

Wen Bo Liao

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,548
citations

304743

22
h-index

377865

34
g-index

70
all docs

70
docs citations

70
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-brained birds display lower extra-pair paternity. <i>Integrative Zoology</i> , 2023, 18, 278-288.	2.6	11
2	Genomic evidence for adaptive differentiation among <i>Microhyla fissipes</i> populations: Implications for conservation. <i>Diversity and Distributions</i> , 2022, 28, 2665-2680.	4.1	5
3	Small-scale dams deplete frogs and toads. <i>Conservation Science and Practice</i> , 2022, 4, .	2.0	0
4	Anuran interorbital distance variation: the role of ecological and behavioral factors. <i>Integrative Zoology</i> , 2022, , .	2.6	11
5	A large genome with chromosome-scale assembly sheds light on the evolutionary success of a true toad (<i>Bufo gargarizans</i>). <i>Molecular Ecology Resources</i> , 2021, 21, 1256-1273.	4.8	32
6	Brain size evolution in small mammals: test of the expensive tissue hypothesis. <i>Mammalia</i> , 2021, 85, 455-461.	0.7	4
7	Seasonal Variation in Gut Microbiota Related to Diet in <i>Fejervarya limnocharis</i> . <i>Animals</i> , 2021, 11, 1393.	2.3	20
8	No Evidence for Effects of Ecological and Behavioral Factors on Eye Size Evolution in Anurans. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	7
9	Association of social group with both life-history traits and brain size in cooperatively breeding birds. <i>Animal Biology</i> , 2021, 71, 261-278.	1.0	0
10	Genome size variation is associated with life-history traits in birds. <i>Journal of Zoology</i> , 2020, 310, 255-260.	1.7	9
11	Geographic variation in skin structure in male Andrew's toad (<i>Bufo andrewsi</i>). <i>Animal Biology</i> , 2020, 70, 159-174.	1.0	0
12	Body mass variation is negatively associated with brain size: Evidence for the fat-brain trade-off in anurans. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1551-1557.	2.3	14
13	Relative Brain Size Is Predicted by the Intensity of Intrasexual Competition in Frogs. <i>American Naturalist</i> , 2020, 196, 169-179.	2.1	18
14	Frogs with denser group-spawning mature later and live longer. <i>Scientific Reports</i> , 2019, 9, 13776.	3.3	4
15	Investigating the role of body size, ecology, and behavior in anuran eye size evolution. <i>Evolutionary Ecology</i> , 2019, 33, 585-598.	1.2	14
16	Brain size evolution in anurans: a review. <i>Animal Biology</i> , 2019, 69, 265-279.	1.0	16
17	Altitudinal implications in organ size in the Andrew's toad (<i>Bufo andrewsi</i>). <i>Animal Biology</i> , 2019, 69, 365-376.	1.0	9
18	Sperm quality and quantity evolve through different selective processes in the Phasianidae. <i>Scientific Reports</i> , 2019, 9, 19278.	3.3	10

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19	Effect of population density on relationship between pre- and postcopulatory sexual traits. <i>Animal Biology</i> , 2019, 69, 281-292.	1.0	7
20	Cerebellum size is positively correlated with geographic distribution range in anurans. <i>Animal Biology</i> , 2018, 68, 309-320.	1.0	5
21	No evidence for the expensive-tissue hypothesis in <i>Fejervarya limnocharis</i> . <i>Animal Biology</i> , 2018, 68, 265-276.	1.0	10
22	Variation in somatic condition and testis mass in <i>Feirana quadranus</i> along an altitudinal gradient. <i>Animal Biology</i> , 2018, 68, 277-288.	1.0	14
23	Large-brained frogs mature later and live longer. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1174-1183.	2.3	49
24	Digest: Ontogenesis and evolutionary allometry shape divergent evolution of genitalia in female cetaceans*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 404-405.	2.3	5
25	Latitudinal variation in body size in <i>Fejervarya limnocharis</i> supports the inverse of Bergmann's rule. <i>Animal Biology</i> , 2018, 68, 113-128.	1.0	14
26	Ejaculate evolution in external fertilizers: Influenced by sperm competition or sperm limitation?. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 4-17.	2.3	46
27	Modulation of Gene Expression in Liver of Hibernating Asiatic Toads (<i>Bufo gargarizans</i>). <i>International Journal of Molecular Sciences</i> , 2018, 19, 2363.	4.1	11
28	The Expensive-Tissue Hypothesis in Vertebrates: Gut Microbiota Effect, a Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1792.	4.1	19
29	Altitudinal variation in somatic condition and reproductive investment of male Yunnan pond frogs (<i>Dianrana pleuraden</i>). <i>Zoologischer Anzeiger</i> , 2017, 266, 189-195.	0.9	15
30	Population density and structure drive differential investment in pre- and postmating sexual traits in frogs. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1686-1699.	2.3	54
31	Brain size evolution in the frog <i>Fejervarya limnocharis</i> supports neither the cognitive buffer nor the expensive brain hypothesis. <i>Journal of Zoology</i> , 2017, 302, 63-72.	1.7	22
32	Altitudinal variation in body size and age in male spot-legged treefrog (<i>Polypedates megacephalus</i>). <i>Russian Journal of Ecology</i> , 2017, 48, 476-481.	0.9	3
33	Seasonality and brain size are negatively associated in frogs: evidence for the expensive brain framework. <i>Scientific Reports</i> , 2017, 7, 16629.	3.3	44
34	Brain size in <i>Hylarana guentheri</i> seems unaffected by variation in temperature and growth season. <i>Animal Biology</i> , 2017, 67, 209-225.	1.0	12
35	Genomewide scan for adaptive differentiation along altitudinal gradient in the Andrew's toad <i>Bufo andrewsi</i> . <i>Molecular Ecology</i> , 2016, 25, 3884-3900.	3.9	38
36	Geographic variation in life-history traits: growth season affects age structure, egg size and clutch size in Andrew's toad (<i>Bufo andrewsi</i>). <i>Frontiers in Zoology</i> , 2016, 13, 6.	2.0	48

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37	Large Brains, Small Guts: The Expensive Tissue Hypothesis Supported within Anurans. <i>American Naturalist</i> , 2016, 188, 693-700.	2.1	59
38	Altitudinal variation in male reproductive investment in a polyandrous frog species (<i>Hyla</i>). <i>Journal of Herpetology</i> , 2016, 50, 702-710.	1.0	16
39	Sexual selection impacts brain anatomy in frogs and toads. <i>Ecology and Evolution</i> , 2016, 6, 7070-7079.	1.9	29
40	Digestive tract adaptation associated with temperature and precipitation in male <i>Bufo andrewsi</i> . <i>Animal Biology</i> , 2016, 66, 279-288.	1.0	11
41	Mating patterns in three <i>Bufo andrewsi</i> populations at different latitude. <i>Russian Journal of Ecology</i> , 2016, 47, 557-561.	0.9	4
42	Altitude underlies variation in the mating system, somatic condition, and investment in reproductive traits in male Asian grass frogs (<i>Fejervarya limnocharis</i>). <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1197-1208.	1.4	42
43	Evolution of anuran brains: disentangling ecological and phylogenetic sources of variation. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1986-1996.	1.7	50
44	Seasonality and Age is Positively Related to Brain Size in Andrew's Toad (<i>Bufo andrewsi</i>). <i>Evolutionary Biology</i> , 2015, 42, 339-348.	1.1	33
45	Andrew meets Rensch: sexual size dimorphism and the inverse of Rensch's rule in Andrew's toad (<i>Bufo</i>). <i>Evolutionary Biology</i> , 2015, 42, 339-348.	2.8	63
46	Evidence for neither the compensation hypothesis nor the expensive-tissue hypothesis in <i>Carassius auratus</i> . <i>Animal Biology</i> , 2014, 64, 177-187.	1.0	13
47	Altitudinal variation in maternal investment and trade-offs between egg size and clutch size in the Andrew's toad. <i>Journal of Zoology</i> , 2014, 293, 84-91.	1.7	44
48	Evolution of sperm morphology in anurans: insights into the roles of mating system and spawning location. <i>BMC Evolutionary Biology</i> , 2014, 14, 104.	3.2	34
49	Sexual size dimorphism in anurans fails to obey Rensch's rule. <i>Frontiers in Zoology</i> , 2013, 10, 10.	2.0	40
50	Evolution of Sexual Size Dimorphism in a Frog Obeys the Inverse of Rensch's Rule. <i>Evolutionary Biology</i> , 2013, 40, 293-299.	1.1	24
51	Within population variation in testis size in the mole-shrew (<i>Anourosorex squamipes</i>) (Mammalia). <i>Journal of Herpetology</i> , 2013, 47, 313-320.	0.6	3
52	Sexual size dimorphism in anurans: roles of mating system and habitat types. <i>Frontiers in Zoology</i> , 2013, 10, 65.	2.0	16
53	Evolution of sexual dimorphism in the forelimb muscles of Andrew's toad (<i>Bufo andrewsi</i>) in response to putative sexual selection. <i>Animal Biology</i> , 2012, 62, 83-93.	1.0	18
54	Altitudinal Variation in Age and Body Size in Yunnan Pond Frog (<i>Pelophylax pleuraden</i>). <i>Zoological Science</i> , 2012, 29, 493-498.	0.7	16

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55	Inverse Rensch's rule in a frog with female-biased sexual size dimorphism. <i>Die Naturwissenschaften</i> , 2012, 99, 427-431.	1.6	30
56	Testis Asymmetry and Sperm Length in <i>Rhacophorus omeimontis</i> . <i>Zoological Science</i> , 2012, 29, 368-372.	0.7	15
57	Adult body size = $f(\text{initial size} + \text{growth rate} - \text{age})$: explaining the proximate cause of Bergman's cline in a toad along altitudinal gradients. <i>Evolutionary Ecology</i> , 2012, 26, 579-590.	1.2	81
58	Age structure and body size of two populations of the rice frog <i>Rana limnocharis</i> from different altitudes. <i>Italian Journal of Zoology</i> , 2011, 78, 215-221.	0.6	30
59	Breeding ecology of ground tits in northeastern Tibetan plateau, with special reference to cooperative breeding system. <i>Environmental Epigenetics</i> , 2011, 57, 751-757.	1.8	10
60	A comparison of reproductive output of the Omei Treefrog (<i>Rhacophorus omeimontis</i>) between high and low elevations. <i>Animal Biology</i> , 2011, 61, 263-276.	1.0	15
61	Proximate mechanisms leading to large male-mating advantage in the Andrew's toad, <i>Bufo andrewsi</i> . <i>Behaviour</i> , 2011, 148, 1087-1102.	0.8	22
62	Relative testis size and mating systems in anurans: large testis in multiple-male mating in foam-nesting frogs. <i>Animal Biology</i> , 2011, 61, 225-238.	1.0	20
63	Age structure and body size of the Chuanxi Tree Frog <i>Hyla annectans chuanxiensis</i> from two different elevations in Sichuan (China). <i>Zoologischer Anzeiger</i> , 2010, 248, 255-263.	0.9	67
64	A skeletochronological estimation of age and body size by the Sichuan torrent frog (<i>Amolops</i>) <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 382</i>	1.0	22
65	Age and Growth of a Subtropical High-Elevation Torrent Frog, <i>Amolops mantzorum</i> , in Western China. <i>Journal of Herpetology</i> , 2010, 44, 172-176.	0.5	24
66	Breeding behaviour of the Omei tree frog <i>Rhacophorus omeimontis</i> (Anura: Rachophoridae) in a subtropical montane region. <i>Journal of Natural History</i> , 2010, 44, 2929-2940.	0.5	17
67	Male mate choice in the Andrew's toad <i>Bufo andrewsi</i> : a preference for larger females. <i>Journal of Ethology</i> , 2009, 27, 413-417.	0.8	37
68	Sex recognition by male Andrew's toad <i>Bufo andrewsi</i> in a subtropical montane region. <i>Behavioural Processes</i> , 2009, 82, 100-103.	1.1	28
69	Roosting behaviour of the endangered Sichuan Hill-partridge <i>Arborophila rufipectus</i> during the breeding season. <i>Bird Conservation International</i> , 2008, 18, 260-266.	1.3	13
70	Testing the Role of Environmental Harshness and Sexual Selection in Limb Muscle Mass in Anurans. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	2.2	2