

Jinzhong Fu

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,209
citations

361296

20
h-index

414303

32
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54
all docs

54
docs citations

54
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Light/dark phase influences intra-individual plasticity in maintenance metabolic rate and exploratory behavior independently in the Asiatic toad. <i>BMC Zoology</i> , 2022, 7, .	0.3	2
2	Brain size variation along altitudinal gradients in the Asiatic Toad (<i>Bufo gargarizans</i>). <i>Ecology and Evolution</i> , 2021, 11, 3015-3027.	0.8	5
3	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.	2.2	32
4	Isolation and reconnection: Demographic history and multiple contact zones of the green odorous frog (<i>Odorrana margaretae</i>) around the Sichuan Basin. <i>Molecular Ecology</i> , 2021, 30, 4103-4117.	2.0	7
5	Metabolic cold adaptation in the Asiatic toad: intraspecific comparison along an altitudinal gradient. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 765-776.	0.7	7
6	Unraveling the content of tail displays in an Asian agamid lizard. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	3
7	UCE Phylogenomics, detection of a putative hybrid population, and one older mitogenomic node age of <i>Batrachuperus</i> salamanders. <i>Molecular Phylogenetics and Evolution</i> , 2021, 163, 107239.	1.2	0
8	A Re-Assessment of Positive Selection on Mitochondrial Genomes of High-Elevation <i>Phrynocephalus</i> Lizards. <i>Journal of Molecular Evolution</i> , 2021, 89, 95-102.	0.8	3
9	Molecular convergent and parallel evolution among four high-elevation anuran species from the Tibetan region. <i>BMC Genomics</i> , 2020, 21, 839.	1.2	9
10	Revisiting the evolution of the North American tetraploid treefrog (<i>Hyla versicolor</i>). <i>Genome</i> , 2020, 63, 547-560.	0.9	11
11	Genetic Adaptations of an Island Pit-Viper to a Unique Sedentary Life with Extreme Seasonal Food Availability. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1639-1646.	0.8	3
12	The driving forces behind female-female aggression and its fitness consequence in an Asian agamid lizard. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	13
13	Isolation by resistance analysis reveals major barrier effect imposed by the Tsinling Mountains on the Chinese wood frog. <i>Journal of Zoology</i> , 2019, 309, 69-75.	0.8	2
14	A rapid rate of sex-chromosome turnover and non-random transitions in true frogs. <i>Nature Communications</i> , 2018, 9, 4088.	5.8	149
15	Evolutionary melting pots and reproductive isolation: A ring-shaped diversification of an odorous frog (<i>Odorrana margaratea</i>) around the Sichuan Basin. <i>Molecular Ecology</i> , 2018, 27, 4888-4900.	2.0	17
16	Testing domain general learning in an Australian lizard. <i>Animal Cognition</i> , 2018, 21, 595-602.	0.9	11
17	Molecular Convergent Evolution of the MYBPC2 Gene Among Three High-Elevation Amphibian Species. <i>Journal of Molecular Evolution</i> , 2017, 84, 139-143.	0.8	2
18	Positive and relaxed selection associated with flight evolution and loss in insect transcriptomes. <i>GigaScience</i> , 2017, 6, 1-14.	3.3	40

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19	Syntopic frogs reveal different patterns of interaction with the landscape: A comparative landscape genetic study of <i>Pelophylax nigromaculatus</i> and <i>Fejervarya limnocharis</i> from central China. <i>Ecology and Evolution</i> , 2017, 7, 9294-9306.	0.8	18
20	Gene expression variations in high-altitude adaptation: a case study of the Asiatic toad (<i>Bufo</i>) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 702	2.7	10
21	Rates and patterns of molecular evolution in freshwater versus terrestrial insects. <i>Genome</i> , 2016, 59, 968-980.	0.9	8
22	High endemism at cave entrances: a case study of spiders of the genus <i>Uthina</i> . <i>Scientific Reports</i> , 2016, 6, 35757.	1.6	23
23	Genetic signals of high-altitude adaptation in amphibians: a comparative transcriptome analysis. <i>BMC Genetics</i> , 2016, 17, 134.	2.7	21
24	Past climate change and recent anthropogenic activities affect genetic structure and population demography of the greater long-tailed hamster in northern China. <i>Integrative Zoology</i> , 2015, 10, 482-496.	1.3	16
25	Isolation and characterization of fourteen microsatellite loci for Asiatic toad (<i>Bufo gargarizans</i>) at high altitude through transcriptome sequencing. <i>Conservation Genetics Resources</i> , 2015, 7, 407-409.	0.4	4
26	Population Genetic Structure and Species Status of Asiatic Toads (<i>Bufo gargarizans</i>) in Western China. <i>Zoological Science</i> , 2015, 32, 427.	0.3	8
27	Spatial Genetic Structure Patterns of Phenotype-Limited and Boundary-Limited Expanding Populations: A Simulation Study. <i>PLoS ONE</i> , 2014, 9, e85778.	1.1	3
28	A phylogeographic evaluation of the <i>Amolops mantzorum</i> species group: Cryptic species and plateau uplift. <i>Molecular Phylogenetics and Evolution</i> , 2014, 73, 40-52.	1.2	35
29	Hybridization and mitochondrial genome introgression between <i>Rana chensinensis</i> and <i>R. kukunoris</i> . <i>Molecular Ecology</i> , 2014, 23, 5575-5588.	2.0	17
30	Exploring the Genetic Basis of Adaptation to High Elevations in Reptiles: A Comparative Transcriptome Analysis of Two Toad-Headed Agamas (Genus <i>Phrynocephalus</i>). <i>PLoS ONE</i> , 2014, 9, e112218.	1.1	27
31	Isolation and characterization of 13 microsatellite DNA loci for the odorous frog <i>Odorrana margaretae</i> and <i>O. graminea</i> (Anura: Ranidae). <i>Conservation Genetics Resources</i> , 2013, 5, 935-937.	0.4	3
32	River islands, refugia and genetic structuring in the endemic brown frog <i>Rana kukunoris</i> (<i>R. nura</i> , <i>R. anidae</i>) of the Qinghai-Tibetan Plateau. <i>Molecular Ecology</i> , 2013, 22, 130-142.	2.0	36
33	Toward understanding the genetic basis of adaptation to high-elevation life in poikilothermic species: A comparative transcriptomic analysis of two ranid frogs, <i>Rana chensinensis</i> and <i>R. kukunoris</i> . <i>BMC Genomics</i> , 2012, 13, 588.	1.2	55
34	Speciation in the <i>Rana chensinensis</i> species complex and its relationship to the uplift of the Qinghai-Tibetan Plateau. <i>Molecular Ecology</i> , 2012, 21, 960-973.	2.0	72
35	Past and present: Phylogeography of the <i>Bufo gargarizans</i> species complex inferred from multi-loci allele sequence and frequency data. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 136-148.	1.2	45
36	When central populations exhibit more genetic diversity than peripheral populations: A simulation study. <i>Science Bulletin</i> , 2011, 56, 2531-2540.	1.7	14

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37	Characterization of microsatellite DNA markers in the Emei moustache toads (<i>Leptobranchium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.8	3
38	Species delineation using Bayesian model-based assignment tests: a case study using Chinese toad-headed agamas (genus <i>Phrynocephalus</i>). <i>BMC Evolutionary Biology</i> , 2010, 10, 197.	3.2	29
39	A populational survey of 45S rDNA polymorphism in the Jefferson salamander <i>Ambystoma jeffersonianum</i> revealed by fluorescence in situ hybridization (FISH). <i>Environmental Epigenetics</i> , 2009, 55, 145-149.	0.9	7
40	The effect of habitat fragmentation on finescale population structure of wood frogs (<i>Rana sylvatica</i>). <i>Conservation Genetics</i> , 2009, 10, 1707-1718.	0.8	38
41	Big mountains but small barriers: Population genetic structure of the Chinese wood frog (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 101	2.7	29
42	Frequent mitochondrial gene introgression among high elevation Tibetan megophryid frogs revealed by conflicting gene genealogies. <i>Molecular Ecology</i> , 2009, 18, 2856-2876.	2.0	48
43	Historical vicariance and male-mediated gene flow in the toad-headed lizards <i>Phrynocephalus przewalskii</i> . <i>Molecular Ecology</i> , 2009, 18, 3714-3729.	2.0	34
44	Rivers as barriers for high elevation amphibians: a phylogeographic analysis of the alpine stream frog of the Hengduan Mountains. <i>Journal of Zoology</i> , 2009, 277, 309-316.	0.8	43
45	Testing historical phylogeographic inferences with contemporary gene flow data: population genetic structure of the Qinghai toad-headed lizard. <i>Journal of Zoology</i> , 2009, 278, 149-156.	0.8	8
46	Do rivers function as genetic barriers for the plateau wood frog at high elevations?. <i>Journal of Zoology</i> , 2009, 279, 270-276.	0.8	17
47	How many species are in the genus <i>Batrachuperus</i> ? A phylogeographical analysis of the stream salamanders (family Hynobiidae) from southwestern China. <i>Molecular Ecology</i> , 2008, 17, 1469-1488.	2.0	48
48	Making a Doughnut-shaped Egg Mass: Oviposition Behaviour of <i>Vibrissaphora boringiae</i> (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.1	8
49	A phylogeny of the high-elevation Tibetan megophryid frogs and evidence for the multiple origins of reversed sexual size dimorphism. <i>Journal of Zoology</i> , 2007, 273, 315-325.	0.8	32
50	Isolation and characterization of microsatellite DNA loci in the toad-headed lizards, <i>Phrynocephalus przewalskii</i> complex. <i>Molecular Ecology Notes</i> , 2005, 5, 928-930.	1.7	10
51	Phylogeny of East Asian Bufonids Inferred from Mitochondrial DNA Sequences (Anura: Amphibia). <i>Molecular Phylogenetics and Evolution</i> , 2000, 14, 423-435.	1.2	58
52	Genetic variability among endangered Chinese giant salamanders, <i>Andrias davidianus</i> . <i>Molecular Ecology</i> , 2000, 9, 1539-1547.	2.0	59
53	Low diversity, little genetic structure but no inbreeding in a high density island endemic pit-viper <i>Gloydus shedaensis</i> . <i>Environmental Epigenetics</i> , 0, .	0.9	3