

# Ole Seehausen

## List of Publications by Year in descending order

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183  
papers

18,152  
citations

23567

58  
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16183

124  
g-index

196  
all docs

196  
docs citations

196  
times ranked

13097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybridization and adaptive radiation. Trends in Ecology and Evolution, 2004, 19, 198-207.	8.7	1,520
2	Speciation through sensory drive in cichlid fish. Nature, 2008, 455, 620-626.	27.8	947
3	The genomic substrate for adaptive radiation in African cichlid fish. Nature, 2014, 513, 375-381.	27.8	874
4	Genomics and the origin of species. Nature Reviews Genetics, 2014, 15, 176-192.	16.8	850
5	EARLY BURSTS OF BODY SIZE AND SHAPE EVOLUTION ARE RARE IN COMPARATIVE DATA. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	672
6	African cichlid fish: a model system in adaptive radiation research. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1987-1998.	2.6	630
7	Ecological explanations for (incomplete) speciation. Trends in Ecology and Evolution, 2009, 24, 145-156.	8.7	612
8	Ancient hybridization fuels rapid cichlid fish adaptive radiations. Nature Communications, 2017, 8, 14363.	12.8	509
9	Genome-wide RAD sequence data provide unprecedented resolution of species boundaries and relationships in the Lake Victoria cichlid adaptive radiation. Molecular Ecology, 2013, 22, 787-798.	3.9	415
10	Ecological opportunity and sexual selection together predict adaptive radiation. Nature, 2012, 487, 366-369.	27.8	412
11	Speciation reversal and biodiversity dynamics with hybridization in changing environments. Molecular Ecology, 2008, 17, 30-44.	3.9	390
12	A Combinatorial View on Speciation and Adaptive Radiation. Trends in Ecology and Evolution, 2019, 34, 531-544.	8.7	390
13	The effect of male coloration on female mate choice in closely related Lake Victoria cichlids () Tj ETQq1 1 0.784314,rgBT /Overlock 10 1.4 371		
14	Ecology, sexual selection and speciation. Ecology Letters, 2011, 14, 591-602.	6.4	371
15	How many species of cichlid fishes are there in African lakes?. Molecular Ecology, 2008, 10, 793-806.	3.9	282
16	Age of Cichlids: New Dates for Ancient Lake Fish Radiations. Molecular Biology and Evolution, 2007, 24, 1269-1282.	8.9	268
17	Male-male competition and nuptial colour displacement as a diversifying force in Lake Victoria cichlid fishes. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1345-1353.	2.6	242
18	Conservation: Losing Biodiversity by Reverse Speciation. Current Biology, 2006, 16, R334-R337.	3.9	221

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19	Divergent selection during speciation of Lake Malawi cichlid fishes inferred from parallel radiations in nuptial coloration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14074-14079.	7.1	214
20	Biodiversity and Fishery Sustainability in the Lake Victoria Basin: An Unexpected Marriage?. <i>BioScience</i> , 2003, 53, 703.	4.9	197
21	Genomics of Rapid Incipient Speciation in Sympatric Threespine Stickleback. <i>PLoS Genetics</i> , 2016, 12, e1005887.	3.5	195
22	GENETIC DISTANCE BETWEEN SPECIES PREDICTS NOVEL TRAIT EXPRESSION IN THEIR HYBRIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 884-897.	2.3	178
23	Intraspecific sexual selection on a speciation trait, male coloration, in the Lake Victoria cichlid <i>Pundamilia nyererei</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2445-2452.	2.6	172
24	Speciation in Freshwater Fishes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 621-651.	8.3	171
25	Divergent Selection on Opsins Drives Incipient Speciation in Lake Victoria Cichlids. <i>PLoS Biology</i> , 2006, 4, e433.	5.6	167
26	An extant cichlid fish radiation emerged in an extinct Pleistocene lake. <i>Nature</i> , 2005, 435, 90-95.	27.8	160
27	Colour vision and speciation in Lake Victoria cichlids of the genus <i>Pundamilia</i> . <i>Molecular Ecology</i> , 2005, 14, 4341-4353.	3.9	151
28	The Eyes Have It: Regulatory and Structural Changes Both Underlie Cichlid Visual Pigment Diversity. <i>PLoS Biology</i> , 2009, 7, e1000266.	5.6	148
29	The ecological and genomic basis of explosive adaptive radiation. <i>Nature</i> , 2020, 586, 75-79.	27.8	146
30	Comparing Adaptive Radiations Across Space, Time, and Taxa. <i>Journal of Heredity</i> , 2020, 111, 1-20.	2.4	146
31	Repeated colonization and hybridization in Lake Malawi cichlids. <i>Current Biology</i> , 2011, 21, R108-R109.	3.9	145
32	Sensory Drive in Cichlid Speciation. <i>American Naturalist</i> , 2006, 167, 947-954.	2.1	143
33	Nuclear markers reveal unexpected genetic variation and a Congolese-Nilotic origin of the Lake Victoria cichlid species flock. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 129-137.	2.6	142
34	Adaptive Molecular Evolution in the Opsin Genes of Rapidly Speciating Cichlid Species. <i>Molecular Biology and Evolution</i> , 2005, 22, 1412-1422.	8.9	138
35	Mechanisms of rapid sympatric speciation by sex reversal and sexual selection in cichlid fish. <i>Genetica</i> , 2001, 112/113, 435-443.	1.1	128
36	Process and pattern in cichlid radiations – inferences for understanding unusually high rates of evolutionary diversification. <i>New Phytologist</i> , 2015, 207, 304-312.	7.3	127

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37	Rapid parallel adaptive radiations from a single hybridogenetic ancestral population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 58-66.	2.6	124
38	Phenotypic novelty in experimental hybrids is predicted by the genetic distance between species of cichlid fish. <i>BMC Evolutionary Biology</i> , 2009, 9, 283.	3.2	121
39	THE ACCUMULATION OF REPRODUCTIVE INCOMPATIBILITIES IN AFRICAN CICHLID FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 617-633.	2.3	118
40	Conditions when hybridization might predispose populations for adaptive radiation. <i>Journal of Evolutionary Biology</i> , 2013, 26, 279-281.	1.7	110
41	Patterns in fish radiation are compatible with Pleistocene desiccation of Lake Victoria and 14 600 year history for its cichlid species flock. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 491-497.	2.6	109
42	A key metabolic gene for recurrent freshwater colonization and radiation in fishes. <i>Science</i> , 2019, 364, 886-889.	12.6	109
43	Demographic modelling with whole-genome data reveals parallel origin of similar <i>Pundamilia</i> cichlid species after hybridization. <i>Molecular Ecology</i> , 2017, 26, 123-141.	3.9	106
44	Patterns of the Remnant Cichlid Fauna in Southern Lake Victoria. <i>Patrones de la Fauna de Ciclidos Remanentes en el Sur del Lago Victoria</i> . <i>Conservation Biology</i> , 1997, 11, 890-904.	4.7	103
45	Genomics of Parallel Ecological Speciation in Lake Victoria Cichlids. <i>Molecular Biology and Evolution</i> , 2018, 35, 1489-1506.	8.9	103
46	Cichlid species-area relationships are shaped by adaptive radiations that scale with area. <i>Ecology Letters</i> , 2014, 17, 583-592.	6.4	101
47	Hybridization between distant lineages increases adaptive variation during a biological invasion: stickleback in Switzerland. <i>Molecular Ecology</i> , 2010, 19, 3995-4011.	3.9	96
48	Direct male-male competition can facilitate invasion of new colour types in Lake Victoria cichlids. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 136-143.	1.4	95
49	A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , 2022, 25, 255-263.	6.4	95
50	Does eutrophication-driven evolution change aquatic ecosystems?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160041.	4.0	89
51	The Role of Parasitism in Adaptive Radiations—When Might Parasites Promote and When Might They Constrain Ecological Speciation?. <i>International Journal of Ecology</i> , 2012, 2012, 1-20.	0.8	87
52	Origins of Shared Genetic Variation in African Cichlids. <i>Molecular Biology and Evolution</i> , 2013, 30, 906-917.	8.9	86
53	The Ecology and Evolution of Stoichiometric Phenotypes. <i>Trends in Ecology and Evolution</i> , 2017, 32, 108-117.	8.7	83
54	Female preference for male color is necessary and sufficient for assortative mating in 2 cichlid sister species. <i>Behavioral Ecology</i> , 2014, 25, 612-626.	2.2	81

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55	The coincidence of ecological opportunity with hybridization explains rapid adaptive radiation in Lake Mweru cichlid fishes. <i>Nature Communications</i> , 2019, 10, 5391.	12.8	79
56	Inheritance of female mating preference in a sympatric sibling species pair of Lake Victoria cichlids: implications for speciation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 237-245.	2.6	77
57	Experimental Evidence of an Eco-evolutionary Feedback during Adaptive Divergence. <i>Current Biology</i> , 2016, 26, 483-489.	3.9	75
58	Female mating preferences and male coloration covary with water transparency in a Lake Victoria cichlid fish. <i>Biological Journal of the Linnean Society</i> , 0, 99, 398-406.	1.6	71
59	What genomic data can reveal about eco-evolutionary dynamics. <i>Nature Ecology and Evolution</i> , 2018, 2, 9-15.	7.8	68
60	The evolutionary diversification of parrots supports a taxon pulse model with multiple trans-oceanic dispersal events and local radiations. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 984-994.	2.7	66
61	Detecting the macroevolutionary signal of species interactions. <i>Journal of Evolutionary Biology</i> , 2019, 32, 769-782.	1.7	66
62	How does the taxonomic status of allopatric populations influence species richness within African cichlid fish assemblages?. <i>Journal of Biogeography</i> , 2004, 31, 93-102.	3.0	65
63	Hybrid Breakdown in Cichlid Fish. <i>PLoS ONE</i> , 2015, 10, e0127207.	2.5	64
64	Morphological Diversity and the Roles of Contingency, Chance and Determinism in African Cichlid Radiations. <i>PLoS ONE</i> , 2009, 4, e4740.	2.5	63
65	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria's ecosystem services. <i>Ecology and Society</i> , 2014, 19, .	2.3	62
66	Macroevolutionary patterns in the diversification of parrots: effects of climate change, geological events and key innovations. <i>Journal of Biogeography</i> , 2011, 38, 2176-2194.	3.0	60
67	Quantitative three-dimensional microtextural analyses of tooth wear as a tool for dietary discrimination in fishes. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2225-2233.	3.4	59
68	River fragmentation increases localized population genetic structure and enhances asymmetry of dispersal in bullhead ( <i>Cottus gobio</i> ). <i>Conservation Genetics</i> , 2012, 13, 545-556.	1.5	59
69	Fitness correlates of male coloration in a Lake Victoria cichlid fish. <i>Behavioral Ecology</i> , 2006, 17, 691-699.	2.2	56
70	A pharyngeal jaw evolutionary innovation facilitated extinction in Lake Victoria cichlids. <i>Science</i> , 2015, 350, 1077-1079.	12.6	55
71	Color Polymorphism and Predation in a Lake Victoria Cichlid Fish. <i>Copeia</i> , 2008, 2008, 621-629.	1.3	54
72	DISENTANGLING THE ROLE OF PHENOTYPIC PLASTICITY AND GENETIC DIVERGENCE IN CONTEMPORARY ECOTYPE FORMATION DURING A BIOLOGICAL INVASION. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2619-2632.	2.3	54

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73	Fish Faunal Resurgence in Lake Nabugabo, East Africa. <i>Conservation Biology</i> , 2003, 17, 500-511.	4.7	53
74	Parasite-mediated sexual selection and species divergence in Lake Victoria cichlid fish. <i>Biological Journal of the Linnean Society</i> , 0, 94, 53-60.	1.6	50
75	Repeated and predictable patterns of ecotypic differentiation during a biological invasion: lake-stream divergence in parapatric stickleback. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2691-2709.	1.7	50
76	Admixture between old lineages facilitated contemporary ecological speciation in Lake Constance stickleback. <i>Nature Communications</i> , 2019, 10, 4240.	12.8	49
77	Disruptive sexual selection on male nuptial coloration in an experimental hybrid population of cichlid fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2861-2870.	4.0	48
78	Upward Adaptive Radiation Cascades: Predator Diversification Induced by Prey Diversification. <i>Trends in Ecology and Evolution</i> , 2018, 33, 59-70.	8.7	48
79	Can male-male competition stabilize speciation? A test in Lake Victoria haplochromine cichlid fish. <i>Behavioral Ecology and Sociobiology</i> , 2006, 59, 704-713.	1.4	47
80	A subterranean adaptive radiation of amphipods in Europe. <i>Nature Communications</i> , 2021, 12, 3688.	12.8	47
81	Why evolutionary biologists should get seriously involved in ecological monitoring and applied biodiversity assessment programs. <i>Evolutionary Applications</i> , 2014, 7, 968-983.	3.1	45
82	Female mating preference functions predict sexual selection against hybrids between sibling species of cichlid fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2871-2877.	4.0	44
83	Interspecific hybridization can generate functional novelty in cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191621.	2.6	44
84	A genetically explicit model of speciation by sensory drive within a continuous population in aquatic environments. <i>BMC Evolutionary Biology</i> , 2007, 7, 99.	3.2	43
85	Assortative mating among Lake Malawi cichlid fish populations is not simply predictable from male nuptial colour. <i>BMC Evolutionary Biology</i> , 2009, 9, 53.	3.2	43
86	Molecular phylogeny of <i>Oreochromis</i> (Cichlidae: Oreochromini) reveals mito-nuclear discordance and multiple colonisation of adverse aquatic environments. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 215-226.	2.7	43
87	Characterization of tetranucleotide microsatellite loci in a Lake Victorian, haplochromine cichlid fish: a <i>Pundamilia pundamilia</i> x <i>Pundamilia nyererei</i> hybrid. <i>Molecular Ecology Notes</i> , 2002, 2, 443-445.	1.7	42
88	Diversity versus disparity and the role of ecological opportunity in a continental bird radiation. <i>Journal of Biogeography</i> , 2014, 41, 1301-1312.	3.0	42
89	The Nile perch invasion in Lake Victoria: cause or consequence of the haplochromine decline?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 622-643.	1.4	38
90	Evaluating genomic divergence and parallelism in replicate ecomorphs from young and old cichlid adaptive radiations. <i>Molecular Ecology</i> , 2016, 25, 260-268.	3.9	38

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91	Polygenic selection drives the evolution of convergent transcriptomic landscapes across continents within a Nearctic sister species complex. <i>Molecular Ecology</i> , 2019, 28, 4388-4403.	3.9	38
92	Behavioral dominance between female color morphs of a Lake Victoria cichlid fish. <i>Behavioral Ecology</i> , 2009, 20, 593-600.	2.2	36
93	MAPPING INDIVIDUAL VARIATION IN MALE MATING PREFERENCE SPACE: MULTIPLE CHOICE IN A COLOR POLYMORPHIC CICHLID FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2372-2388.	2.3	36
94	Mechanisms of species divergence through visual adaptation and sexual selection: Perspectives from a cichlid model system. <i>Environmental Epigenetics</i> , 2010, 56, 285-299.	1.8	36
95	Managing cryptic biodiversity: Fine-scale intralacustrine speciation along a benthic gradient in Alpine whitefish ( <i>Coregonus</i> spp.). <i>Evolutionary Applications</i> , 2017, 10, 251-266.	3.1	35
96	Differential Survival between Visual Environments Supports a Role of Divergent Sensory Drive in Cichlid Fish Speciation. <i>American Naturalist</i> , 2017, 189, 78-85.	2.1	34
97	Rapid buildup of sympatric species diversity in Alpine whitefish. <i>Ecology and Evolution</i> , 2018, 8, 9398-9412.	1.9	34
98	Ecological opportunity shapes a large Arctic charr species radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191992.	2.6	34
99	POPULATION GENOMIC TESTS OF MODELS OF ADAPTIVE RADIATION IN LAKE VICTORIA REGION CICHLID FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3381-3397.	2.3	33
100	Evidence of Adaptive Evolutionary Divergence during Biological Invasion. <i>PLoS ONE</i> , 2012, 7, e49377.	2.5	33
101	Ecological speciation and phenotypic plasticity affect ecosystems. <i>Ecology</i> , 2014, 95, 2723-2735.	3.2	31
102	Prevalence of disruptive selection predicts extent of species differentiation in Lake Victoria cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172630.	2.6	30
103	Genomic insights into the vulnerability of sympatric whitefish species flocks. <i>Molecular Ecology</i> , 2019, 28, 615-629.	3.9	30
104	FREQUENCY-DEPENDENT SOCIAL DOMINANCE IN A COLOR POLYMORPHIC CICHLID FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	29
105	Hybrid "superswarm"™ leads to rapid divergence and establishment of populations during a biological invasion. <i>Molecular Ecology</i> , 2015, 24, 5394-5411.	3.9	29
106	Intrasexual competition among females and the stabilization of a conspicuous colour polymorphism in a Lake Victoria cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 519-526.	2.6	28
107	A Dense Linkage Map of Lake Victoria Cichlids Improved the <i>Pundamilia</i> Genome Assembly and Revealed a Major QTL for Sex-Determination. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2411-2420.	1.8	28
108	Genomic landscape of early ecological speciation initiated by selection on nuptial colour. <i>Molecular Ecology</i> , 2017, 26, 7-24.	3.9	26

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109	Progressive levels of trait divergence along a "speciation transect"™ in the Lake Victoria cichlid fish <i>Pundamilia</i> , 2001, 155-176.		25
110	Cichlid species diversity in naturally and anthropogenically turbid habitats of Lake Victoria, East Africa. <i>Aquatic Sciences</i> , 2013, 75, 169-183.	1.5	25
111	Differential introgression of a female competitive trait in a hybrid zone between sex-role reversed species. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 188-201.	2.3	25
112	Microhabitat distributions and species interactions of ectoparasites on the gills of cichlid fish in Lake Victoria, Tanzania. <i>International Journal for Parasitology</i> , 2021, 51, 201-214.	3.1	24
113	Genomic signatures of relaxed disruptive selection associated with speciation reversal in whitefish. <i>BMC Evolutionary Biology</i> , 2013, 13, 108.	3.2	23
114	Distinct colonization waves underlie the diversification of the freshwater sculpin ( <i>Cottus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 542 1	1.7	23
115	Individual variation in male mating preferences for female coloration in a polymorphic cichlid fish. <i>Behavioral Ecology</i> , 2008, 19, 483-488.	2.2	22
116	Species-Specific Relationships between Water Transparency and Male Coloration within and between Two Closely Related Lake Victoria Cichlid Species. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-12.	1.0	22
117	Differentiation in parasitism among ecotypes of whitefish segregating along depth gradients. <i>Oikos</i> , 2013, 122, 122-128.	2.7	22
118	Parallel adaptations to nectarivory in parrots, key innovations and the diversification of the <i>Sceloporus</i> orriinae. <i>Ecology and Evolution</i> , 2014, 4, 2867-2883.	1.9	22
119	Speciation affects ecosystems. <i>Nature</i> , 2009, 458, 1122-1123.	27.8	21
120	Evaluating gillnetting protocols to characterize lacustrine fish communities. <i>Fisheries Research</i> , 2015, 161, 320-329.	1.7	21
121	The onset of ecological diversification 50 years after colonization of a crater lake by haplochromine cichlid fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180171.	2.6	21
122	Rapid Divergence of Predator Functional Traits Affects Prey Composition in Aquatic Communities. <i>American Naturalist</i> , 2019, 193, 331-345.	2.1	21
123	Structural genomic variation leads to genetic differentiation in Lake Tanganyika's sardines. <i>Molecular Ecology</i> , 2020, 29, 3277-3298.	3.9	21
124	Testing sensory drive speciation in cichlid fish: Linking light conditions to opsin expression, opsin genotype and female mate preference. <i>Journal of Evolutionary Biology</i> , 2020, 33, 422-434.	1.7	20
125	Eutrophication and climate warming alter spatial (depth) co-occurrence patterns of lake phytoplankton assemblages. <i>Hydrobiologia</i> , 2017, 787, 375-385.	2.0	19
126	Divergent parasite infections in sympatric cichlid species in Lake Victoria. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1313-1329.	1.7	19



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127	Threespine Stickleback in Lake Constance: The Ecology and Genomic Substrate of a Recent Invasion. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	19
128	Transgenerational selection driven by divergent ecological impacts of hybridizing lineages. <i>Nature Ecology and Evolution</i> , 2017, 1, 1757-1765.	7.8	18
129	Movement of transposable elements contributes to cichlid diversity. <i>Molecular Ecology</i> , 2020, 29, 4956-4969.	3.9	18
130	Divergent Macroparasite Infections in Parapatric Swiss Lake-Stream Pairs of Threespine Stickleback ( <i>Gasterosteus aculeatus</i> ). <i>PLoS ONE</i> , 2015, 10, e0130579.	2.5	18
131	Genetic variation and demographic history of the <i>Haplochromis laparogramma</i> group of Lake Victoria—An analysis based on SINEs and mitochondrial DNA. <i>Gene</i> , 2010, 450, 39-47.	2.2	17
132	Ecosystem size matters: the dimensionality of intralacustrine diversification in Icelandic stickleback is predicted by lake size. <i>Ecology and Evolution</i> , 2016, 6, 5256-5272.	1.9	16
133	The association of feeding behaviour with the resistance and tolerance to parasites in recently diverged sticklebacks. <i>Journal of Evolutionary Biology</i> , 2016, 29, 2157-2167.	1.7	15
134	Metabolism, oxidative stress and territorial behaviour in a female colour polymorphic cichlid fish. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 99-109.	1.4	14
135	An experimental test of how parasites of predators can influence trophic cascades and ecosystem functioning. <i>Ecology</i> , 2019, 100, e02744.	3.2	14
136	Rapid generation of ecologically relevant behavioral novelty in experimental cichlid hybrids. <i>Ecology and Evolution</i> , 2020, 10, 7445-7462.	1.9	14
137	Genetic architecture of a key reproductive isolation trait differs between sympatric and non-sympatric sister species of Lake Victoria cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200270.	2.6	14
138	Heritability and heterochrony of polychromatism in a Lake Victoria Cichlid fish: stepping stones for speciation?. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 168-176.	1.3	13
139	Arrival order and release from competition does not explain why haplochromine cichlids radiated in Lake Victoria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180462.	2.6	13
140	Little evidence for a selective advantage of armour-reduced threespined stickleback individuals in an invertebrate predation experiment. <i>Evolutionary Ecology</i> , 2012, 26, 1293-1309.	1.2	12
141	Distinctive insular forms of threespine stickleback ( <i>Gasterosteus aculeatus</i> ) from western Mediterranean islands. <i>Conservation Genetics</i> , 2015, 16, 1319-1333.	1.5	12
142	The genetics of mate preferences in hybrids between two young and sympatric Lake Victoria cichlid species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162332.	2.6	12
143	<i>Iranocichla persa</i> , a new cichlid species from southern Iran (Teleostei, Cichlidae). <i>ZooKeys</i> , 2016, 636, 141-161.	1.1	12
144	Genomic variation from an extinct species is retained in the extant radiation following speciation reversal. <i>Nature Ecology and Evolution</i> , 2022, 6, 461-468.	7.8	12

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145	Geographic variation in opsin expression does not align with opsin genotype in Lake Victoria cichlid populations. <i>Ecology and Evolution</i> , 2019, 9, 8676-8689.	1.9	11
146	Identification of a novel sex determining chromosome in cichlid fishes that acts as XY or ZW in different lineages. <i>Hydrobiologia</i> , 2021, 848, 3727-3745.	2.0	11
147	A taxonomic revision of the whitefish of lakes Brienz and Thun, Switzerland, with descriptions of four new species (Teleostei, Coregonidae). <i>ZooKeys</i> , 2020, 989, 79-162.	1.1	11
148	The propagation of admixture-derived adaptive radiation potential. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200941.	2.6	10
149	Temporally consistent species differences in parasite infection but no evidence for rapid parasite-mediated speciation in Lake Victoria cichlid fish. <i>Journal of Evolutionary Biology</i> , 2020, 33, 556-575.	1.7	10
150	Repeated colonization and hybridization in Lake Malawi cichlids. <i>Current Biology</i> , 2011, 21, 526.	3.9	9
151	Parallel divergent adaptation along replicated altitudinal gradients in Alpine trout. <i>BMC Evolutionary Biology</i> , 2012, 12, 210.	3.2	9
152	Sexual dimorphism dominates divergent host plant use in stick insect trophic morphology. <i>BMC Evolutionary Biology</i> , 2013, 13, 135.	3.2	9
153	A test of genetic association among male nuptial coloration, female mating preference, and male aggression bias within a polymorphic population of cichlid fish. <i>Environmental Epigenetics</i> , 2013, 59, 221-229.	1.8	9
154	Population structure, inbreeding and local adaptation within an endangered riverine specialist: the nase ( <i>Chondrostoma nasus</i> ). <i>Conservation Genetics</i> , 2014, 15, 933-951.	1.5	9
155	The effect of top predator presence and phenotype on aquatic microbial communities. <i>Ecology and Evolution</i> , 2017, 7, 1572-1582.	1.9	9
156	Allopatric speciation in the desert: diversification of cichlids at their geographical and ecological range limit in Iran. <i>Hydrobiologia</i> , 2017, 791, 193-207.	2.0	9
157	Genetic diversity of endangered <i>Chondrostoma nasus</i> in the River Rhine system: Conservation genetics considerations on stocking and reintroduction. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 25.	1.1	9
158	No evidence for a genetic association between female mating preference and male secondary sexual trait in a Lake Victoria cichlid fish. <i>Environmental Epigenetics</i> , 2010, 56, 57-64.	1.8	8
159	Segregation of Species-Specific Male Attractiveness in Lake Malawi Cichlid Fish. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-7.		
160	Diversification and biodiversity dynamics of hot and cold spots. <i>Ecography</i> , 2015, 38, 393-401.	4.5	8
161	A meeting framework for inclusive and sustainable science. <i>Nature Ecology and Evolution</i> , 2020, 4, 668-671.	7.8	8
162	An integrative paleolimnological approach for studying evolutionary processes. <i>Trends in Ecology and Evolution</i> , 2022, 37, 488-496.	8.7	8

#	ARTICLE	IF	CITATIONS
163	Speciation leads to divergent methylmercury accumulation in sympatric whitefish. <i>Aquatic Sciences</i> , 2013, 75, 261-273.	1.5	7
164	Beauty varies with the light. <i>Nature</i> , 2015, 521, 34-35.	27.8	7
165	Effects of interspecific gene flow on the phenotypic variance-covariance matrix in Lake Victoria Cichlids. <i>Hydrobiologia</i> , 2017, 791, 145-154.	2.0	7
166	The origin and future of an endangered crater lake endemic; phylogeography and ecology of <i>Oreochromis hunteri</i> and its invasive relatives. <i>Hydrobiologia</i> , 2019, 832, 283-296.	2.0	7
167	The Consequences of Anthropogenic Stressors on Cichlid Fish Communities: Revisiting Lakes Victoria, Kyoga, and Nabugabo. , 2021, , 217-246.		7
168	Competition among small individuals hinders adaptive radiation despite ecological opportunity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212655.	2.6	7
169	A new species of <i>Pseudocrenilabrus</i> (Perciformes: Cichlidae) from Lake Mweru in the Upper Congo River System. <i>Zootaxa</i> , 2017, 4237, 181.	0.5	6
170	Recent sympatric speciation involving habitat-associated nuptial colour polymorphism in a crater lake cichlid. <i>Hydrobiologia</i> , 2019, 832, 297-315.	2.0	6
171	Correlating Shape Variation with Feeding Performance to Test for Adaptive Divergence in Recently Invading Stickleback Populations from Swiss peri-alpine Environments. <i>Lecture Notes in Earth Sciences</i> , 2010, , 233-257.	0.5	5
172	The Legacy of Ecosystem Effects Caused by Adaptive Radiation. <i>Copeia</i> , 2017, 105, 550-557.	1.3	5
173	The enrichment paradox in adaptive radiations: Emergence of predators hinders diversification in resource rich environments. <i>Ecology Letters</i> , 2022, 25, 802-813.	6.4	5
174	Allopatric and sympatric diversification within roach ( <i>Rutilus rutilus</i> ) of large pre-alpine lakes. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1174-1185.	1.7	4
175	Fit and fatty freshwater fish: contrasting polyunsaturated fatty acid phenotypes between hybridizing stickleback lineages. <i>Oikos</i> , 2022, 2022, .	2.7	4
176	Reply to "Re-evaluating the evidence for facilitation of stickleback speciation by admixture in the Lake Constance basin". <i>Nature Communications</i> , 2021, 12, 2807.	12.8	3
177	Multispecies colour polymorphisms associated with contrasting microhabitats in two Mediterranean wrasse radiations. <i>Journal of Evolutionary Biology</i> , 2022, 35, 633-647.	1.7	3
178	Genetic architecture of adaptive radiation across two trophic levels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220377.	2.6	3
179	Use of Qualitative Environmental and Phenotypic Variables in the Context of Allele Distribution Models: Detecting Signatures of Selection in the Genome of Lake Victoria Cichlids. <i>Methods in Molecular Biology</i> , 2012, 888, 295-314.	0.9	2
180	Visual adaptation and microhabitat choice in Lake Victoria cichlid fish. <i>Royal Society Open Science</i> , 2019, 6, 181876.	2.4	2

#	ARTICLE	IF	CITATIONS
181	Rediscovery of a presumed extinct species, <i>Salvelinus profundus</i> , after re-oligotrophication. Ecology, 2020, 101, e03065.	3.2	2
182	Patterns of ectoparasite infection in wild-caught and laboratory-bred cichlid fish, and their hybrids, implicate extrinsic rather than intrinsic causes of species differences in infection. Hydrobiologia, 2021, 848, 3817-3831.	2.0	2
183	The Genetic Population Structure of Lake Tanganyika's Lates Species Flock, an Endemic Radiation of Pelagic Top Predators. Journal of Heredity, 2022, 113, 145-159.	2.4	1