 2000 , 23, 457-465	6.5	71
349	Interspecific Competition for Nest Holes Causes Adult Mortality in the Collared Flycatcher. <i>Condor</i> , 1995 , 97, 445-450	2.1	71
348	Female-biased expression on the X chromosome as a key step in sex chromosome evolution in threespine sticklebacks. <i>Molecular Biology and Evolution</i> , 2010 , 27, 1495-503	8.3	70
347	Population differentiation in G matrix structure due to natural selection in <i>Rana temporaria</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2013-20	3.8	70
346	Carry-over effects of ultraviolet-B radiation on larval fitness in <i>Rana temporaria</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 1699-706	4.4	70
345	Population variation in brain size of nine-spined sticklebacks (<i>Pungitius pungitius</i>)--local adaptation or environmentally induced variation?. <i>BMC Evolutionary Biology</i> , 2011 , 11, 75	3	69
344	Temporal variation in predation risk: stage-dependency, graded responses and fitness costs in tadpole antipredator defences. <i>Oikos</i> , 2004 , 107, 90-99	4	69
343	Molt and Migratory Condition in Blue Tits: A Serological Study. <i>Condor</i> , 1996 , 98, 825-831	2.1	68
342	EXPRESSION OF GENETIC VARIATION IN BODY SIZE OF THE COLLARED FLYCATCHER UNDER DIFFERENT ENVIRONMENTAL CONDITIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 526-536	3.8	68
341	Comparison of nitrate tolerance between different populations of the common frog, <i>Rana temporaria</i> . <i>Aquatic Toxicology</i> , 2001 , 54, 1-14	5.1	68
340	QUANTITATIVE GENETICS OF SEXUAL SIZE DIMORPHISM IN THE COLLARED FLYCATCHER, <i>FICEDULA ALBICOLLIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 870-876	3.8	68
339	Population divergence and morphometric integration in the greenfinch (<i>Carduelis chloris</i>) □ evolution against the trajectory of least resistance?. <i>Journal of Evolutionary Biology</i> , 1999 , 12, 103-112	2.3	68
338	Molecular evolutionary and population genomic analysis of the nine-spined stickleback using a modified restriction-site-associated DNA tag approach. <i>Molecular Ecology</i> , 2013 , 22, 565-82	5.7	67
337	History vs. current demography: explaining the genetic population structure of the common frog (<i>Rana temporaria</i>). <i>Molecular Ecology</i> , 2006 , 15, 975-83	5.7	67
336	Heterogeneous Genomic Differentiation in marine threespine sticklebacks: adaptation along an environmental gradient. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 2530-46	3.8	64
335	Heritability of fitness components in a wild bird population. <i>Evolution; International Journal of Organic Evolution</i> , 2009 , 63, 716-26	3.8	64
334	Environmental and population dependency of genetic variability-fitness correlations in <i>Rana temporaria</i> . <i>Molecular Ecology</i> , 2005 , 14, 311-23	5.7	64
333	Extraordinarily rapid speciation in a marine fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6074-6079	11.5	63

332	Variation in the degree and costs of adaptive phenotypic plasticity among <i>Rana temporaria</i> populations. <i>Journal of Evolutionary Biology</i> , 2004 , 17, 1132-40	2.3	60
331	Oceanographic connectivity and environmental correlates of genetic structuring in Atlantic herring in the Baltic Sea. <i>Evolutionary Applications</i> , 2013 , 6, 549-67	4.8	59
330	Microsatellite marker data suggest sex-biased dispersal in the common frog <i>Rana temporaria</i> . <i>Molecular Ecology</i> , 2004 , 13, 2865-9	5.7	59
329	Are Fat Reserves in Migratory Birds Affected by Condition in Early Life?. <i>Journal of Avian Biology</i> , 1997 , 28, 279	1.9	58
328	Population divergence in growth rate and antipredator defences in <i>Rana arvalis</i> . <i>Oecologia</i> , 2006 , 147, 585-95	2.9	58
327	Latitudinal fractionation of polybrominated diphenyl ethers and polychlorinated biphenyls in frogs (<i>Rana temporaria</i>). <i>Environmental Science & Technology</i> , 2002 , 36, 5057-61	10.3	58
326	Testis size variation in the greenfinch <i>Carduelis chloris</i> : relevance for some recent models of sexual selection. <i>Behavioral Ecology and Sociobiology</i> , 1999 , 45, 115-123	2.5	58
325	Antagonistic natural selection revealed by molecular sex identification of nestling collared flycatchers. <i>Molecular Ecology</i> , 1997 , 6, 1167-1175	5.7	57
324	Breeding success in Blue Tits: good territories or good parents?. <i>Journal of Avian Biology</i> , 2001 , 32, 214-218		57
323	A Bayesian framework for comparative quantitative genetics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 669-78	4.4	56
322	Experimental support for the cost-benefit model of lizard thermoregulation: the effects of predation risk and food supply. <i>Oecologia</i> , 2008 , 155, 1-10	2.9	56
321	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas		56
320	The evolution and adaptive potential of transcriptional variation in sticklebacks--signatures of selection and widespread heritability. <i>Molecular Biology and Evolution</i> , 2015 , 32, 674-89	8.3	55
319	Estimating fisheries-induced selection: traditional gear selectivity research meets fisheries-induced evolution. <i>Evolutionary Applications</i> , 2009 , 2, 234-43	4.8	55
318	Amphibian occurrence is influenced by current and historic landscape characteristics 2007 , 17, 2298-309		55
317	Latitudinal and temperature-dependent variation in embryonic development and growth in <i>Rana temporaria</i> . <i>Oecologia</i> , 2003 , 135, 548-54	2.9	55
316	Sire coloration influences offspring survival under predation risk in the moorfrog. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 1288-95	2.3	55
315	The effects of 20 years of highway presence on the genetic structure of <i>Rana dalmatina</i> populations. <i>Ecoscience</i> , 2006 , 13, 531-538	1.1	54

314	Quantitative Genetics of Sexual Size Dimorphism in the Collared Flycatcher, <i>Ficedula albicollis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 870	3.8	54
313	Anuran abundance and persistence in agricultural landscapes during a climatic extreme. <i>Global Change Biology</i> , 2007 , 13, 300-311	11.4	53
312	TIME TO EXTINCTION OF BIRD POPULATIONS. <i>Ecology</i> , 2005 , 86, 693-700	4.6	53
311	Population genomic evidence for adaptive differentiation in the Baltic Sea herring. <i>Molecular Ecology</i> , 2016 , 25, 2833-52	5.7	53
310	Historical Demography and Present Day Population Structure of the Greenfinch, <i>Carduelis chloris</i> -An Analysis of mtDNA Control-Region Sequences. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 946	3.8	52
309	Genetic and maternal effect influences on viability of common frog tadpoles under different environmental conditions. <i>Heredity</i> , 2003 , 91, 117-24	3.6	52
308	Brain development and predation: plastic responses depend on evolutionary history. <i>Biology Letters</i> , 2012 , 8, 249-52	3.6	50
307	Quantitative trait and allozyme divergence in the Greenfinch (<i>Carduelis chloris</i> , Aves: Fringillidae). <i>Biological Journal of the Linnean Society</i> , 1997 , 61, 243-266	1.9	50
306	Experimental support for the cost-benefit model of lizard thermoregulation. <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 405-414	2.5	50
305	Mass Loss in Breeding Blue Tits: The Role of Energetic Stress. <i>Journal of Animal Ecology</i> , 1997 , 66, 452	4.7	49
304	Demographic and genetic estimates of effective population and breeding size in the amphibian <i>Rana temporaria</i> . <i>Conservation Biology</i> , 2007 , 21, 142-51	6	49
303	Toxicity of six pesticides to common frog (<i>Rana temporaria</i>) tadpoles. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 3164-70	3.8	49
302	Nine-spined stickleback (<i>Pungitius pungitius</i>): an emerging model for evolutionary biology research. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1289, 18-35	6.5	48
301	Indirect genetic effects in a sex-limited trait: the case of breeding time in red-billed gulls. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 935-44	2.3	48
300	Adaptive sex ratio variation in pre-industrial human (<i>Homo sapiens</i>) populations?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 563-8	4.4	48
299	Adaptive phenotypic plasticity in timing of metamorphosis in the common frog <i>Rana temporaria</i> . <i>Ecoscience</i> , 2000 , 7, 18-24	1.1	48
298	The successful founder: genetics of introduced <i>Carduelis chloris</i> (greenfinch) populations in New Zealand. <i>Heredity</i> , 1996 , 77, 410-422	3.6	48
297	Local adaptation to salinity in the three-spined stickleback?. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 290-302	2.3	46

296	Sex reversal and primary sex ratios in the common frog (<i>Rana temporaria</i>). <i>Molecular Ecology</i> , 2010 , 19, 1763-73	5.7	46
295	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, RANA ARVALIS. II. ADAPTIVE MATERNAL EFFECTS. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 363	3.8	46
294	Evidence for adaptive phenotypic differentiation in Baltic Sea sticklebacks. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 1700-15	2.3	45
293	Allen's rule revisited: quantitative genetics of extremity length in the common frog along a latitudinal gradient. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 59-70	2.3	45
292	Genetic evidence for male-biased dispersal in the three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Molecular Ecology</i> , 2008 , 17, 3234-42	5.7	45
291	The impact of climate fluctuation on food availability and reproductive performance of the planktivorous red-billed gull <i>Larus novaehollandiae scopulinus</i> . <i>Journal of Animal Ecology</i> , 2008 , 77, 1129-42	4.7	45
290	What type of amphibian tunnel could reduce road kills?. <i>Oryx</i> , 2004 , 38, 220-223	1.5	45
289	Rensch's rule inverted--female-driven gigantism in nine-spined stickleback <i>Pungitius pungitius</i> . <i>Journal of Animal Ecology</i> , 2010 , 79, 581-8	4.7	44
288	Common pesticide increases costs of antipredator defenses in <i>Rana temporaria</i> tadpoles. <i>Environmental Science & Technology</i> , 2005 , 39, 6079-85	10.3	44
287	Influence of seasonal time constraints on growth and development of common frog tadpoles: a photoperiod experiment. <i>Oikos</i> , 2001 , 95, 451-460	4	44
286	Fat Reserves and Health State in Migrant Goldcrest <i>Regulus regulus</i> . <i>Functional Ecology</i> , 1995 , 9, 842	5.6	44
285	Andrew meets Rensch: sexual size dimorphism and the inverse of Rensch's rule in Andrew's toad (<i>Bufo andrewsi</i>). <i>Oecologia</i> , 2015 , 177, 389-99	2.9	43
284	Genetics of body shape and armour variation in threespine sticklebacks. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 206-18	2.3	43
283	Identification of local- and habitat-dependent selection: scanning functionally important genes in nine-spined sticklebacks (<i>Pungitius pungitius</i>). <i>Molecular Biology and Evolution</i> , 2010 , 27, 2775-89	8.3	43
282	The utility of QTL-Linked markers to detect selective sweeps in natural populations--a case study of the EDA gene and a linked marker in threespine stickleback. <i>Molecular Ecology</i> , 2006 , 15, 4613-21	5.7	43
281	Quantitative genetics of larval life-history traits in <i>Rana temporaria</i> in different environmental conditions. <i>Genetical Research</i> , 2005 , 86, 161-70	1.1	43
280	Genetic variation and natural selection on blue tit body condition in different environments. <i>Genetical Research</i> , 1999 , 73, 165-176	1.1	43
279	Altitudinal decline of body size in a Tibetan frog. <i>Journal of Zoology</i> , 2009 , 279, 364-371	2	42

278	Expression of Genetic Variation in Body Size of the Collared Flycatcher Under Different Environmental Conditions. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 526	3.8	42
277	Hitchhiking mapping reveals a candidate genomic region for natural selection in three-spined stickleback chromosome VIII. <i>Genetics</i> , 2008 , 178, 453-65	4	42
276	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. <i>Biodiversity and Conservation</i> , 2013 , 22, 3045-3065	3.4	41
275	Predation-imposed selection on threespine stickleback (<i>Gasterosteus aculeatus</i>) morphology: a test of the refuge use hypothesis. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 2916-2926	3.8	41
274	Fish age at maturation is influenced by temperature independently of growth. <i>Oecologia</i> , 2011 , 167, 435-43	2.9	41
273	Contrasting Levels of Variation in Neutral and Quantitative Genetic Loci on Island Populations of Moor Frogs (<i>Rana arvalis</i>). <i>Conservation Genetics</i> , 2006 , 8, 45-56	2.6	41
272	A low rate of cross-species microsatellite amplification success in Ranid frogs. <i>Conservation Genetics</i> , 2002 , 3, 445-449	2.6	41
271	Determinants and Consequences of Dispersal in Vertebrates with Complex Life Cycles: A Review of Pond-Breeding Amphibians. <i>Quarterly Review of Biology</i> , 2020 , 95, 1-36	5.4	40
270	DRIFTSEL: an R package for detecting signals of natural selection in quantitative traits. <i>Molecular Ecology Resources</i> , 2013 , 13, 746-54	8.4	40
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