Stephan KoblmÃ¼ller

List of Publications by Year
in descending order

122 papers	3,382 citations	147566 31 h-index	182168 51 g-index
130 all docs	130 docs citations	130 times ranked	2658 citing authors

#	Article	IF	Citations
1	Phylogenomics uncovers early hybridization and adaptive loci shaping the radiation of Lake Tanganyika cichlid fishes. Nature Communications, 2018, 9, 3159.	5.8	162
2	Reticulate phylogeny of gastropod-shell-breeding cichlids from Lake Tanganyika--the result of repeated introgressive hybridization. BMC Evolutionary Biology, 2007, 7, 7.	3.2	142
3	The Lake Tanganyika cichlid species assemblage: recent advances in molecular phylogenetics. Hydrobiologia, 2008, 615, 5-20.	1.0	119
4	Rapid radiation, ancient incomplete lineage sorting and ancient hybridization in the endemic Lake Tanganyika cichlid tribe Tropheini. Molecular Phylogenetics and Evolution, 2010, 55, 318-334.	1.2	119
5	Parallelism of amino acid changes at the RH1 affecting spectral sensitivity among deep-water cichlids from Lakes Tanganyika and Malawi. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5448-5453.	3.3	116
6	Nuclear and mitochondrial data reveal different evolutionary processes in the Lake Tanganyika cichlid genus Tropheus. BMC Evolutionary Biology, 2007, 7, 137.	3.2	116
7	Age and spread of the haplochromine cichlid fishes in Africa. Molecular Phylogenetics and Evolution, 2008, 49, 153-169.	1.2	95
8	Origin and status of the Great Lakes wolf. Molecular Ecology, 2009, 18, 2313-2326.	2.0	84
9	Parallel evolution of facial stripe patterns in the Neolamprologus brichardi/pulcher species complex endemic to Lake Tanganyika. Molecular Phylogenetics and Evolution, 2007, 45, 706-715.	1.2	83
10	Evolutionary Relationships of the Limnochromini, a Tribe of Benthic Deepwater Cichlid Fish Endemic to Lake Tanganyika, East Africa. Journal of Molecular Evolution, 2005, 60, 277-289.	0.8	82
11	Evolutionary Relationships in the Sand-Dwelling Cichlid Lineage of Lake Tanganyika Suggest Multiple Colonization of Rocky Habitats and Convergent Origin of Biparental Mouthbrooding. Journal of Molecular Evolution, 2004, 58, 79-96.	0.8	80
12	Phylogenetic relationships of the lamprologine cichlid genus Lepidiolamprologus (Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Molecular Phylogenetics and Evolution, 2006, 38, 426-438.	1.2	79
13	Evolutionary history of the Lake Tanganyika cichlid tribe Lamprologini (Teleostei: Perciformes) derived from mitochondrial and nuclear DNA data. Molecular Phylogenetics and Evolution, 2010, 57, 266-284.	1.2	75
14	Separated by sand, fused by dropping water: habitat barriers and fluctuating water levels steer the evolution of rock-dwelling cichlid populations in Lake Tanganyika. Molecular Ecology, 2011, 20, 2272-2290.	2.0	68
15	Distinct population structure in a phenotypically homogeneous rock-dwelling cichlid fish from Lake Tanganyika. Molecular Ecology, 2006, 15, 2381-2395.	2.0	64
16	Cumulative SARS-CoV-2 mutations and corresponding changes in immunity in an immunocompromised patient indicate viral evolution within the host. Nature Communications, 2022, 13, 2560.	5.8	64
17	Assessing Parent Numbers from Offspring Genotypes: The Importance of Marker Polymorphism. Journal of Heredity, 2009, 100, 197-205.	1.0	60
18	The Adaptive Radiation of Cichlid Fish in Lake Tanganyika: A Morphological Perspective. International Journal of Evolutionary Biology, 2011, 2011, 1-14.	1.0	60

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19	High frequency of multiple paternity in broods of a socially monogamous cichlid fish with biparental nest defence. Molecular Ecology, 2008, 17, 2531-2543.	2.0	59
20	Hidden biodiversity in an ancient lake: phylogenetic congruence between Lake Tanganyika tropheine cichlids and their monogenean flatworm parasites. Scientific Reports, 2015, 5, 13669.	1.6	59
21	Ancient Divergence in Bathypelagic Lake Tanganyika Deepwater Cichlids: Mitochondrial Phylogeny of the Tribe Bathybatini. Journal of Molecular Evolution, 2005, 60, 297-314.	0.8	58
22	Whole mitochondrial genomes illuminate ancient intercontinental dispersals of grey wolves (Canis lupus). Journal of Biogeography, 2016, 43, 1728-1738.	1.4	57
23	Evolutionary history of Lake Tanganyikaâ€™s scale-eating cichlid fishes. Molecular Phylogenetics and Evolution, 2007, 44, 1295-1305.	1.2	55
24	Phylogeographic history of the genus Tropheus, a lineage of rock-dwelling cichlid fishes endemic to Lake Tanganyika. Hydrobiologia, 2005, 542, 335-366.	1.0	53
25	Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.2	46
26	Genetic population structure as indirect measure of dispersal ability in a Lake Tanganyika cichlid. Genetica, 2007, 130, 121-131.	0.5	43
27	Abundance, distribution, and territory areas of rock-dwelling Lake Tanganyika cichlid fish species. Hydrobiologia, 2008, 615, 57-68.	1.0	43
28	Phylogenetic analysis of European Scutovertex mites (Acari, Oribatida, Scutoverticidae) reveals paraphyly and cryptic diversity: A molecular genetic and morphological approach. Molecular Phylogenetics and Evolution, 2010, 55, 677-688.	1.2	41
29	Complete Mitochondrial DNA Sequences of the Threadfin Cichlid (Petrochromis trewavasae) and the Blunthead Cichlid (Tropheus moorii) and Patterns of Mitochondrial Genome Evolution in Cichlid Fishes. PLoS ONE, 2013, 8, e67048.	1.1	41
30	AFLP genome scans suggest divergent selection on colour patterning in allopatric colour morphs of a cichlid fish. Molecular Ecology, 2012, 21, 3531-3544.	2.0	33
31	Reduced host-specificity in a parasite infecting non-littoral Lake Tanganyika cichlids evidenced by intraspecific morphological and genetic diversity. Scientific Reports, 2016, 6, 39605.	1.6	33
32	Evolutionary history and biogeographic affinities of the serranochromine cichlids in Zambian rivers. Molecular Phylogenetics and Evolution, 2007, 45, 326-338.	1.2	32
33	Phylogeography and speciation in the Pseudocrenilabrus philander species complex in Zambian Rivers. Hydrobiologia, 2005, 542, 221-233.	1.0	30
34	Phylogeographic structure and gene flow in the scaleâ€eating cichlid Perissodus microlepis (Teleostei, Perciformes, Cichlidae) in southern Lake Tanganyika. Zoologica Scripta, 2009, 38, 257-268.	0.7	30
35	Allometric shape change of the lower pharyngeal jaw correlates with a dietary shift to piscivory in a cichlid fish. Die Naturwissenschaften, 2010, 97, 663-672.	0.6	30
36	Novel Sex Chromosomes in 3 Cichlid Fishes from Lake Tanganyika. Journal of Heredity, 2018, 109, 489-500.	1.0	30

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37	Unravelling the evolution of Africaâ€™s drainage basins through a widespread freshwater fish, the African sharptooth catfish Clarias gariepinus. Journal of Biogeography, 2020, 47, 1739-1754.	1.4	29
38	Ancestral state reconstruction reveals multiple independent evolution of diagnostic morphological characters in the "Higher Oribatida" (Acari), conflicting with current classification schemes. BMC Evolutionary Biology, 2010, 10, 246.	3.2	26
39	Impact of Quaternary climatic changes and interspecific competition on the demographic history of a highly mobile generalist carnivore, the coyote. Biology Letters, 2012, 8, 644-647.	1.0	26
40	Multiple new species: Cryptic diversity in the widespread mite species Cymbaeremaeus cymba (Oribatida,) Tj ETQq0 0 0 rgBT /Overlock	1.2	26
41	Outgroup effects on root position and tree topology in the AFLP phylogeny of a rapidly radiating lineage of cichlid fish. Molecular Phylogenetics and Evolution, 2014, 70, 57-62.	1.2	25
42	Gene flow, population growth and a novel substitution rate estimate in a subtidal rock specialist, the blackâ€faced blenny<scp>T</scp>ripterygion delaisi(<scp>P</scp>erciformes,<scp>B</scp>lennioidei,<scp>T</scp>ripterygiidae) from the<scp>A</scp>driatic<scp>S</scp>ea. Journal of Zoological Systematics and Evolutionary Research, 2015, 53, 291-299.	0.6	24
43	Phylogeny and phylogeography of Altolamprologus: ancient introgression and recent divergence in a rock-dwelling Lake Tanganyika cichlid genus. Hydrobiologia, 2017, 791, 35-50.	1.0	24
44	Shifting barriers and phenotypic diversification by hybridisation. Ecology Letters, 2017, 20, 651-662.	3.0	24
45	Monogenean parasites of sardines in Lake Tanganyika: diversity, origin and intraspecific variability. Contributions To Zoology, 2018, 87, 105-132.	0.2	23
46	Phylogenetic relationships of coral-associated gobies (Teleostei, Gobiidae) from the Red Sea based on mitochondrial DNA data. Marine Biology, 2009, 156, 725-739.	0.7	22
47	The mitochondrial genome of the oribatid mite Paraleius leontonychus: new insights into tRNA evolution and phylogenetic relationships in acariform mites. Scientific Reports, 2018, 8, 7558.	1.6	22
48	Evolutionary transitions to cooperative societies in fishes revisited. Ethology, 2018, 124, 777-789.	0.5	20
49	Weak population structure and recent demographic expansion of the monogenean parasite Kapentagyrus spp. infecting clupeid fishes of Lake Tanganyika, East Africa. International Journal for Parasitology, 2020, 50, 471-486.	1.3	20
50	The impact of stocking on the genetic structure of European grayling Thymallus thymallus,	1.0	19
51	Big fish, little divergence: phylogeography of Lake Tanganyikaâ€™s giant cichlid, Boulengerochromis microlepis. Hydrobiologia, 2015, 748, 29-38.	1.0	19
52	A taxonomistâ€˜s nightmare â€“ Cryptic diversity in Caribbean intertidal arthropods (Arachnida, Acari,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	19
53	First insights into the diversity of gill monogeneans ofâ€˜Gnathochromisâ€™andLimnochromis(Teleostei, Cichlidae) in Burundi: do the parasites mirror host ecology and phylogenetic history?. PeerJ, 2016, 4, e1629.	0.9	19
54	Variation of territory size and defense behavior in breeding pairs of the endemic Lake Tanganyika cichlid fish Variabilichromis moorii. Hydrobiologia, 2008, 615, 49-56.	1.0	18

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55	Contrasting mitochondrial DNA diversity estimates in Austrian Scutovertex minutus and S. sculptus (Acari, Oribatida, Brachypylina, Scutoverticidae). Pedobiologia, 2010, 53, 203-211.	0.5	18
56	Repeated Parallel Evolution of Parental Care Strategies within Xenotilapia, a Genus of Cichlid Fishes from Lake Tanganyika. PLoS ONE, 2012, 7, e31236.	1.1	18
57	Opening the treasure chest: A DNA-barcoding primer set for most higher taxa of Central European birds and mammals from museum collections. PLoS ONE, 2017, 12, e0174449.	1.1	17
58	Asymmetric dominance and asymmetric mate choice oppose premating isolation after allopatric divergence. Ecology and Evolution, 2015, 5, 1549-1562.	0.8	16
59	Chemosystematics in the <scp>O</scp>piliones (<scp>A</scp>rachnida): a comment on the evolutionary history of alkylphenols and benzoquinones in the scent gland secretions of <scp>L</scp>aniatores. Cladistics, 2015, 31, 202-209.	1.5	16
60	Failure to diverge in African Great Lakes: The case of Dolicirroplectanum lacustre gen. nov. comb. nov. (Monogenea, Diplectanidae) infecting latid hosts. Journal of Great Lakes Research, 2020, 46, 1113-1130.	0.8	16
61	A reference DNA barcode library for Austrian amphibians and reptiles. PLoS ONE, 2020, 15, e0229353.	1.1	16
62	Past lake shore dynamics explain present pattern of unidirectional introgression across a habitat barrier. Hydrobiologia, 2017, 791, 69-82.	1.0	15
63	An in vitro model for assessment of SARS-CoV-2 infectivity by defining the correlation between virus isolation and quantitative PCR value: isolation success of SARS-CoV-2 from oropharyngeal swabs correlates negatively with Cq value. Virology Journal, 2021, 18, 71.	1.4	15
64	Diversification in gravel beaches: A radiation of interstitial clingfish (Gouania, Gobiesocidae) in the Mediterranean Sea. Molecular Phylogenetics and Evolution, 2019, 139, 106525.	1.2	14
65	Coverage and quality of DNA barcode references for Central and Northern European Odonata. PeerJ, 2021, 9, e11192.	0.9	14
66	Evolutionary History of Lake Tanganyikaâ€™s Predatory Deepwater Cichlids. International Journal of Evolutionary Biology, 2012, 2012, 1-10.	1.0	13
67	Brood mixing and reduced polyandry in a maternally mouthbrooding cichlid with elevated amongâ€breeder relatedness. Molecular Ecology, 2012, 21, 2805-2815.	2.0	13
68	A new species of Petrochromis (Perciformes: Cichlidae) from Lake Tanganyika. Ichthyological Research, 2014, 61, 252-264.	0.5	12
69	Only true pelagics mix: comparative phylogeography of deepwater bathybatine cichlids from Lake Tanganyika. Hydrobiologia, 2019, 832, 93-103.	1.0	12
70	Congruent geographic variation in saccular otolith shape across multiple species of African cichlids. Scientific Reports, 2020, 10, 12820.	1.6	12
71	The mutational dynamics of the SARS-CoV-2 virus in serial passages in vitro. Virologica Sinica, 2022, 37, 198-207.	1.2	12
72	Concordant female mate preferences in the cichlid fish Tropheus moorii. Hydrobiologia, 2012, 682, 121-130.	1.0	11

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73	Phylogeographic patterns of intertidal arthropods (Acari, Oribatida) from southern Japanese islands reflect paleoclimatic events. Scientific Reports, 2019, 9, 19042.	1.6	11
74	Maintenance of neutralizing antibodies over ten months in convalescent SARSâ€CoVâ€2 afflicted patients. Transboundary and Emerging Diseases, 2022, 69, 1596-1605.	1.3	11
75	Austrian gudgeons of the genusGobio(Teleostei: Gobionidae): A mixture of divergent lineages. Journal of Zoological Systematics and Evolutionary Research, 2020, 58, 327-340.	0.6	10
76	Unexpected diversity in the host-generalist oribatid mite Paraleius leontonychus (Oribatida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.9	10
77	Somewhere I belong: phylogeny and morphological evolution in a speciesâ€rich lineage of ectoparasitic flatworms infecting cichlid fishes. Cladistics, 2022, 38, 465-512.	1.5	10
78	A separate lowstand lake at the northern edge of Lake Tanganyika? Evidence from phylogeographic patterns in the cichlid genus Tropheus. Hydrobiologia, 2017, 791, 51-68.	1.0	9
79	African lates perches (Teleostei, Latidae, Lates): Paraphyly of Nile perch and recent colonization of Lake Tanganyika. Molecular Phylogenetics and Evolution, 2021, 160, 107141.	1.2	9
80	Contrasting Host-Parasite Population Structure: Morphology and Mitogenomics of a Parasitic Flatworm on Pelagic Deepwater Cichlid Fishes from Lake Tanganyika. Biology, 2021, 10, 797.	1.3	9
81	Molecular phylogeny and speciation patterns in host-specific monogeneans (Cichlidogyrus,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Journal for Parasitology, 2022, , .	1.3	9
82	Deep-water parasite diversity in Lake Tanganyika: description of two new monogenean species from benthopelagic cichlid fishes. Parasites and Vectors, 2016, 9, 426.	1.0	8
83	Insufficient data render comparative analyses of the evolution of cooperative breeding mere speculation: A reply to Dey et al.. Ethology, 2019, 125, 851-854.	0.5	8
84	Potassium carbonate (K2CO3) â€“ A cheap, non-toxic and high-density floating solution for microplastic isolation from beach sediments. Marine Pollution Bulletin, 2021, 170, 112618.	2.3	8
85	Explosive networking: The role of adaptive host radiations and ecological opportunity in a speciesâ€rich hostâ€“parasite assembly. Ecology Letters, 2022, 25, 1795-1812.	3.0	8
86	Ancient hybrid origin of the eastern wolf not yet off the table: a comment on Rutledgeet al. (2015). Biology Letters, 2016, 12, 20150834.	1.0	7
87	Defense of an expanded historical range for the Mexican wolf: A comment on Heffelfinger et al.. Journal of Wildlife Management, 2017, 81, 1331-1333.	0.7	7
88	Delineating species along shifting shorelines: Tropheus (Teleostei, Cichlidae) from the southern subbasin of Lake Tanganyika. Frontiers in Zoology, 2018, 15, 42.	0.9	7
89	Phylogeographic structure and population connectivity of a small benthic fish (Tripterygion) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	7
90	Uncharted digenean diversity in Lake Tanganyika: cryptogonimids (Digenea: Cryptogonimidae) infecting endemic lates perches (Actinopterygii: Latidae). Parasites and Vectors, 2020, 13, 221.	1.0	7

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91	Brood parasitism of an openâ€water spawning cichlid by the cuckoo catfish. Journal of Fish Biology, 2020, 96, 1538-1542.	0.7	7
92	Unravelling the taxonomy of an interstitial fish radiation: Three new species of Gouania (Teleostei: Gobiesocidae) from the Mediterranean Sea and redescriptions of <scp>G. willdenowi</scp> and G. pigra. Journal of Fish Biology, 2021, 98, 64-88.	0.7	7
93	Lepadogaster purpurea (Actinopterygii: Gobiesociformes: Gobiesocidae) from the eastern Mediterranean Sea: Significantly extended distribution range. Acta Ichthyologica Et Piscatoria, 2017, 47, 417-421.	0.3	7
94	Preface: Advances in cichlid research: behavior, ecology, and evolutionary biology. Hydrobiologia, 2015, 748, 1-5.	1.0	6
95	Diversity of wing patterns and abdomenâ€generated substrate sounds in 3 European scorpionfly species. Insect Science, 2015, 22, 521-531.	1.5	6
96	Same school, different conduct: rates of multiple paternity vary within a mixedâ€species breeding school of semiâ€pelagic cichlid fish (<scp>C</scp>yprichromis spp.). Ecology and Evolution, 2016, 6, 37-45.	0.8	6
97	Romanogobio skywalkeri, a new gudgeon (Teleostei: Gobionidae) from the upper Mur River, Austria. Zootaxa, 2018, 4403, 336-350.	0.2	6
98	Revisiting the Evolution of Arboreal Life in Oribatid Mites. Diversity, 2020, 12, 255.	0.7	6
99	Diversity and biogeography of Mediterranean freshwater blennies (Blenniidae, Salaria). Diversity and Distributions, 2021, 27, 1832-1847.	1.9	6
100	New Sex Chromosomes in Lake Victoria Cichlid Fishes (Cichlidae: Haplochromini). Genes, 2022, 13, 804.	1.0	5
101	Phylogenomics of trophically diverse cichlids disentangles processes driving adaptive radiation and repeated trophic transitions. Ecology and Evolution, 2022, 12, .	0.8	5
102	More is better. Molecular Ecology, 2009, 18, 4994-4996.	2.0	4
103	hext , a software supporting treeâ€based screens for hybrid taxa in multilocus data sets, and an evaluation of the homoplasy excess test. Methods in Ecology and Evolution, 2016, 7, 358-368.	2.2	4
104	First records of the parthenogenetic Surinam cockroach Pycnoscelus surinamensis (Insecta:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	4
105	Preface: advances in cichlid research III: behavior, ecology, and evolutionary biology. Hydrobiologia, 2019, 832, 1-8.	1.0	4
106	Relicts from Glacial Times: The Ground Beetle Pterostichus adstrictus Eschscholtz, 1823 (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	4
107	DNA barcoding of Austrian snow scorpionflies (Mecoptera, Boreidae) reveals potential cryptic diversity in Boreus westwoodi. PeerJ, 2021, 9, e11424.	0.9	4
108	Abundance, distribution, and territory areas of rock-dwelling Lake Tanganyika cichlid fish species. , 2008, , 57-68.		4

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109	Inter- and Intrasexual Variation in Cuticular Hydrocarbons in Trichrysis cyanea (Linnaeus, 1758) (Hymenoptera: Chrysididae). Insects, 2022, 13, 159.	1.0	4
110	Multiple colonisations of the Lake Malawi catchment by the genus Opsaridium (Teleostei: Cyprinidae). Molecular Phylogenetics and Evolution, 2017, 107, 256-265.	1.2	3
111	Variation of territory size and defense behavior in breeding pairs of the endemic Lake Tanganyika cichlid fish Variabilichromis moorii. , 2008, , 49-56.		3
112	Cichlid Evolution: Lessons in Diversification. International Journal of Evolutionary Biology, 2011, 2011, 1-3.	1.0	2
113	The Lake Tanganyika cichlid species assemblage: recent advances in molecular phylogenetics. , 2008, , 5-20.		2
114	Spatio-temporal occurrence patterns of epibiota along the leaves of the seagrass Cymodocea nodosa in the Northern Adriatic Sea. Marine Biology Research, 0, , 1-11.	0.3	2
115	A comprehensive DNA barcode inventory of Austriaâ€™s fish species. PLoS ONE, 2022, 17, e0268694.	1.1	2
116	Preface: Advances in cichlid research II: behavior, ecology and evolutionary biology. Hydrobiologia, 2017, 791, 1-6.	1.0	1
117	Discriminating larvae of two syntopic Cychramus species (Coleoptera, Nitidulidae) by means of bar-HRM analysis. Molecular Biology Reports, 2020, 47, 8251-8257.	1.0	0
118	Preface: advances in cichlid research IV: behavior, ecology, and evolutionary biology. Hydrobiologia, 2021, 848, 3605-3612.	1.0	0
119	A reference DNA barcode library for Austrian amphibians and reptiles. , 2020, 15, e0229353.		0
120	A reference DNA barcode library for Austrian amphibians and reptiles. , 2020, 15, e0229353.		0
121	A reference DNA barcode library for Austrian amphibians and reptiles. , 2020, 15, e0229353.		0
122	A reference DNA barcode library for Austrian amphibians and reptiles. , 2020, 15, e0229353.		0