

Axel Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

480
papers

46,385
citations

1893

102
h-index

2953

189
g-index

507
all docs

507
docs citations

507
times ranked

33157
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular parallelism in the evolution of a master sex-determining role for the anti-Müllerian hormone receptor 2 gene (<i>amhr2</i>) in Midas cichlids. <i>Molecular Ecology</i> , 2023, 32, 1398-1410.	3.9	8
2	Heterogeneity across Neotropical aquatic environments affects prokaryotic and eukaryotic biodiversity based on environmental DNA. <i>Environmental DNA</i> , 2022, 4, 469-484.	5.8	1
3	Genomic basis of evolutionary adaptation in a warm-blooded fish. <i>Innovation(China)</i> , 2022, 3, 100185.	9.1	8
4	Transposon-induced epigenetic silencing in the X chromosome as a novel form of <i>dmrt1</i> expression regulation during sex determination in the fighting fish. <i>BMC Biology</i> , 2022, 20, 5.	3.8	32
5	An intronic transposon insertion associates with a trans-species color polymorphism in Midas cichlid fishes. <i>Nature Communications</i> , 2022, 13, 296.	12.8	18
6	Between a Rock and a Hard Polytoomy: Phylogenomics of the Rock-Dwelling Mbuna Cichlids of Lake Malawi. <i>Systematic Biology</i> , 2022, 71, 741-757.	5.6	17
7	The repeated evolution of stripe patterns is correlated with body morphology in the adaptive radiations of East African cichlid fishes. <i>Ecology and Evolution</i> , 2022, 12, e8568.	1.9	12
8	Emergence of distinct syntenic density regimes is associated with early metazoan genomic transitions. <i>BMC Genomics</i> , 2022, 23, 143.	2.8	6
9	Thyroid hormone tinkering elicits integrated phenotypic changes potentially explaining rapid adaptation of color vision in cichlid fish. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 837-845.	2.3	4
10	Benefits and limitations of a new genome-based PCR-RFLP genotyping assay (GB-RFLP): A SNP-based detection method for identification of species in extremely young adaptive radiations. <i>Ecology and Evolution</i> , 2022, 12, e8751.	1.9	1
11	Vegetation changes over the last centuries in the Lower Lake Constance region reconstructed from sediment-core environmental DNA. <i>Environmental DNA</i> , 2022, 4, 830-845.	5.8	7
12	Phylogenomic Analyses Show Repeated Evolution of Hypertrophied Lips Among Lake Malawi Cichlid Fishes. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	10
13	Genetic assimilation and the evolution of direction of genital asymmetry in anablepid fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220266.	2.6	3
14	Phylogenomics of trophically diverse cichlids disentangles processes driving adaptive radiation and repeated trophic transitions. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	5
15	Anthropogenic impact on the historical phytoplankton community of Lake Constance reconstructed by multimarker analysis of sediment-core environmental DNA. <i>Molecular Ecology</i> , 2021, 30, 3040-3056.	3.9	28
16	The Developmental and Genetic Architecture of the Sexually Selected Male Ornament of Swordtails. <i>Current Biology</i> , 2021, 31, 911-922.e4.	3.9	24
17	The comparative genomic landscape of adaptive radiation in crater lake cichlid fishes. <i>Molecular Ecology</i> , 2021, 30, 955-972.	3.9	12
18	Different Sources of Allelic Variation Drove Repeated Color Pattern Divergence in Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2021, 38, 465-477.	8.9	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.	12.8	29
21	Nuisance species in lake constance revealed through eDNA. Biological Invasions, 2021, 23, 1619-1636.	2.4	5
22	Reversed evolution of grazer resistance to cyanobacteria. Nature Communications, 2021, 12, 1945.	12.8	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.	3.9	11
24	Functional conservation and divergence of colorâ€œpatternâ€œrelated agouti family genes in teleost fishes. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 443-450.	1.3	10
25	Genomic Basis of Striking Fin Shapes and Colors in the Fighting Fish. Molecular Biology and Evolution, 2021, 38, 3383-3396.	8.9	33
26	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	27.8	1,139
27	Neoceratodus forsteri (Australian lungfish). Trends in Genetics, 2021, 37, 600-601.	6.7	0
28	Spiny and soft-rayed fin domains in acanthomorph fish are established through a BMP- <i>gremlin</i> - <i>shh</i> signaling network. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
29	Rapid adaptive radiation in a hillstream cyprinid fish in the East African White Nile River basin. Molecular Ecology, 2021, 30, 5530-5550.	3.9	9
30	Seadragon genome analysis provides insights into its phenotype and sex determination locus. Science Advances, 2021, 7, .	10.3	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.	3.9	15
32	Giant lungfish genome elucidates the conquest of land by vertebrates. Nature, 2021, 590, 284-289.	27.8	132
33	Dual function and associated costs of a highly exaggerated trait in a cichlid fish. Ecology and Evolution, 2021, 11, 17496-17508.	1.9	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.	1.8	13
35	Diving into divergence: Differentiation in swimming performances, physiology and gene expression between locallyâ€œadapted sympatric cichlid fishes. Molecular Ecology, 2020, 29, 1219-1234.	3.9	12
36	The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. Science, 2020, 370, 208-214.	12.6	41

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37	Optimized and affordable high-throughput sequencing workflow for preserved and nonpreserved small zooplankton specimens. <i>Molecular Ecology Resources</i> , 2020, 20, 1632-1646.	4.8	9
38	The direction of genital asymmetry is expressed stochastically in internally fertilizing anablepid fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200969.	2.6	2
39	Neural innervation as a potential trigger of morphological color change and sexual dimorphism in cichlid fish. <i>Scientific Reports</i> , 2020, 10, 12329.	3.3	23
40	Contrasting signatures of genomic divergence during sympatric speciation. <i>Nature</i> , 2020, 588, 106-111.	27.8	115
41	Parallel and non-parallel changes of the gut microbiota during trophic diversification in repeated young adaptive radiations of sympatric cichlid fish. <i>Microbiome</i> , 2020, 8, 149.	11.1	13
42	Evolutionary dynamics of pre- and postzygotic reproductive isolation in cichlid fishes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190535.	4.0	18
43	Sarcopterygian fin ontogeny elucidates the origin of hands with digits. <i>Science Advances</i> , 2020, 6, eabc3510.	10.3	28
44	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. <i>Science Advances</i> , 2020, 6, eaaz7677.	10.3	59
45	Grand Challenges in Comparative Tooth Biology. <i>Integrative and Comparative Biology</i> , 2020, 60, 563-580.	2.0	10
46	Phenotypic Plasticity in Vertebrate Dentitions. <i>Integrative and Comparative Biology</i> , 2020, 60, 608-618.	2.0	3
47	Habitat light sets the boundaries for the rapid evolution of cichlid fish vision, while sexual selection can tune it within those limits. <i>Molecular Ecology</i> , 2020, 29, 1476-1493.	3.9	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. <i>Integrative and Comparative Biology</i> , 2020, 60, 656-664.	2.0	6
49	A Genomic Cluster Containing Novel and Conserved Genes is Associated with Cichlid Fish Dental Developmental Convergence. <i>Molecular Biology and Evolution</i> , 2020, 37, 3165-3174.	8.9	12
50	Developmental and Cellular Basis of Vertical Bar Color Patterns in the East African Cichlid Fish <i>Haplochromis latifasciatus</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 62.	3.7	25
51	Implementing Large Genomic Single Nucleotide Polymorphism Data Sets in Phylogenetic Network Reconstructions: A Case Study of Particularly Rapid Radiations of Cichlid Fish. <i>Systematic Biology</i> , 2020, 69, 848-862.	5.6	37
52	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , 2020, 4, 841-852.	7.8	159
53	Reconstructing the Evolutionary History of Chromosomal Races on Islands: A Genome-Wide Analysis of Natural House Mouse Populations. <i>Molecular Biology and Evolution</i> , 2020, 37, 2825-2837.	8.9	13
54	MicroRNA Gene Regulation in Extremely Young and Parallel Adaptive Radiations of Crater Lake Cichlid Fish. <i>Molecular Biology and Evolution</i> , 2019, 36, 2498-2511.	8.9	24

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55	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. <i>Genome Biology and Evolution</i> , 2019, 11, 2099-2106.	2.5	17
56	Molecular and morphological convergence to sulfide-tolerant fishes in a new species of <i>Jenynsia</i> (Cyprinodontiformes: Anablepidae), the first extremophile member of the family. <i>PLoS ONE</i> , 2019, 14, e0218810.	2.5	13
57	Conservation and novelty in the microRNA genomic landscape of hyperdiverse cichlid fishes. <i>Scientific Reports</i> , 2019, 9, 13848.	3.3	25
58	Reverting ontogeny: rapid phenotypic plasticity of colour vision in cichlid fish. <i>Royal Society Open Science</i> , 2019, 6, 190841.	2.4	16
59	Lissamphibian limbs and the origins of tetrapod hox domains. <i>Developmental Biology</i> , 2019, 456, 138-144.	2.0	11
60	Divergent Allometric Trajectories in Gene Expression and Coexpression Produce Species Differences in Sympatrically Speciating Midas Cichlid Fish. <i>Genome Biology and Evolution</i> , 2019, 11, 1644-1657.	2.5	9
61	A comprehensive overview of the developmental basis and adaptive significance of a textbook polymorphism: head asymmetry in the cichlid fish <i>Perissodus microlepis</i> . <i>Hydrobiologia</i> , 2019, 832, 65-84.	2.0	13
62	Genome of the Malawi golden cichlid fish (<i>Melanochromis auratus</i>) reveals exon loss of <i>oca2</i> in an amelanistic morph. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 719-723.	3.3	19
63	Asymmetric paralog evolution between the "cryptic" gene <i>Bmp16</i> and its well-studied sister genes <i>Bmp2</i> and <i>Bmp4</i> . <i>Scientific Reports</i> , 2019, 9, 3136.	3.3	1,637
64	The genome of the arapaima (<i>Arapaima gigas</i>) provides insights into gigantism, fast growth and chromosomal sex determination system. <i>Scientific Reports</i> , 2019, 9, 5293.	3.3	25
65	Fragile DNA contributes to repeated evolution. <i>Genome Biology</i> , 2019, 20, 39.	8.8	8
66	Pleiotropic jaw morphology links the evolution of mechanical modularity and functional feeding convergence in Lake Malawi cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182358.	2.6	23
67	Evolutionary Dynamics of Structural Variation at a Key Locus for Color Pattern Diversification in Cichlid Fishes. <i>Genome Biology and Evolution</i> , 2019, 11, 3452-3465.	2.5	15
68	Early developmental and allometric patterns in the electric yellow cichlid <i>Labidochromis caeruleus</i> . <i>Journal of Fish Biology</i> , 2018, 92, 1888-1901.	1.6	11
69	Genetic evidence for panmixia in a colony-breeding crater lake cichlid fish. <i>Scientific Reports</i> , 2018, 8, 1166.	3.3	6
70	The skeletal ontogeny of <i>Astatotilapia burtoni</i> " a direct-developing model system for the evolution and development of the teleost body plan. <i>BMC Developmental Biology</i> , 2018, 18, 8.	2.1	33
71	Success of cuckoo catfish brood parasitism reflects coevolutionary history and individual experience of their cichlid hosts. <i>Science Advances</i> , 2018, 4, eaar4380.	10.3	26
72	Morphological and genetic correlates in the "right asymmetric scale-eating cichlid fish of Lake Tanganyika. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 67-84.	1.6	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. <i>Ecology and Evolution</i> , 2018, 8, 11945-11953.	1.9	13
74	Genome sequence of walking catfish (<i>Clarias batrachus</i>) provides insights into terrestrial adaptation. <i>BMC Genomics</i> , 2018, 19, 952.	2.8	36
75	Long-term experimental hybridisation results in the evolution of a new sex chromosome in swordtail fish. <i>Nature Communications</i> , 2018, 9, 5136.	12.8	27
76	Phylogenomics of a putatively convergent novelty: did hypertrophied lips evolve once or repeatedly in Lake Malawi cichlid fishes?. <i>BMC Evolutionary Biology</i> , 2018, 18, 179.	3.2	14
77	Agouti-related peptide 2 facilitates convergent evolution of stripe patterns across cichlid fish radiations. <i>Science</i> , 2018, 362, 457-460.	12.6	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. <i>Evolution Letters</i> , 2018, 2, 323-340.	3.3	39
79	Evolutionary divergence of 3' UTRs in cichlid fishes. <i>BMC Genomics</i> , 2018, 19, 433.	2.8	20
80	Convergent phenotypic evolution of the visual system via different molecular routes: How Neotropical cichlid fishes adapt to novel light environments. <i>Evolution Letters</i> , 2018, 2, 341-354.	3.3	33
81	Phylogenomics uncovers early hybridization and adaptive loci shaping the radiation of Lake Tanganyika cichlid fishes. <i>Nature Communications</i> , 2018, 9, 3159.	12.8	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. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 202-214.	1.3	16
83	Gene(s) and individual feeding behavior: Exploring eco-evolutionary dynamics underlying left-right asymmetry in the scale-eating cichlid fish <i>Perissodus microlepis</i> . <i>Ecology and Evolution</i> , 2018, 8, 5495-5507.	1.9	3
84	The imperiled fish fauna in the Nicaragua Canal zone. <i>Conservation Biology</i> , 2017, 31, 86-95.	4.7	15
85	Towards understanding the genetic basis of mouth asymmetry in the scale-eating cichlid <i>Perissodus microlepis</i> . <i>Molecular Ecology</i> , 2017, 26, 77-91.	3.9	25
86	Incipient speciation driven by hypertrophied lips in Midas cichlid fishes?. <i>Molecular Ecology</i> , 2017, 26, 2348-2362.	3.9	33
87	Genetic dissection of adaptive form and function in rapidly speciating cichlid fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1297-1312.	2.3	31
88	quaddRAD: a new high-multiplexing and PCR duplicate removal ddRAD protocol produces novel evolutionary insights in a nonradiating cichlid lineage. <i>Molecular Ecology</i> , 2017, 26, 2783-2795.	3.9	57
89	The role of rare morph advantage and conspicuousness in the stable gold-dark colour polymorphism of a crater lake Midas cichlid fish. <i>Journal of Animal Ecology</i> , 2017, 86, 1044-1053.	2.8	8
90	Phylogenomic analysis of a rapid radiation of misfit fishes (Syngnathiformes) using ultraconserved elements. <i>Molecular Phylogenetics and Evolution</i> , 2017, 113, 33-48.	2.7	49

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91	Rapid and Parallel Adaptive Evolution of the Visual System of Neotropical Midas Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2017, 34, 2469-2485.	8.9	60
92	Phylogenomic analysis of Lake Malawi cichlid fishes: Further evidence that the three-stage model of diversification does not fit. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 40-48.	2.7	14
93	Animal tracking meets migration genomics: transcriptomic analysis of a partially migratory bird species. <i>Molecular Ecology</i> , 2017, 26, 3204-3216.	3.9	48
94	Genome Compositional Organization in Gars Shows More Similarities to Mammals than to Other Ray-finned Fish. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2017, 328, 607-619.	1.3	27
95	Lateralized Feeding Behavior is Associated with Asymmetrical Neuroanatomy and Lateralized Gene Expressions in the Brain in Scale-Eating Cichlid Fish. <i>Genome Biology and Evolution</i> , 2017, 9, 3122-3136.	2.5	27
96	The Integrated Genomic Architecture and Evolution of Dental Divergence in East African Cichlid Fishes (<i>Haplochromis chilotes</i> x <i>H. nyererei</i>). <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3195-3202.	1.8	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 (<i>Amphilophus citrinellus</i> spp.). <i>Molecular Ecology</i> , 2017, 26, 5582-5593.	3.9	50
98	Phylotranscriptomic consolidation of the jawed vertebrate timetree. <i>Nature Ecology and Evolution</i> , 2017, 1, 1370-1378.	7.8	247
99	Molecular investigation of genetic assimilation during the rapid adaptive radiations of East African cichlid fishes. <i>Molecular Ecology</i> , 2017, 26, 6634-6653.	3.9	22
100	How plasticity, genetic assimilation and cryptic genetic variation may contribute to adaptive radiations. <i>Molecular Ecology</i> , 2017, 26, 330-350.	3.9	160
101	Tol2 transposon-mediated transgenesis in the Midas cichlid (<i>Amphilophus citrinellus</i>) – towards understanding gene function and regulatory evolution in an ecological model system for rapid phenotypic diversification. <i>BMC Developmental Biology</i> , 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. <i>PLoS Genetics</i> , 2016, 12, e1006157.	3.5	97
103	Do relaxed selection and habitat temperature facilitate biased mitogenomic introgression in a narrowly endemic fish?. <i>Ecology and Evolution</i> , 2016, 6, 3684-3698.	1.9	13
104	Genetic linkage of distinct adaptive traits in sympatrically speciating crater lake cichlid fish. <i>Nature Communications</i> , 2016, 7, 12736.	12.8	61
105	The seahorse genome and the evolution of its specialized morphology. <i>Nature</i> , 2016, 540, 395-399.	27.8	186
106	Genetic evidence for prevalence of alloparental care in a socially monogamous biparental cichlid fish, <i>Perissodus microlepis</i> , from Lake Tanganyika supports the ‘selfish shepherd effect’ hypothesis. <i>Ecology and Evolution</i> , 2016, 6, 2843-2853.	1.9	12
107	Chromosomal rearrangements, phenotypic variation and modularity: a case study from a contact zone between house mouse Robertsonian races in Central Italy. <i>Ecology and Evolution</i> , 2016, 6, 1353-1362.	1.9	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 <i>Xiphophorus</i> fishes. <i>Ecology and Evolution</i> , 2016, 6, 7207-7220.	1.9	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?. <i>Ecology and Evolution</i> , 2016, 6, 5342-5357.	1.9	44
111	The Identification of the Closest Living Relative(s) of Tetrapods: Phylogenomic Lessons for Resolving Short Ancient Internodes. <i>Systematic Biology</i> , 2016, 65, 1057-1075.	5.6	45
112	Critical Uncertainties and Gaps in the Environmental- and Social-Impact Assessment of the Proposed Interoceanic Canal through Nicaragua. <i>BioScience</i> , 2016, 66, 632-645.	4.9	12
113	Oil extraction imperils Africa's Great Lakes. <i>Science</i> , 2016, 354, 561-562.	12.6	15
114	Biting into the Genome to Phenome Map: Developmental Genetic Modularity of Cichlid Fish Dentitions. <i>Integrative and Comparative Biology</i> , 2016, 56, 373-388.	2.0	25
115	The Role of microRNAs in the Repeated Parallel Diversification of Lineages of Midas Cichlid Fish from Nicaragua. <i>Genome Biology and Evolution</i> , 2016, 8, 1543-1555.	2.5	35
116	Are sympatrically speciating Midas cichlid fish special? Patterns of morphological and genetic variation in the closely related species <i>Archocentrus centrarchus</i> . <i>Ecology and Evolution</i> , 2016, 6, 4102-4114.	1.9	21
117	Eco-morphological differentiation in Lake Magadi tilapia, an extremophile cichlid fish living in hot, alkaline and hypersaline lakes in East Africa. <i>Molecular Ecology</i> , 2016, 25, 1610-1625.	3.9	24
118	Genomic incompatibilities in the diploid and tetraploid offspring of the goldfish \times common carp cross. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1327-1332.	7.1	119
119	The spotted gar genome illuminates vertebrate evolution and facilitates human-teleost comparisons. <i>Nature Genetics</i> , 2016, 48, 427-437.	21.4	545
120	Lessons Learnt, Open Research Questions and Recommendations. <i>Water Resources Development and Management</i> , 2016, , 279-292.	0.4	0
121	Genetic and environmental effects on the morphological asymmetry in the scale-eating cichlid fish, <i>Perissodus microlepis</i> . <i>Ecology and Evolution</i> , 2015, 5, 4277-4286.	1.9	19
122	Molecular Evolution of the Neural Crest Regulatory Network in Ray-Finned Fish. <i>Genome Biology and Evolution</i> , 2015, 7, 3033-3046.	2.5	8
123	Sympatric ecological divergence associated with a color polymorphism. <i>BMC Biology</i> , 2015, 13, 82.	3.8	32
124	Sexual dimorphism in a trophically polymorphic cichlid fish?. <i>Journal of Morphology</i> , 2015, 276, 1448-1454.	1.2	9
125	The phantoms of a high-seven - or - why do our thumbs stick out?. <i>Frontiers in Zoology</i> , 2015, 12, 23.	2.0	4
126	Intrastrand triplex DNA repeats in bacteria: a source of genomic instability. <i>Nucleic Acids Research</i> , 2015, 43, gkv1017.	14.5	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€wordâ€out of a caudal fin. <i>Ecology and Evolution</i> , 2015, 5, 848-864.	1.9	11
128	Rethink the Nicaragua Canal. <i>Science</i> , 2015, 347, 355-355.	12.6	18
129	Epigenetic modifications of the glucocorticoid receptor gene are associated with the vulnerability to psychopathology in childhood maltreatment. <i>Translational Psychiatry</i> , 2015, 5, e571-e571.	4.8	102
130	Ecological and Lineage-Specific Factors Drive the Molecular Evolution of Rhodopsin in Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2015, 32, 2876-2882.	8.9	30
131	What big lips are good for: on the adaptive function of repeatedly evolved hypertrophied lips of cichlid fishes. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 448-455.	1.6	33
132	Embryonic and larval development in the Midas cichlid fish species flock (<i>Amphilophus</i> spp.): a new evo-devo model for the investigation of adaptive novelties and species differences. <i>BMC Developmental Biology</i> , 2015, 15, 12.	2.1	33
133	Extreme Evolution. <i>Scientific American</i> , 2015, 312, 70-75.	1.0	4
134	Evolution: Tinkering within Gene Regulatory Landscapes. <i>Current Biology</i> , 2015, 25, R285-R288.	3.9	14
135	Parallel evolution in Ugandan crater lakes: repeated evolution of limnetic body shapes in haplochromine cichlid fish. <i>BMC Evolutionary Biology</i> , 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. <i>Journal of Molecular Evolution</i> , 2015, 81, 90-109.	1.8	42
137	Mapping active promoters by ChIP-seq profiling of H3K4me3 in cichlid fish â€ a first step to uncover cis-regulatory elements in ecological model teleosts. <i>Molecular Ecology Resources</i> , 2015, 15, 761-771.	4.8	22
138	Closing the genotypeâ€phenotype gap: Emerging technologies for evolutionary genetics in ecological model vertebrate systems. <i>BioEssays</i> , 2015, 37, 213-226.	2.5	59
139	The Gut Microbial Community of Midas Cichlid Fish in Repeatedly Evolved Limnetic-Benthic Species Pairs. <i>PLoS ONE</i> , 2014, 9, e95027.	2.5	68
140	Conservation: Nicaragua Canal could wreak environmental ruin. <i>Nature</i> , 2014, 506, 287-289.	27.8	32
141	The Imprinted NPAP1 Gene in the Praderâ€Willi Syndrome Region Belongs to a POM121-Related Family of Retrogenes. <i>Genome Biology and Evolution</i> , 2014, 6, 344-351.	2.5	11
142	Evolution of genomic structural variation and genomic architecture in the adaptive radiations of African cichlid fishes. <i>Frontiers in Genetics</i> , 2014, 5, 163.	2.3	29
143	The Evolutionary Genomics of Cichlid Fishes: Explosive Speciation and Adaptation in the Postgenomic Era. <i>Annual Review of Genomics and Human Genetics</i> , 2014, 15, 417-441.	6.2	74
144	CRATER LAKE HABITAT PREDICTS MORPHOLOGICAL DIVERSITY IN ADAPTIVE RADIATIONS OF CICHLID FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2145-2155.	2.3	30

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