Axel Meyer

List of Publications by Year
in descending order

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478 papers	46,385 citations	2197 102 h-index	3508 188 g-index
507 all docs	507 docs citations	507 times ranked	36778 citing authors

#	Article	IF	Citations
1	Molecular parallelism in the evolution of a master sexâ€determining role for the antiâ€Mullerian hormone receptor 2 gene (amhr2) in Midas cichlids. Molecular Ecology, 2023, 32, 1398-1410.	2.0	8
2	Heterogeneity across Neotropical aquatic environments affects prokaryotic and eukaryotic biodiversity based on environmental DNA. Environmental DNA, 2022, 4, 469-484.	3.1	1
3	Genomic basis of evolutionary adaptation in a warm-blooded fish. Innovation(China), 2022, 3, 100185.	5.2	8
4	Transposon-induced epigenetic silencing in the X chromosome as a novel form of dmrt1 expression regulation during sex determination in the fighting fish. BMC Biology, 2022, 20, 5.	1.7	32
5	An intronic transposon insertion associates with a trans-species color polymorphism in Midas cichlid fishes. Nature Communications, 2022, 13, 296.	5.8	18
6	Between a Rock and a Hard Polytomy: Phylogenomics of the Rock-Dwelling Mbuna Cichlids of Lake MalaÅµi. Systematic Biology, 2022, 71, 741-757.	2.7	17
7	The repeated evolution of stripe patterns is correlated with body morphology in the adaptive radiations of East African cichlid fishes. Ecology and Evolution, 2022, 12, e8568.	0.8	12
8	Emergence of distinct syntenic density regimes is associated with early metazoan genomic transitions. BMC Genomics, 2022, 23, 143.	1.2	6
9	Thyroid hormone tinkering elicits integrated phenotypic changes potentially explaining rapid adaptation of color vision in cichlid fish. Evolution; International Journal of Organic Evolution, 2022, 76, 837-845.	1.1	4
10	Benefits and limitations of a new genomeâ€based PCRâ€RFLP genotyping assay (GBâ€RFLP): A SNPâ€based detection method for identification of species in extremely young adaptive radiations. Ecology and Evolution, 2022, 12, e8751.	0.8	1
11	Vegetation changes over the last centuries in the Lower Lake Constance region reconstructed from sedimentâ€core environmental DNA. Environmental DNA, 2022, 4, 830-845.	3.1	7
12	Phylogenomic Analyses Show Repeated Evolution of Hypertrophied Lips Among Lake Malawi Cichlid Fishes. Genome Biology and Evolution, 2022, 14, .	1.1	10
13	Genetic assimilation and the evolution of direction of genital asymmetry in anablepid fishes. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220266.	1.2	3
14	Phylogenomics of trophically diverse cichlids disentangles processes driving adaptive radiation and repeated trophic transitions. Ecology and Evolution, 2022, 12, .	0.8	5
15	Anthropogenic impact on the historical phytoplankton community of Lake Constance reconstructed by multimarker analysis of sedimentâ€core environmental DNA. Molecular Ecology, 2021, 30, 3040-3056.	2.0	28
16	The Developmental and Genetic Architecture of the Sexually Selected Male Ornament of Swordtails. Current Biology, 2021, 31, 911-922.e4.	1.8	24
17	The comparative genomic landscape of adaptive radiation in crater lake cichlid fishes. Molecular Ecology, 2021, 30, 955-972.	2.0	12
18	Different Sources of Allelic Variation Drove Repeated Color Pattern Divergence in Cichlid Fishes. Molecular Biology and Evolution, 2021, 38, 465-477.	3.5	20

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19	Sympatric and Allopatric Diversification in the Adaptive Radiations of Midas Cichlids in Nicaraguan Lakes. , 2021, , 175-216.		11
20	Genome sequences reveal global dispersal routes and suggest convergent genetic adaptations in seahorse evolution. Nature Communications, 2021, 12, 1094.	5.8	29
21	Nuisance species in lake constance revealed through eDNA. Biological Invasions, 2021, 23, 1619-1636.	1.2	5
22	Reversed evolution of grazer resistance to cyanobacteria. Nature Communications, 2021, 12, 1945.	5.8	12
23	Diversity in visual sensitivity across Neotropical cichlid fishes via differential expression and intraretinal variation of opsin genes. Molecular Ecology, 2021, 30, 1880-1891.	2.0	11
24	Functional conservation and divergence of colorâ€patternâ€related agouti family genes in teleost fishes. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 443-450.	0.6	10
25	Genomic Basis of Striking Fin Shapes and Colors in the Fighting Fish. Molecular Biology and Evolution, 2021, 38, 3383-3396.	3.5	33
26	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	13.7	1,139
27	Neoceratodus forsteri (Australian lungfish). Trends in Genetics, 2021, 37, 600-601.	2.9	0
28	Spiny and soft-rayed fin domains in acanthomorph fish are established through a BMP-gremlin-shhsignaling network. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
29	Rapid adaptive radiation in a hillstream cyprinid fish in the East African White Nile River basin. Molecular Ecology, 2021, 30, 5530-5550.	2.0	9
30	Seadragon genome analysis provides insights into its phenotype and sex determination locus. Science Advances, 2021, 7, .	4.7	32
31	Of bars and stripes: A Malawi cichlid hybrid cross provides insights into genetic modularity and evolution of modifier loci underlying colour pattern diversification. Molecular Ecology, 2021, 30, 4789-4803.	2.0	15
32	Giant lungfish genome elucidates the conquest of land by vertebrates. Nature, 2021, 590, 284-289.	13.7	132
33	Dual function and associated costs of a highly exaggerated trait in a cichlid fish. Ecology and Evolution, 2021, 11, 17496-17508.	0.8	6
34	Asymmetry in genitalia is in sync with lateralized mating behavior but not with the lateralization of other behaviors. Environmental Epigenetics, 2020, 66, 71-81.	0.9	13
35	Diving into divergence: Differentiation in swimming performances, physiology and gene expression between locallyâ€adapted sympatric cichlid fishes. Molecular Ecology, 2020, 29, 1219-1234.	2.0	12
36	The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. Science, 2020, 370, 208-214.	6.0	41

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37	Optimized and affordable highâ€throughput sequencing workflow for preserved and nonpreserved small zooplankton specimens. Molecular Ecology Resources, 2020, 20, 1632-1646.	2.2	9
38	The direction of genital asymmetry is expressed stochastically in internally fertilizing anablepid fishes. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200969.	1.2	2
39	Neural innervation as a potential trigger of morphological color change and sexual dimorphism in cichlid fish. Scientific Reports, 2020, 10, 12329.	1.6	23
40	Contrasting signatures of genomic divergence during sympatric speciation. Nature, 2020, 588, 106-111.	13.7	115
41	Parallel and non-parallel changes of the gut microbiota during trophic diversification in repeated young adaptive radiations of sympatric cichlid fish. Microbiome, 2020, 8, 149.	4.9	13
42	Evolutionary dynamics of pre- and postzygotic reproductive isolation in cichlid fishes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190535.	1.8	18
43	Sarcopterygian fin ontogeny elucidates the origin of hands with digits. Science Advances, 2020, 6, eabc3510.	4.7	28
44	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. Science Advances, 2020, 6, eaaz7677.	4.7	59
45	Grand Challenges in Comparative Tooth Biology. Integrative and Comparative Biology, 2020, 60, 563-580.	0.9	10
46	Phenotypic Plasticity in Vertebrate Dentitions. Integrative and Comparative Biology, 2020, 60, 608-618.	0.9	3
47	Habitat light sets the boundaries for the rapid evolution of cichlid fish vision, while sexual selection can tune it within those limits. Molecular Ecology, 2020, 29, 1476-1493.	2.0	10
48	Convergent Evolution of Cichlid Fish Pharyngeal Jaw Dentitions in Mollusk-Crushing Predators: Comparative X-Ray Computed Tomography of Tooth Sizes, Numbers, and Replacement. Integrative and Comparative Biology, 2020, 60, 656-664.	0.9	6
49	A Genomic Cluster Containing Novel and Conserved Genes is Associated with Cichlid Fish Dental Developmental Convergence. Molecular Biology and Evolution, 2020, 37, 3165-3174.	3.5	12
50	Developmental and Cellular Basis of Vertical Bar Color Patterns in the East African Cichlid Fish Haplochromis latifasciatus. Frontiers in Cell and Developmental Biology, 2020, 8, 62.	1.8	25
51	Implementing Large Genomic Single Nucleotide Polymorphism Data Sets in Phylogenetic Network Reconstructions: A Case Study of Particularly Rapid Radiations of Cichlid Fish. Systematic Biology, 2020, 69, 848-862.	2.7	37
52	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. Nature Ecology and Evolution, 2020, 4, 841-852.	3.4	159
53	Reconstructing the Evolutionary History of Chromosomal Races on Islands: A Genome-Wide Analysis of Natural House Mouse Populations. Molecular Biology and Evolution, 2020, 37, 2825-2837.	3.5	13
54	MicroRNA Gene Regulation in Extremely Young and Parallel Adaptive Radiations of Crater Lake Cichlid Fish. Molecular Biology and Evolution, 2019, 36, 2498-2511.	3.5	24

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55	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. Genome Biology and Evolution, 2019, 11, 2099-2106.	1.1	17
56	Molecular and morphological convergence to sulfide-tolerant fishes in a new species of Jenynsia (Cyprinodontiformes: Anablepidae), the first extremophile member of the family. PLoS ONE, 2019, 14, e0218810.	1.1	13
57	Conservation and novelty in the microRNA genomic landscape of hyperdiverse cichlid fishes. Scientific Reports, 2019, 9, 13848.	1.6	25
58	Reverting ontogeny: rapid phenotypic plasticity of colour vision in cichlid fish. Royal Society Open Science, 2019, 6, 190841.	1.1	16
59	Lissamphibian limbs and the origins of tetrapod hox domains. Developmental Biology, 2019, 456, 138-144.	0.9	11
60	Divergent Allometric Trajectories in Gene Expression and Coexpression Produce Species Differences in Sympatrically Speciating Midas Cichlid Fish. Genome Biology and Evolution, 2019, 11, 1644-1657.	1.1	9
61	A comprehensive overview of the developmental basis and adaptive significance of a textbook polymorphism: head asymmetry in the cichlid fish Perissodus microlepis. Hydrobiologia, 2019, 832, 65-84.	1.0	13
62	Genome of the Malawi golden cichlid fish (Melanochromis auratus) reveals exon loss of oca2 in an amelanistic morph. Pigment Cell and Melanoma Research, 2019, 32, 719-723.	1.5	19
63	Asymmetric paralog evolution between the â€œcrypticâ€•gene Bmp16 and its well-studied sister genes Bmp2 and Bmp4. Scientific Reports, 2019, 9, 3136.	1.6	1,637
64	The genome of the arapaima (Arapaima gigas) provides insights into gigantism, fast growth and chromosomal sex determination system. Scientific Reports, 2019, 9, 5293.	1.6	25
65	Fragile DNA contributes to repeated evolution. Genome Biology, 2019, 20, 39.	3.8	8
66	Pleiotropic jaw morphology links the evolution of mechanical modularity and functional feeding convergence in Lake Malawi cichlids. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182358.	1.2	23
67	Evolutionary Dynamics of Structural Variation at a Key Locus for Color Pattern Diversification in Cichlid Fishes. Genome Biology and Evolution, 2019, 11, 3452-3465.	1.1	15
68	Early developmental and allometric patterns in the electric yellow cichlid Labidochromis caeruleus. Journal of Fish Biology, 2018, 92, 1888-1901.	0.7	11
69	Genetic evidence for panmixia in a colony-breeding crater lake cichlid fish. Scientific Reports, 2018, 8, 1166.	1.6	6
70	The skeletal ontogeny of Astatotilapia burtoni â€“ a direct-developing model system for the evolution and development of the teleost body plan. BMC Developmental Biology, 2018, 18, 8.	2.1	33
71	Success of cuckoo catfish brood parasitism reflects coevolutionary history and individual experience of their cichlid hosts. Science Advances, 2018, 4, eaar4380.	4.7	26
72	Morphological and genetic correlates in the leftâ€“right asymmetric scale-eating cichlid fish of Lake Tanganyika. Biological Journal of the Linnean Society, 2018, 124, 67-84.	0.7	13

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73	Dissecting a potential spandrel of adaptive radiation: Body depth and pectoral fin ecomorphology coevolve in Lake Malawi cichlid fishes. Ecology and Evolution, 2018, 8, 11945-11953.	0.8	13
74	Genome sequence of walking catfish (Clarias batrachus) provides insights into terrestrial adaptation. BMC Genomics, 2018, 19, 952.	1.2	36
75	Long-term experimental hybridisation results in the evolution of a new sex chromosome in swordtail fish. Nature Communications, 2018, 9, 5136.	5.8	27
76	Phylogenomics of a putatively convergent novelty: did hypertrophied lips evolve once or repeatedly in Lake Malawi cichlid fishes?. BMC Evolutionary Biology, 2018, 18, 179.	3.2	14
77	Agouti-related peptide 2 facilitates convergent evolution of stripe patterns across cichlid fish radiations. Science, 2018, 362, 457-460.	6.0	131
78	Lessons from a natural experiment: Allopatric morphological divergence and sympatric diversification in the Midas cichlid species complex are largely influenced by ecology in a deterministic way. Evolution Letters, 2018, 2, 323-340.	1.6	39
79	Evolutionary divergence of 3â€™ UTRs in cichlid fishes. BMC Genomics, 2018, 19, 433.	1.2	20
80	Convergent phenotypic evolution of the visual system via different molecular routes: How Neotropical cichlid fishes adapt to novel light environments. Evolution Letters, 2018, 2, 341-354.	1.6	33
81	Phylogenomics uncovers early hybridization and adaptive loci shaping the radiation of Lake Tanganyika cichlid fishes. Nature Communications, 2018, 9, 3159.	5.8	162
82	Heterochronic opsin expression due to early light deprivation results in drastically shifted visual sensitivity in a cichlid fish: Possible role of thyroid hormone signaling. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 202-214.	0.6	16
83	Gene(s) and individual feeding behavior: Exploring ecoâ€evolutionary dynamics underlying leftâ€right asymmetry in the scaleâ€eating cichlid fish Perissodus microlepis. Ecology and Evolution, 2018, 8, 5495-5507.	0.8	3
84	The imperiled fish fauna in the Nicaragua Canal zone. Conservation Biology, 2017, 31, 86-95.	2.4	15
85	Towards understanding the genetic basis of mouth asymmetry in the scaleâ€eating cichlid Perissodus microlepis. Molecular Ecology, 2017, 26, 77-91.	2.0	25
86	Incipient speciation driven by hypertrophied lips in Midas cichlid fishes?. Molecular Ecology, 2017, 26, 2348-2362.	2.0	33
87	Genetic dissection of adaptive form and function in rapidly speciating cichlid fishes. Evolution; International Journal of Organic Evolution, 2017, 71, 1297-1312.	1.1	31
88	quaddRAD: a new highâ€multiplexing and PCR duplicate removal ddRAD protocol produces novel evolutionary insights in a nonradiating cichlid lineage. Molecular Ecology, 2017, 26, 2783-2795.	2.0	57
89	The role of rare morph advantage and conspicuousness in the stable goldâ€dark colour polymorphism of a crater lake Midas cichlid fish. Journal of Animal Ecology, 2017, 86, 1044-1053.	1.3	8
90	Phylogenomic analysis of a rapid radiation of misfit fishes (Syngnathiformes) using ultraconserved elements. Molecular Phylogenetics and Evolution, 2017, 113, 33-48.	1.2	49

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91	Rapid and Parallel Adaptive Evolution of the Visual System of Neotropical Midas Cichlid Fishes. Molecular Biology and Evolution, 2017, 34, 2469-2485.	3.5	60
92	Phylogenomic analysis of Lake Malawi cichlid fishes: Further evidence that the three-stage model of diversification does not fit. Molecular Phylogenetics and Evolution, 2017, 114, 40-48.	1.2	14
93	Animal tracking meets migration genomics: transcriptomic analysis of a partially migratory bird species. Molecular Ecology, 2017, 26, 3204-3216.	2.0	48
94	Genome Compositional Organization in Gars Shows More Similarities to Mammals than to Other Rayâ€Finned Fish. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 607-619.	0.6	27
95	Lateralized Feeding Behavior is Associated with Asymmetrical Neuroanatomy and Lateralized Gene Expressions in the Brain in Scale-Eating Cichlid Fish. Genome Biology and Evolution, 2017, 9, 3122-3136.	1.1	27
96	The Integrated Genomic Architecture and Evolution of Dental Divergence in East African Cichlid Fishes (Haplochromis chilotes x H. nyererei). G3: Genes, Genomes, Genetics, 2017, 7, 3195-3202.	0.8	16
97	Rapid adaptation to a novel light environment: The importance of ontogeny and phenotypic plasticity in shaping the visual system of Nicaraguan Midas cichlid fish (Amphilophus citrinellus spp.). Molecular Ecology, 2017, 26, 5582-5593.	2.0	50
98	Phylotranscriptomic consolidation of the jawed vertebrate timetree. Nature Ecology and Evolution, 2017, 1, 1370-1378.	3.4	247
99	Molecular investigation of genetic assimilation during the rapid adaptive radiations of East African cichlid fishes. Molecular Ecology, 2017, 26, 6634-6653.	2.0	22
100	How plasticity, genetic assimilation and cryptic genetic variation may contribute to adaptive radiations. Molecular Ecology, 2017, 26, 330-350.	2.0	160
101	Tol2 transposon-mediated transgenesis in the Midas cichlid (Amphilophus citrinellus) â€" towards understanding gene function and regulatory evolution in an ecological model system for rapid phenotypic diversification. BMC Developmental Biology, 2017, 17, 15.	2.1	14
102	Multispecies Outcomes of Sympatric Speciation after Admixture with the Source Population in Two Radiations of Nicaraguan Crater Lake Cichlids. PLoS Genetics, 2016, 12, e1006157.	1.5	97
103	Do relaxed selection and habitat temperature facilitate biased mitogenomic introgression in a narrowly endemic fish?. Ecology and Evolution, 2016, 6, 3684-3698.	0.8	13
104	Genetic linkage of distinct adaptive traits in sympatrically speciating crater lake cichlid fish. Nature Communications, 2016, 7, 12736.	5.8	61
105	The seahorse genome and the evolution of its specialized morphology. Nature, 2016, 540, 395-399.	13.7	186
106	Genetic evidence for prevalence of alloparental care in a socially monogamous biparental cichlid fish, Perissodus microlepis, from Lake Tanganyika supports the â€œselfish shepherd effectâ€•hypothesis. Ecology and Evolution, 2016, 6, 2843-2853.	0.8	12
107	Chromosomal rearrangements, phenotypic variation and modularity: a case study from a contact zone between house mouse Robertsonian races in Central Italy. Ecology and Evolution, 2016, 6, 1353-1362.	0.8	15
108	Fish Populations in East African Saline Lakes. , 2016, , 227-257.		9

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109	Evolution of the elaborate male intromittent organ of Xiphophorus fishes. Ecology and Evolution, 2016, 6, 7207-7220.	0.8	9
110	Incipient sympatric speciation in Midas cichlid fish from the youngest and one of the smallest crater lakes in Nicaragua due to differential use of the benthic and limnetic habitats?. Ecology and Evolution, 2016, 6, 5342-5357.	0.8	44
111	The Identification of the Closest Living Relative(s) of Tetrapods: Phylogenomic Lessons for Resolving Short Ancient Internodes. Systematic Biology, 2016, 65, 1057-1075.	2.7	45
112	Critical Uncertainties and Gaps in the Environmental- and Social-Impact Assessment of the Proposed Interoceanic Canal through Nicaragua. BioScience, 2016, 66, 632-645.	2.2	12
113	Oil extraction imperils Africa's Great Lakes. Science, 2016, 354, 561-562.	6.0	15
114	Biting into the Genome to Phenome Map: Developmental Genetic Modularity of Cichlid Fish Dentitions. Integrative and Comparative Biology, 2016, 56, 373-388.	0.9	25
115	The Role of microRNAs in the Repeated Parallel Diversification of Lineages of Midas Cichlid Fish from Nicaragua. Genome Biology and Evolution, 2016, 8, 1543-1555.	1.1	35
116	Are sympatrically speciating Midas cichlid fish special? Patterns of morphological and genetic variation in the closely related species Archocentrus centrarchus. Ecology and Evolution, 2016, 6, 4102-4114.	0.8	21
117	Ecoâ€morphological differentiation in Lake Magadi tilapia, an extremophile cichlid fish living in hot, alkaline and hypersaline lakes in East Africa. Molecular Ecology, 2016, 25, 1610-1625.	2.0	24
118	Genomic incompatibilities in the diploid and tetraploid offspring of the goldfish Ã— common carp cross. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1327-1332.	3.3	119
119	The spotted gar genome illuminates vertebrate evolution and facilitates human-teleost comparisons. Nature Genetics, 2016, 48, 427-437.	9.4	545
120	Lessons Learnt, Open Research Questions and Recommendations. Water Resources Development and Management, 2016, , 279-292.	0.3	0
121	Genetic and environmental effects on the morphological asymmetry in the scaleâ€eating cichlid fish, Perissodus microlepis. Ecology and Evolution, 2015, 5, 4277-4286.	0.8	19
122	Molecular Evolution of the Neural Crest Regulatory Network in Ray-Finned Fish. Genome Biology and Evolution, 2015, 7, 3033-3046.	1.1	8
123	Sympatric ecological divergence associated with a color polymorphism. BMC Biology, 2015, 13, 82.	1.7	32
124	Sexual dimorphism in a trophically polymorphic cichlid fish?. Journal of Morphology, 2015, 276, 1448-1454.	0.6	9
125	The phantoms of a high-seven - or - why do our thumbs stick out?. Frontiers in Zoology, 2015, 12, 23.	0.9	4
126	Intrastrand triplex DNA repeats in bacteria: a source of genomic instability. Nucleic Acids Research, 2015, 43, gkv1017.	6.5	18

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127	Transcriptomics of two evolutionary novelties: how to make a spermâ€transfer organ out of an anal fin and a sexually selected â€œswordâ€•out of a caudal fin. Ecology and Evolution, 2015, 5, 848-864.	0.8	11
128	Rethink the Nicaragua Canal. Science, 2015, 347, 355-355.	6.0	18
129	Epigenetic modifications of the glucocorticoid receptor gene are associated with the vulnerability to psychopathology in childhood maltreatment. Translational Psychiatry, 2015, 5, e571-e571.	2.4	102
130	Ecological and Lineage-Specific Factors Drive the Molecular Evolution of Rhodopsin in Cichlid Fishes. Molecular Biology and Evolution, 2015, 32, 2876-2882.	3.5	30
131	What big lips are good for: on the adaptive function of repeatedly evolved hypertrophied lips of cichlid fishes. Biological Journal of the Linnean Society, 2015, 115, 448-455.	0.7	33
132	Embryonic and larval development in the Midas cichlid fish species flock (Amphilophus spp.): a new evo-devo model for the investigation of adaptive novelties and species differences. BMC Developmental Biology, 2015, 15, 12.	2.1	33
133	Extreme Evolution. Scientific American, 2015, 312, 70-75.	1.0	4
134	Evolution: Tinkering within Gene Regulatory Landscapes. Current Biology, 2015, 25, R285-R288.	1.8	14
135	Parallel evolution in Ugandan crater lakes: repeated evolution of limnetic body shapes in haplochromine cichlid fish. BMC Evolutionary Biology, 2015, 15, 9.	3.2	23
136	Genomics of Adaptation to Multiple Concurrent Stresses: Insights from Comparative Transcriptomics of a Cichlid Fish from One of Earthâ€™s Most Extreme Environments, the Hypersaline Soda Lake Magadi in Kenya, East Africa. Journal of Molecular Evolution, 2015, 81, 90-109.	0.8	42
137	Mapping active promoters by Ch<scp>IP</scp>â€seq profiling of H3K4me3 in cichlid fish â€“ a first step to uncover cisâ€regulatory elements in ecological model teleosts. Molecular Ecology Resources, 2015, 15, 761-771.	2.2	22
138	Closing the genotypeâ€“phenotype gap: Emerging technologies for evolutionary genetics in ecological model vertebrate systems. BioEssays, 2015, 37, 213-226.	1.2	59
139	The Gut Microbial Community of Midas Cichlid Fish in Repeatedly Evolved Limnetic-Benthic Species Pairs. PLoS ONE, 2014, 9, e95027.	1.1	68
140	Conservation: Nicaragua Canal could wreak environmental ruin. Nature, 2014, 506, 287-289.	13.7	32
141	The Imprinted NPAP1 Gene in the Praderâ€“Willi Syndrome Region Belongs to a POM121-Related Family of Retrogenes. Genome Biology and Evolution, 2014, 6, 344-351.	1.1	11
142	Evolution of genomic structural variation and genomic architecture in the adaptive radiations of African cichlid fishes. Frontiers in Genetics, 2014, 5, 163.	1.1	29
143	The Evolutionary Genomics of Cichlid Fishes: Explosive Speciation and Adaptation in the Postgenomic Era. Annual Review of Genomics and Human Genetics, 2014, 15, 417-441.	2.5	74
144	CRATER LAKE HABITAT PREDICTS MORPHOLOGICAL DIVERSITY IN ADAPTIVE RADIATIONS OF CICHLID FISHES. Evolution; International Journal of Organic Evolution, 2014, 68, 2145-2155.	1.1	30

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145	Evolution of the Vertebrate Pax4/6 Class of Genes with Focus on Its Novel Member, the Pax10 Gene. Genome Biology and Evolution, 2014, 6, 1635-1651.	1.1	23
146	Introgressive hybridization and latitudinal admixture clines in North Atlantic eels. BMC Evolutionary Biology, 2014, 14, 61.	3.2	15
147	Revisiting de Beerâ€™s textbook example of heterochrony and jaw elongation in fish: calmodulin expression reflects heterochronic growth, and underlies morphological innovation in the jaws of belonoid fishes. EvoDevo, 2014, 5, 8.	1.3	33
148	One cost of being gold: selective predation and implications for the maintenance of the Midas cichlid colour polymorphism (Perciformes: Cichlidae). Biological Journal of the Linnean Society, 2014, 111, 350-358.	0.7	14
149	Genomic architecture of ecologically divergent body shape in a pair of sympatric crater lake cichlid fishes. Molecular Ecology, 2014, 23, 1828-1845.	2.0	99
150	Differential predation on the two colour morphs of Nicaraguan Crater lake Midas cichlid fish: implications for the maintenance of its gold-dark polymorphism. Biological Journal of the Linnean Society, 2014, 112, 123-131.	0.7	18
151	SPECIES-SPECIFIC DIFFERENCES IN ADAPTIVE PHENOTYPIC PLASTICITY IN AN ECOLOGICALLY RELEVANT TROPHIC TRAIT: HYPERTROPHIC LIPS IN MIDAS CICHLID FISHES. Evolution; International Journal of Organic Evolution, 2014, 68, 2086-2091.	1.1	41
152	Crater lake cichlids individually specialize along the benthicâ€“limnetic axis. Ecology and Evolution, 2014, 4, 1127-1139.	0.8	38
153	Evolutionary active transposable elements in the genome of the coelacanth. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2014, 322, 322-333.	0.6	22
154	Parallel evolution of Nicaraguan crater lake cichlid fishes via non-parallel routes. Nature Communications, 2014, 5, 5168.	5.8	157
155	The genomic substrate for adaptive radiation in African cichlid fish. Nature, 2014, 513, 375-381.	13.7	874
156	Tempo and mode of recurrent polyploidization in the Carassius auratus species complex (Cypriniformes, Cyprinidae). Heredity, 2014, 112, 415-427.	1.2	41
157	Genetic mapping of horizontal stripes in Lake Victoria cichlid fishes: benefits and pitfalls of using RAD markers for dense linkage mapping. Molecular Ecology, 2014, 23, 5224-5240.	2.0	59
158	Pronounced genetic differentiation of small, isolated and fragmented tilapia populations inhabiting the Magadi Soda Lake in Kenya. Hydrobiologia, 2014, 739, 55-71.	1.0	18
159	The coelacanth and its genome. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2014, 322, 317-321.	0.6	2
160	Regulatory gene networks that shape the development of adaptive phenotypic plasticity in a cichlid fish. Molecular Ecology, 2014, 23, 4511-4526.	2.0	83
161	Molecular investigation of mechanical strain-induced phenotypic plasticity in the ecologically important pharyngeal jaws of cichlid fish. Journal of Applied Ichthyology, 2014, 30, 630-635.	0.3	25
162	Comprehensive phylogenetic analysis of all species of swordtails and platies (Pisces: Genus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td demonstrates that the sexually selected sword originated in the ancestral lineage of the genus, but was lost again secondarily. BMC Evolutionary Biology, 2013, 13, 25.	3.2	66

#	Article	IF	Citations
163	Transcriptomics of morphological color change in polychromatic Midas cichlids. BMC Genomics, 2013, 14, 171.	1.2	83
164	Trade-offs in cavefish sensory capacity. BMC Biology, 2013, 11, 5.	1.7	7
165	Shaping development through mechanical strain: the transcriptional basis of dietâ€induced phenotypic plasticity in a cichlid fish. Molecular Ecology, 2013, 22, 4516-4531.	2.0	85
166	CRATER LAKE COLONIZATION BY NEOTROPICAL CICHLID FISHES. Evolution; International Journal of Organic Evolution, 2013, 67, 281-288.	1.1	32
167	Multi-gene phylogeny of Madagascarâ€™s plated lizards, Zonosaurus and Tracheloptychus (Squamata:) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	5
168	Parsing parallel evolution: ecological divergence and differential gene expression in the adaptive radiations of thickâ€lipped <scp>M</scp>idas cichlid fishes from <scp>N</scp>icaragua. Molecular Ecology, 2013, 22, 650-669.	2.0	82
169	The African coelacanth genome provides insights into tetrapod evolution. Nature, 2013, 496, 311-316.	13.7	612
170	The evolutionary history of <scp>X</scp>iphophorus fish and their sexually selected sword: a genomeâ€wide approach using restriction siteâ€associated <scp>DNA</scp> sequencing. Molecular Ecology, 2013, 22, 2986-3001.	2.0	112
171	Sequencing of the sea lamprey (Petromyzon marinus) genome provides insights into vertebrate evolution. Nature Genetics, 2013, 45, 415-421.	9.4	588
172	A Hybrid Genetic Linkage Map of Two Ecologically and Morphologically Divergent Midas Cichlid Fishes (Amphilophusspp.) Obtained by Massively Parallel DNA Sequencing (ddRADSeq). G3: Genes, Genomes, Genetics, 2013, 3, 65-74.	0.8	79
173	Saltatory Evolution of the Ectodermal Neural Cortex Gene Family at the Vertebrate Origin. Genome Biology and Evolution, 2013, 5, 1485-1502.	1.1	3
174	Revealing Less Derived Nature of Cartilaginous Fish Genomes with Their Evolutionary Time Scale Inferred with Nuclear Genes. PLoS ONE, 2013, 8, e66400.	1.1	22
175	Resampling-Based Approaches to Study Variation in Morphological Modularity. PLoS ONE, 2013, 8, e69376.	1.1	37
176	Retinoic Acid Is Involved in the Metamorphosis of the Anal Fin into an Intromittent Organ, the Gonopodium, in the Green Swordtail (Xiphophorus hellerii). PLoS ONE, 2013, 8, e77580.	1.1	7
177	Genomics of adaptation and speciation in cichlid fishes: recent advances and analyses in African and Neotropical lineages. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 385-394.	1.8	46
178	Horizontal Transfers of Tc1 Elements between Teleost Fishes and Their Vertebrate Parasites, Lampreys. Genome Biology and Evolution, 2012, 4, 929-936.	1.1	45
179	Genomic signatures of divergent selection and speciation patterns in a â€˜natural experimentâ€™, the young parallel radiations of <scp>N</scp>icaraguan crater lake cichlid fishes. Molecular Ecology, 2012, 21, 4770-4786.	2.0	62
180	Mouth asymmetry in the textbook example of scale-eating cichlid fish is not a discrete dimorphism after all. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4715-4723.	1.2	24

#	Article	IF	Citations
181	Detection and Phylogenetic Assessment of Conserved Synteny Derived from Whole Genome Duplications. Methods in Molecular Biology, 2012, 855, 385-395.	0.4	23
182	A phylogeographic investigation of the hybrid origin of a species of swordtail fish from Mexico. Molecular Ecology, 2012, 21, 2692-2712.	2.0	17
183	Asymmetric admixture and morphological variability at a suture zone: parapatric burbot subspecies (Pisces) in the Mackenzie River basin, Canada. Hydrobiologia, 2012, 683, 217-229.	1.0	10
184	Introduced Predator Elicits Deficient Brood Defence Behaviour in a Crater Lake Fish. PLoS ONE, 2012, 7, e30064.	1.1	23
185	Eggspot Number and Sexual Selection in the Cichlid Fish Astatotilapia burtoni. PLoS ONE, 2012, 7, e43695.	1.1	12
186	Handed Foraging Behavior in Scale-Eating Cichlid Fish: Its Potential Role in Shaping Morphological Asymmetry. PLoS ONE, 2012, 7, e44670.	1.1	25
187	Adaptation in the age of ecological genomics: insights from parallelism and convergence. Trends in Ecology and Evolution, 2011, 26, 298-306.	4.2	366
188	Coâ€orthology of<scp>P</scp>ax4and<scp>P</scp>ax6to the flyeyelessgene: molecular phylogenetic, comparative genomic, and embryological analyses. Evolution & Development, 2011, 13, 448-459.	1.1	16
189	Independent fusions and recent origins of sex chromosomes in the evolution and diversification of glass knife fishes (Eigenmannia). Heredity, 2011, 106, 391-400.	1.2	42
190	Genetic structure and gene flow in an endangered native tilapia fish (Oreochromis esculentus) compared to invasive Nile tilapia (Oreochromis niloticus) in Yala swamp, East Africa. Conservation Genetics, 2011, 12, 243-255.	0.8	56
191	Species divergence and seasonal succession in rates of mate desertion in closely related Neotropical cichlid fishes. Behavioral Ecology and Sociobiology, 2011, 65, 607-612.	0.6	18
192	Adjustment of brood care behaviour in the absence of a mate in two species of Nicaraguan crater lake cichlids. Behavioral Ecology and Sociobiology, 2011, 65, 613-619.	0.6	21
193	Identification and Characterization of Gene Expression Involved in the Coloration of Cichlid Fish Using Microarray and qRT-PCR Approaches. Journal of Molecular Evolution, 2011, 72, 127-137.	0.8	16
194	Positive Darwinian Selection Drives the Evolution of the Morphology-Related Gene, EPCAM, in Particularly Species-Rich Lineages of African Cichlid Fishes. Journal of Molecular Evolution, 2011, 73, 1-9.	0.8	9
195	Ancestral and derived attributes of the dlx gene repertoire, cluster structure and expression patterns in an African cichlid fish. EvoDevo, 2011, 2, 1.	1.3	41
196	Adaptive phenotypic plasticity in the Midas cichlid fish pharyngeal jaw and its relevance in adaptive radiation. BMC Evolutionary Biology, 2011, 11, 116.	3.2	147
197	Unresolved orthology and peculiar coding sequence properties of lamprey genes: the KCNA gene family as test case. BMC Genomics, 2011, 12, 325.	1.2	70
198	Revisiting the origin of the vertebrate Hox14 by including its relict sarcopterygian members. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2011, 316B, 515-525.	0.6	16

#	Article	IF	Citations
199	Heritability and adaptive significance of the number of egg-dummies in the cichlid fish Astatotilapia burtoni. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2318-2324.	1.2	10
200	Comparative genomics approach to detecting split-coding regions in a low-coverage genome: lessons from the chimaera Callorhinchus milii (Holocephali, Chondrichthyes). Briefings in Bioinformatics, 2011, 12, 474-484.	3.2	11
201	Cyclohexane-1,2-Dione Hydrolase from Denitrifying Azoarcus sp. Strain 22Lin, a Novel Member of the Thiamine Diphosphate Enzyme Family. Journal of Bacteriology, 2011, 193, 6760-6769.	1.0	20
202	Transgenerational impact of intimate partner violence on methylation in the promoter of the glucocorticoid receptor. Translational Psychiatry, 2011, 1, e21-e21.	2.4	433
203	Similar levels of diversity and population Structure in superflock and non-superflock cichlid fishes from Lake Victoria, Africa. Tropical Freshwater Biology, 2011, 18, .	0.1	1
204	Genetic, Comparative Genomic, and Expression Analyses of the Mc1r Locus in the Polychromatic Midas Cichlid Fish (Teleostei, Cichlidae Amphilophus sp.) Species Group. Journal of Molecular Evolution, 2010, 70, 405-412.	0.8	39
205	Phylogeography, colonization and population history of the Midas cichlid species complex (Amphilophus spp.) in the Nicaraguan crater lakes. BMC Evolutionary Biology, 2010, 10, 326.	3.2	90
206	Rapid sympatric ecological differentiation of crater lake cichlid fishes within historic times. BMC Biology, 2010, 8, 60.	1.7	112
207	Rapid evolution and selection inferred from the transcriptomes of sympatric crater lake cichlid fishes. Molecular Ecology, 2010, 19, 197-211.	2.0	203
208	Sympatric speciation without borders?. Molecular Ecology, 2010, 19, 1991-1993.	2.0	5
209	George C. Williams (1926â€“2010). Nature, 2010, 467, 790-790.	13.7	1
210	2R or not 2R is not the question anymore. Nature Reviews Genetics, 2010, 11, 166-166.	7.7	53
211	Genetic support for random mating between left and rightâ€mouth morphs in the dimorphic scaleâ€eating cichlid fish Perissodus microlepis from Lake Tanganyika. Journal of Fish Biology, 2010, 76, 1940-1957.	0.7	19
212	Genetic signatures in an invasive parasite of Anguilla anguilla correlate with differential stock management. Journal of Fish Biology, 2010, 77, 191-210.	0.7	6
213	Genetic structure of the vairone Telestes souffia in the eastern part of Lake Constance, central Europe. Journal of Fish Biology, 2010, 77, 1158-1164.	0.7	1
214	Local variation and parallel evolution: morphological and genetic diversity across a species complex of neotropical crater lake cichlid fishes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1763-1782.	1.8	162
215	Conservation of shh cis-regulatory architecture of the coelacanth is consistent with its ancestral phylogenetic position. EvoDevo, 2010, 1, 11.	1.3	15
216	Territorial aggression can be sensitive to the status of heterospecific intruders. Behavioural Processes, 2010, 84, 598-601.	0.5	47

#	Article	IF	Citations
217	Formation of oral and pharyngeal dentition in teleosts depends on differential recruitment of retinoic acid signaling. FASEB Journal, 2010, 24, 3298-3309.	0.2	32
218	Evidence of Selection upon Genomic GC-Content in Bacteria. PLoS Genetics, 2010, 6, e1001107.	1.5	355
219	The evolution and maintenance of Hox gene clusters in vertebrates and the teleost-specific genome duplication. International Journal of Developmental Biology, 2009, 53, 765-773.	0.3	101
220	A Microsatellite-Based Genetic Linkage Map of the Cichlid Fish,Astatotilapia burtoni(Teleostei): A Comparison of Genomic Architectures Among Rapidly Speciating Cichlids. Genetics, 2009, 182, 387-397.	1.2	62
221	Pleistocene desiccation in East Africa bottlenecked but did not extirpate the adaptive radiation of Lake Victoria haplochromine cichlid fishes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13404-13409.	3.3	82
222	Cyclohexane-1,2-dione hydrolase: A new tool to degrade alicyclic compounds. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 47-49.	1.8	23
223	The origin of bmp16, a novel Bmp2/4relative, retained in teleost fish genomes. BMC Evolutionary Biology, 2009, 9, 277.	3.2	38
224	Identification of novel genes involved in the development of the sword and gonopodium in swordtail fish. Developmental Dynamics, 2009, 238, 1674-1687.	0.8	12
225	Identification of novel genes involved in the development of the sword and gonopodium in swordtail fish. Developmental Dynamics, 2009, 238, spcone-spcone.	0.8	0
226	Genome Desertification in Eutherians: Can Gene Deserts Explain the Uneven Distribution of Genes in Placental Mammalian Genomes?. Journal of Molecular Evolution, 2009, 69, 207-216.	0.8	8
227	Dual control by a single gene of secondary sexual characters and mating preferences in medaka. BMC Biology, 2009, 7, 64.	1.7	64
228	Base composition, selection, and phylogenetic significance of indels in the recombination activating gene-1 in vertebrates. Frontiers in Zoology, 2009, 6, 32.	0.9	9
229	The evolutionary significance of ancient genome duplications. Nature Reviews Genetics, 2009, 10, 725-732.	7.7	919
230	COLOR ASSORTATIVE MATING CONTRIBUTES TO SYMPATRIC DIVERGENCE OF NEOTROPICAL CICHLID FISH. Evolution; International Journal of Organic Evolution, 2009, 63, 2750-2757.	1.1	120
231	A molecular phylogeny of â€˜trueâ€™ salamanders (family Salamandridae) and the evolution of terrestriality of reproductive modes. Journal of Zoological Systematics and Evolutionary Research, 2009, 36, 7-16.	0.6	63
232	Space, sympatry and speciation. Journal of Evolutionary Biology, 2009, 22, 2332-2341.	0.8	152
233	Effects of constitutive expression of somatolactin alpha on skin pigmentation in medaka. Gene, 2009, 442, 81-87.	1.0	45
234	Will he still look good with the lights on? Spectral tuning of visual pigments in fish. Journal of Biology, 2008, 7, 26.	2.7	0

#	Article	IF	Citations
235	Fgfr1 signalling in the development of a sexually selected trait in vertebrates, the sword of swordtail fish. BMC Developmental Biology, 2008, 8, 98.	2.1	36
236	An organizer controls the development of the â€œsword,â€•a sexually selected trait in swordtail fish. Evolution & Development, 2008, 10, 403-412.	1.1	14
237	The role of the Yala swamp lakes in the conservation of Lake Victoria region haplochromine cichlids: Evidence from genetic and trophic ecology studies. Lakes and Reservoirs: Research and Management, 2008, 13, 95-104.	0.6	22
238	Population structure of the parasitic nematodeAnguillicola crassus, an invader of declining North Atlantic eel stocks. Molecular Ecology, 2008, 17, 3478-3495.	2.0	55
239	Distinct migratory and non-migratory ecotypes of an endemic New Zealand eleotrid (Gobiomorphus) Tj ETQq1 1 0.784314 rgBT /Over Biology, 2008, 8, 49.	3.2	34
240	Annotation of expressed sequence tags for the East African cichlid fish Astatotilapia burtoni and evolutionary analyses of cichlid ORFs. BMC Genomics, 2008, 9, 96.	1.2	48
241	Expression of zebrafish aldh1a3 (raldh3) and absence of aldh1a1 in teleosts. Gene Expression Patterns, 2008, 8, 141-147.	0.3	54
242	Origin, Spread and Demography of the Mycobacterium tuberculosis Complex. PLoS Pathogens, 2008, 4, e1000160.	2.1	378
243	CEACAM3: An innate immune receptor directed against human-restricted bacterial pathogens. International Journal of Medical Microbiology, 2008, 298, 553-560.	1.5	31
244	Into the canyons: The phylogeography of the Malagasy frogs Mantella expectata and Scaphiophryne gottlebei in the arid Isalo Massif, and its significance for conservation (Amphibia: Mantellidae and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	
245	Genomic analysis of cichlid fish â€˜natural mutantsâ€™. Current Opinion in Genetics and Development, 2008, 18, 551-558.	1.5	28
246	Isolation and characterization of 12 dinucleotide microsatellites in the European eel, Anguilla anguilla L., and tests of amplification in other species of eels. Molecular Ecology Resources, 2008, 8, 1382-1385.	2.2	6
247	Rescue From Oculocutaneous Albinism Type 4 Using Medaka slc45a2 cDNA Driven by Its Own Promoter. Genetics, 2008, 178, 761-769.	1.2	25
248	Noncanonical role of Hox14 revealed by its expression patterns in lamprey and shark. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6679-6683.	3.3	45
249	Timing of Genome Duplications Relative to the Origin of the Vertebrates: Did Cyclostomes Diverge before or after?. Molecular Biology and Evolution, 2008, 26, 47-59.	3.5	281
250	Timing of Genome Duplications Relative to the Origin of the Vertebrates: Did Cyclostomes Diverge before or after?. Molecular Biology and Evolution, 2008, 26, 713-713.	3.5	0
251	Population genetic structure of North American burbot (Lota lota maculosa) across the Nearctic and at its contact zone with Eurasian burbot (LotaÂlotaÂlota). Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2412-2426.	0.7	23
252	Marine Incursion: The Freshwater Herring of Lake Tanganyika Are the Product of a Marine Invasion into West Africa. PLoS ONE, 2008, 3, e1979.	1.1	35

#	Article	IF	Citations
253	The rise and spread of a new pathogen: Seroresistant Moraxella catarrhalis. Genome Research, 2007, 17, 1647-1656.	2.4	73
254	Positive Selection and Gene Conversion in SPP120, a Fertilization-Related Gene, during the East African Cichlid Fish Radiation. Molecular Biology and Evolution, 2007, 24, 2286-2297.	3.5	25
255	Functional diversification of sonic hedgehog paralog enhancers identified by phylogenomic reconstruction. Genome Biology, 2007, 8, R106.	13.9	15
256	PCR survey of hox genes in the goldfishCarassius auratus auratus. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2007, 308B, 250-258.	0.6	24
257	A phylogenetic and biogeographic perspective on the evolution of poeciliid fishes. Molecular Phylogenetics and Evolution, 2007, 43, 986-998.	1.2	160
258	Revealing cryptic diversity using molecular phylogenetics and phylogeography in frogs of the Scinax ruber and Rhinella margaritifera species groups. Molecular Phylogenetics and Evolution, 2007, 43, 567-582.	1.2	138
259	Nuclear gene phylogeny of narrow-mouthed toads (Family: Microhylidae) and a discussion of competing hypotheses concerning their biogeographical origins. Molecular Phylogenetics and Evolution, 2007, 44, 1017-1030.	1.2	121
260	Molecular phylogeny of Malagasy reed frogs, Heterixalus, and the relative performance of bioacoustics and color-patterns for resolving their systematics. Molecular Phylogenetics and Evolution, 2007, 45, 14-22.	1.2	30
261	Adaptive sequence evolution in a color gene involved in the formation of the characteristic egg-dummies of male haplochromine cichlid fishes. BMC Biology, 2007, 5, 51.	1.7	93
262	Case studies and mathematical models of ecological speciation. 1. Cichlids in a crater lake. Molecular Ecology, 2007, 16, 2893-2909.	2.0	132
263	Microsatellites from the vairone Leuciscus souffia (Pisces: Cyprinidae) and their application to closely related species. Molecular Ecology Notes, 2007, 7, 1048-1050.	1.7	17
264	Isolation and characterization of short tandem repeats in an invasive swimbladder nematode, parasitic in Atlantic freshwater eels, Anguillicola crassus. Molecular Ecology Notes, 2007, 7, 1051-1053.	1.7	9
265	GEOMETRIC MORPHOMETRIC ANALYSES PROVIDE EVIDENCE FOR THE ADAPTIVE CHARACTER OF THE TANGANYIKAN CICHLID FISH RADIATIONS. Evolution; International Journal of Organic Evolution, 2007, 61, 560-578.	1.1	151
266	Phylogenomic analyses of KCNA gene clusters in vertebrates: why do gene clusters stay intact?. BMC Evolutionary Biology, 2007, 7, 139.	3.2	22
267	Sampling genetic diversity in the sympatrically and allopatrically speciating Midas cichlid species complex over a 16 year time series. BMC Evolutionary Biology, 2007, 7, 25.	3.2	30
268	Comparative genomics of ParaHox clusters of teleost fishes: gene cluster breakup and the retention of gene sets following whole genome duplications. BMC Genomics, 2007, 8, 312.	1.2	43
269	Comparative phylogenomic analyses of teleost fish Hox gene clusters: lessons from the cichlid fish Astatotilapia burtoni. BMC Genomics, 2007, 8, 317.	1.2	77
270	Evolution of Receptors for Growth Hormone and Somatolactin in Fish and Land Vertebrates: Lessons from the Lungfish and Sturgeon Orthologues. Journal of Molecular Evolution, 2007, 65, 359-372.	0.8	80

#	Article	IF	Citations
271	Three rounds (1R/2R/3R) of genome duplications and the evolution of the glycolytic pathway in vertebrates. BMC Biology, 2006, 4, 16.	1.7	105
272	Natural hybridization in primates: One evolutionary mechanism. Zoology, 2006, 109, 261-276.	0.6	151
273	Hybrid origin of a swordtail species (Teleostei: Xiphophorus clemenciae) driven by sexual selection. Molecular Ecology, 2006, 15, 721-730.	2.0	105
274	Mitochondrial evidence for distinct phylogeographic units in the endangered Malagasy poison frog Mantella bernhardi. Molecular Ecology, 2006, 15, 1617-1625.	2.0	29
275	Genetic admixture of burbot (Teleostei: Lota lota) in Lake Constance from two European glacial refugia. Molecular Ecology, 2006, 15, 3583-3600.	2.0	21
276	Sympatric speciation in Nicaraguan crater lake cichlid fish. Nature, 2006, 439, 719-723.	13.7	579
277	Evidence for sympatric speciation? (Reply). Nature, 2006, 444, E13-E13.	13.7	10
278	Genetic identification of units for conservation in tomato frogs, genus Dyscophus. Conservation Genetics, 2006, 7, 473-482.	0.8	10
279	Genetic variation of an endangered Malagasy frog, Mantella cowani, and its phylogeographic relationship to the widespread M. baroni. Conservation Genetics, 2006, 6, 1041-1047.	0.8	8
280	Novel Relationships Among Ten Fish Model Species Revealed Based on a Phylogenomic Analysis Using ESTs. Journal of Molecular Evolution, 2006, 62, 772-784.	0.8	150
281	Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.2	46
282	Many genes in fish have species-specific asymmetric rates of molecular evolution. BMC Genomics, 2006, 7, 20.	1.2	100
283	A BAC library of the East African haplochromine cichlid fishAstatotilapia burtoni. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2006, 306B, 35-44.	0.6	32
284	A BAC library for the goldfishCarassius auratus auratus (Cyprinidae, Cypriniformes). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2006, 306B, 567-574.	0.6	18
285	Repeating Patterns of Mimicry. PLoS Biology, 2006, 4, e341.	2.6	14
286	Induction and prepatterning of the zebrafish pectoral fin bud requires axial retinoic acid signaling. Development (Cambridge), 2006, 133, 2649-2659.	1.2	94
287	Asymmetric Evolution in Two Fish-Specifically Duplicated Receptor Tyrosine Kinase Paralogons Involved in Teleost Coloration. Molecular Biology and Evolution, 2006, 23, 1192-1202.	3.5	71
288	Recurrent ecological adaptations revealed through a molecular analysis of the secretive cophyline frogs of Madagascar. Molecular Phylogenetics and Evolution, 2005, 34, 315-322.	1.2	56

#	Article	IF	Citations
289	A previously unrecognized radiation of ranid frogs in Southern Africa revealed by nuclear and mitochondrial DNA sequences. Molecular Phylogenetics and Evolution, 2005, 37, 674-685.	1.2	76
290	Microsatellites from the burbot (Lota lota), a freshwater gadoid fish (Teleostei). Molecular Ecology Notes, 2005, 5, 390-392.	1.7	9
291	Old fish in a young lake: stone loach (Pisces: Barbatula barbatula) populations in Lake Constance are genetically isolated by distance. Molecular Ecology, 2005, 14, 1229-1239.	2.0	39
292	Deciphering host migrations and origins by means of their microbes. Molecular Ecology, 2005, 14, 3289-3306.	2.0	77
293	Evolutionary Biology: Cichlid species flocks of the past and present. Heredity, 2005, 95, 419-420.	1.2	5
294	Magic bullets and golden rules: Data sampling in molecular phylogenetics. Zoology, 2005, 108, 329-336.	0.6	43
295	Hox clusters as models for vertebrate genome evolution. Trends in Genetics, 2005, 21, 421-424.	2.9	173
296	Out of Tanganyika: genesis, explosive speciation, key-innovations and phylogeography of the haplochromine cichlid fishes. BMC Evolutionary Biology, 2005, 5, 17.	3.2	313
297	From 2R to 3R: evidence for a fish-specific genome duplication (FSGD). BioEssays, 2005, 27, 937-945.	1.2	929
298	Comparative Phylogenetic Analyses of the Adaptive Radiation of Lake Tanganyika Cichlid Fish: Nuclear Sequences Are Less Homoplasious But Also Less Informative Than Mitochondrial DNA. Journal of Molecular Evolution, 2005, 61, 666-681.	0.8	51
299	Conservation and co-option in developmental programmes: the importance of homology relationships. Frontiers in Zoology, 2005, 2, 15.	0.9	31
300	Population genetic analysis of Arapaima gigas, one of the largest freshwater fishes of the Amazon basin: implications for its conservation. Animal Conservation, 2005, 8, 297-308.	1.5	96
301	Using Gene-History and Expression Analyses to Assess the Involvement of LGI Genes in Human Disorders. Molecular Biology and Evolution, 2005, 22, 2209-2216.	3.5	19
302	Strong Reproductive Skew Among Males in the Multiply Mated Swordtail Xiphophorus multilineatus (Teleostei). Journal of Heredity, 2005, 96, 346-355.	1.0	28
303	Historical Biogeography of the New-World Pupfish Genus Cyprinodon (Teleostei: Cyprinodontidae). Copeia, 2005, 2005, 320-339.	1.4	95
304	Initial Diversification of Living Amphibians Predated the Breakup of Pangaea. American Naturalist, 2005, 165, 590-599.	1.0	228
305	Analysis of the very large G-protein coupled receptor gene (Vlgr1/Mass1/USH2C) in zebrafish. Gene, 2005, 353, 200-206.	1.0	18
306	TaxI: a software tool for DNA barcoding using distance methods. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1975-1980.	1.8	104

#	Article	IF	Citations
307	Large-Scale Gene and Ancient Genome Duplications. , 2005, , 329-368.		17
308	Response to Comment on "Origin of the Superflock of Cichlid Fishes from Lake Victoria, East Africa". Science, 2004, 304, 963c-963c.	6.0	3
309	Major events in the genome evolution of vertebrates: Paranome age and size differ considerably between ray-finned fishes and land vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1638-1643.	3.3	489
310	Nuclear protein-coding genes support lungfish and not the coelacanth as the closest living relatives of land vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4900-4905.	3.3	168
311	Ancient lakes as evolutionary reservoirs: evidence from the thalassoid gastropods of Lake Tanganyika. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 529-536.	1.2	128
312	Escalation and trophic specialization drive adaptive radiation of freshwater gastropods in ancient lakes on Sulawesi, Indonesia. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2541-2549.	1.2	137
313	The Midas cichlid species complex: incipient sympatric speciation in Nicaraguan cichlid fishes?. Molecular Ecology, 2004, 13, 2061-2076.	2.0	116
314	Population-structure and genetic diversity in a haplochromine fish cichlid of a satellite lake of Lake Victoria. Molecular Ecology, 2004, 13, 2589-2602.	2.0	32
315	New evidence for parallel evolution of colour patterns in Malagasy poison frogs (Mantella). Molecular Ecology, 2004, 13, 3763-3774.	2.0	96
316	Natural colonization or introduction? Phylogeographical relationships and morphological differentiation of house geckos (Hemidactylus) from Madagascar. Biological Journal of the Linnean Society, 2004, 83, 115-130.	0.7	53
317	MULTIPLE ORIGIN OF VIVIPARITY IN SOUTHEAST ASIAN GASTROPODS (CERITHIOIDEA: PACHYCHILIDAE) AND ITS EVOLUTIONARY IMPLICATIONS. Evolution; International Journal of Organic Evolution, 2004, 58, 2215-2226.	1.1	64
318	Post-mating clutch piracy in an amphibian. Nature, 2004, 431, 305-308.	13.7	104
319	Learning from the Altmeister. Nature, 2004, 428, 897-897.	13.7	1
320	Novel evolutionary relationship among four fish model systems. Trends in Genetics, 2004, 20, 424-431.	2.9	74
321	The species flocks of East African cichlid fishes: recent advances in molecular phylogenetics and population genetics. Die Naturwissenschaften, 2004, 91, 277-90.	0.6	191
322	Complete Mitochondrial Genome Sequences of the South American and the Australian Lungfish: Testing of the Phylogenetic Performance of Mitochondrial Data Sets for Phylogenetic Problems in Tetrapod Relationships. Journal of Molecular Evolution, 2004, 59, 834-848.	0.8	64
323	Phylogenetic Timing of the Fish-Specific Genome Duplication Correlates with the Diversification of Teleost Fish. Journal of Molecular Evolution, 2004, 59, 190-203.	0.8	533
324	High mitochondrial diversity within and among populations of Malagasy poison frogs. Molecular Phylogenetics and Evolution, 2004, 30, 295-307.	1.2	26

#	Article	IF	Citations
325	Plate tectonics and biogeographical patterns of the Pseudophoxinus (Pisces: Cypriniformes) species complex of central Anatolia, Turkey. Molecular Phylogenetics and Evolution, 2004, 32, 297-308.	1.2	49
326	Novel phylogenetic relationships of the enigmatic brevicipitine and scaphiophrynine toads as revealed by sequences from the nuclear Ragâ€“1 gene. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S378-81.	1.2	29
327	Phylogeny and Comparative Substitution Rates of Frogs Inferred from Sequences of Three Nuclear Genes. Molecular Biology and Evolution, 2004, 21, 1188-1200.	3.5	136
328	Beyond the neckless phenotype: influence of reduced retinoic acid signaling on motor neuron development in the zebrafish hindbrain. Developmental Biology, 2004, 271, 119-129.	0.9	89
329	Are all fishes ancient polyploids?. Journal of Structural and Functional Genomics, 2003, 3, 65-73.	1.2	71
330	'Natural selection merely modified while redundancy created'--Susumu Ohno's idea of the evolutionary importance of gene and genome duplications. Journal of Structural and Functional Genomics, 2003, 3, 7-9.	1.2	11
331	Recent Advances in the (Molecular) Phylogeny of Vertebrates. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 311-338.	3.8	190
332	Closing of the Tethys Sea and the phylogeny of Eurasian killifishes (Cyprinodontiformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (	0.8	182
333	Phylogeography of the vairone (Leuciscus souffia , Risso 1826) in Central Europe. Molecular Ecology, 2003, 12, 2371-2386.	2.0	67
334	Characterization and isolation of DNA microsatellite primers for Arapaima gigas, an economically important but severely over-exploited fish species of the Amazon basin. Molecular Ecology Notes, 2003, 3, 128-130.	1.7	45
335	Differential regulation of msx genes in the development of the gonopodium, an intromittent organ, and of the "sword," a sexually selected trait of swordtail fishes (Xiphophorus). Evolution & Development, 2003, 5, 466-477.	1.1	60
336	Body shape variation in cichlid fishes of the Amphilophus citrinellus species complex. Biological Journal of the Linnean Society, 2003, 80, 397-408.	0.7	105
337	Duplication, duplication. Nature, 2003, 421, 31-32.	13.7	23
338	THE DYNAMICS OF MALE BROODING, MATING PATTERNS, AND SEX ROLES IN PIPEFISHES AND SEAHORSES (FAMILY SYNGNATHIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 1374-1386.	1.1	176
339	Evolutionary Conservation of Regulatory Elements in Vertebrate Hox Gene Clusters. Genome Research, 2003, 13, 1111-1122.	2.4	130
340	Complete nucleotide sequence of the mitochondrial genome of a salamander, Mertensiella luschani. Gene, 2003, 317, 17-27.	1.0	30
341	Origin of the Superflock of Cichlid Fishes from Lake Victoria, East Africa. Science, 2003, 300, 325-329.	6.0	357
342	THE DYNAMICS OF MALE BROODING, MATING PATTERNS, AND SEX ROLES IN PIPEFISHES AND SEAHORSES (FAMILY SYNGNATHIDAE). Evolution; International Journal of Organic Evolution, 2003, 57, 1374.	1.1	12

#	Article	IF	Citations
343	Multiple overseas dispersal in amphibians. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2435-2442.	1.2	276
344	Genome Duplication, a Trait Shared by 22,000 Species of Ray-Finned Fish. Genome Research, 2003, 13, 382-390.	2.4	787
345	Are all fishes ancient polyploids?. , 2003, , 65-73.		2
346	Are all fishes ancient polyploids?. Journal of Structural and Functional Genomics, 2003, 3, 65-73.	1.2	35
347	Wanda: a database of duplicated fish genes. Nucleic Acids Research, 2002, 30, 109-112.	6.5	39
348	Phylogeny of the Lake Tanganyika Cichlid Species Flock and Its Relationship to the Central and East African Haplochromine Cichlid Fish Faunas. Systematic Biology, 2002, 51, 113-135.	2.7	243
349	What, if Anything, is a Tilapia?â€”Mitochondrial ND2 Phylogeny of Tilapiines and the Evolution of Parental Care Systems in the African Cichlid Fishes. Molecular Biology and Evolution, 2002, 19, 865-883.	3.5	98
350	A novel song parameter correlates with extra-pair paternity and reflects male longevity. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1479-1485.	1.2	162
351	Cloning of zebrafish T-box genes tbx15 and tbx18 and their expression during embryonic development. Mechanisms of Development, 2002, 114, 137-141.	1.7	51
352	Phylogenetic analyses suggest lateral gene transfer from the mitochondrion to the apicoplast. Gene, 2002, 285, 109-118.	1.0	23
353	Dealing with saturation at the amino acid level: a case study based on anciently duplicated zebrafish genes. Gene, 2002, 295, 205-211.	1.0	62
354	Evolution of Duplicated reggie Genes in Zebrafish and Goldfish. Journal of Molecular Evolution, 2002, 54, 235-245.	0.8	39
355	Molecular phylogeny and historical biogeography of the Aphanius (Pisces, Cyprinodontiformes) species complex of central Anatolia, Turkey. Molecular Phylogenetics and Evolution, 2002, 25, 125-137.	1.2	60
356	Exploring the potential of life-history key innovation: brook breeding in the radiation of the Malagasy treefrog genus Boophis. Molecular Ecology, 2002, 11, 1453-1463.	2.0	43
357	Microsatellites in the genus Xiphophorus, developed in Xiphophorus montezumae. Molecular Ecology Notes, 2002, 2, 4-6.	1.7	27
358	The stuff new species are made of?. Nature Genetics, 2002, 30, 127-128.	9.4	0
359	SHAPE ANALYSIS OF SYMMETRIC STRUCTURES: QUANTIFYING VARIATION AMONG INDIVIDUALS AND ASYMMETRY. Evolution; International Journal of Organic Evolution, 2002, 56, 1909-1920.	1.1	804
360	New takes on old lakes. Trends in Ecology and Evolution, 2001, 16, 109-110.	4.2	1

#	Article	IF	Citations
361	Homology evolving. Trends in Ecology and Evolution, 2001, 16, 434-440.	4.2	88
362	Male Pregnancy in Seahorses and Pipefishes (Family Syngnathidae): Rapid Diversification of Paternal Brood Pouch Morphology Inferred From a Molecular Phylogeny. , 2001, 92, 159-166.		157
363	The Cytochrome b Gene as a Phylogenetic Marker: The Limits of Resolution for Analyzing Relationships Among Cichlid Fishes. Journal of Molecular Evolution, 2001, 53, 89-103.	0.8	180
364	The Ghost of Selection Past: Rates of Evolution and Functional Divergence of Anciently Duplicated Genes. Journal of Molecular Evolution, 2001, 53, 436-446.	0.8	172
365	The evolutionary position of turtles revised. Die Naturwissenschaften, 2001, 88, 193-200.	0.6	128
366	Microsatellite Analysis of Population Structure in the Endangered Hawaiian Monk Seal. Conservation Biology, 2001, 15, 457-466.	2.4	16
367	Population structure in two sympatric species of the Lake Tanganyika cichlid tribe Eretmodini: evidence for introgression. Molecular Ecology, 2001, 10, 1207-1225.	2.0	105
368	Hindbrain patterning revisited: timing and effects of retinoic acid signalling. BioEssays, 2001, 23, 981-986.	1.2	64
369	Evolutionary celebrities. Nature, 2001, 410, 17-18.	13.7	4
370	Genome duplication, divergent resolution and speciation. Trends in Genetics, 2001, 17, 299-301.	2.9	157
371	Revisiting recent challenges to the ancient fish-specific genome duplication hypothesis. Current Biology, 2001, 11, R1005-R1007.	1.8	52
372	Genome Duplications and Accelerated Evolution ofHoxGenes and Cluster Architecture in Teleost Fishes. American Zoologist, 2001, 41, 676-686.	0.7	9
373	EVOLUTION: Explaining Exuberant Diversification. Science, 2001, 294, 64-65.	6.0	5
374	On the origin of and phylogenetic relationships among living amphibians. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 7380-7383.	3.3	103
375	Evolution and Discontinuous Distribution of Rex3 Retrotransposons in Fish. Molecular Biology and Evolution, 2001, 18, 427-431.	3.5	47
376	Comparative genomics provides evidence for an ancient genome duplication event in fish. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1661-1679.	1.8	450
377	Genome Duplications and Accelerated Evolution ofHoxGenes and Cluster Architecture in Teleost Fishes1. American Zoologist, 2001, 41, 676-686.	0.7	47
378	EVOLUTION: Growing Trees from Molecular Data. Science, 2001, 294, 2297-2298.	6.0	1

#	Article	IF	Citations
379	Kin-structured subpopulations in Eurasian perch (Perca fluviatilis L.). Heredity, 2001, 86, 213-221.	1.2	92
380	Total evidence: Molecules, morphology, and the phylogenetics of cichlid fishes. , 2000, 288, 76-92.		125
381	Molecular Phylogeny of European Muroid Rodents Based on Complete Cytochrome b Sequences. Molecular Phylogenetics and Evolution, 2000, 16, 37-47.	1.2	138
382	Polymorphic DNA microsatellites identified in the yellow dung fly (Scathophaga stercoraria). Molecular Ecology, 2000, 9, 2207-2209.	2.0	23
383	Origin of the antitropical distribution pattern in marine mussels (Mytilus spp.): routes and timing of transequatorial migration. Marine Biology, 2000, 136, 69-77.	0.7	189
384	An Updated and Comprehensive rRNA Phylogeny of (Crown) Eukaryotes Based on Rate-Calibrated Evolutionary Distances. Journal of Molecular Evolution, 2000, 51, 565-576.	0.8	136
385	Microsporidia: accumulating molecular evidence that a group of amitochondriate and suspectedly primitive eukaryotes are just curious fungi. Gene, 2000, 246, 1-8.	1.0	204
386	Independent adaptation to riverine habitats allowed survival of ancient cetacean lineages. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11343-11347.	3.3	186
387	Incipient speciation in sympatric Nicaraguan crater lake cichlid fishes: sexual selection versus ecological diversification. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2133-2141.	1.2	123
388	Total evidence: Molecules, morphology, and the phylogenetics of cichlid fishes. The Journal of Experimental Zoology, 2000, 288, 76.	1.4	10
389	Broad taxonomic applicability of microsatellites developed for the highly polymorphic neotropical cichlid, Amphilophus citrinellum. Animal Genetics, 2000, 31, 151-151.	0.6	15
390	Mitochondrial Evidence on the Phylogenetic Position of Caecilians (Amphibia: Gymnophiona). Genetics, 2000, 155, 765-775.	1.2	55
391	Fishing Stories. Science, 2000, 288, 61-62.	6.0	0
392	Total evidence: molecules, morphology, and the phylogenetics of cichlid fishes. The Journal of Experimental Zoology, 2000, 288, 76-92.	1.4	23
393	Construction of a variability map for eukaryotic large subunit ribosomal RNA. Nucleic Acids Research, 1999, 27, 2825-2831.	6.5	49
394	Replicated evolution of trophic specializations in an endemic cichlid fish lineage from Lake Tanganyika. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10230-10235.	3.3	181
395	Cichlids of the Rift Lakes. Scientific American, 1999, 280, 64-69.	1.0	119
396	Mitochondrial and nuclear rRNA based copepod phylogeny with emphasis on the Euchaetidae (Calanoida). Marine Biology, 1999, 133, 79-90.	0.7	64

#	Article	IF	Citations
397	Mitochondrial DNA Phylogeny of the Family Cichlidae: Monophyly and Fast Molecular Evolution of the Neotropical Assemblage. Journal of Molecular Evolution, 1999, 48, 703-711.	0.8	127
398	Gene and genome duplications in vertebrates: the one-to-four (-to-eight in fish) rule and the evolution of novel gene functions. Current Opinion in Cell Biology, 1999, 11, 699-704.	2.6	738
399	Vertebrate genomics: More fishy tales about Hox genes. Current Biology, 1999, 9, R210-R213.	1.8	83
400	Homology and Homoplasy: The Retention of Genetic Programmes. Novartis Foundation Symposium, 1999, 222, 141-157.	1.2	19
401	Hox gene variation and evolution. Nature, 1998, 391, 227-228.	13.7	54
402	More genes in fish?. BioEssays, 1998, 20, 511-515.	1.2	264
403	Platyrrhine systematics: A simultaneous analysis of molecular and morphological data. , 1998, 106, 261-281.		73
404	Limitations of Metazoan 18S rRNA Sequence Data: Implications for Reconstructing a Phylogeny of the Animal Kingdom and Inferring the Reality of the Cambrian Explosion. Journal of Molecular Evolution, 1998, 47, 394-405.	0.8	150
405	Cloning and characterization of a microsatellite in the mitochondrial control region of the African side-necked turtle, Pelomedusa subrufa. Gene, 1998, 216, 149-153.	1.0	40
406	Complete mitochondrial genome suggests diapsid affinities of turtles. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14226-14231.	3.3	194
407	Multilocus Phylogeny of Chichlid Fishes (Pisces: Perciformes): Evolutionary Comparison of Microsatellite and Single-Copy Nuclear Loci. Molecular Biology and Evolution, 1998, 15, 798-808.	3.5	81
408	Searching for the Closest Living Relative(s) of Tetrapods Through Evolutionary Analysis of Mitochondrial and Nuclear Data. Molecular Biology and Evolution, 1998, 15, 506-517.	3.5	114
409	Phylogeographic Patterns in Populations of Cichlid Fishes from Rocky Habitats in Lake Tanganyika. , 1997, , 97-111.		22
410	Phylogenetic Relationships of Species of the Genus Brachyrhaphis (Poeciliidae) Inferred from Partial Mitochondrial DNA Sequences. Copeia, 1997, 1997, 298.	1.4	13
411	The Radiation of Characiform Fishes and the Limits of Resolution of Mitochondrial Ribosomal DNA Sequences. Systematic Biology, 1997, 46, 75-100.	2.7	177
412	The evolution of sexually selected traits in male swordtail fishes (Xiphophorus: Poeciliidae). Heredity, 1997, 79, 329-337.	1.2	49
413	Homology and developmental genes. Trends in Genetics, 1997, 13, 432-433.	2.9	169
414	Molecular Phylogenetic Information on the Identity of the Closest Living Relative(s) of Land Vertebrates. Die Naturwissenschaften, 1997, 84, 389-397.	0.6	41

#	Article	IF	Citations
415	Low Genetic Variability in the Hawaiian Monk Seal. Conservation Biology, 1997, 11, 482-490.	2.4	34
416	The evolution of sexually selected traits in male swordtail fishes (Xiphophorus: Poeciliidae). Heredity, 1997, 79, 329-337.	1.2	10
417	The Complete DNA Sequence of the Mitochondrial Genome of a â€œLiving Fossil,â€•the Coelacanth (Latimeria chalumnae). Genetics, 1997, 146, 995-1010.	1.2	107
418	Evolutionary conservation of microsatellite flanking regions and their use in resolving the phylogeny of cichlid fishes (Pisces: Perciformes). Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 1589-1598.	1.2	215
419	Mitochondrial phylogeography of rock-dwelling cichlid fishes reveals evolutionary influence of historical lake level fluctuations of Lake Tanganyika, Africa. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 797-805.	1.8	86
420	Interrelationships of Elopomorph Fishes. , 1996, , 175-191.		49
421	Evolutionary relationships of the coelacanth, lungfishes, and tetrapods based on the 28S ribosomal RNA gene.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5449-5454.	3.3	112
422	Evolutionary analyses of hedgehog and Hoxd-10 genes in fish species closely related to the zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13036-13041.	3.3	51
423	Trans-species polymorphism of class IIMhc loci in danio fishes. Immunogenetics, 1996, 44, 36-48.	1.2	72
424	Patterns of nucleotide change in mitochondrial ribosomal RNA genes and the phylogeny of piranhas. Journal of Molecular Evolution, 1996, 42, 169-182.	0.8	144
425	Evolution and orthology of hedgehog genes. Trends in Genetics, 1996, 12, 496-497.	2.9	65
426	Molecular systematics (2nd edn). Trends in Genetics, 1996, 12, 534-535.	2.9	21
427	Mitochondrial Phylogeny of Trematomid Fishes (Nototheniidae, Perciformes) and the Evolution of Antarctic Fish. Molecular Phylogenetics and Evolution, 1996, 5, 383-390.	1.2	78
428	Molecular evolution of ependymin and the phylogenetic resolution of early divergences among euteleost fishes. Molecular Biology and Evolution, 1996, 13, 556-573.	3.5	52
429	Phylogenetic performance of mitochondrial protein-coding genes in resolving relationships among vertebrates. Molecular Biology and Evolution, 1996, 13, 933-942.	3.5	371
430	Trans-species polymorphism of class II Mhc loci in danio fishes. Immunogenetics, 1996, 44, 36-48.	1.2	11
431	The Complete Nucleotide Sequence of the Mitochondrial Genome of the Lungfish (Protopterus) Tj ETQq1 1 0.784314 rgBT /Overlock 142, 1249-1263.	1.2	124
432	The Complete Mitochondrial DNA Sequence of the Bichir (Polypterus ornatipinnis), a Basal Ray-Finned Fish: Ancient Establishment of the Consensus Vertebrate Gene Order. Genetics, 1996, 144, 1165-1180.	1.2	119

#	Article	IF	Citations
433	Widespread geographical distribution of mitochondrial haplotypes in rock-dwelling cichlid fishes from Lake Tanganyika. Molecular Ecology, 1996, 5, 341-350.	2.0	28
434	Mitochondrial DNA sequences and multiple data sets: a phylogenetic study of phytophagous beetles (Chrysomelidae: Ophraella).. Molecular Biology and Evolution, 1995, 12, 627-40.	3.5	102
435	Phylogenetic analysis of the South American electric fishes (order Gymnotiformes) and the evolution of their electrogenic system: a synthesis based on morphology, electrophysiology, and mitochondrial sequence data.. Molecular Biology and Evolution, 1995, 12, 298-318.	3.5	134
436	A HISTORY OF HOST ASSOCIATIONS AND EVOLUTIONARY DIVERSIFICATION FOROPHRAELLA(COLEOPTERA: CHRYSOMELIDAE): NEW EVIDENCE FROM MITOCHONDRIAL DNA. Evolution; International Journal of Organic Evolution, 1995, 49, 1008-1017.	1.1	81
437	Systematics of New World Monkeys (Platyrrhini, Primates) Based on 16S Mitochondrial DNA Sequences: A Comparative Analysis of Different Weighting Methods in Cladistic Analysis. Molecular Phylogenetics and Evolution, 1995, 4, 448-456.	1.2	66
438	Testing the phylogeny of swordtail fishes using split decomposition and spectral analysis. Journal of Molecular Evolution, 1995, 41, 666.	0.8	33
439	Novel phylogeny of whales revisited but not revised.. Molecular Biology and Evolution, 1995, 12, 518-20.	3.5	29
440	Molecules, Morphology, and Area Cladograms: A Cladistic and Biogeographic Analysis of Gambusia (Teleostei: Poeciliidae). Systematic Biology, 1995, 44, 221.	2.7	16
441	Predicting developmental processes from evolutionary patterns: a molecular phylogeny of the zebrafish (Danio rerio) and its relatives. Philosophical Transactions of the Royal Society B: Biological Sciences, 1995, 349, 103-111.	1.8	35
442	Cytochrome b sequence variation and a molecular phylogeny of the live-bearing fish genus Gambusia (Cyprinodontiformes: Poeciliidae). Canadian Journal of Zoology, 1995, 73, 213-227.	0.4	39
443	A History of Host Associations and Evolutionary Diversification for Ophraella (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Evolution, 1995, 49, 1008.	1.1	48
444	Molecular evidence on the origin of tetrapods and the relationships of the coelacanth. Trends in Ecology and Evolution, 1995, 10, 111-116.	4.2	54
445	MacVector: Sequence Analysis Software. Version 4.1.AssemblyLIGN: Sequence Assembly Software.. Quarterly Review of Biology, 1995, 70, 128-129.	0.0	0
446	Mitochondrial phylogeny of the Lamprologini, the major substrate spawning lineage of cichild fishes from Lake Tanganyika in eastern Africa.. Molecular Biology and Evolution, 1994, 11, 691-703.	3.5	92
447	Global Survey of Mitochondrial DNA Sequences in the Threespine Stickleback: Evidence for Recent Migrations. Evolution; International Journal of Organic Evolution, 1994, 48, 608.	1.1	77
448	Recurrent origin of a sexually selected trait in Xiphophorus fishes inferred from a molecular phylogeny. Nature, 1994, 368, 539-542.	13.7	262
449	Shortcomings of the cytochrome b gene as a molecular marker. Trends in Ecology and Evolution, 1994, 9, 278-280.	4.2	216
450	Phylogeny of all major groups of cetaceans based on DNA sequences from three mitochondrial genes.. Molecular Biology and Evolution, 1994, 11, 939-48.	3.5	86

#	Article	IF	Citations
451	GLOBAL SURVEY OF MITOCHONDRIAL DNA SEQUENCES IN THE THREESPINE STICKLEBACK: EVIDENCE FOR RECENT MIGRATIONS. Evolution; International Journal of Organic Evolution, 1994, 48, 608-622.	1.1	199
452	Revised phylogeny of whales suggested by mitochondrial ribosomal DNA sequences. Nature, 1993, 361, 346-348.	13.7	187
453	Mitochondrial cytochrome b: evolution and structure of the protein. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1143, 243-271.	0.5	328
454	Phylogenetic relationships and evolutionary processes in East African cichlid fishes. Trends in Ecology and Evolution, 1993, 8, 279-284.	4.2	393
455	The evolution of copulatory organs, internal fertilization, placentae and viviparity in killifishes (Cyprinodontiformes) inferred from a DNA phylogeny of the tyrosine kinase gene X-src. Proceedings of the Royal Society B: Biological Sciences, 1993, 254, 153-162.	1.2	90
456	The phylogenetic position of the zebrafish (Danio rerio) , a model system in developmental biology: an invitation to the comparative method. Proceedings of the Royal Society B: Biological Sciences, 1993, 252, 231-236.	1.2	88
457	Life History of Brachyraphis rhabdophora (Pisces: Poeciliidae). Copeia, 1993, 1993, 103.	1.4	26
458	Mitochondrial phylogeny of the endemic mouthbrooding lineages of cichlid fishes from Lake Tanganyika in eastern Africa.. Molecular Biology and Evolution, 1993, 10, 751-68.	3.5	95
459	Cytochrome b of fish mitochondria is strongly resistant to funiculosin, a powerful inhibitor of respiration. Archives of Biochemistry and Biophysics, 1992, 295, 198-204.	1.4	15
460	Molecules, fossils, and the origin of tetrapods. Journal of Molecular Evolution, 1992, 35, 102-13.	0.8	89
461	Genetic divergence, speciation and morphological stasis in a lineage of African cichlid fishes. Nature, 1992, 358, 578-581.	13.7	318
462	Unusual mitochondrial DNA polymorphism in two local populations of blue tit Parus caeruleus. Molecular Ecology, 1992, 1, 27-36.	2.0	135
463	African fishes. Nature, 1991, 350, 467-468.	13.7	25
464	Coelacanth's relationships. Nature, 1991, 353, 219-219.	13.7	6
465	Large sequence divergence among mitochondrial DNA genotypes within populations of eastern African black-backed jackals.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1772-1776.	3.3	110
466	Ecological and evolutionary consequences of the trophic polymorphism in Cichlasoma citrinellum (Pisces: Cichlidae). Biological Journal of the Linnean Society, 1990, 39, 279-299.	0.7	171
467	Monophyletic origin of Lake Victoria cichlid fishes suggested by mitochondrial DNA sequences. Nature, 1990, 347, 550-553.	13.7	891
468	Origin of tetrapods inferred from their mitochondrial DNA affiliation to lungfish. Journal of Molecular Evolution, 1990, 31, 359-364.	0.8	206

#	Article	IF	Citations
469	Morphometrics and allometry in the trophically polymorphic cichlid fish,Cichlasoma citrinellum: Alternative adaptations and ontogenetic changes in shape. Journal of Zoology, 1990, 221, 237-260.	0.8	110
470	Cost of morphological specialization: feeding performance of the two morphs in the trophically polymorphic cichlid fish, Cichlasoma citrinellum. Oecologia, 1989, 80, 431-436.	0.9	132
471	Dynamics of mitochondrial DNA evolution in animals: amplification and sequencing with conserved primers.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 6196-6200.	3.3	4,373
472	Influence of Age and Size on the Response to Novel Prey by Fry of the Cichlid Fish Cichlasoma managuense (Pisces: Cichlidae). Ethology, 1988, 78, 199-208.	0.5	5
473	Phenotypic Plasticity and Heterochrony in Cichlasoma managuense (Pisces, Chichlidae) and their Implications for Speciation in Cichlid Fishes. Evolution; International Journal of Organic Evolution, 1987, 41, 1357.	1.1	172
474	PHENOTYPIC PLASTICITY AND HETEROCHRONY IN CICHLASOMA MANAGUENSE (PISCES, CICHLIDAE) AND THEIR IMPLICATIONS FOR SPECIATION IN CICHLID FISHES. Evolution; International Journal of Organic Evolution, 1987, 41, 1357-1369.	1.1	380
475	First feeding success with two types of prey by the Central American cichlid fish, Cichlasoma managuense (Pisces, Cichlidae): morphology versus behavior. Environmental Biology of Fishes, 1987, 18, 127-134.	0.4	12
476	Changes in Behavior With Increasing Experience With a Novel Prey in Fry of the Central American Cichlid, Cichlasoma Managuense (Teleostei: Cichlidae). Behaviour, 1986, 98, 145-167.	0.4	24
477	Molecular phylogenetic evidence for paraphyly of the genus Sooglossus, with the description of a new genus of Seychellean frogs. Biological Journal of the Linnean Society, 0, 91, 347-359.	0.7	24
478	Molecular systematics of mantelline frogs from Madagascar and the evolution of their femoral glands. Biological Journal of the Linnean Society, 0, 92, 529-539.	0.7	48