Juha MerilÃ¤

List of Publications by Year
in descending order

421	26,038	8159	11581
papers	citations	76 h-index	135 g-index

478	478	478	19370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecological genomics of local adaptation. Nature Reviews Genetics, 2013, 14, 807-820.	7.7	1,099
2	Climate change and evolution: disentangling environmental and genetic responses. Molecular Ecology, 2008, 17, 167-178.	2.0	959
3	Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. Evolutionary Applications, 2014, 7, 1-14.	1.5	952
4	Comparison of genetic differentiation at marker loci and quantitative traits. Journal of Evolutionary Biology, 2001, 14, 892-903.	0.8	809
5	Heritable variation and evolution under favourable and unfavourable conditions. Trends in Ecology and Evolution, 1999, 14, 96-101.	4.2	643
6	A first-generation microsatellite-based genetic linkage map of the Siberian jay (Perisoreus infaustus): insights into avian genome evolution. BMC Genomics, 2009, 10, 1.	1.2	458
7	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. Heredity, 1999, 83, 103-109.	1.2	406
8	Detecting and managing fisheries-induced evolution. Trends in Ecology and Evolution, 2007, 22, 652-659.	4.2	400
9	Comparative studies of quantitative trait and neutral marker divergence: a metaâ€analysis. Journal of Evolutionary Biology, 2008, 21, 1-17.	0.8	390
10	Explaining stasis: microevolutionary studies in natural populations. Genetica, 2001, 112/113, 199-222.	0.5	388
11	QSTâ€“FST comparisons: evolutionary and ecological insights from genomic heterogeneity. Nature Reviews Genetics, 2013, 14, 179-190.	7.7	362
12	Senescence rates are determined by ranking on the fastâ€“slow lifeâ€history continuum. Ecology Letters, 2008, 11, 664-673.	3.0	317
13	Lifetime Reproductive Success and Heritability in Nature. American Naturalist, 2000, 155, 301-310.	1.0	309
14	Adaptive responses of animals to climate change are most likely insufficient. Nature Communications, 2019, 10, 3109.	5.8	285
15	Climatic effects on breeding and morphology: evidence for phenotypic plasticity. Journal of Animal Ecology, 2000, 69, 395-403.	1.3	269
16	Paternal genetic contribution to offspring condition predicted by size of male secondary sexual character. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 297-302.	1.2	251
17	Latitudinal countergradient variation in the common frog (Rana temporaria) development rates - evidence for local adaptation. Journal of Evolutionary Biology, 2003, 16, 996-1005.	0.8	250
18	Do amphibians follow Bergmann's rule?. Canadian Journal of Zoology, 2002, 80, 708-716.	0.4	234

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19	NATURAL SELECTION AND INHERITANCE OF BREEDING TIME AND CLUTCH SIZE IN THE COLLARED FLYCATCHER. Evolution; International Journal of Organic Evolution, 2003, 57, 406-420.	1.1	233
20	Cryptic evolution in a wild bird population. Nature, 2001, 412, 76-79.	13.7	231
21	Phenotypic Selection on a Heritable Size Trait Revisited. American Naturalist, 2001, 158, 557-571.	1.0	212
22	Contrasting patterns of body shape and neutral genetic divergence in marine and lake populations of threespine sticklebacks. Journal of Evolutionary Biology, 2006, 19, 1803-1812.	0.8	192
23	Bergmann's rule and climate change revisited: Disentangling environmental and genetic responses in a wild bird population. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13492-13496.	3.3	179
24	Latitudinal divergence of common frog (Rana temporaria) life history traits by natural selection: evidence from a comparison of molecular and quantitative genetic data. Molecular Ecology, 2003, 12, 1963-1978.	2.0	177
25	Generation time and temporal scaling of bird population dynamics. Nature, 2005, 436, 99-102.	13.7	172
26	Severe inbreeding depression in collared flycatchers (Ficedula albicollis). Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1581-1589.	1.2	167
27	Fluctuating Asymmetry and Measurement Error. Systematic Biology, 1995, 44, 97-101.	2.7	156
28	Bias and Precision in QST Estimates: Problems and Some Solutions. Genetics, 2005, 171, 1331-1339.	1.2	154
29	Natural selection on the genetical component of variance in body condition in a wild bird population. Journal of Evolutionary Biology, 2001, 14, 918-929.	0.8	151
30	Responses to climate change in avian migration timeÂ—microevolution versus phenotypic plasticity. Climate Research, 2007, 35, 25-35.	0.4	149
31	Singleâ€Generation Estimates of Individual Fitness as Proxies for Longâ€Term Genetic Contribution. American Naturalist, 2004, 163, 505-517.	1.0	147
32	NATURAL SELECTION AND GENETIC VARIATION FOR REPRODUCTIVE REACTION NORMS IN A WILD BIRD POPULATION. Evolution; International Journal of Organic Evolution, 2005, 59, 1362-1371.	1.1	145
33	Evolution in response to climate change: In pursuit of the missing evidence. BioEssays, 2012, 34, 811-818.	1.2	144
34	ADAPTIVE PHENOTYPIC PLASTICITY AND GENETICS OF LARVAL LIFE HISTORIES IN TWO RANA TEMPORARIA POPULATIONS. Evolution; International Journal of Organic Evolution, 2002, 56, 617-627.	1.1	140
35	Does habitat fragmentation reduce fitness and adaptability? A case study of the common frog (Rana) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	132
36	Identifying footprints of directional and balancing selection in marine and freshwater threeâ€spined stickleback (Gasterosteus aculeatus) populations. Molecular Ecology, 2008, 17, 3565-3582.	2.0	130

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37	Population genomic evidence for adaptive differentiation in Baltic Sea three-spined sticklebacks. BMC Biology, 2015, 13, 19.	1.7	122
38	GENDER AND ENVIRONMENTAL SENSITIVITY IN NESTLING COLLARED FLYCATCHERS. Ecology, 1998, 79, 1939-1948.	1.5	121
39	Reproductive timing and individual fitness. Ecology Letters, 2002, 5, 802-810.	3.0	121
40	Lifeâ€History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. American Naturalist, 2004, 164, 793-802.	1.0	121
41	Genetic relationships among marine and freshwater populations of the European three-spined stickleback (Gasterosteus aculeatus) revealed by microsatellites. Molecular Ecology, 2006, 15, 1519-1534.	2.0	121
42	Mitochondrial DNA phylogeography of the three-spined stickleback (Gasterosteus aculeatus) in Europeâ€"Evidence for multiple glacial refugia. Molecular Phylogenetics and Evolution, 2008, 46, 167-182.	1.2	118
43	Rhh: an R extension for estimating multilocus heterozygosity and heterozygosityâ€“heterozygosity correlation. Molecular Ecology Resources, 2010, 10, 720-722.	2.2	117
44	Construction of Ultradense Linkage Maps with Lep-MAP2: Stickleback F₂Recombinant Crosses as an Example. Genome Biology and Evolution, 2016, 8, 78-93.	1.1	116
45	Predation mediated population divergence in complex behaviour of nineâ€spined stickleback (Pungitius pungitius). Journal of Evolutionary Biology, 2009, 22, 544-552.	0.8	113
46	Evolutionary ecology of intraspecific brain size variation: a review. Ecology and Evolution, 2013, 3, 2751-2764.	0.8	112
47	HISTORICAL DEMOGRAPHY AND PRESENT DAY POPULATION STRUCTURE OF THE GREENFINCH,CARDUELIS CHLORIS-AN ANALYSIS OF mtDNA CONTROL-REGION SEQUENCES. Evolution; International Journal of Organic Evolution, 1997, 51, 946-956.	1.1	111
48	A New Method to Uncover Signatures of Divergent and Stabilizing Selection in Quantitative Traits. Genetics, 2011, 189, 621-632.	1.2	110
49	Characterizing genic and nongenic molecular markers: comparison of microsatellites and <scp>SNP</scp>s. Molecular Ecology Resources, 2013, 13, 377-392.	2.2	110
50	Habitat-dependent and -independent plastic responses to social environment in the nine-spined stickleback (Pungitius pungitius) brain. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2085-2092.	1.2	105
51	High degree of population subdivision in a widespread amphibian. Molecular Ecology, 2004, 13, 2631-2644.	2.0	104
52	Factors affecting avian cross-species microsatellite amplification. Journal of Avian Biology, 2005, 36, 348-360.	0.6	104
53	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, RANA ARVALIS. I. LOCAL ADAPTATION. Evolution; International Journal of Organic Evolution, 2003, 57, 352.	1.1	102
54	History vs. habitat type: explaining the genetic structure of European nine-spined stickleback (Pungitius pungitius) populations. Molecular Ecology, 2010, 19, 1147-1161.	2.0	102

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55	High degree of cryptic population differentiation in the <scp>B</scp>altic <scp>S</scp>ea herring <scp>C</scp>lupea harengus. Molecular Ecology, 2013, 22, 2931-2940.	2.0	101
56	Genetic Variation in Offspring Condition: An Experiment. Functional Ecology, 1996, 10, 465.	1.7	100
57	Extraordinarily rapid speciation in a marine fish. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6074-6079.	3.3	99
58	GLOBAL ANALYSIS OF GENES INVOLVED IN FRESHWATER ADAPTATION IN THREESPINE STICKLEBACKS (GASTEROSTEUS ACULEATUS). Evolution; International Journal of Organic Evolution, 2011, 65, 1800-1807.	1.1	98
59	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	4.2	98
60	Maternal investment in egg size: environment- and population-specific effects on offspring performance. Oecologia, 2005, 142, 546-553.	0.9	94
61	Progressive Recombination Suppression and Differentiation in Recently Evolved Neo-sex Chromosomes. Molecular Biology and Evolution, 2013, 30, 1131-1144.	3.5	93
62	Maternal and genetic contributions to geographical variation in Rana temporaria larval life-history traits. Biological Journal of the Linnean Society, 0, 76, 61-70.	0.7	92
63	The influence of landscape structure on occurrence, abundance and genetic diversity of the common frog, Rana temporaria. Global Change Biology, 2005, 11, 1664-1679.	4.2	92
64	Geographic and individual variation in haematozoan infections in the greenfinch, Carduelis chloris. Canadian Journal of Zoology, 1995, 73, 1798-1804.	0.4	90
65	Carryâ€“over effects of ultravioletâ€“B radiation on larval fitness inRana temporaria. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1699-1706.	1.2	90
66	A High Incidence of Selection on Physiologically Important Genes in the Three-Spined Stickleback, Gasterosteus aculeatus. Molecular Biology and Evolution, 2011, 28, 181-193.	3.5	90
67	When environmental variation short-circuits natural selection. Trends in Ecology and Evolution, 2003, 18, 207-209.	4.2	88
68	Explaining stasis: microevolutionary studies in natural populations. Genetica, 2001, 112-113, 199-222.	0.5	88
69	Predator-induced plasticity in early life history and morphology in two anuran amphibians. Oecologia, 2002, 132, 524-530.	0.9	86
70	Female-Biased Expression on the X Chromosome as a Key Step in Sex Chromosome Evolution in Threespine Sticklebacks. Molecular Biology and Evolution, 2010, 27, 1495-1503.	3.5	86
71	Plasticity in age and size at metamorphosis inRana temporariaâ€•comparison of high and low latitude populations. Ecography, 2000, 23, 457-465.	2.1	85
72	EVOLUTION OF GIGANTISM IN NINE-SPINED STICKLEBACKS. Evolution; International Journal of Organic Evolution, 2009, 63, 3190-3200.	1.1	85

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73	Molecular evolutionary and population genomic analysis of the nineâ€spined stickleback using a modified restrictionâ€siteâ€associated <scp>DNA</scp> tag approach. Molecular Ecology, 2013, 22, 565-582.	2.0	85
74	Determinants and Consequences of Dispersal in Vertebrates with Complex Life Cycles: A Review of Pond-Breeding Amphibians. Quarterly Review of Biology, 2020, 95, 1-36.	0.0	85
75	Genetic Variation and Causes of Genotype-Environment Interaction in the Body Size of Blue Tit (Parus) Tj ETQq1 1 0.784314 rgBT /Over	1.2	85
76	HERITABILITY OF FITNESS COMPONENTS IN A WILD BIRD POPULATION. Evolution; International Journal of Organic Evolution, 2009, 63, 716-726.	1.1	84
77	Adaptive brain size divergence in nineâ€spined sticklebacks (Pungitius pungitius)?. Journal of Evolutionary Biology, 2009, 22, 1721-1726.	0.8	84
78	Population variation in brain size of nine-spined sticklebacks (Pungitius pungitius) - local adaptation or environmentally induced variation?. BMC Evolutionary Biology, 2011, 11, 75.	3.2	84
79	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, RANA ARVALIS. I. LOCAL ADAPTATION. Evolution; International Journal of Organic Evolution, 2003, 57, 352-362.	1.1	83
80	Interspecific Competition for Nest Holes Causes Adult Mortality in the Collared Flycatcher. Condor, 1995, 97, 445-450.	0.7	82
81	Population genomic evidence for adaptive differentiation in the Baltic Sea herring. Molecular Ecology, 2016, 25, 2833-2852.	2.0	80
82	Comparison of nitrate tolerance between different populations of the common frog, Rana temporaria. Aquatic Toxicology, 2001, 54, 1-14.	1.9	79
83	EXPRESSION OF GENETIC VARIATION IN BODY SIZE OF THE COLLARED FLYCATCHER UNDER DIFFERENT ENVIRONMENTAL CONDITIONS. Evolution; International Journal of Organic Evolution, 1997, 51, 526-536.	1.1	78
84	Molt and Migratory Condition in Blue Tits: A Serological Study. Condor, 1996, 98, 825-831.	0.7	77
85	Temporal variation in predation risk: stage-dependency, graded responses and fitness costs in tadpole antipredator defences. Oikos, 2004, 107, 90-99.	1.2	77
86	HETEROGENEOUSâ€‰GENOMICâ€‰DIFFERENTIATION IN MARINE THREESPINE STICKLEBACKS: ADAPTATION ALONG AN ENVIRONMENTAL GRADIENT. Evolution; International Journal of Organic Evolution, 2013, 67, 2530-2546.	1.1	77
87	The Evolution and Adaptive Potential of Transcriptional Variation in Sticklebacksâ€”Signatures of Selection and Widespread Heritability. Molecular Biology and Evolution, 2015, 32, 674-689.	3.5	75
88	QUANTITATIVE GENETICS OF SEXUAL SIZE DIMORPHISM IN THE COLLARED FLYCATCHER,FICEDULA ALBICOLLIS. Evolution; International Journal of Organic Evolution, 1998, 52, 870-876.	1.1	74
89	Population divergence and morphometric integration in the greenfinch (Carduelis chloris) â€“ evolution against the trajectory of least resistance?. Journal of Evolutionary Biology, 1999, 12, 103-112.	0.8	74
90	POPULATION DIFFERENTIATION IN G MATRIX STRUCTURE DUE TO NATURAL SELECTION IN RANA TEMPORARIA. Evolution; International Journal of Organic Evolution, 2004, 58, 2013-2020.	1.1	74

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91	Variation in the degree and costs of adaptive phenotypic plasticity among Rana temporaria populations. Journal of Evolutionary Biology, 2004, 17, 1132-1140.	0.8	72
92	On the causes of geographically heterogeneous parallel evolution in sticklebacks. Nature Ecology and Evolution, 2020, 4, 1105-1115.	3.4	72
93	Are Fat Reserves in Migratory Birds Affected by Condition in Early Life?. Journal of Avian Biology, 1997, 28, 279.	0.6	71
94	Environmental and population dependency of genetic variability-fitness correlations in Rana temporaria. Molecular Ecology, 2004, 14, 311-323.	2.0	71
95	Experimental support for the costâ€“benefit model of lizard thermoregulation: the effects of predation risk and food supply. Oecologia, 2008, 155, 1-10.	0.9	71
96	History vs. current demography: explaining the genetic population structure of the common frog (Rana temporaria). Molecular Ecology, 2006, 15, 975-983.	2.0	70
97	Oceanographic connectivity and environmental correlates of genetic structuring in Atlantic herring in the Baltic Sea. Evolutionary Applications, 2013, 6, 549-567.	1.5	69
98	AMPHIBIAN OCCURRENCE IS INFLUENCED BY CURRENT AND HISTORIC LANDSCAPE CHARACTERISTICS. Ecological Applications, 2007, 17, 2298-2309.	1.8	68
99	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. Heredity, 1999, 83, 103-109.	1.2	68
100	Mass Loss in Breeding Blue Tits: The Role of Energetic Stress. Journal of Animal Ecology, 1997, 66, 452.	1.3	66
101	Testis size variation in the greenfinch Carduelis chloris â€Š: relevance for some recent models of sexual selection. Behavioral Ecology and Sociobiology, 1999, 45, 115-123.	0.6	66
102	Latitudinal and temperature-dependent variation in embryonic development and growth in Rana temporaria. Oecologia, 2003, 135, 548-554.	0.9	65
103	A Bayesian framework for comparative quantitative genetics. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 669-678.	1.2	65
104	Estimating fisheriesâ€‐induced selection: traditional gear selectivity research meets fisheriesâ€‐induced evolution. Evolutionary Applications, 2009, 2, 234-243.	1.5	65
105	Local adaptation to salinity in the threeâ€spined stickleback?. Journal of Evolutionary Biology, 2014, 27, 290-302.	0.8	65
106	The effects of 20 years of highway presence on the genetic structure of Rana dalmatina populations. Ecoscience, 2006, 13, 531-538.	0.6	64
107	Nineâ€spined stickleback (Pungitius pungitius): an emerging model for evolutionary biology research. Annals of the New York Academy of Sciences, 2013, 1289, 18-35.	1.8	64
108	The evolution of sex determination associated with a chromosomal inversion. Nature Communications, 2019, 10, 145.	5.8	64

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109	Breeding success in Blue Tits: good territories or good parents?. Journal of Avian Biology, 2001, 32, 214-218.	0.6	63
110	Microsatellite marker data suggest sex-biased dispersal in the common frog Rana temporaria. Molecular Ecology, 2004, 13, 2865-2869.	2.0	63
111	Andrew meets Rensch: sexual size dimorphism and the inverse of Renschâ€™s rule in Andrewâ€™s toad (Bufo) Tj ETQq1 1 0.784314	0.9	63
112	Antagonistic natural selection revealed by molecular sex identification of nestling collared flycatchers. Molecular Ecology, 1997, 6, 1167-1175.	2.0	62
113	Quantitative Genetics of Sexual Size Dimorphism in the Collared Flycatcher, Ficedula albicollis. Evolution; International Journal of Organic Evolution, 1998, 52, 870.	1.1	62
114	Latitudinal Fractionation of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls in Frogs (Rana temporaria). Environmental Science & Technology, 2002, 36, 5057-5061.	4.6	62
115	Population divergence in growth rate and antipredator defences in Rana arvalis. Oecologia, 2006, 147, 585-595.	0.9	62
116	TIME TO EXTINCTION OF BIRD POPULATIONS. Ecology, 2005, 86, 693-700.	1.5	61
117	Sex reversal and primary sex ratios in the common frog (Rana temporaria). Molecular Ecology, 2010, 19, 1763-1773.	2.0	60
118	Brain development and predation: plastic responses depend on evolutionary history. Biology Letters, 2012, 8, 249-252.	1.0	60
119	Anuran abundance and persistence in agricultural landscapes during a climatic extreme. Global Change Biology, 2007, 13, 300-311.	4.2	59
120	Allenâ€™s rule revisited: quantitative genetics of extremity length in the common frog along a latitudinal gradient. Journal of Evolutionary Biology, 2011, 24, 59-70.	0.8	59
121	Adaptive phenotypic plasticity in timing of metamorphosis in the common frog Rana temporaria. Ecoscience, 2000, 7, 18-24.	0.6	58
122	TOXICITY OF SIX PESTICIDES TO COMMON FROG (RANA TEMPORARIA) TADPOLES. Environmental Toxicology and Chemistry, 2006, 25, 3164.	2.2	58
123	Fat Reserves and Health State in Migrant Goldcrest Regulus regulus. Functional Ecology, 1995, 9, 842.	1.7	57
124	Genetic and maternal effect influences on viability of common frog tadpoles under different environmental conditions. Heredity, 2003, 91, 117-124.	1.2	57
125	What type of amphibian tunnel could reduce road kills?. Oryx, 2004, 38, 220-223.	0.5	57
126	Demographic and Genetic Estimates of Effective Population and Breeding Size in the Amphibian Rana temporaria. Conservation Biology, 2007, 21, 142-151.	2.4	57

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127	Indirect genetic effects in a sexâ€limited trait: the case of breeding time in redâ€billed gulls. Journal of Evolutionary Biology, 2010, 23, 935-944.	0.8	57
128	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. Molecular Ecology, 2006, 15, 4613-4621.	2.0	56
129	The impact of climate fluctuation on food availability and reproductive performance of the planktivorous redâ€billed gullLarus novaehollandiae scopulinus. Journal of Animal Ecology, 2008, 77, 1129-1142.	1.3	56
130	Quantitative trait and allozyme divergence in the Greenfinch (Carduelis chloris, Aves: Fringillidae). Biological Journal of the Linnean Society, 1997, 61, 243-266.	0.7	55
131	Adaptive sex ratio variation in preâ€“industrial human (Homo sapiens) populations?. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 563-568.	1.2	55
132	Sire coloration influences offspring survival under predation risk in the moorfrog. Journal of Evolutionary Biology, 2003, 16, 1288-1295.	0.8	55
133	Historical Demography and Present Day Population Structure of the Greenfinch, Carduelis chloris-An Analysis of mtDNA Control-Region Sequences. Evolution; International Journal of Organic Evolution, 1997, 51, 946.	1.1	54
134	A high-quality assembly of the nine-spined stickleback (Pungitius pungitius) genome. Genome Biology and Evolution, 2019, 11, 3291-3308.	1.1	54
135	The successful founder: genetics of introduced Carduelis chloris (greenfinch) populations in New Zealand. Heredity, 1996, 77, 410-422.	1.2	53
136	Altitudinal decline of body size in a Tibetan frog. Journal of Zoology, 2009, 279, 364-371.	0.8	53
137	Renschâ€™s rule inverted â€“ femaleâ€driven gigantism in nineâ€spined stickleback Pungitius pungitius. Journal of Animal Ecology, 2010, 79, 581-588.	1.3	53
138	Genetics of body shape and armour variation in threespine sticklebacks. Journal of Evolutionary Biology, 2011, 24, 206-218.	0.8	53
139	Fish age at maturation is influenced by temperature independently of growth. Oecologia, 2011, 167, 435-443.	0.9	53
140	<scp>driftsel</scp>: an R package for detecting signals of natural selection in quantitative traits. Molecular Ecology Resources, 2013, 13, 746-754.	2.2	53
141	GEOGRAPHIC VARIATION IN ACID STRESS TOLERANCE OF THE MOOR FROG, RANA ARVALIS. II. ADAPTIVE MATERNAL EFFECTS. Evolution; International Journal of Organic Evolution, 2003, 57, 363.	1.1	52
142	Genetic evidence for maleâ€biased dispersal in the threeâ€spined stickleback (Gasterosteus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.0	52
143	Common Pesticide Increases Costs of Antipredator Defenses in Rana temporaria Tadpoles. Environmental Science & Technology, 2005, 39, 6079-6085.	4.6	51
144	Increasing melanism along a latitudinal gradient in a widespread amphibian: local adaptation, ontogenic or environmental plasticity?. BMC Evolutionary Biology, 2010, 10, 317.	3.2	51

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145	Morphological divergence of North-European nine-spined sticklebacks (Pungitius pungitius): signatures of parallel evolution. Biological Journal of the Linnean Society, 0, 101, 403-416.	0.7	51
146	PREDATION-IMPOSED SELECTION ON THREESPINE STICKLEBACK (GASTEROSTEUS ACULEATUS) MORPHOLOGY: A TEST OF THE REFUGE USE HYPOTHESIS. Evolution; International Journal of Organic Evolution, 2011, 65, 2916-2926.	1.1	51
147	Influence of seasonal time constraints on growth and development of common frog tadpoles: a photoperiod experiment. Oikos, 2001, 95, 451-460.	1.2	50
148	Experimental support for the costâ€“benefit model of lizard thermoregulation. Behavioral Ecology and Sociobiology, 2006, 60, 405-414.	0.6	50
149	Evidence for adaptive phenotypic differentiation in <scp>B</scp>altic <scp>S</scp>ea sticklebacks. Journal of Evolutionary Biology, 2013, 26, 1700-1715.	0.8	50
150	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. Biodiversity and Conservation, 2013, 22, 3045-3065.	1.2	50
151	Evolution of anuran brains: disentangling ecological and phylogenetic sources of variation. Journal of Evolutionary Biology, 2015, 28, 1986-1996.	0.8	50
152	Worldwide phylogeny of three-spined sticklebacks. Molecular Phylogenetics and Evolution, 2018, 127, 613-625.	1.2	50
153	A low rate of cross-species microsatellite amplification success in Ranid frogs. Conservation Genetics, 2002, 3, 445-449.	0.8	49
154	Identification of Local- and Habitat-Dependent Selection: Scanning Functionally Important Genes in Nine-Spined Sticklebacks (Pungitius pungitius). Molecular Biology and Evolution, 2010, 27, 2775-2789.	3.5	49
155	Quantitative genetics of larval life-history traits in Rana temporaria in different environmental conditions. Genetical Research, 2005, 86, 161-170.	0.3	48
156	Variation in number of ventral scales in snakes: effects on body size, growth rate and survival in the adder, Vipera berus. Journal of Zoology, 1993, 230, 101-115.	0.8	47
157	Genetic variation and natural selection on blue tit body condition in different environments. Genetical Research, 1999, 73, 165-176.	0.3	47
158	Phylogeography and Genetic Structuring of European Nine-Spined Sticklebacks (Pungitius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	1.1	47
159	Whole mitochondrial genome scan for population structure and selection in the Atlantic herring. BMC Evolutionary Biology, 2012, 12, 248.	3.2	47
160	Plumage brightness in relation to haematozoan infections in the greenfinchCarduelis chloris: Bright males are a good bet. Ecoscience, 1999, 6, 12-18.	0.6	46
161	Carry-over effects of embryonic acid conditions on development and growth of Rana temporaria tadpoles. Freshwater Biology, 2002, 47, 19-30.	1.2	46
162	The social cost of shoaling covaries with predation risk in nine-spined stickleback, Pungitius pungitius, populations. Animal Behaviour, 2009, 77, 575-580.	0.8	46

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163	Expression of Genetic Variation in Body Size of the Collared Flycatcher Under Different Environmental Conditions. Evolution; International Journal of Organic Evolution, 1997, 51, 526.	1.1	45
164	Contrasting Levels of Variation in Neutral and Quantitative Genetic Loci on Island Populations of Moor Frogs (Rana arvalis). Conservation Genetics, 2006, 8, 45-56.	0.8	45
165	Genetic basis of sexual dimorphism in the threespine stickleback Gasterosteus aculeatus. Heredity, 2011, 106, 218-227.	1.2	45
166	BRINGING HABITAT INFORMATION INTO STATISTICAL TESTS OF LOCAL ADAPTATION IN QUANTITATIVE TRAITS: A CASE STUDY OF NINE-SPINED STICKLEBACKS. Evolution; International Journal of Organic Evolution, 2014, 68, 559-568.	1.1	45
167	Local Adaptation and Genetics of Acid-Stress Tolerance in the Moor Frog, Rana arvalis. Conservation Genetics, 2004, 5, 513-527.	0.8	44
168	Geographic variation in sexâ€chromosome differentiation in the common frog (<i><scp>R</scp>ana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	43
169	Inheritance of size and shape in a natural population of collared flycatchers, Ficedula albicollis. Journal of Evolutionary Biology, 1993, 6, 375-395.	0.8	42
170	The Role of Fisheries-Induced Evolution. Science, 2008, 320, 47-50.	6.0	42
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