

Topi K Lehtonen

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,433
citations

331642

21
h-index

361001

35
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64
all docs

64
docs citations

64
times ranked

1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Local variation and parallel evolution: morphological and genetic diversity across a species complex of neotropical crater lake cichlid fishes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1763-1782.	4.0	162
2	COLOR ASSORTATIVE MATING CONTRIBUTES TO SYMPATRIC DIVERGENCE OF NEOTROPICAL CICHLID FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2750-2757.	2.3	120
3	Rapid sympatric ecological differentiation of crater lake cichlid fishes within historic times. <i>BMC Biology</i> , 2010, 8, 60.	3.8	112
4	Repeatability of mating preferences in the sand goby. <i>Animal Behaviour</i> , 2008, 75, 55-61.	1.9	62
5	Mate preference for multiple cues: interplay between male and nest size in the sand goby, <i>Pomatoschistus minutus</i> . <i>Behavioral Ecology</i> , 2007, 18, 696-700.	2.2	50
6	The pharmaceutical pollutant fluoxetine alters reproductive behaviour in a fish independent of predation risk. <i>Science of the Total Environment</i> , 2019, 650, 642-652.	8.0	49
7	Territorial aggression can be sensitive to the status of heterospecific intruders. <i>Behavioural Processes</i> , 2010, 84, 598-601.	1.1	47
8	Mate sampling and choosiness in the sand goby. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130983.	2.6	39
9	Females decide whether size matters: plastic mate preferences tuned to the intensity of male-male competition. <i>Behavioral Ecology</i> , 2009, 20, 195-199.	2.2	34
10	Colour biases in territorial aggression in a Neotropical cichlid fish. <i>Oecologia</i> , 2014, 175, 85-93.	2.0	34
11	Changes in sexual selection resulting from novel habitat use in the sand goby. <i>Oikos</i> , 2004, 104, 327-335.	2.7	32
12	Fluctuating mate preferences in a marine fish. <i>Biology Letters</i> , 2010, 6, 21-23.	2.3	32
13	CRATER LAKE COLONIZATION BY NEOTROPICAL CICHLID FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 281-288.	2.3	32
14	Long-Term Pharmaceutical Contamination and Temperature Stress Disrupt Fish Behavior. <i>Environmental Science & Technology</i> , 2020, 54, 8072-8082.	10.0	32
15	The interval between sexual encounters affects male courtship tactics in a desert-dwelling fish. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1967-1970.	1.4	29
16	Should females prefer males with elaborate nests?. <i>Behavioral Ecology</i> , 2009, 20, 1015-1019.	2.2	28
17	Signal value of male courtship effort in a fish with paternal care. <i>Animal Behaviour</i> , 2012, 83, 1153-1161.	1.9	26
18	Effect of egg predator on nest choice and nest construction in sand gobies. <i>Animal Behaviour</i> , 2013, 86, 867-871.	1.9	24

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19	A High Aggression Strategy for Smaller Males. PLoS ONE, 2012, 7, e43121.	2.5	23
20	Effects of salinity on nest-building behaviour in a marine fish. BMC Ecology, 2016, 16, 7.	3.0	23
21	Introduced Predator Elicits Deficient Brood Defence Behaviour in a Crater Lake Fish. PLoS ONE, 2012, 7, e30064.	2.5	23
22	Densityâ€dependent sexual selection in the monogamous fish <i>Archocentrus nigrofasciatus</i> . Oikos, 2008, 117, 867-874.	2.7	21
23	Convict cichlids benefit from close proximity to another species of cichlid fish. Biology Letters, 2008, 4, 610-612.	2.3	21
24	Adjustment of brood care behaviour in the absence of a mate in two species of Nicaraguan crater lake cichlids. Behavioral Ecology and Sociobiology, 2011, 65, 613-619.	1.4	21
25	Repeatability of nest size choice and nest building in sand gobies. Animal Behaviour, 2012, 84, 913-917.	1.9	20
26	Species divergence and seasonal succession in rates of mate desertion in closely related Neotropical cichlid fishes. Behavioral Ecology and Sociobiology, 2011, 65, 607-612.	1.4	18
27	Male Nest Choice in Sand Gobies, <i>Pomatoschistus minutus</i> . Ethology, 2008, 114, 575-581.	1.1	17
28	Infections may select for filial cannibalism by impacting egg survival in interactions with water salinity and egg density. Oecologia, 2015, 178, 673-683.	2.0	17
29	Temporal and sex-specific patterns of breeding territory defense in a color-polymorphic cichlid fish. Hydrobiologia, 2017, 791, 237-245.	2.0	16
30	Mate compatibility, parental allocation and fitness consequences of mate choice in the sand goby <i>Pomatoschistus minutus</i> . Behavioral Ecology and Sociobiology, 2007, 61, 1581-1588.	1.4	15
31	Paternal care behaviour of sand gobies is determined by habitat related nest structure. Behaviour, 2008, 145, 39-50.	0.8	15
32	Heterospecific aggression bias towards a rarer colour morph. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151551.	2.6	15
33	Cichlid Fish Use Coloration as a Cue to Assess the Threat Status of Heterospecific Intruders. American Naturalist, 2015, 186, 547-552.	2.1	14
34	Density effects on fish egg survival and infections depend on salinity. Marine Ecology - Progress Series, 2015, 540, 183-191.	1.9	14
35	Both male and female identity influence variation in male signalling effort. BMC Evolutionary Biology, 2011, 11, 233.	3.2	13
36	Background matching ability and the maintenance of a colour polymorphism in the red devil cichlid. Journal of Evolutionary Biology, 2015, 28, 395-402.	1.7	13

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37	High road mortality during female-biased larval dispersal in an iconic beetle. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 26.	1.4	13
38	Odour cues from suitors' nests determine mating success in a fish. <i>Biology Letters</i> , 2015, 11, 20150021.	2.3	12
39	The influence of recent social experience and physical environment on courtship and male aggression. <i>BMC Evolutionary Biology</i> , 2016, 16, 18.	3.2	12
40	Heritability and adaptive significance of the number of egg-dummies in the cichlid fish <i>Astatotilapia burtoni</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2318-2324.	2.6	10
41	Body size mediates social and environmental effects on nest building behaviour in a fish with paternal care. <i>Oecologia</i> , 2015, 178, 699-706.	2.0	10
42	Males are quicker to adjust aggression towards heterospecific intruders in a cichlid fish. <i>Animal Behaviour</i> , 2017, 124, 145-151.	1.9	9
43	Threat sensitive adjustment of aggression by males and females in a biparental cichlid. <i>Behavioral Ecology</i> , 2018, 29, 761-768.	2.2	9
44	Leave me alone: solitary females attract more mates in a nocturnal insect. <i>Behavioral Ecology</i> , 2020, 31, 1040-1045.	2.2	9
45	Sexual selection for bright females prevails under light pollution. <i>Environmental Epigenetics</i> , 2021, 67, 329-331.	1.8	9
46	Pervasive admixture and the spread of a large-flipped form in a cichlid fish radiation. <i>Molecular Ecology</i> , 2021, 30, 5551-5571.	3.9	8
47	The duration of artificial light defines sexual signalling in the common glow-worm. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	8
48	Paternal investment with an uncertain future: effects of predator exposure on filial cannibalism and nesting behaviour. <i>Animal Behaviour</i> , 2017, 132, 81-90.	1.9	6
49	Genetic evidence for panmixia in a colony-breeding crater lake cichlid fish. <i>Scientific Reports</i> , 2018, 8, 1166.	3.3	6
50	Spatial and temporal patterns of nest distribution influence sexual selection in a marine fish. <i>Oikos</i> , 2018, 127, 1104-1112.	2.7	6
51	When night never falls: female sexual signalling in a nocturnal insect along a latitudinal gradient. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	1.4	6
52	The impact of an invasive mud crab on brood success of nest-building fish in the Northern Baltic Sea. <i>Biological Invasions</i> , 2018, 20, 981-993.	2.4	5
53	Costly mating delays drive female ornamentation in a capital breeder. <i>Ecology and Evolution</i> , 2021, 11, 8863-8868.	1.9	5
54	Allopatry, competitor recognition and heterospecific aggression in crater lake cichlids. <i>BMC Evolutionary Biology</i> , 2016, 16, 3.	3.2	4

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55	Parental coordination with respect to color polymorphism in a crater lake fish. Behavioral Ecology, 2017, 28, 925-933.	2.2	4
56	Male reproductive adjustments to an introduced nest predator. Behavioral Ecology, 0, , .	2.2	4
57	Aggression towards shared enemies by heterospecific and conspecific cichlid fish neighbours. Oecologia, 2019, 191, 359-368.	2.0	3
58	Context-dependent resource choice in a nest-building fish. Animal Behaviour, 2020, 166, 297-303.	1.9	3
59	Resource trait specialisation in an introduced fish population with reduced genetic diversity. Biological Invasions, 2020, 22, 2447-2460.	2.4	3
60	Aggressive desert goby males also court more, independent of the physiological demands of salinity. Scientific Reports, 2018, 8, 9352.	3.3	2
61	What is the role of competition among pairs in speciation?: a comment on Tinghitella et al.. Behavioral Ecology, 2018, 29, 799-799.	2.2	1
62	Male phenotype and resource type influence nesting behaviour in a fish. Animal Behaviour, 2020, 166, 289-296.	1.9	1