Juha MerilÃ¤

List of Publications by Year
in descending order

421 papers	26,038 citations	8159 76 h-index	11581 135 g-index
478 all docs	478 docs citations	478 times ranked	19370 citing authors

#	Article	IF	Citations
1	Phylogenomics of Northeast Asian<i>Pungitius</i>sticklebacks. Diversity and Distributions, 2022, 28, 2610-2621.	1.9	8
2	Genomic evidence for adaptive differentiation among<i>Microhyla fissipes</i>populations: Implications for conservation. Diversity and Distributions, 2022, 28, 2665-2680.	1.9	5
3	Cranial osteology of <i>Hypoptophis</i> (Aparallactinae: Atractaspididae: Caenophidia), with a discussion on the evolution of its fossorial adaptations. Journal of Morphology, 2022, 283, 510-538.	0.6	1
4	Sexâ€related differences in aging rate are associated with sex chromosome system in amphibians. Evolution; International Journal of Organic Evolution, 2022, 76, 346-356.	1.1	7
5	Age-dependent genetic architecture across ontogeny of body size in sticklebacks. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220352.	1.2	3
6	Allopatric origin of sympatric whitefish morphs with insights on the genetic basis of their reproductive isolation. Evolution; International Journal of Organic Evolution, 2022, 76, 1905-1913.	1.1	0
7	Effects of ambient temperatures on evolutionary potential of reproductive timing in boreal passerines. Journal of Animal Ecology, 2021, 90, 367-375.	1.3	4
8	Genetic population structure constrains local adaptation in sticklebacks. Molecular Ecology, 2021, 30, 1946-1961.	2.0	33
9	Biases in demographic modelling affect our understanding of recent divergence. Molecular Biology and Evolution, 2021, 38, 2967-2985.	3.5	37
10	Population Structure Limits Parallel Evolution in Sticklebacks. Molecular Biology and Evolution, 2021, 38, 4205-4221.	3.5	37
11	Automated improvement of stickleback reference genome assemblies with <scp>Lepâ€Anchor</scp> software. Molecular Ecology Resources, 2021, 21, 2166-2176.	2.2	21
12	Habitat segregation of plate phenotypes in a rapidly expanding population of threeâ€spined stickleback. Ecosphere, 2021, 12, e03561.	1.0	7
13	Genomic Evidence for Speciation with Gene Flow in Broadcast Spawning Marine Invertebrates. Molecular Biology and Evolution, 2021, 38, 4683-4699.	3.5	17
14	Examining the effects of authentic C&R on the reproductive potential of Northern pike. Fisheries Research, 2021, 243, 106068.	0.9	5
15	Cast Away in the Adriatic: Low Degree of Parallel Genetic Differentiation in Threeâ€Spined Sticklebacks. Molecular Ecology, 2021, , .	2.0	6
16	Thermal conditions predict intraspecific variation in senescence rate in frogs and toads. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
17	Estimating uncertainty in divergence times among three-spined stickleback clades using the multispecies coalescent. Molecular Phylogenetics and Evolution, 2020, 142, 106646.	1.2	31
18	Phenotypic flexibility in background-mediated color change in sticklebacks. Behavioral Ecology, 2020, 31, 950-959.	1.0	8

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19	The roles of climate, geography and natural selection as drivers of genetic and phenotypic differentiation in a widespread amphibian <i>Hyla annectans</i> (Anura: Hylidae). Molecular Ecology, 2020, 29, 3667-3683.	2.0	20
20	Genomic and chemical evidence for local adaptation in resistance to different herbivores in <i>Datura stramonium</i>. Evolution; International Journal of Organic Evolution, 2020, 74, 2629-2643.	1.1	18
21	Effects of temperature on growth and development of amphibian larvae across an altitudinal gradient in the Tibetan Plateau. Animal Biology, 2020, 70, 239-250.	0.6	3
22	On the causes of geographically heterogeneous parallel evolution in sticklebacks. Nature Ecology and Evolution, 2020, 4, 1105-1115.	3.4	72
23	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
24	Population transcriptomics reveals weak parallel genetic basis in repeated marine and freshwater divergence in nineâ€spined sticklebacks. Molecular Ecology, 2020, 29, 1642-1656.	2.0	17
25	A phylogenomic perspective on diversity, hybridization and evolutionary affinities in the stickleback genus <i>Pungitius</i>. Molecular Ecology, 2019, 28, 4046-4064.	2.0	39
26	Complete mitochondrial genome sequence of the Himalayan Griffon, <i>Gyps himalayensis</i> (Accipitriformes: Accipitridae): Sequence, structure, and phylogenetic analyses. Ecology and Evolution, 2019, 9, 8813-8828.	0.8	14
27	Adaptive responses of animals to climate change are most likely insufficient. Nature Communications, 2019, 10, 3109.	5.8	285
28	A high-quality assembly of the nine-spined stickleback (Pungitius pungitius) genome. Genome Biology and Evolution, 2019, 11, 3291-3308.	1.1	54
29	From ecology to genetics and back: the tale of two flounder species in the Baltic Sea. ICES Journal of Marine Science, 2019, 76, 2267-2275.	1.2	10
30	Aging threeâ€spined sticklebacks <i>Gasterosteus aculeatus</i>: comparison of estimates from three structures. Journal of Fish Biology, 2019, 95, 802-811.	0.7	5
31	Phylogeographic patterns and conservation implications of the endangered Chinese giant salamander. Ecology and Evolution, 2019, 9, 3879-3890.	0.8	20
32	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, Salamandra infraimmaculata, in Northern Israel. Conservation Genetics, 2019, 20, 875-889.	0.8	15
33	Cryptic temporal changes in stock composition explain the decline of a flounder (Platichthysspp.) assemblage. Evolutionary Applications, 2019, 12, 549-559.	1.5	10
34	FishResp: R package and GUI application for analysis of aquatic respirometry data. , 2019, 7, coz003.		19
35	Variation in sexual brain size dimorphism over the breeding cycle in the three-spined stickleback. Journal of Experimental Biology, 2019, 222, .	0.8	7
36	Effects of marker type and filtering criteria on<i>Q</i>_{ST}-<i>F</i>_{ST}comparisons. Royal Society Open Science, 2019, 6, 190666.	1.1	12

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37	The evolution of sex determination associated with a chromosomal inversion. Nature Communications, 2019, 10, 145.	5.8	64
38	Linkage disequilibrium clusteringâ€based approach for association mapping with tightly linked genomewide data. Molecular Ecology Resources, 2018, 18, 809-824.	2.2	28
39	Evolutionary Responses to Climate Change. , 2018, , 51-59.		2
40	Selection on the morphologyâ€"physiologyâ€performance nexus: Lessons from freshwater stickleback morphs. Ecology and Evolution, 2018, 8, 1286-1299.	0.8	9
41	OBSOLETE: Evolution in response to climate change. , 2018, , .		0
42	Modulation of Gene Expression in Liver of Hibernating Asiatic Toads (Bufo gargarizans). International Journal of Molecular Sciences, 2018, 19, 2363.	1.8	11
43	Platichthys solemdali sp. nov. (Actinopterygii, Pleuronectiformes): A New Flounder Species From the Baltic Sea. Frontiers in Marine Science, 2018, 5, .	1.2	36
44	Heterochronic development of lateral plates in the three-spined stickleback induced by thyroid hormone level alterations. PLoS ONE, 2018, 13, e0194040.	1.1	8
45	Worldwide phylogeny of three-spined sticklebacks. Molecular Phylogenetics and Evolution, 2018, 127, 613-625.	1.2	50
46	Morphologically indistinguishable hybrid Carassius female with 156 chromosomes: A threat for the threatened crucian carp, C. carassius, L. PLoS ONE, 2018, 13, e0190924.	1.1	22
47	Deciphering the genomic architecture of the stickleback brain with a novel multilocus geneâ€mapping approach. Molecular Ecology, 2017, 26, 1557-1575.	2.0	20
48	Environmental enrichment, sexual dimorphism, and brain size in sticklebacks. Ecology and Evolution, 2017, 7, 1691-1698.	0.8	21
49	Regulatory Architecture of Gene Expression Variation in the Threespine Stickleback <i>Gasterosteus aculeatus</i>. G3: Genes, Genomes, Genetics, 2017, 7, 165-178.	0.8	22
50	Kidney morphology and candidate gene expression shows plasticity in sticklebacks adapted to divergent osmotic environments. Journal of Experimental Biology, 2017, 220, 2175-2186.	0.8	36
51	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
52	Small-scale spatial and temporal variation of life-history traits of common frogs (Rana temporaria) in sub-Arctic Finland. Polar Biology, 2017, 40, 1581-1592.	0.5	5
53	Structure and stability of genetic varianceâ€"covariance matrices: A Bayesian sparse factor analysis of transcriptional variation in the threeâ€spined stickleback. Molecular Ecology, 2017, 26, 5099-5113.	2.0	5
54	Phylogeography and historical introgression in smoothtail nine-spined sticklebacks, Pungitius laevis (Gasterosteiformes: Gasterosteidae). Biological Journal of the Linnean Society, 2017, 121, 340-354.	0.7	4

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55	Origin and introduction history of the least weasel (Mustela nivalis) on Mediterranean and Atlantic islands inferred from genetic data. Biological Invasions, 2017, 19, 399-421.	1.2	9
56	Cannibalism facilitates gigantism in a nineâ€spined stickleback (<i>Pungitius pungitius</i>) population. Ecology of Freshwater Fish, 2017, 26, 686-694.	0.7	5
57	Age at maturation has sex- and temperature-specific effects on telomere length in a fish. Oecologia, 2017, 184, 767-777.	0.9	13
58	A universal and reliable assay for molecular sex identification of threeâ€spined sticklebacks (<i>Gasterosteus aculeatus</i>). Molecular Ecology Resources, 2016, 16, 1389-1400.	2.2	14
59	Genomewide scan for adaptive differentiation along altitudinal gradient in the Andrew's toad <i>Bufo andrewsi</i>. Molecular Ecology, 2016, 25, 3884-3900.	2.0	38
60	Population genomic evidence for adaptive differentiation in the Baltic Sea herring. Molecular Ecology, 2016, 25, 2833-2852.	2.0	80
61	Effects of perceived predation risk and social environment on the development of three-spined stickleback (<i>Gasterosteus aculeatus</i>) morphology. Biological Journal of the Linnean Society, 2016, 118, 520-535.	0.7	15
62	A test for withinâ€lake niche differentiation in the nineâ€spined sticklebacks (<i>Pungitius pungitius</i>). Ecology and Evolution, 2016, 6, 4753-4760.	0.8	1
63	Quantitative trait locus analysis of body shape divergence in nine-spined sticklebacks based on high-density SNP-panel. Scientific Reports, 2016, 6, 26632.	1.6	32
64	The genetic contribution to sex determination and number of sex chromosomes vary among populations of common frogs (Rana temporaria). Heredity, 2016, 117, 25-32.	1.2	29
65	Heritability and evolvability of fitness and nonfitness traits: Lessons from livestock. Evolution; International Journal of Organic Evolution, 2016, 70, 1770-1779.	1.1	35
66	Comparison of catch per unit effort among four minnow trap models in the three-spined stickleback (Gasterosteus aculeatus) fishery. Scientific Reports, 2016, 5, 18548.	1.6	5
67	Complete mitochondrial genome of the Greek nine-spined stickleback Pungitius hellenicus (Gasterosteiformes, Gasterosteidae). Mitochondrial DNA Part B: Resources, 2016, 1, 66-67.	0.2	2
68	Complete mitochondrial genome of the Ukrainian nine-spined stickleback Pungitius platygaster (Gasterosteiformes, Gasterosteidae). Mitochondrial DNA Part B: Resources, 2016, 1, 68-69.	0.2	1
69	Complete mitochondrial genomes of the smooth tail nine-spined sticklebacks Pungitius laevis (Gasterosteiformes, Gasterosteidae). Mitochondrial DNA Part B: Resources, 2016, 1, 70-71.	0.2	2
70	Complete mitochondrial genome of the nine-spined stickleback <i>Pungitius pungitius</i> (Gasterosteiformes, Gasterosteidae). Mitochondrial DNA Part B: Resources, 2016, 1, 72-73.	0.2	5
71	Complete mitochondrial genome of the Sakhalin nine-spined stickleback Pungitius tymensis (Gasterosteiformes, Gasterosteidae). Mitochondrial DNA Part B: Resources, 2016, 1, 74-75.	0.2	1
72	On plasticity of aggression: influence of past and present predation risk, social environment and sex. Behavioral Ecology and Sociobiology, 2016, 70, 179-187.	0.6	15

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73	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
74	Taxonomic status and origin of the Egyptian weasel (Mustela subpalmata) inferred from mitochondrial DNA. Genetica, 2016, 144, 191-202.	0.5	5
75	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	4.2	10
76	A New Species of Frog (Anura: Dicroglossidae) Discovered from the Mega City of Dhaka. PLoS ONE, 2016, 11, e0149597.	1.1	7
77	Population divergence in compensatory growth responses and their costs in sticklebacks. Ecology and Evolution, 2015, 5, 7-23.	0.8	14
78	Mitochondrial phylogeography and cryptic divergence in the stickleback genus <i>Pungitius</i>. Journal of Biogeography, 2015, 42, 2334-2348.	1.4	23
79	Experimental evidence for sex-specific plasticity in adult brain. Frontiers in Zoology, 2015, 12, 38.	0.9	17
80	Factors influencing three-spined stickleback GasterosteusÂaculeatus (Linnaeus 1758) catch per unit effort. Journal of Applied Ichthyology, 2015, 31, 905-908.	0.3	4
81	Evolution of anuran brains: disentangling ecological and phylogenetic sources of variation. Journal of Evolutionary Biology, 2015, 28, 1986-1996.	0.8	50
82	A New Species of Euphlyctis (Anura: Dicroglossidae) from Barisal, Bangladesh. PLoS ONE, 2015, 10, e0116666.	1.1	12
83	A New Species of Microhyla (Anura: Microhylidae) from Nilphamari, Bangladesh. PLoS ONE, 2015, 10, e0119825.	1.1	24
84	Temporal Stability of Genetic Variability and Differentiation in the Three-Spined Stickleback (Gasterosteus aculeatus). PLoS ONE, 2015, 10, e0123891.	1.1	15
85	Genetic Variability and Structuring of Arctic Charr (Salvelinus alpinus) Populations in Northern Fennoscandia. PLoS ONE, 2015, 10, e0140344.	1.1	10
86	Baiting improves CPUE in nineâ€spined stickleback (P ungitius pungitius) minnow trap fishery. Ecology and Evolution, 2015, 5, 3737-3742.	0.8	3
87	Does predation drive morphological differentiation among Adriatic populations of the three-spined stickleback?. Biological Journal of the Linnean Society, 2015, 115, 219-240.	0.7	10
88	Quantitative genetic analysis of brain size variation in sticklebacks: support for the mosaic model of brain evolution. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151008.	1.2	41
89	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	4.2	98
90	Population genomic evidence for adaptive differentiation in Baltic Sea three-spined sticklebacks. BMC Biology, 2015, 13, 19.	1.7	122

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91	Perplexing effects of phenotypic plasticity. Nature, 2015, 525, 326-327.	13.7	10
92	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
93	Andrew meets Rensch: sexual size dimorphism and the inverse of Renschâ€™s rule in Andrewâ€™s toad (Bufo) Tj ETQq1 1 0.784314 rg	0.9	63
94	Consistent isotopic differences between Schistocephalus spp. parasites and their stickleback hosts. Diseases of Aquatic Organisms, 2015, 115, 121-128.	0.5	8
95	Lakes and ponds as model systems to study parallel evolution. Journal of Limnology, 2014, 73, .	0.3	5
96	Crossâ€generational costs of compensatory growth in nineâ€spined sticklebacks. Oikos, 2014, 123, 1489-1498.	1.2	9
97	Evidence for sexâ€specific selection in brain: a case study of the nineâ€spined stickleback. Journal of Evolutionary Biology, 2014, 27, 1604-1612.	0.8	21
98	Mechanism of hybridization between bream <i>Abramis brama</i> and roach <i>Rutilus rutilus</i> in their native range. Journal of Fish Biology, 2014, 84, 237-242.	0.7	11
99	Identification of Major and Minor QTL for Ecologically Important Morphological Traits in Three-Spined Sticklebacks (<i>Gasterosteus aculeatus</i>). G3: Genes, Genomes, Genetics, 2014, 4, 595-604.	0.8	30
100	Genome-Wide Linkage Disequilibrium in Nine-Spined Stickleback Populations. G3: Genes, Genomes, Genetics, 2014, 4, 1919-1929.	0.8	13
101	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
102	QTL Analysis of Behavior in Nine-Spined Sticklebacks (Pungitius pungitius). Behavior Genetics, 2014, 44, 77-88.	1.4	19
103	Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. Evolutionary Applications, 2014, 7, 1-14.	1.5	952
104	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
105	Landscape influences on dispersal behaviour: a theoretical model and empirical test using the fire salamander, Salamandra infraimmaculata. Oecologia, 2014, 175, 509-520.	0.9	22
106	Disentangling plastic and genetic changes in body mass of <scp>S</scp>iberian jays. Journal of Evolutionary Biology, 2014, 27, 1849-1858.	0.8	13
107	Local adaptation to salinity in the threeâ€spined stickleback?. Journal of Evolutionary Biology, 2014, 27, 290-302.	0.8	65
108	Evolutionary potential and constraints in wild populations. , 2014, , 190-208.		41

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109	Geographic Variation in Age Structure and Longevity in the Nine-Spined Stickleback (Pungitius) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	19
110	Large differences in catch per unit of effort between two minnow trap models. BMC Research Notes, 2013, 6, 151.	0.6	12
111	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
112	Isolation and characterization of 113 polymorphic microsatellite loci for the Tibetan frog (Nanorana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	2
113	Evolution of stickleback feeding behaviour: genetics of population divergence at different ontogenetic stages. Journal of Evolutionary Biology, 2013, 26, 955-962.	0.8	17
114	<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
115	Ecological genomics of local adaptation. Nature Reviews Genetics, 2013, 14, 807-820.	7.7	1,099
116	Quantitative trait loci for growth and body size in the nineâ€spined stickleback <i><scp>P</scp>ungitius pungitius </i><scp>L.</scp>. Molecular Ecology, 2013, 22, 5861-5876.	2.0	29
117	The role of golf courses in maintaining genetic connectivity between common frog (Rana temporaria) populations in an urban setting. Conservation Genetics, 2013, 14, 1057-1064.	0.8	13
118	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. Biodiversity and Conservation, 2013, 22, 3045-3065.	1.2	50
119	Genomic divergence between nine- and three-spined sticklebacks. BMC Genomics, 2013, 14, 756.	1.2	42
120	High degree of genetic differentiation in marine threeâ€spined sticklebacks (<i><scp>G</scp>asterosteus) Tj ETQq0 0 0 rgBT /Overlock	2.0	30
121	Optimal growth strategies under divergent predation pressure. Journal of Fish Biology, 2013, 82, 318-331.	0.7	8
122	Genetic population structure of the endangered fire salamander (<i><scp>S</scp>alamandra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 412-421.	1.5	28
123	Facultative Sex Allocation and Sexâ€Specific Offspring Survival in <scp>B</scp>arrow's Goldeneyes. Ethology, 2013, 119, 146-155.	0.5	1
124	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
125	QSTâ€“FST comparisons: evolutionary and ecological insights from genomic heterogeneity. Nature Reviews Genetics, 2013, 14, 179-190.	7.7	362
126	Characterizing genic and nongenic molecular markers: comparison of microsatellites and <scp>SNP</scp>s. Molecular Ecology Resources, 2013, 13, 377-392.	2.2	110

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127	Evidence for genetic differentiation in timing of maturation among nineâ€spined stickleback populations. Journal of Evolutionary Biology, 2013, 26, 775-782.	0.8	14
128	High degree of cryptic population differentiation in the <scp>B</scp>altic <scp>S</scp>ea herring <i><scp>C</scp>lupea harengus</i>. Molecular Ecology, 2013, 22, 2931-2940.	2.0	101
129	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
130	Genetic Architecture of Parallel Pelvic Reduction in Ninespine Sticklebacks. G3: Genes, Genomes, Genetics, 2013, 3, 1833-1842.	0.8	34
131	Transcription and redox enzyme activities: comparison of equilibrium and disequilibrium levels in the three-spined stickleback. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122974.	1.2	21
132	Progressive Recombination Suppression and Differentiation in Recently Evolved Neo-sex Chromosomes. Molecular Biology and Evolution, 2013, 30, 1131-1144.	3.5	93
133	Oceanographic connectivity and environmental correlates of genetic structuring in Atlantic herring in the Baltic Sea. Evolutionary Applications, 2013, 6, 549-567.	1.5	69
134	Asymmetry in threespine stickleback lateral plates. Journal of Zoology, 2013, 289, 279-284.	0.8	3
135	Nineâ€spined stickleback (<i>Pungitius pungitius</i>): an emerging model for evolutionary biology research. Annals of the New York Academy of Sciences, 2013, 1289, 18-35.	1.8	64
136	Potential effects of climate change on the distribution of the common frog Rana temporaria at its northern range margin. Israel Journal of Ecology and Evolution, 2013, 59, 130-140.	0.2	7
137	Evolutionary ecology of intraspecific brain size variation: a review. Ecology and Evolution, 2013, 3, 2751-2764.	0.8	112
138	Variation in Age and Size in Fennoscandian Three-Spined Sticklebacks (Gasterosteus aculeatus). PLoS ONE, 2013, 8, e80866.	1.1	32
139	No evidence for inbreeding avoidance through active mate choice in red-billed gulls. Behavioral Ecology, 2012, 23, 672-675.	1.0	11
140	Brain development and predation: plastic responses depend on evolutionary history. Biology Letters, 2012, 8, 249-252.	1.0	60
141	Isolation and Characterization of 13 New Nine-Spined Stickleback,<i>Pungitius pungitius</i>, Microsatellites Located Nearby Candidate Genes for Behavioural Variation. Annales Zoologici Fennici, 2012, 49, 123-128.	0.2	9
142	Spectral tuning by selective chromophore uptake in rods and cones of eight populations of nine-spined stickleback (<i>Pungitius pungitius</i>). Journal of Experimental Biology, 2012, 215, 2760-2773.	0.8	25
143	Body size divergence in nine-spined sticklebacks: disentangling additive genetic and maternal effects. Biological Journal of the Linnean Society, 2012, 107, 521-528.	0.7	28
144	EndemicIndiranaFrogs of the Western Ghats Biodiversity Hotspot. Annales Zoologici Fennici, 2012, 49, 257-286.	0.2	10

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145	Genetic variation and differentiation in Indirana beddomii frogs endemic to the Western Ghats biodiversity hotspot. Conservation Genetics, 2012, 13, 1459-1467.	0.8	13
146	Effective size and genetic composition of two exploited, migratory whitefish (Coregonus lavaretus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	6
147	Contrasting population structures in two sympatric fishes in the Baltic Sea basin. Marine Biology, 2012, 159, 1659-1672.	0.7	36
148	Seasonality determines patterns of growth and age structure over a geographic gradient in an ectothermic vertebrate. Oecologia, 2012, 170, 641-649.	0.9	41
149	Factors influencing nine-spined stickleback (Pungitus pungitus)trapping success. Annales Zoologici Fennici, 2012, 49, 350-354.	0.2	5
150	High cryptic diversity of endemic <i><scp>I</scp>ndirana</i> frogs in the <scp>W</scp>estern <scp>G</scp>hats biodiversity hotspot. Animal Conservation, 2012, 15, 489-498.	1.5	21
151	High levels of fluctuating asymmetry in isolated stickleback populations. BMC Evolutionary Biology, 2012, 12, 115.	3.2	20
152	Whole mitochondrial genome scan for population structure and selection in the Atlantic herring. BMC Evolutionary Biology, 2012, 12, 248.	3.2	47
153	Morphological anti-predator defences in the nine-spined stickleback: constitutive, induced or both?. Biological Journal of the Linnean Society, 2012, 107, 854-866.	0.7	12
154	Cross-species testing and utility of microsatellite loci in Indirana frogs. BMC Research Notes, 2012, 5, 389.	0.6	10
155	Heritability of Asymmetry and Lateral Plate Number in the Threespine Stickleback. PLoS ONE, 2012, 7, e39843.	1.1	23
156	Sex differences in age structure, growth rate and body size of common frogs Rana temporaria in the subarctic. Polar Biology, 2012, 35, 1505-1513.	0.5	15
157	Evolution in response to climate change: In pursuit of the missing evidence. BioEssays, 2012, 34, 811-818.	1.2	144
158	Development of 61 new transcriptome-derived microsatellites for the Atlantic herring (Clupea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	0.4	16
159	Phylogeography of isolated freshwater threeâ€spined stickleback <i>Gasterosteus aculeatus</i> populations in the Adriatic Sea basin. Journal of Fish Biology, 2012, 80, 61-85.	0.7	24
160	MULTIPLE EVOLUTIONARY PATHWAYS TO DECREASED LATERAL PLATE COVERAGE IN FRESHWATER THREESPINE STICKLEBACKS. Evolution; International Journal of Organic Evolution, 2012, 66, 3866-3875.	1.1	39
161	Kin association during brood care in a facultatively social bird: active discrimination or byâ€product of partner choice and demography?. Molecular Ecology, 2012, 21, 3341-3351.	2.0	15
162	Contrasting growth strategies of pond versus marine populations of nine-spined stickleback (Pungitius pungitius): a combined effect of predation and competition?. Evolutionary Ecology, 2012, 26, 109-122.	0.5	29

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164	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
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