

George F Turner

List of Publications by Year in descending order

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102
papers

5,807
citations

81900

39
h-index

88630

70
g-index

121
all docs

121
docs citations

121
times ranked

4985
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome sequences of Malawi cichlids reveal multiple radiations interconnected by gene flow. <i>Nature Ecology and Evolution</i> , 2018, 2, 1940-1955.	7.8	358
2	Genomic islands of speciation separate cichlid ecomorphs in an East African crater lake. <i>Science</i> , 2015, 350, 1493-1498.	12.6	330
3	How many species of cichlid fishes are there in African lakes?. <i>Molecular Ecology</i> , 2008, 10, 793-806.	3.9	282
4	Age of Cichlids: New Dates for Ancient Lake Fish Radiations. <i>Molecular Biology and Evolution</i> , 2007, 24, 1269-1282.	8.9	268
5	The influence of oceanographic fronts and early-life-history traits on connectivity among littoral fish species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1473-1478.	7.1	263
6	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
7	An extant cichlid fish radiation emerged in an extinct Pleistocene lake. <i>Nature</i> , 2005, 435, 90-95.	27.8	160
8	A problem for game theory analysis: assessment and intention in male mouthbrooder contests. <i>Animal Behaviour</i> , 1986, 34, 961-970.	1.9	151
9	Repeated colonization and hybridization in Lake Malawi cichlids. <i>Current Biology</i> , 2011, 21, R108-R109.	3.9	145
10	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
11	Female preference for conspecific males based on olfactory cues in a Lake Malawi cichlid fish. <i>Biology Letters</i> , 2005, 1, 411-414.	2.3	136
12	The mbuna cichlids of Lake Malawi: a model for rapid speciation and adaptive radiation. <i>Fish and Fisheries</i> , 2005, 6, 1-34.	5.3	135
13	Parallelism of amino acid changes at the RH1 affecting spectral sensitivity among deep-water cichlids from Lakes Tanganyika and Malawi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5448-5453.	7.1	116
14	Assortative mating among rock-dwelling cichlid fishes supports high estimates of species richness from Lake Malawi. <i>Molecular Ecology</i> , 1998, 7, 991-1001.	3.9	115
15	Laboratory mating trials indicate incipient speciation by sexual selection among populations of the cichlid fish <i>Pseudotropheus zebra</i> from Lake Malawi. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 675-680.	2.6	108
16	Ancient Hybridization and Phenotypic Novelty within Lake Malawi's Cichlid Fish Radiation. <i>Molecular Biology and Evolution</i> , 2012, 29, 195-206.	8.9	106
17	Genetic population structure indicates sympatric speciation of Lake Malawi pelagic cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2273-2280.	2.6	105
18	Food Partitioning Among Lake Malawi Nearshore Fishes as Revealed by Stable Isotope Analyses. <i>Ecology</i> , 1996, 77, 1286-1290.	3.2	99

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19	Adaptive radiation of cichlid fish. <i>Current Biology</i> , 2007, 17, R827-R831.	3.9	98
20	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
21	Species differences in courtship acoustic signals among five Lake Malawi cichlid species (<i>Pseudotropheus</i> spp.). <i>Journal of Fish Biology</i> , 2008, 72, 1355-1368.	1.6	95
22	MHC Adaptive Divergence between Closely Related and Sympatric African Cichlids. <i>PLoS ONE</i> , 2007, 2, e734.	2.5	91
23	Niche segregation among Lake Malawi cichlid fishes? Evidence from stable isotope signatures. <i>Ecology Letters</i> , 1999, 2, 185-190.	6.4	89
24	Extensive Homoplasy, Nonstepwise Mutations, and Shared Ancestral Polymorphism at a Complex Microsatellite Locus in Lake Malawi Cichlids. <i>Molecular Biology and Evolution</i> , 2000, 17, 489-498.	8.9	82
25	Evidence for male-biased dispersal in Lake Malawi cichlids from microsatellites. <i>Molecular Ecology</i> , 1999, 8, 1521-1527.	3.9	76
26	The fighting tactics of male mouthbrooding cichlids: the effects of size and residency. <i>Animal Behaviour</i> , 1994, 47, 655-662.	1.9	75
27	Microsatellite paternity analysis on captive Lake Malawi cichlids supports reproductive isolation by direct mate choice. <i>Molecular Ecology</i> , 1998, 7, 1605-1610.	3.9	73
28	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
29	Lake of flies, or lake of fish? A trophic model of Lake Malawi. <i>Ecological Modelling</i> , 2010, 221, 713-727.	2.5	65
30	Extreme microallopatric divergence in a cichlid species from Lake Malawi. <i>Molecular Ecology</i> , 2002, 11, 1585-1590.	3.9	64
31	Reproductive isolation among closely related Lake Malawi cichlids: can males recognize conspecific females by visual cues?. <i>Animal Behaviour</i> , 1999, 58, 761-768.	1.9	63
32	Foraging of rocky habitat cichlid fishes in Lake Malawi: coexistence through niche partitioning?. <i>Oecologia</i> , 1999, 121, 283-292.	2.0	63
33	Size-dependent microhabitat use and intraspecific competition in <i>Cottus gobio</i> . <i>Journal of Fish Biology</i> , 2005, 67, 428-443.	1.6	61
34	Resource control by territorial male cichlid fish in Lake Malawi. <i>Journal of Animal Ecology</i> , 1999, 68, 522-529.	2.8	59
35	Sexual selection, parasites and bower height skew in a bower-building cichlid fish. <i>Animal Behaviour</i> , 1998, 56, 379-384.	1.9	57
36	Courtship and agonistic sounds by the cichlid fish <i>Pseudotropheus zebra</i> . <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1332-1338.	1.1	55

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37	Establishment and expansion of Lake Malawi rock fish populations after a dramatic Late Pleistocene lake level rise. <i>Molecular Ecology</i> , 2010, 19, 170-182.	3.9	46
38	What is a fish species?. , 1999, 9, 281-297.		43
39	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
40	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
41	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
42	Parallel life history evolution in mouthbrooding cichlids from the African Great Lakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15475-15480.	7.1	38
43	Limited hybridization between introduced and Critically Endangered indigenous tilapia fishes in northern Tanzania. <i>Hydrobiologia</i> , 2019, 832, 257-268.	2.0	37
44	Widespread colonisation of Tanzanian catchments by introduced <i>Oreochromis</i> tilapia fishes: the legacy from decades of deliberate introduction. <i>Hydrobiologia</i> , 2019, 832, 235-253.	2.0	37
45	Beta diversity of rock-restricted cichlid fishes in Lake Malawi: importance of environmental and spatial factors. <i>Ecography</i> , 2004, 27, 601-610.	4.5	36
46	Evolution of a cichlid fish in a Lake Malawi satellite lake. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2249-2257.	2.6	35
47	Losing cichlid fish biodiversity: genetic and morphological homogenization of tilapia following colonization by introduced species. <i>Conservation Genetics</i> , 2018, 19, 1199-1209.	1.5	32
48	Isotopic change throughout the life history of a Lake Malawi cichlid fish. <i>Journal of Fish Biology</i> , 2003, 62, 907-917.	1.6	28
49	No evidence for parallel sympatric speciation in cichlid species of the genus <i>Pseudotropheus</i> from north-western Lake Malawi. <i>Journal of Evolutionary Biology</i> , 2003, 16, 37-46.	1.7	27
50	Colour forms of Amazonian cichlid fish represent reproductively isolated species. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1139-1148.	1.7	27
51	The genetic architecture of male colour differences between a sympatric Lake Malawi cichlid species pair. <i>Journal of Evolutionary Biology</i> , 2007, 20, 45-53.	1.7	27
52	Patterns of genetic differentiation between two co-occurring demersal species: the red mullet (<i>Mullus barbatus</i>) and the striped red mullet (<i>Mullus surmuletus</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1478-1490.	1.4	27
53	Territory dynamics and cost of reproduction in a captive population of the colonial nesting mouthbrooder <i>Oreochromis mossambicus</i> (Peters). <i>Journal of Fish Biology</i> , 1986, 29, 573-587.	1.6	26
54	Variation in habitat preference and population structure among three species of the Lake Malawi cichlid genus <i>Protomelas</i> . <i>Molecular Ecology</i> , 2004, 13, 2691-2697.	3.9	26

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55	Reproductive isolation among deep-water cichlid fishes of Lake Malawi differing in monochromatic male breeding dress. <i>Molecular Ecology</i> , 2006, 16, 651-662.	3.9	25
56	Parallel speciation, despeciation and respeciation: implications for species definition. <i>Fish and Fisheries</i> , 2002, 3, 225-229.	5.3	23
57	Geographical ancestry of Lake Malawi's cichlid fish diversity. <i>Biology Letters</i> , 2015, 11, 20150232.	2.3	23
58	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
59	The genomic basis of cichlid fish adaptation within the deepwater "twilight zone" of Lake Malawi. <i>Evolution Letters</i> , 2017, 1, 184-198.	3.3	21
60	Mechanisms of density dependence in stream fish: exploitation competition for food reduces growth of adult European bullheads (<i>Cottus gobio</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 597-606.	1.4	20
61	Evolutionary relationships of the Lake Malawi <i>Oreochromis</i> species: evidence from allozymes. <i>Journal of Fish Biology</i> , 1995, 47, 321-333.	1.6	20
62	Elevated mtDNA diversity in introduced populations of <i>Cynotilapia afra</i> (Günther 1894) in Lake Malawi National Park is evidence for multiple source populations and hybridization. <i>Molecular Ecology</i> , 2009, 18, 4380-4389.	3.9	19
63	Nile tilapia invades the Lake Malawi catchment. <i>African Journal of Aquatic Science</i> , 2013, 38, 85-90.	1.1	19
64	Signal and preference divergence among populations of the non-endemic basal Lake Malawi cichlid fish <i>Astatotilapia calliptera</i> (Perciformes: Cichlidae). <i>Biological Journal of the Linnean Society</i> , 2013, 110, 180-188.	1.6	17
65	Mapping epigenetic divergence in the massive radiation of Lake Malawi cichlid fishes. <i>Nature Communications</i> , 2021, 12, 5870.	12.8	17
66	A comparison of the ingestion rates of three tilapia species fed on a small planktonic alga. <i>Journal of Fish Biology</i> , 1990, 36, 269-270.	1.6	16
67	The lek paradox resolved?. <i>Trends in Ecology and Evolution</i> , 1995, 10, 473-474.	8.7	15
68	Isolation and characterization of nine polymorphic microsatellite markers in the two-banded sea bream (<i>Diplodus vulgaris</i>) and cross-species amplification in the white sea bream (<i>Diplodus sargus</i>) and the saddled bream (<i>Oblada melanura</i>). <i>Molecular Ecology Notes</i> , 2007, 7, 661-663.	1.7	14
69	Description of a commercially important pelagic species of the genus <i>Diplotaxodon</i> (Pisces: Cichlidae) from Lake Malawi, Africa. <i>Journal of Fish Biology</i> , 1994, 44, 799-807.	1.6	13
70	African cichlid <i>Pseudotropheus</i> spp. males moan to females during foreplay. <i>Journal of Fish Biology</i> , 2008, 72, 2689-2694.	1.6	13
71	Identification of the Lake Malawi <i>Oreochromis</i> (<i>Nyasalapia</i>) spp. using multivariate morphometric techniques. <i>Journal of Fish Biology</i> , 1989, 35, 799-812.	1.6	12
72	Timing of population expansions within the Lake Malawi haplochromine cichlid fish radiation. <i>Hydrobiologia</i> , 2015, 748, 121-132.	2.0	12

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73	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
74	Genetic homogeneity among breeding grounds and nursery areas of an exploited Lake Malawi cichlid fish. <i>Freshwater Biology</i> , 2008, 53, 1823-1831.	2.4	10
75	Secondary contact during adaptive radiation: a community matrix for Lake Malawi cichlids. <i>Journal of Evolutionary Biology</i> , 2009, 22, 882-889.	1.7	10
76	Population structure on breeding grounds of Lake Malawi's "twilight zone" cichlid fishes. <i>Journal of Biogeography</i> , 2010, 37, 258-269.	3.0	10
77	<i>Oca2</i> targeting using CRISPR/Cas9 in the Malawi cichlid <i>Astatotilapia calliptera</i> . <i>Royal Society Open Science</i> , 2022, 9, .	2.4	10
78	The nature of species in ancient lakes: Perspectives from the fishes of Lake Malawi. <i>Advances in Ecological Research</i> , 2000, 31, 39-60.	2.7	9
79	The diet of <i>Oreochromis lidole</i> (Trewavas) and other chambo species in Lakes Malawi and Malombe. <i>Journal of Fish Biology</i> , 1991, 39, 15-24.	1.6	8
80	Translocations of rocky habitat cichlid fishes to Nkhata Bay, Lake Malawi. <i>Journal of Fish Biology</i> , 2006, 69, 622-628.	1.6	8
81	Segregation of Species-Specific Male Attractiveness in Lake Malawi Cichlid Fish. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-7.		
82	Whole genome resequencing data enables a targeted SNP panel for conservation and aquaculture of <i>Oreochromis</i> cichlid fishes. <i>Aquaculture</i> , 2022, 548, 737637.	3.5	8
83	Reproductive isolation and the nest sites of Lake Malawi chambo, <i>Oveochromis</i> (<i>Nyasalapia</i>) spp.. <i>Journal of Fish Biology</i> , 1991, 39, 775-782.	1.6	7
84	Partner Attack Inhibition in the Sexually Monomorphic Biparental Cichlid <i>Tilapia Mariae</i> . <i>Behaviour</i> , 1989, 109, 1-19.	0.8	6
85	An experimental study of phytoplankton feeding in three tilapiine cichlids. <i>Journal of Fish Biology</i> , 1995, 46, 449-456.	1.6	6
86	Cross-amplification of 10 new isolated polymorphic microsatellite loci for red mullet (<i>Mullus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 7	1.7	6
87	Isolation of eight microsatellites loci from the saddled bream, <i>Oblada melanura</i> and cross-species amplification in two sea bream species of the genus <i>Diplodus</i> . <i>Conservation Genetics</i> , 2007, 8, 1255-1257.	1.5	6
88	Peripheral Isolate Speciation of a Lake Malawi Cichlid Fish from Shallow Muddy Habitats. <i>Evolutionary Biology</i> , 2014, 41, 439-451.	1.1	6
89	Population genetic evidence for a unique resource of Nile tilapia in Lake Tanganyika, East Africa. <i>Environmental Biology of Fishes</i> , 2019, 102, 1107-1117.	1.0	6
90	Environmental influences on male breeding colouration in <i>Oreochromis niloticus</i> . <i>Journal of Fish Biology</i> , 1988, 32, 155-156.	1.6	5

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91	Comparison of the social behaviour of an endemic Lake Malawi cichlid in the field and laboratory. <i>Journal of Fish Biology</i> , 1990, 36, 615-616.	1.6	5
92	Mismatch between molecular (mtDNA) and morphological classification of <i>Macrobrachium</i> prawns from Southern Nigeria: Cryptic freshwater species and brackish water morphotypes. <i>Aquaculture</i> , 2013, 410-411, 25-31.	3.5	5
93	Identifying and Conserving Tilapiine Cichlid Species in the Twenty-First Century. , 2021, , 285-312.		4
94	Partner Attack Inhibition in the Convict Cichlid, <i>Cichlasoma (Archocentrus) nigrofasciatum</i> . <i>Behaviour</i> , 1987, 103, 294-316.	0.8	3
95	On the adoption of 'male-typical' breeding colouration by female mouthbrooding cichlids. <i>Journal of Fish Biology</i> , 1989, 34, 805-806.	1.6	3
96	Team colours matter when playing away from home: aggression biases in geographically isolated mbuna cichlid populations. <i>Hydrobiologia</i> , 2018, 809, 31-40.	2.0	3
97	Rare morph Lake Malawi mbuna cichlids benefit from reduced aggression from conspecifics and heterospecifics. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1678-1690.	1.7	3
98	Presence of <i>Acapoeta tanganyicae</i> (Actinopterygii: Cypriniformes: Cyprinidae) within the Lake Rukwa catchment supports historic riverine connectivity with Lake Tanganyika. <i>Acta Ichthyologica Et Piscatoria</i> , 2015, 45, 109-112.	0.7	3
99	Isolation and characterization of polymorphic microsatellite markers for peacock wrasse (<i>Symphodus tinca</i>). <i>Molecular Ecology Notes</i> , 2006, 6, 747-749.	1.7	2
100	Polymorphic microsatellite loci for the cardinal fish (<i>Apogon imberbis</i>). <i>Conservation Genetics</i> , 2007, 8, 1251-1253.	1.5	2
101	Revision of the African cichlid fish genus <i>Ctenochromis</i> (Teleostei, Cichliformes), including a description of the new genus <i>Shuja</i> from Lake Tanganyika and the new species <i>Ctenochromis scatebra</i> from northern Tanzania. <i>European Journal of Taxonomy</i> , 0, 819, 23-54.	0.6	2
102	Relative growth of invasive and indigenous tilapiine cichlid fish in Tanzania. <i>African Journal of Aquatic Science</i> , 2020, 45, 378-381.	1.1	1