

Juha Meril

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

421
papers

20,996
citations

71
h-index

125
g-index

473
ext. papers

23,647
ext. citations

4.7
avg. IF

7.23
L-index

#	Paper	IF	Citations
4 ²¹	Age-dependent genetic architecture across ontogeny of body size in sticklebacks.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20220352	4.4	
4 ²⁰	Sex-related differences in aging rate are associated with sex chromosome system in amphibians. <i>Evolution; International Journal of Organic Evolution</i> , 2021 ,	3.8	2
4 ¹⁹	Thermal conditions predict intraspecific variation in senescence rate in frogs and toads. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
4 ¹⁸	Population Structure Limits Parallel Evolution in Sticklebacks. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4205-4221	8.3	6
4 ¹⁷	Automated improvement of stickleback reference genome assemblies with Lep-Anchor software. <i>Molecular Ecology Resources</i> , 2021 , 21, 2166-2176	8.4	2
4 ¹⁶	Habitat segregation of plate phenotypes in a rapidly expanding population of three-spined stickleback. <i>Ecosphere</i> , 2021 , 12, e03561	3.1	1
4 ¹⁵	Genomic Evidence for Speciation with Gene Flow in Broadcast Spawning Marine Invertebrates. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4683-4699	8.3	4
4 ¹⁴	Effects of ambient temperatures on evolutionary potential of reproductive timing in boreal passerines. <i>Journal of Animal Ecology</i> , 2021 , 90, 367-375	4.7	2
4 ¹³	Genetic population structure constrains local adaptation in sticklebacks. <i>Molecular Ecology</i> , 2021 , 30, 1946-1961	5.7	14
4 ¹²	Biases in Demographic Modeling Affect Our Understanding of Recent Divergence. <i>Molecular Biology and Evolution</i> , 2021 , 38, 2967-2985	8.3	9
4 ¹¹	Examining the effects of authentic C&R on the reproductive potential of Northern pike. <i>Fisheries Research</i> , 2021 , 243, 106068	2.3	1
4 ¹⁰	Effects of temperature on growth and development of amphibian larvae across an altitudinal gradient in the Tibetan Plateau. <i>Animal Biology</i> , 2020 , 70, 239-250	0.7	0
4 ⁰⁹	On the causes of geographically heterogeneous parallel evolution in sticklebacks. <i>Nature Ecology and Evolution</i> , 2020 , 4, 1105-1115	12.3	30
4 ⁰⁸	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
4 ⁰⁷	Population transcriptomics reveals weak parallel genetic basis in repeated marine and freshwater divergence in nine-spined sticklebacks. <i>Molecular Ecology</i> , 2020 , 29, 1642-1656	5.7	10
4 ⁰⁶	Phenotypic flexibility in background-mediated color change in sticklebacks. <i>Behavioral Ecology</i> , 2020 , 31, 950-959	2.3	3
4 ⁰⁵	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). <i>Molecular Ecology</i> , 2020 , 29, 3667-3683	5.7	4

404	Genomic and chemical evidence for local adaptation in resistance to different herbivores in <i>Datura stramonium</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 2629-2643	3.8	4
403	Estimating uncertainty in divergence times among three-spined stickleback clades using the multispecies coalescent. <i>Molecular Phylogenetics and Evolution</i> , 2020 , 142, 106646	4.1	18
402	From ecology to genetics and back: the tale of two flounder species in the Baltic Sea. <i>ICES Journal of Marine Science</i> , 2019 , 76, 2267-2275	2.7	3
401	Aging three-spined sticklebacks <i>Gasterosteus aculeatus</i> : comparison of estimates from three structures. <i>Journal of Fish Biology</i> , 2019 , 95, 802-811	1.9	3
400	Phylogeographic patterns and conservation implications of the endangered Chinese giant salamander. <i>Ecology and Evolution</i> , 2019 , 9, 3879-3890	2.8	10
399	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, <i>Salamandra atra</i> , in Northern Israel. <i>Conservation Genetics</i> , 2019 , 20, 875-889	2.6	10
398	Cryptic temporal changes in stock composition explain the decline of a flounder (spp.) assemblage. <i>Evolutionary Applications</i> , 2019 , 12, 549-559	4.8	4
397	FishResp: R package and GUI application for analysis of aquatic respirometry data 2019 , 7, coz003		11
396	Variation in sexual brain size dimorphism over the breeding cycle in the three-spined stickleback. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	2
395	A phylogenomic perspective on diversity, hybridization and evolutionary affinities in the stickleback genus <i>Pungitius</i> . <i>Molecular Ecology</i> , 2019 , 28, 4046-4064	5.7	17
394	Complete mitochondrial genome sequence of the Himalayan Griffon, (Accipitriformes: Accipitridae): Sequence, structure, and phylogenetic analyses. <i>Ecology and Evolution</i> , 2019 , 9, 8813-8828 ^{2.8}		9
393	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019 , 10, 3109	17.4	141
392	A High-Quality Assembly of the Nine-Spined Stickleback (<i>Pungitius pungitius</i>) Genome. <i>Genome Biology and Evolution</i> , 2019 , 11, 3291-3308	3.9	22
391	Effects of marker type and filtering criteria on - comparisons. <i>Royal Society Open Science</i> , 2019 , 6, 190666 ³		5
390	The evolution of sex determination associated with a chromosomal inversion. <i>Nature Communications</i> , 2019 , 10, 145	17.4	28
389	Linkage disequilibrium clustering-based approach for association mapping with tightly linked genome-wide data. <i>Molecular Ecology Resources</i> , 2018 , 18, 809-824	8.4	16
388	Evolutionary Responses to Climate Change 2018 , 51-59		2
387	Selection on the morphology-physiology-performance nexus: Lessons from freshwater stickleback morphs. <i>Ecology and Evolution</i> , 2018 , 8, 1286-1299	2.8	6

386	Platichthys solemdali sp. nov. (Actinopterygii, Pleuronectiformes): A New Flounder Species From the Baltic Sea. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	20
385	Heterochronic development of lateral plates in the three-spined stickleback induced by thyroid hormone level alterations. <i>PLoS ONE</i> , 2018 , 13, e0194040	3.7	5
384	Worldwide phylogeny of three-spined sticklebacks. <i>Molecular Phylogenetics and Evolution</i> , 2018 , 127, 613-625	4.1	33
383	Morphologically indistinguishable hybrid Carassius female with 156 chromosomes: A threat for the threatened crucian carp, <i>C. carassius</i> , L. <i>PLoS ONE</i> , 2018 , 13, e0190924	3.7	13
382	Modulation of Gene Expression in Liver of Hibernating Asiatic Toads (). <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
381	Deciphering the genomic architecture of the stickleback brain with a novel multilocus gene-mapping approach. <i>Molecular Ecology</i> , 2017 , 26, 1557-1575	5.7	14
380	Environmental enrichment, sexual dimorphism, and brain size in sticklebacks. <i>Ecology and Evolution</i> , 2017 , 7, 1691-1698	2.8	12
379	Regulatory Architecture of Gene Expression Variation in the Threespine Stickleback <i>Gasterosteus aculeatus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 165-178	3.2	11
378	Sticklebacks adapted to divergent osmotic environments show differences in plasticity for kidney morphology and candidate gene expression. <i>Journal of Experimental Biology</i> , 2017 , 220, 2175-2186	3	20
377	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
376	Small-scale spatial and temporal variation of life-history traits of common frogs (<i>Rana temporaria</i>) in sub-Arctic Finland. <i>Polar Biology</i> , 2017 , 40, 1581-1592	2	3
375	Structure and stability of genetic variance-covariance matrices: A Bayesian sparse factor analysis of transcriptional variation in the three-spined stickleback. <i>Molecular Ecology</i> , 2017 , 26, 5099-5113	5.7	2
374	Phylogeography and historical introgression in smoothtail nine-spined sticklebacks, <i>Pungitius laevis</i> (Gasterosteiformes: Gasterosteidae). <i>Biological Journal of the Linnean Society</i> , 2017 , 121, 340-354	1.9	2
373	Origin and introduction history of the least weasel (<i>Mustela nivalis</i>) on Mediterranean and Atlantic islands inferred from genetic data. <i>Biological Invasions</i> , 2017 , 19, 399-421	2.7	7
372	Cannibalism facilitates gigantism in a nine-spined stickleback (<i>Pungitius pungitius</i>) population. <i>Ecology of Freshwater Fish</i> , 2017 , 26, 686-694	2.1	3
371	Age at maturation has sex- and temperature-specific effects on telomere length in a fish. <i>Oecologia</i> , 2017 , 184, 767-777	2.9	11
370	Heritability and evolvability of fitness and nonfitness traits: Lessons from livestock. <i>Evolution; International Journal of Organic Evolution</i> , 2016 , 70, 1770-9	3.8	25
369	Complete mitochondrial genome of the Greek nine-spined stickleback (Gasterosteiformes, Gasterosteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 66-67	0.5	2

368	Complete mitochondrial genome of the Ukrainian nine-spined stickleback (Gasterosteiformes, Gasterosteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 68-69	0.5	1
367	Complete mitochondrial genomes of the smooth tail nine-spined sticklebacks (Gasterosteiformes, Gasterosteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 70-71	0.5	2
366	Complete mitochondrial genome of the nine-spined stickleback (Gasterosteiformes, Gasterosteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 72-73	0.5	3
365	Complete mitochondrial genome of the Sakhalin nine-spined stickleback (Gasterosteiformes, Gasterosteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 74-75	0.5	1
364	On plasticity of aggression: influence of past and present predation risk, social environment and sex. <i>Behavioral Ecology and Sociobiology</i> , 2016 , 70, 179-187	2.5	9
363	Taxonomic status and origin of the Egyptian weasel (<i>Mustela subpalmata</i>) inferred from mitochondrial DNA. <i>Genetica</i> , 2016 , 144, 191-202	1.5	4
362	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 85-87	10.9	10
361	A New Species of Frog (Anura: Dicroglossidae) Discovered from the Mega City of Dhaka. <i>PLoS ONE</i> , 2016 , 11, e0149597	3.7	4
360	A universal and reliable assay for molecular sex identification of three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Molecular Ecology Resources</i> , 2016 , 16, 1389-1400	8.4	11
359	Genomewide scan for adaptive differentiation along altitudinal gradient in the Andrew's toad <i>Bufo andrewsi</i> . <i>Molecular Ecology</i> , 2016 , 25, 3884-900	5.7	21
358	Population genomic evidence for adaptive differentiation in the Baltic Sea herring. <i>Molecular Ecology</i> , 2016 , 25, 2833-52	5.7	53
357	Effects of perceived predation risk and social environment on the development of three-spined stickleback (<i>Gasterosteus aculeatus</i>) morphology. <i>Biological Journal of the Linnean Society</i> , 2016 , 118, 520-535	1.9	12
356	A test for within-lake niche differentiation in the nine-spined sticklebacks (<i>Pungitius pungitius</i>). <i>Ecology and Evolution</i> , 2016 , 6, 4753-60	2.8	0
355	Quantitative trait locus analysis of body shape divergence in nine-spined sticklebacks based on high-density SNP-panel. <i>Scientific Reports</i> , 2016 , 6, 26632	4.9	8
354	The genetic contribution to sex determination and number of sex chromosomes vary among populations of common frogs (<i>Rana temporaria</i>). <i>Heredity</i> , 2016 , 117, 25-32	3.6	25
353	Does predation drive morphological differentiation among Adriatic populations of the three-spined stickleback?. <i>Biological Journal of the Linnean Society</i> , 2015 , 115, 219-240	1.9	6
352	Quantitative genetic analysis of brain size variation in sticklebacks: support for the mosaic model of brain evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	34
351	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 581-589	10.9	72

350	Population genomic evidence for adaptive differentiation in Baltic Sea three-spined sticklebacks. <i>BMC Biology</i> , 2015 , 13, 19	7.3	91
349	Evolutionary biology: Perplexing effects of phenotypic plasticity. <i>Nature</i> , 2015 , 525, 326-7	50.4	9
348	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
347	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
346	Comparison of catch per unit effort among four minnow trap models in the three-spined stickleback (<i>Gasterosteus aculeatus</i>) fishery. <i>Scientific Reports</i> , 2015 , 5, 18548	4.9	2
345	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
344	Population divergence in compensatory growth responses and their costs in sticklebacks. <i>Ecology and Evolution</i> , 2015 , 5, 7-23	2.8	8
343	Mitochondrial phylogeography and cryptic divergence in the stickleback genus <i>Pungitius</i> . <i>Journal of Biogeography</i> , 2015 , 42, 2334-2348	4.1	20
342	Experimental evidence for sex-specific plasticity in adult brain. <i>Frontiers in Zoology</i> , 2015 , 12, 38	2.8	14
341	Factors influencing three-spined stickleback <i>Gasterosteus aculeatus</i> (Linnaeus 1758) catch per unit effort. <i>Journal of Applied Ichthyology</i> , 2015 , 31, 905-908	0.9	3
340	Evolution of anuran brains: disentangling ecological and phylogenetic sources of variation. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 1986-96	2.3	32
339	A new species of <i>Euphlyctis</i> (Anura: Dicroglossidae) from Barisal, Bangladesh. <i>PLoS ONE</i> , 2015 , 10, e0116666	6	6
338	A new species of <i>Microhyla</i> (Anura: Microhylidae) from Nilphamari, Bangladesh. <i>PLoS ONE</i> , 2015 , 10, e0119825	14	14
337	Temporal stability of genetic variability and differentiation in the three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>PLoS ONE</i> , 2015 , 10, e0123891	3.7	12
336	Genetic Variability and Structuring of Arctic Charr (<i>Salvelinus alpinus</i>) Populations in Northern Fennoscandia. <i>PLoS ONE</i> , 2015 , 10, e0140344	3.7	8
335	Baiting improves CPUE in nine-spined stickleback (<i>Pungitius pungitius</i>) minnow trap fishery. <i>Ecology and Evolution</i> , 2015 , 5, 3737-42	2.8	3
334	Consistent isotopic differences between <i>Schistocephalus</i> spp. parasites and their stickleback hosts. <i>Diseases of Aquatic Organisms</i> , 2015 , 115, 121-8	1.7	4
333	Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. <i>Evolutionary Applications</i> , 2014 , 7, 1-14	4.8	710

332	Geographic variation in sex-chromosome differentiation in the common frog (<i>Rana temporaria</i>). <i>Molecular Ecology</i> , 2014 , 23, 3409-18	5.7	27
331	Landscape influences on dispersal behaviour: a theoretical model and empirical test using the fire salamander, <i>Salamandra atra</i> . <i>Oecologia</i> , 2014 , 175, 509-20	2.9	20
330	Disentangling plastic and genetic changes in body mass of Siberian jays. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 1849-58	2.3	11
329	Local adaptation to salinity in the three-spined stickleback?. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 290-302	2.3	46
328	Lakes and ponds as model systems to study parallel evolution. <i>Journal of Limnology</i> , 2014 , 73,	1.5	4
327	Cross-generational costs of compensatory growth in nine-spined sticklebacks. <i>Oikos</i> , 2014 , 123, 1489-1498		8
326	Evidence for sex-specific selection in brain: a case study of the nine-spined stickleback. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 1604-12	2.3	14
325	Mechanism of hybridization between bream <i>Abramis brama</i> and roach <i>Rutilus rutilus</i> in their native range. <i>Journal of Fish Biology</i> , 2014 , 84, 237-42	1.9	8
324	Identification of major and minor QTL for ecologically important morphological traits in three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 595-604	3.2	23
323	Genome-wide linkage disequilibrium in nine-spined stickleback populations. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 1919-29	3.2	8
322	Bringing habitat information into statistical tests of local adaptation in quantitative traits: a case study of nine-spined sticklebacks. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 559-68	3.8	33
321	QTL analysis of behavior in nine-spined sticklebacks (<i>Pungitius pungitius</i>). <i>Behavior Genetics</i> , 2014 , 44, 77-88	3.2	16
320	Geographic variation in age structure and longevity in the nine-spined stickleback (<i>Pungitius pungitius</i>). <i>PLoS ONE</i> , 2014 , 9, e102660	3.7	10
319	Evolutionary potential and constraints in wild populations 2014 , 190-208		31
318	Large differences in catch per unit of effort between two minnow trap models. <i>BMC Research Notes</i> , 2013 , 6, 151	2.3	8
317	Evidence for adaptive phenotypic differentiation in Baltic Sea sticklebacks. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 1700-15	2.3	45
316	Isolation and characterization of 113 polymorphic microsatellite loci for the Tibetan frog (<i>Nanorana parkeri</i>) using next generation sequencing. <i>Conservation Genetics Resources</i> , 2013 , 5, 915-924	0.8	2
315	Evolution of stickleback feeding behaviour: genetics of population divergence at different ontogenetic stages. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 955-62	2.3	13

314	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
313	Ecological genomics of local adaptation. <i>Nature Reviews Genetics</i> , 2013 , 14, 807-20	30.1	710
312	Quantitative trait loci for growth and body size in the nine-spined stickleback <i>Pungitius pungitius</i> L. <i>Molecular Ecology</i> , 2013 , 22, 5861-76	5.7	26
311	The role of golf courses in maintaining genetic connectivity between common frog (<i>Rana temporaria</i>) populations in an urban setting. <i>Conservation Genetics</i> , 2013 , 14, 1057-1064	2.6	9
310	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. <i>Biodiversity and Conservation</i> , 2013 , 22, 3045-3065	3.4	41
309	Genomic divergence between nine- and three-spined sticklebacks. <i>BMC Genomics</i> , 2013 , 14, 756	4.5	33
308	High degree of genetic differentiation in marine three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Molecular Ecology</i> , 2013 , 22, 4811-28	5.7	25
307	Optimal growth strategies under divergent predation pressure. <i>Journal of Fish Biology</i> , 2013 , 82, 318-31	1.9	8
306	Genetic population structure of the endangered fire salamander (<i>Salamandra atra</i>) at the southernmost extreme of its distribution. <i>Animal Conservation</i> , 2013 , 16, 412-421	3.2	22
305	Facultative Sex Allocation and Sex-Specific Offspring Survival in Barrow Goldeneyes. <i>Ethology</i> , 2013 , 119, 146-155	1.7	0
304	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
303	Q(ST)-F(ST) comparisons: evolutionary and ecological insights from genomic heterogeneity. <i>Nature Reviews Genetics</i> , 2013 , 14, 179-90	30.1	267
302	Characterizing genic and nongenic molecular markers: comparison of microsatellites and SNPs. <i>Molecular Ecology Resources</i> , 2013 , 13, 377-92	8.4	75
301	Evidence for genetic differentiation in timing of maturation among nine-spined stickleback populations. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 775-82	2.3	12
300	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
299	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
298	Genetic architecture of parallel pelvic reduction in ninespine sticklebacks. <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 1833-42	3.2	27
297	Transcription and redox enzyme activities: comparison of equilibrium and disequilibrium levels in the three-spined stickleback. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122974	4.4	20

296	Progressive recombination suppression and differentiation in recently evolved neo-sex chromosomes. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1131-44	8.3	74
295	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
294	Asymmetry in threespine stickleback lateral plates. <i>Journal of Zoology</i> , 2013 , 289, 279-284	2	2
293	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
292	Potential effects of climate change on the distribution of the common frog <i>Rana temporaria</i> at its northern range margin. <i>Israel Journal of Ecology and Evolution</i> , 2013 , 59, 130-140	0.8	7
291	Evolutionary ecology of intraspecific brain size variation: a review. <i>Ecology and Evolution</i> , 2013 , 3, 2751-648	6.48	83
290	Variation in age and size in Fennoscandian three-spined sticklebacks (<i>Gasterosteus aculeatus</i>). <i>PLoS ONE</i> , 2013 , 8, e80866	3.7	27
289	Multiple evolutionary pathways to decreased lateral plate coverage in freshwater threespine sticklebacks. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 3866-75	3.8	32
288	Kin association during brood care in a facultatively social bird: active discrimination or by-product of partner choice and demography?. <i>Molecular Ecology</i> , 2012 , 21, 3341-51	5.7	15
287	Contrasting growth strategies of pond versus marine populations of nine-spined stickleback (<i>Pungitius pungitius</i>): a combined effect of predation and competition?. <i>Evolutionary Ecology</i> , 2012 , 26, 109-122	1.8	26
286	Spectral tuning by selective chromophore uptake in rods and cones of eight populations of nine-spined stickleback (<i>Pungitius pungitius</i>). <i>Journal of Experimental Biology</i> , 2012 , 215, 2760-73	3	19
285	Body size divergence in nine-spined sticklebacks: disentangling additive genetic and maternal effects. <i>Biological Journal of the Linnean Society</i> , 2012 , 107, 521-528	1.9	25
284	Endemic <i>Indirana</i> Frogs of the Western Ghats Biodiversity Hotspot. <i>Annales Zoologici Fennici</i> , 2012 , 49, 257-286	0.9	8
283	Genetic variation and differentiation in <i>Indirana beddomii</i> frogs endemic to the Western Ghats biodiversity hotspot. <i>Conservation Genetics</i> , 2012 , 13, 1459-1467	2.6	9
282	Effective size and genetic composition of two exploited, migratory whitefish (<i>Coregonus lavaretus lavaretus</i>) populations. <i>Conservation Genetics</i> , 2012 , 13, 1509-1520	2.6	6
281	Contrasting population structures in two sympatric fishes in the Baltic Sea basin. <i>Marine Biology</i> , 2012 , 159, 1659-1672	2.5	31
280	Seasonality determines patterns of growth and age structure over a geographic gradient in an ectothermic vertebrate. <i>Oecologia</i> , 2012 , 170, 641-9	2.9	31
279	Factors influencing nine-spined stickleback (<i>Pungitius pungitius</i>) trapping success. <i>Annales Zoologici Fennici</i> , 2012 , 49, 350-354	0.9	5

278	High cryptic diversity of endemic <i>Indirana</i> frogs in the Western Ghats biodiversity hotspot. <i>Animal Conservation</i> , 2012 , 15, 489-498	3.2	13
277	High levels of fluctuating asymmetry in isolated stickleback populations. <i>BMC Evolutionary Biology</i> , 2012 , 12, 115	3	17
276	Whole mitochondrial genome scan for population structure and selection in the Atlantic herring. <i>BMC Evolutionary Biology</i> , 2012 , 12, 248	3	40
275	Morphological anti-predator defences in the nine-spined stickleback: constitutive, induced or both?. <i>Biological Journal of the Linnean Society</i> , 2012 , 107, 854-866	1.9	12
274	Cross-species testing and utility of microsatellite loci in <i>Indirana</i> frogs. <i>BMC Research Notes</i> , 2012 , 5, 389	2.3	7
273	Heritability of asymmetry and lateral plate number in the threespine stickleback. <i>PLoS ONE</i> , 2012 , 7, e39843	3.7	20
272	Sex differences in age structure, growth rate and body size of common frogs <i>Rana temporaria</i> in the subarctic. <i>Polar Biology</i> , 2012 , 35, 1505-1513	2	10
271	Evolution in response to climate change: in pursuit of the missing evidence. <i>BioEssays</i> , 2012 , 34, 811-8	4.1	121
270	Development of 61 new transcriptome-derived microsatellites for the Atlantic herring (<i>Clupea harengus</i>). <i>Conservation Genetics Resources</i> , 2012 , 4, 71-74	0.8	15
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