

Christian Sturmbauer

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

5,146
citations

66343

42
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98798

67
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121
all docs

121
docs citations

121
times ranked

3292
citing authors

#	ARTICLE	IF	CITATIONS
1	Maintenance of neutralizing antibodies over ten months in convalescent SARS-CoV-2 afflicted patients. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 1596-1605.	3.0	11
2	The mutational dynamics of the SARS-CoV-2 virus in serial passages in vitro. <i>Virologica Sinica</i> , 2022, 37, 198-207.	3.0	12
3	Expression variations in ectodysplasin-A gene (<i>eda</i>) may contribute to morphological divergence of scales in haplochromine cichlids. <i>Bmc Ecology and Evolution</i> , 2022, 22, 28.	1.6	2
4	Somewhere I belong: phylogeny and morphological evolution in a species-rich lineage of ectoparasitic flatworms infecting cichlid fishes. <i>Cladistics</i> , 2022, 38, 465-512.	3.3	10
5	Cumulative SARS-CoV-2 mutations and corresponding changes in immunity in an immunocompromised patient indicate viral evolution within the host. <i>Nature Communications</i> , 2022, 13, 2560.	12.8	64
6	A comprehensive DNA barcode inventory of Austria's fish species. <i>PLoS ONE</i> , 2022, 17, e0268694.	2.5	2
7	Phylogenomics of trophically diverse cichlids disentangles processes driving adaptive radiation and repeated trophic transitions. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	5
8	Microevolutionary change in viscerocranial bones under congeneric sympatry in the Lake Tanganyikan cichlid genus <i>Tropheus</i> . <i>Hydrobiologia</i> , 2021, 848, 3639-3653.	2.0	1
9	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. <i>Virology Journal</i> , 2021, 18, 71.	3.4	15
10	Gene coexpression networks reveal molecular interactions underlying cichlid jaw modularity. <i>Bmc Ecology and Evolution</i> , 2021, 21, 62.	1.6	18
11	Transcriptomics unravels molecular players shaping dorsal lip hypertrophy in the vacuum cleaner cichlid, <i>Gnathochromis permaxillaris</i> . <i>BMC Genomics</i> , 2021, 22, 506.	2.8	9
12	Discriminating larvae of two syntopic <i>Cychramus</i> species (Coleoptera, Nitidulidae) by means of bar-HRM analysis. <i>Molecular Biology Reports</i> , 2020, 47, 8251-8257.	2.3	0
13	Appetite regulating genes may contribute to herbivory versus carnivory trophic divergence in haplochromine cichlids. <i>PeerJ</i> , 2020, 8, e8375.	2.0	7
14	Divergence in larval jaw gene expression reflects differential trophic adaptation in haplochromine cichlids prior to foraging. <i>BMC Evolutionary Biology</i> , 2019, 19, 150.	3.2	20
15	Molecular mechanisms underlying nuchal hump formation in dolphin cichlid, <i>Cyrtocara moorii</i> . <i>Scientific Reports</i> , 2019, 9, 20296.	3.3	18
16	Only true pelagics mix: comparative phylogeography of deepwater bathybatine cichlids from Lake Tanganyika. <i>Hydrobiologia</i> , 2019, 832, 93-103.	2.0	12
17	Maternal mRNA input of growth and stress-response-related genes in cichlids in relation to egg size and trophic specialization. <i>EvoDevo</i> , 2018, 9, 23.	3.2	21
18	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

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19	Phylogeny and phylogeography of <i>Altolamprologus</i> : ancient introgression and recent divergence in a rock-dwelling Lake Tanganyika cichlid genus. <i>Hydrobiologia</i> , 2017, 791, 35-50.	2.0	24
20	A separate lowstand lake at the northern edge of Lake Tanganyika? Evidence from phylogeographic patterns in the cichlid genus <i>Tropheus</i> . <i>Hydrobiologia</i> , 2017, 791, 51-68.	2.0	9
21	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
22	The Role of Alternative Splicing and Differential Gene Expression in Cichlid Adaptive Radiation. <i>Genome Biology and Evolution</i> , 2017, 9, 2764-2781.	2.5	63
23	Asymmetric dominance and asymmetric mate choice oppose premating isolation after allopatric divergence. <i>Ecology and Evolution</i> , 2015, 5, 1549-1562.	1.9	16
24	Form, function and phylogeny: comparative morphometrics of Lake Tanganyika's cichlid tribe Tropheini. <i>Zoologica Scripta</i> , 2015, 44, 362-373.	1.7	25
25	Hidden biodiversity in an ancient lake: phylogenetic congruence between Lake Tanganyika tropheine cichlids and their monogenean flatworm parasites. <i>Scientific Reports</i> , 2015, 5, 13669.	3.3	59
26	Big fish, little divergence: phylogeography of Lake Tanganyika's giant cichlid, <i>Boulengerochromis microlepis</i> . <i>Hydrobiologia</i> , 2015, 748, 29-38.	2.0	19
27	Outgroup effects on root position and tree topology in the AFLP phylogeny of a rapidly radiating lineage of cichlid fish. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 57-62.	2.7	25
28	Reverse evolution and cryptic diversity in putative sister families of the Oribatida (Acari). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 86-93.	1.4	5
29	Complete Mitochondrial DNA Sequences of the Threadfin Cichlid (<i>Petrochromis trewavasae</i>) and the Blunthead Cichlid (<i>Tropheus moorii</i>) and Patterns of Mitochondrial Genome Evolution in Cichlid Fishes. <i>PLoS ONE</i> , 2013, 8, e67048.	2.5	41
30	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
31	Evolutionary History of Lake Tanganyika's Predatory Deepwater Cichlids. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-10.	1.0	13
32	Genetic distinction of four haplochromine cichlid fish species in a satellite lake of Lake Victoria, East Africa. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012, 50, 51-58.	1.4	2
33	Genetic and morphological population differentiation in the rock-dwelling and specialized shrimp-feeding cichlid fish species <i>Altolamprologus compressiceps</i> from Lake Tanganyika, East Africa. <i>Hydrobiologia</i> , 2012, 682, 143-154.	2.0	12
34	Additive genetic variance of quantitative traits in natural and pond-bred populations of the Lake Tanganyika cichlid <i>Tropheus moorii</i> . <i>Hydrobiologia</i> , 2012, 682, 131-141.	2.0	6
35	Repeated Parallel Evolution of Parental Care Strategies within <i>Xenotilapia</i> , a Genus of Cichlid Fishes from Lake Tanganyika. <i>PLoS ONE</i> , 2012, 7, e31236.	2.5	18
36	Explosive Speciation and Adaptive Radiation of East African Cichlid Fishes. , 2011, , 333-362.		30

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37	Morphometric differentiation among haplochromine cichlid fish species of a satellite lake of Lake Victoria. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2011, 49, 216-223.	1.4	4
38	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
39	Morphological distinctness despite large-scale phenotypic plasticity—analysis of wild and pond-bred juveniles of allopatric populations of <i>Tropheus moorii</i> . <i>Die Naturwissenschaften</i> , 2011, 98, 125-134.	1.6	23
40	The Utility of Geometric Morphometrics to Elucidate Pathways of Cichlid Fish Evolution. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-8.	1.0	43
41	Ancestral state reconstruction reveals multiple independent evolution of diagnostic morphological characters in the "Higher Oribatida" (Acari), conflicting with current classification schemes. <i>BMC Evolutionary Biology</i> , 2010, 10, 246.	3.2	26
42	Rapid radiation, ancient incomplete lineage sorting and ancient hybridization in the endemic Lake Tanganyika cichlid tribe Tropheini. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 318-334.	2.7	119
43	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
44	Sexual dimorphism and population divergence in the Lake Tanganyika cichlid fish genus <i>Tropheus</i> . <i>Frontiers in Zoology</i> , 2010, 7, 4.	2.0	57
45	Phylogenetic analysis of European Scutovertex mites (Acari, Oribatida, Scutoverticidae) reveals paraphyly and cryptic diversity: A molecular genetic and morphological approach. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 677-688.	2.7	41
46	Contrasting mitochondrial DNA diversity estimates in Austrian <i>Scutovertex minutus</i> and <i>S. sculptus</i> (Acari, Oribatida, Brachypylina, Scutoverticidae). <i>Pedobiologia</i> , 2010, 53, 203-211.	1.2	18
47	Phylogenetic relationships of coral-associated gobies (Teleostei, Gobiidae) from the Red Sea based on mitochondrial DNA data. <i>Marine Biology</i> , 2009, 156, 725-739.	1.5	22
48	Phylogeographic structure and gene flow in the scale-eating cichlid <i>Perissodus microlepis</i> (Teleostei, Perciformes, Cichlidae) in southern Lake Tanganyika. <i>Zoologica Scripta</i> , 2009, 38, 257-268.	1.7	30
49	The Lake Tanganyika cichlid species assemblage: recent advances in molecular phylogenetics. <i>Hydrobiologia</i> , 2008, 615, 5-20.	2.0	119
50	The Great Lakes in East Africa: biological conservation considerations for species flocks. <i>Hydrobiologia</i> , 2008, 615, 95-101.	2.0	12
51	Abundance, distribution, and territory areas of rock-dwelling Lake Tanganyika cichlid fish species. <i>Hydrobiologia</i> , 2008, 615, 57-68.	2.0	43
52	Assortative mating preferences between colour morphs of the endemic Lake Tanganyika cichlid genus <i>Tropheus</i> . <i>Hydrobiologia</i> , 2008, 615, 37-48.	2.0	36
53	Variation of territory size and defense behavior in breeding pairs of the endemic Lake Tanganyika cichlid fish <i>Variabilichromis moorii</i> . <i>Hydrobiologia</i> , 2008, 615, 49-56.	2.0	18
54	Age and spread of the haplochromine cichlid fishes in Africa. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 153-169.	2.7	95

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55	High frequency of multiple paternity in broods of a socially monogamous cichlid fish with biparental nest defence. <i>Molecular Ecology</i> , 2008, 17, 2531-2543.	3.9	59
56	Pedigree reconstruction in wild cichlid fish populations. <i>Molecular Ecology</i> , 2008, 17, 4500-4511.	3.9	43
57	Description of <i>Scutovertex pileatus</i> sp. nov. (Acari, Oribatida, Scutoverticidae) and molecular phylogenetic investigation of congeneric species in Austria. <i>Zoologischer Anzeiger</i> , 2008, 247, 249-258.	0.9	22
58	The Lake Tanganyika cichlid species assemblage: recent advances in molecular phylogenetics. , 2008, , 5-20.		2
59	Variation of territory size and defense behavior in breeding pairs of the endemic Lake Tanganyika cichlid fish <i>Variabilichromis moorii</i> . , 2008, , 49-56.		3
60	Abundance, distribution, and territory areas of rock-dwelling Lake Tanganyika cichlid fish species. , 2008, , 57-68.		4
61	Assortative mating preferences between colour morphs of the endemic Lake Tanganyika cichlid genus <i>Tropheus</i> . , 2008, , 37-48.		0
62	The Great Lakes in East Africa: biological conservation considerations for species flocks. , 2008, , 95-101.		0
63	Evolutionary history of Lake Tanganyika's scale-eating cichlid fishes. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1295-1305.	2.7	55
64	Evolutionary history and biogeographic affinities of the serranochromine cichlids in Zambian rivers. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 326-338.	2.7	32
65	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
66	Speciation. <i>Marine Ecology</i> , 2007, 28, 338-338.	1.1	0
67	Nuclear and mitochondrial data reveal different evolutionary processes in the Lake Tanganyika cichlid genus <i>Tropheus</i> . <i>BMC Evolutionary Biology</i> , 2007, 7, 137.	3.2	116
68	Reticulate phylogeny of gastropod-shell-breeding cichlids from Lake Tanganyika—the result of repeated introgressive hybridization. <i>BMC Evolutionary Biology</i> , 2007, 7, 7.	3.2	142
69	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
70	Genetic population structure as indirect measure of dispersal ability in a Lake Tanganyika cichlid. <i>Genetica</i> , 2007, 130, 121-131.	1.1	43
71	Distinct population structure in a phenotypically homogeneous rock-dwelling cichlid fish from Lake Tanganyika. <i>Molecular Ecology</i> , 2006, 15, 2381-2395.	3.9	64
72	Phylogenetic relationships of the lamprologine cichlid genus <i>Lepidolamprologus</i> (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td Molecular Phylogenetics and Evolution, 2006, 38, 426-438.	2.7	79

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73	Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes: Tj ETQq1 1 0.784314.rgBT /Oyerlock 10	3.2	46
74	Monogamy in the maternally mouthbrooding Lake Tanganyika cichlid fish <i>Tropheus moorii</i> . Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1797-1803.	2.6	32
75	Colour-assortative mating among populations of <i>Tropheus moorii</i> , a cichlid fish from Lake Tanganyika, East Africa. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 257-266.	2.6	66
76	Mitochondrial phylogeny of the Cyprichromini, a lineage of open-water cichlid fishes endemic to Lake Tanganyika, East Africa. Molecular Phylogenetics and Evolution, 2005, 34, 382-391.	2.7	29
77	An extant cichlid fish radiation emerged in an extinct Pleistocene lake. Nature, 2005, 435, 90-95.	27.8	160
78	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.	1.8	82
79	Ancient Divergence in Bathypelagic Lake Tanganyika Deepwater Cichlids: Mitochondrial Phylogeny of the Tribe Bathybatini. Journal of Molecular Evolution, 2005, 60, 297-314.	1.8	58
80	Phylogeography and speciation in the <i>Pseudocrenilabrus philander</i> species complex in Zambian Rivers. Hydrobiologia, 2005, 542, 221-233.	2.0	30
81	Phylogeographic history of the genus <i>Tropheus</i> , a lineage of rock-dwelling cichlid fishes endemic to Lake Tanganyika. Hydrobiologia, 2005, 542, 335-366.	2.0	53
82	The impact of stocking on the genetic structure of European grayling <i>Thymallus thymallus</i> ,	2.0	19
83	Comment on "The study of biodiversity in freshwater habitats: societal relevance and suggestions for priorities in science policy"™ by Luc De Meester & Steven Declerck. Hydrobiologia, 2005, 542, 33-34.	2.0	1
84	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.	7.1	116
85	Validation of the periodicity of increment formation in the otoliths of a cichlid fish from Lake Tanganyika, East Africa. Journal of Fish Biology, 2004, 64, 1272-1284.	1.6	19
86	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.	1.8	80
87	Phylogeny of the genus <i>Omphalotus</i> based on nuclear ribosomal DNA-sequences. Mycologia, 2004, 96, 1253-1260.	1.9	14
88	Phylogeny of the genus <i>Omphalotus</i> based on nuclear ribosomal DNA-sequences. Mycologia, 2004, 96, 1253-60.	1.9	3
89	Evolution of the tribe Tropheini from Lake Tanganyika: synchronized explosive speciation producing multiple evolutionary parallelism. Hydrobiologia, 2003, 500, 51-64.	2.0	64
90	Phylogeography and Evolution of the Tanganyikan Cichlid Genus <i>Tropheus</i> Based upon Mitochondrial DNA Sequences. Journal of Molecular Evolution, 2003, 56, 54-68.	1.8	71

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91	Phylogeography of the vairone (<i>Leuciscus souffia</i> , Risso 1826) in Central Europe. <i>Molecular Ecology</i> , 2003, 12, 2371-2386.	3.9	67
92	Enhanced phylogeographic information about Austrian brown trout populations derived from complete mitochondrial control region sequences. <i>Journal of Fish Biology</i> , 2003, 62, 427-435.	1.6	49
93	Evolution of the tribe Tropheini from Lake Tanganyika: synchronized explosive speciation producing multiple evolutionary parallelism. , 2003, , 51-64.		11
94	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
95	Phylogenetic Relationships, Evolution of Broodcare Behavior, and Geographic Speciation in the Wrasse Tribe Labrini. <i>Journal of Molecular Evolution</i> , 2002, 55, 776-789.	1.8	56
96	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
97	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
98	Speciation via introgressive hybridization in East African cichlids?. <i>Molecular Ecology</i> , 2002, 11, 619-625.	3.9	190
99	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
100	Population structure in two sympatric species of the Lake Tanganyika cichlid tribe Eretmodini: evidence for introgression. <i>Molecular Ecology</i> , 2001, 10, 1207-1225.	3.9	105
101	A New Molecular Phylogenetic Hypothesis for the Evolution of Freshwater Eels. <i>Molecular Phylogenetics and Evolution</i> , 2000, 14, 250-258.	2.7	31
102	Multiple Recurrent Evolution of Trophic Types in Northeastern Atlantic and Mediterranean Seabreams (<i>Sparidae</i> , <i>Percoidae</i>). <i>Journal of Molecular Evolution</i> , 2000, 50, 276-283.	1.8	56
103	Ecological Parallelism and Cryptic Species in the Genus <i>Ophiothrix</i> Derived from Mitochondrial DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1999, 11, 157-162.	2.7	48
104	Phylogenetic Relationships of Central European Wolf Spiders (<i>Araneae</i> : <i>Lycosidae</i>) Inferred from 12S Ribosomal DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 391-398.	2.7	23
105	Phylogeographic Patterns in Populations of Cichlid Fishes from Rocky Habitats in Lake Tanganyika. , 1997, , 97-111.		22
106	Where did <i>Marenzelleria</i> spp. (<i>Polychaeta</i> : <i>Spionidae</i>) in Europe come from?. <i>Aquatic Ecology</i> , 1997, 31, 119-136.	1.5	39
107	Molecular data and biogeography: resolution of a controversy over evolutionary history of a pan-tropical group of invertebrates. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 203, 117-131.	1.5	48
108	Genetic Divergence and Speciation in an Extremely Young Species Flock in Mexico Formed by the Genus <i>Cyprinodon</i> (<i>Cyprinodontidae</i> , <i>Teleostei</i>). <i>Molecular Phylogenetics and Evolution</i> , 1996, 6, 143-149.	2.7	44

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109	Diurnal Variation of Spacing and Foraging Behaviour in <i>Tropheus Moorii</i> (Cichlidae) in Lake Tanganyika, Eastern Africa. <i>Animal Biology</i> , 1994, 45, 386-401.	0.4	37
110	Ecophysiology of Aufwuchs-eating cichlids in Lake Tanganyika: niche separation by trophic specialization. <i>Environmental Biology of Fishes</i> , 1992, 35, 283-290.	1.0	55
111	Genetic divergence, speciation and morphological stasis in a lineage of African cichlid fishes. <i>Nature</i> , 1992, 358, 578-581.	27.8	318