

Walter Salzburger

List of Publications by Year in descending order

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165
papers

11,708
citations

22153

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33894

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175
all docs

175
docs citations

175
times ranked

10210
citing authors

#	ARTICLE	IF	CITATIONS
1	The genomic substrate for adaptive radiation in African cichlid fish. <i>Nature</i> , 2014, 513, 375-381.	27.8	874
2	Sympatric speciation in Nicaraguan crater lake cichlid fish. <i>Nature</i> , 2006, 439, 719-723.	27.8	579
3	Convergent Evolution within an Adaptive Radiation of Cichlid Fishes. <i>Current Biology</i> , 2012, 22, 2362-2368.	3.9	391
4	Origin of the Superflock of Cichlid Fishes from Lake Victoria, East Africa. <i>Science</i> , 2003, 300, 325-329.	12.6	357
5	The performance of phylogenetic algorithms in estimating haplotype genealogies with migration. <i>Molecular Ecology</i> , 2011, 20, 1952-1963.	3.9	316
6	Out of Tanganyika: genesis, explosive speciation, key-innovations and phylogeography of the haplochromine cichlid fishes. <i>BMC Evolutionary Biology</i> , 2005, 5, 17.	3.2	313
7	Phylogeny of the Lake Tanganyika Cichlid Species Flock and Its Relationship to the Central and East African Haplochromine Cichlid Fish Faunas. <i>Systematic Biology</i> , 2002, 51, 113-135.	5.6	243
8	TANDEM: integrating automated allele binning into genetics and genomics workflows. <i>Bioinformatics</i> , 2009, 25, 1982-1983.	4.1	240
9	Evolution of the immune system influences speciation rates in teleost fishes. <i>Nature Genetics</i> , 2016, 48, 1204-1210.	21.4	226
10	Genome divergence during evolutionary diversification as revealed in replicate lake-stream stickleback population pairs. <i>Molecular Ecology</i> , 2012, 21, 2852-2862.	3.9	222
11	The interaction of sexually and naturally selected traits in the adaptive radiations of cichlid fishes. <i>Molecular Ecology</i> , 2009, 18, 169-185.	3.9	217
12	Lake Level Fluctuations Synchronize Genetic Divergences of Cichlid Fishes in African Lakes. <i>Molecular Biology and Evolution</i> , 2001, 18, 144-154.	8.9	209
13	Understanding explosive diversification through cichlid fish genomics. <i>Nature Reviews Genetics</i> , 2018, 19, 705-717.	16.3	194
14	The species flocks of East African cichlid fishes: recent advances in molecular phylogenetics and population genetics. <i>Die Naturwissenschaften</i> , 2004, 91, 277-90.	1.6	191
15	Ecology and Evolution of the African Great Lakes and Their Faunas. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 519-545.	8.3	166
16	The genomic signature of parallel adaptation from shared genetic variation. <i>Molecular Ecology</i> , 2014, 23, 3944-3956.	3.9	162
17	GEOMETRIC MORPHOMETRIC ANALYSES PROVIDE EVIDENCE FOR THE ADAPTIVE CHARACTER OF THE TANGANYIKAN CICHLID FISH RADIATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 560-578.	2.3	151
18	Vision using multiple distinct rod opsins in deep-sea fishes. <i>Science</i> , 2019, 364, 588-592.	12.6	151

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19	Drivers and dynamics of a massive adaptive radiation in cichlid fishes. <i>Nature</i> , 2021, 589, 76-81.	27.8	151
20	Novel Relationships Among Ten Fish Model Species Revealed Based on a Phylogenomic Analysis Using ESTs. <i>Journal of Molecular Evolution</i> , 2006, 62, 772-784.	1.8	150
21	Adaptive phenotypic plasticity in the Midas cichlid fish pharyngeal jaw and its relevance in adaptive radiation. <i>BMC Evolutionary Biology</i> , 2011, 11, 116.	3.2	147
22	Genetics of Sexual Development: An Evolutionary Playground for Fish. <i>Genetics</i> , 2014, 196, 579-591.	2.9	137
23	Bayesian Divergence-Time Estimation with Genome-Wide Single-Nucleotide Polymorphism Data of Sea Catfishes (Ariidae) Supports Miocene Closure of the Panamanian Isthmus. <i>Systematic Biology</i> , 2018, 67, 681-699.	5.6	137
24	Deciphering the Origin and Evolution of Hepatitis B Viruses by Means of a Family of Non-enveloped Fish Viruses. <i>Cell Host and Microbe</i> , 2017, 22, 387-399.e6.	11.0	134
25	Case studies and mathematical models of ecological speciation. 1. Cichlids in a crater lake. <i>Molecular Ecology</i> , 2007, 16, 2893-2909.	3.9	132
26	Uninformative polymorphisms bias genome scans for signatures of selection. <i>BMC Evolutionary Biology</i> , 2012, 12, 94.	3.2	130
27	Ancestral duplications and highly dynamic opsin gene evolution in percomorph fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1493-1498.	7.1	129
28	The genomics of organismal diversification illuminated by adaptive radiations. <i>Trends in Genetics</i> , 2015, 31, 491-499.	6.7	119
29	On the Origin and Trigger of the Notothenioid Adaptive Radiation. <i>PLoS ONE</i> , 2011, 6, e18911.	2.5	115
30	The evolution of cichlid fish egg-spots is linked with a cis-regulatory change. <i>Nature Communications</i> , 2014, 5, 5149.	12.8	110
31	Gut Microbiota Dynamics during Dietary Shift in Eastern African Cichlid Fishes. <i>PLoS ONE</i> , 2015, 10, e0127462.	2.5	109
32	Hybrid origin of a swordtail species (Teleostei: <i>Xiphophorus clemenciae</i>) driven by sexual selection. <i>Molecular Ecology</i> , 2006, 15, 721-730.	3.9	105
33	Taxl: a software tool for DNA barcoding using distance methods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1975-1980.	4.0	104
34	Many genes in fish have species-specific asymmetric rates of molecular evolution. <i>BMC Genomics</i> , 2006, 7, 20.	2.8	100
35	Ancestral Hybridization Facilitated Species Diversification in the Lake Malawi Cichlid Fish Adaptive Radiation. <i>Molecular Biology and Evolution</i> , 2020, 37, 1100-1113.	8.9	98
36	Adaptive sequence evolution in a color gene involved in the formation of the characteristic egg-dummies of male haplochromine cichlid fishes. <i>BMC Biology</i> , 2007, 5, 51.	3.8	93

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37	Parallel Evolution of a Type IV Secretion System in Radiating Lineages of the Host-Restricted Bacterial Pathogen <i>Bartonella</i> . <i>PLoS Genetics</i> , 2011, 7, e1001296.	3.5	92
38	A tribal level phylogeny of Lake Tanganyika cichlid fishes based on a genomic multi-marker approach. <i>Molecular Phylogenetics and Evolution</i> , 2015, 83, 56-71.	2.7	92
39	To Be or Not to Be a Flatworm: The Acoel Controversy. <i>PLoS ONE</i> , 2009, 4, e5502.	2.5	86
40	Origins of Shared Genetic Variation in African Cichlids. <i>Molecular Biology and Evolution</i> , 2013, 30, 906-917.	8.9	86
41	Bayesian Phylogenetic Estimation of Clade Ages Supports Trans-Atlantic Dispersal of Cichlid Fishes. <i>Systematic Biology</i> , 2017, 66, syw076.	5.6	86
42	Parallel evolution of facial stripe patterns in the <i>Neolamprologus brichardi/pulcher</i> species complex endemic to Lake Tanganyika. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 706-715.	2.7	83
43	Pleistocene desiccation in East Africa bottlenecked but did not extirpate the adaptive radiation of Lake Victoria haplochromine cichlid fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13404-13409.	7.1	82
44	Constraints on speciation suggested by comparing lake-stream stickleback divergence across two continents. <i>Molecular Ecology</i> , 2010, 19, 4963-4978.	3.9	81
45	Disentangling Incomplete Lineage Sorting and Introgression to Refine Species-Tree Estimates for Lake Tanganyika Cichlid Fishes. <i>Systematic Biology</i> , 2017, 66, syw069.	5.6	81
46	Evolutionary Relationships in the Sand-Dwelling Cichlid Lineage of Lake Tanganyika Suggest Multiple Colonization of Rocky Habitats and Convergent Origin of Biparental Mouthbrooding. <i>Journal of Molecular Evolution</i> , 2004, 58, 79-96.	1.8	80
47	Phylogenetic relationships of the lamprologine cichlid genus <i>Lepidolamprologus</i> (Teleostei). <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 426-438.	2.7	79
48	Gene flow by larval dispersal in the Antarctic notothenioid fish <i>Gobionotothen gibberifrons</i> . <i>Molecular Ecology</i> , 2009, 18, 2574-2587.	3.9	78
49	Convergence of gut microbiotas in the adaptive radiations of African cichlid fishes. <i>ISME Journal</i> , 2017, 11, 1975-1987.	9.8	76
50	Evolutionary history of the Lake Tanganyika cichlid tribe Lamprologini (Teleostei: Perciformes) derived from mitochondrial and nuclear DNA data. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 266-284.	2.7	75
51	Phylogeography and Evolution of the Tanganyikan Cichlid Genus <i>Tropheus</i> Based upon Mitochondrial DNA Sequences. <i>Journal of Molecular Evolution</i> , 2003, 56, 54-68.	1.8	71
52	Asymmetric Evolution in Two Fish-Specifically Duplicated Receptor Tyrosine Kinase Paralogons Involved in Teleost Coloration. <i>Molecular Biology and Evolution</i> , 2006, 23, 1192-1202.	8.9	71
53	Separated by sand, fused by dropping water: habitat barriers and fluctuating water levels steer the evolution of rock-dwelling cichlid populations in Lake Tanganyika. <i>Molecular Ecology</i> , 2011, 20, 2272-2290.	3.9	68
54	Parallel ecological diversification in Antarctic notothenioid fishes as evidence for adaptive radiation. <i>Molecular Ecology</i> , 2011, 20, 4707-4721.	3.9	68

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55	Genomics of speciation and introgression in Princess cichlid fishes from Lake Tanganyika. <i>Molecular Ecology</i> , 2016, 25, 6143-6161.	3.9	68
56	Phylogeography of the vairone (<i>Leuciscus souffia</i> , Risso 1826) in Central Europe. <i>Molecular Ecology</i> , 2003, 12, 2371-2386.	3.9	67
57	Colour-assortative mating among populations of <i>Tropheus moorii</i> , a cichlid fish from Lake Tanganyika, East Africa. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 257-266.	2.6	66
58	The ecological and genetic basis of convergent thick-lipped phenotypes in cichlid fishes. <i>Molecular Ecology</i> , 2013, 22, 670-684.	3.9	66
59	Evolution of the tribe Tropheini from Lake Tanganyika: synchronized explosive speciation producing multiple evolutionary parallelism. <i>Hydrobiologia</i> , 2003, 500, 51-64.	2.0	64
60	The Function of Anal Fin Egg-Spots in the Cichlid Fish <i>Astatotilapia burtoni</i> . <i>PLoS ONE</i> , 2012, 7, e29878.	2.5	64
61	Species-Specific Population Structure in Rock-Specialized Sympatric Cichlid Species in Lake Tanganyika, East Africa. <i>Journal of Molecular Evolution</i> , 2007, 64, 33-49.	1.8	63
62	Advances in ecological speciation: an integrative approach. <i>Molecular Ecology</i> , 2014, 23, 513-521.	3.9	63
63	Adaptive divergence between lake and stream populations of an East African cichlid fish. <i>Molecular Ecology</i> , 2014, 23, 5304-5322.	3.9	63
64	Expression and Sequence Evolution of Aromatase <i>cyp19a1</i> and Other Sexual Development Genes in East African Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2013, 30, 2268-2285.	8.9	62
65	Phylogeography of Barbary macaques (<i>Macaca sylvanus</i>) and the origin of the Gibraltar colony. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7392-7397.	7.1	61
66	Comparative Transcriptomics in East African Cichlids Reveals Sex- and Species-Specific Expression and New Candidates for Sex Differentiation in Fishes. <i>Genome Biology and Evolution</i> , 2014, 6, 2567-2585.	2.5	61
67	Comparative Transcriptomics of Eastern African Cichlid Fishes Shows Signs of Positive Selection and a Large Contribution of Untranslated Regions to Genetic Diversity. <i>Genome Biology and Evolution</i> , 2011, 3, 443-455.	2.5	56
68	Paraphyly of the Blue Tit (<i>Parus caeruleus</i>) suggested from cytochrome b sequences. <i>Molecular Phylogenetics and Evolution</i> , 2002, 24, 19-25.	2.7	53
69	Comparative Phylogenetic Analyses of the Adaptive Radiation of Lake Tanganyika Cichlid Fish: Nuclear Sequences Are Less Homoplasious But Also Less Informative Than Mitochondrial DNA. <i>Journal of Molecular Evolution</i> , 2005, 61, 666-681.	1.8	51
70	How Cichlids Diversify. <i>Science</i> , 2012, 338, 619-621.	12.6	50
71	Testing the stages model in the adaptive radiation of cichlid fishes in East African Lake Tanganyika. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140605.	2.6	50
72	Annotation of expressed sequence tags for the East African cichlid fish <i>Astatotilapia burtoni</i> and evolutionary analyses of cichlid ORFs. <i>BMC Genomics</i> , 2008, 9, 96.	2.8	48

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73	The Visual Opsin Gene Repertoires of Teleost Fishes: Evolution, Ecology, and Function. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 441-468.	9.4	48
74	The taxonomic diversity of the cichlid fish fauna of ancient Lake Tanganyika, East Africa. <i>Journal of Great Lakes Research</i> , 2020, 46, 1067-1078.	1.9	47
75	Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes: Tj ETQq1 1 0.784314 rgBT /Oyerlock 10 3.2 46	3.2	46
76	HOSTS ARE AHEAD IN A MARINE HOST-PARASITE COEVOLUTIONARY ARMS RACE: INNATE IMMUNE SYSTEM ADAPTATION IN PIPEFISH SYNGNATHUS TYPHLE AGAINST VIBRIO PHYLOTYPES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2528-2539.	2.3	45
77	Comparative population genetics of seven notothenioid fish species reveals high levels of gene flow along ocean currents in the southern Scotia Arc, Antarctica. <i>Polar Biology</i> , 2012, 35, 1073-1086.	1.2	44
78	Comparative genomics of ParaHox clusters of teleost fishes: gene cluster breakup and the retention of gene sets following whole genome duplications. <i>BMC Genomics</i> , 2007, 8, 312.	2.8	43
79	Strong genome-wide divergence between sympatric European river and brook lampreys. <i>Current Biology</i> , 2013, 23, R649-R650.	3.9	43
80	From crypsis to mimicry: changes in colour and the configuration of the visual system during ontogenetic habitat transitions in a coral reef fish. <i>Journal of Experimental Biology</i> , 2016, 219, 2545-58.	1.7	42
81	Why UV vision and red vision are important for damselfish (Pomacentridae): structural and expression variation in opsin genes. <i>Molecular Ecology</i> , 2017, 26, 1323-1342.	3.9	42
82	The genomic timeline of cichlid fish diversification across continents. <i>Nature Communications</i> , 2020, 11, 5895.	12.8	41
83	GENETIC ARCHITECTURE OF SKELETAL EVOLUTION IN EUROPEAN LAKE AND STREAM STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1792-1805.	2.3	40
84	Boule-like genes regulate male and female gametogenesis in the flatworm <i>Macrostomum lignano</i> . <i>Developmental Biology</i> , 2011, 357, 117-132.	2.0	39
85	A Sensory Bias Has Triggered the Evolution of Egg-Spots in Cichlid Fishes. <i>PLoS ONE</i> , 2011, 6, e25601.	2.5	39
86	Testing the performance of environmental DNA metabarcoding for surveying highly diverse tropical fish communities: A case study from Lake Tanganyika. <i>Environmental DNA</i> , 2020, 2, 24-41.	5.8	38
87	Comparative transcriptomics of anal fin pigmentation patterns in cichlid fishes. <i>BMC Genomics</i> , 2016, 17, 712.	2.8	35
88	Variations on a theme: Genomics of sex determination in the cichlid fish <i>Astatotilapia burtoni</i> . <i>BMC Genomics</i> , 2016, 17, 883.	2.8	34
89	Dynamics of sex chromosome evolution in a rapid radiation of cichlid fishes. <i>Science Advances</i> , 2021, 7, eabe8215.	10.3	33
90	Population-structure and genetic diversity in a haplochromine fish cichlid of a satellite lake of Lake Victoria. <i>Molecular Ecology</i> , 2004, 13, 2589-2602.	3.9	32

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91	A BAC library of the East African haplochromine cichlid fish <i>Astatotilapia burtoni</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 35-44.	1.3	32
92	Inhibition of Aromatase Induces Partial Sex Change in a Cichlid Fish: Distinct Functions for Sex Steroids in Brains and Gonads. <i>Sexual Development</i> , 2016, 10, 97-110.	2.0	32
93	Gene expression dynamics during rapid organismal diversification in African cichlid fishes. <i>Nature Ecology and Evolution</i> , 2021, 5, 243-250.	7.8	32
94	Phylogeography and Ecological Niche Shape the Cichlid Fish Gut Microbiota in Central American and African Lakes. <i>Frontiers in Microbiology</i> , 2019, 10, 2372.	3.5	31
95	Phylogeography of the Eurasian Willow Tit (<i>Parus montanus</i>) based on DNA sequences of the mitochondrial cytochrome b gene. <i>Molecular Phylogenetics and Evolution</i> , 2002, 24, 26-34.	2.7	29
96	Mitochondrial phylogeny of the Cyprichromini, a lineage of open-water cichlid fishes endemic to Lake Tanganyika, East Africa. <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 382-391.	2.7	29
97	Genetics and timing of sex determination in the East African cichlid fish <i>Astatotilapia burtoni</i> . <i>BMC Genetics</i> , 2014, 15, 140.	2.7	29
98	Evolution of the visual sensory system in cichlid fishes from crater lake Barombi Mbo in Cameroon. <i>Molecular Ecology</i> , 2019, 28, 5010-5031.	3.9	29
99	The Most Developmentally Truncated Fishes Show Extensive Hox Gene Loss and Miniaturized Genomes. <i>Genome Biology and Evolution</i> , 2018, 10, 1088-1103.	2.5	28
100	Intrinsic and extrinsic factors act at different spatial and temporal scales to shape population structure, distribution and speciation in Italian <i>Barbus</i> (Osteichthyes: Cyprinidae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 89, 115-129.	2.7	26
101	Repeated Evolution Versus Common Ancestry: Sex Chromosome Evolution in the Haplochromine Cichlid <i>Pseudocrenilabrus philander</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 439-458.	2.5	26
102	Genetic Variation and Hybridization in Evolutionary Radiations of Cichlid Fishes. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 55-79.	7.4	24
103	The role of the Yala swamp lakes in the conservation of Lake Victoria region haplochromine cichlids: Evidence from genetic and trophic ecology studies. <i>Lakes and Reservoirs: Research and Management</i> , 2008, 13, 95-104.	0.9	22
104	Phylogeography of the Italian vairone (<i>Telestes muticellus</i> , Bonaparte 1837) inferred by microsatellite markers: evolutionary history of a freshwater fish species with a restricted and fragmented distribution. <i>BMC Evolutionary Biology</i> , 2010, 10, 111.	3.2	22
105	Introgressive Hybridization between Color Morphs in a Population of Cichlid Fishes Twelve Years after Human-Induced Secondary Admixis. <i>Journal of Heredity</i> , 2012, 103, 515-522.	2.4	20
106	Variation of anal fin egg-spots along an environmental gradient in a haplochromine cichlid fish. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 766-777.	2.3	20
107	Demography and genome divergence of lake and stream populations of an East African cichlid fish. <i>Molecular Ecology</i> , 2017, 26, 5016-5030.	3.9	20
108	A functional trade-off between trophic adaptation and parental care predicts sexual dimorphism in cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191050.	2.6	20

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109	Habitat use and its implications to functional morphology: niche partitioning and the evolution of locomotory morphology in Lake Tanganyikan cichlids (Perciformes: Cichlidae). <i>Biological Journal of the Linnean Society</i> , 2016, 118, 536-550.	1.6	19
110	Real-time social selection maintains honesty of a dynamic visual signal in cooperative fish. <i>Evolution Letters</i> , 2017, 1, 269-278.	3.3	19
111	A BAC library for the goldfish <i>Carassius auratus auratus</i> (Cyprinidae, Cypriniformes). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 567-574.	1.3	18
112	A complex mode of aggressive mimicry in a scale-eating cichlid fish. <i>Biology Letters</i> , 2015, 11, 20150521.	2.3	18
113	Environmental context for understanding the iconic adaptive radiation of cichlid fishes in Lake Malawi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11654-11656.	7.1	18
114	Phylogenomics of an extra-Antarctic notothenioid radiation reveals a previously unrecognized lineage and diffuse species boundaries. <i>BMC Evolutionary Biology</i> , 2019, 19, 13.	3.2	18
115	The Adaptive Radiation of Notothenioid Fishes in the Waters of Antarctica. , 2015, , 35-57.		18
116	Microsatellites from the vairone <i>Leuciscus souffia</i> (Pisces: Cyprinidae) and their application to closely related species. <i>Molecular Ecology Notes</i> , 2007, 7, 1048-1050.	1.7	17
117	Identification and Characterization of Gene Expression Involved in the Coloration of Cichlid Fish Using Microarray and qRT-PCR Approaches. <i>Journal of Molecular Evolution</i> , 2011, 72, 127-137.	1.8	16
118	Molecular Characterization of Two Endothelin Pathways in East African Cichlid Fishes. <i>Journal of Molecular Evolution</i> , 2011, 73, 355-368.	1.8	16
119	Ecomorphological disparity in an adaptive radiation: opercular bone shape and stable isotopes in Antarctic icefishes. <i>Ecology and Evolution</i> , 2013, 3, 3166-3182.	1.9	16
120	Evolution of opercle shape in cichlid fishes from Lake Tanganyika - adaptive trait interactions in extant and extinct species flocks. <i>Scientific Reports</i> , 2015, 5, 16909.	3.3	15
121	Adaptive phenotypic plasticity contributes to divergence between lake and river populations of an East African cichlid fish. <i>Ecology and Evolution</i> , 2018, 8, 7323-7333.	1.9	15
122	Structural manipulations of a shelter resource reveal underlying preference functions in a shell-dwelling cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200127.	2.6	15
123	Evolution: Cichlid Models on the Runaway to Speciation. <i>Current Biology</i> , 2012, 22, R956-R958.	3.9	14
124	Effects of parental care on resource allocation into immune defense and buccal microbiota in mouthbrooding cichlid fishes*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1109-1123.	2.3	14
125	Evolution of opercle bone shape along a macrohabitat gradient: species identification using mtDNA and geometric morphometric analyses in neotropical sea catfishes (Ariidae). <i>Ecology and Evolution</i> , 2016, 6, 5817-5830.	1.9	13
126	Singing above the chorus: cooperative Princess cichlid fish (<i>Neolamprologus pulcher</i>) has high pitch. <i>Hydrobiologia</i> , 2017, 791, 115-125.	2.0	13

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127	Evolutionary Fate of the Androgen ReceptorâSignaling Pathway in Ray-Finned Fishes with a Special Focus on Cichlids. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2275-2283.	1.8	12
128	The puzzling phylogeography of the haplochromine cichlid fish <i>Astatotilapia burtoni</i> . <i>Ecology and Evolution</i> , 2018, 8, 5637-5648.	1.9	12
129	An exploration of the links between parasites, trophic ecology, morphology, and immunogenetics in the Lake Tanganyika cichlid radiation. <i>Hydrobiologia</i> , 2019, 832, 215-233.	2.0	12
130	Parental investment matters for maternal and offspring immune defense in the mouthbrooding cichlid <i>Astatotilapia burtoni</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 264.	3.2	11
131	Evolution of the tribe Tropheini from Lake Tanganyika: synchronized explosive speciation producing multiple evolutionary parallelism. , 2003, , 51-64.		11
132	Evidence for sympatric speciation? (Reply). <i>Nature</i> , 2006, 444, E13-E13.	27.8	10
133	A novel primer set for multilocus phylogenetic inference in East African cichlid fishes. <i>Molecular Ecology Resources</i> , 2012, 12, 1097-1104.	4.8	10
134	Immune-Related Functions of the Hivp Gene Family in East African Cichlid Fishes. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 2205-2217.	1.8	10
135	Back to Tanganyika: a case of recent trans-species-flock dispersal in East African haplochromine cichlid fishes. <i>Royal Society Open Science</i> , 2015, 2, 140498.	2.4	10
136	PointâCombination Transect (<scp>PCT</scp>): Incorporation of small underwater cameras to study fish communities. <i>Methods in Ecology and Evolution</i> , 2019, 10, 891-901.	5.2	10
137	Tracing evolutionary decoupling of oral and pharyngeal jaws in cichlid fishes. <i>Evolution Letters</i> , 2021, 5, 625-635.	3.3	10
138	Molecular evolution and depthârelated adaptations of rhodopsin in the adaptive radiation of cichlid fishes in Lake Tanganyika. <i>Molecular Ecology</i> , 2022, 31, 2882-2897.	3.9	10
139	Sequence analyses of the distal-less homeobox gene family in East African cichlid fishes reveal signatures of positive selection. <i>BMC Evolutionary Biology</i> , 2013, 13, 153.	3.2	9
140	Egg-spot pattern and body size asymmetries influence male aggression in haplochromine cichlid fishes. <i>Behavioral Ecology</i> , 2015, 26, 1512-1519.	2.2	9
141	Comparative scale morphology in the adaptive radiation of cichlid fishes (Perciformes: Cichlidae) from Lake Tanganyika. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 541-556.	1.6	9
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147	Depth-dependent abundance of Midas Cichlid fish (<i>Amphilophus</i> spp.) in two Nicaraguan crater lakes. <i>Hydrobiologia</i> , 2012, 686, 277-285.	2.0	8
148	The diverse prey spectrum of the Tanganyikan scale-eater <i>Perissodus microlepis</i> (Boulenger, 1898). <i>Hydrobiologia</i> , 2019, 832, 85-92.	2.0	8
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