

Whole-genome sequence of the Tibetan frog *Nanorana*  
evolution of tetrapod genomes

Proceedings of the National Academy of Sciences of the United States of America  
112, E1257-62

DOI: [10.1073/pnas.1501764112](https://doi.org/10.1073/pnas.1501764112)

Citation Report

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Genomic takeover by transposable elements in the Strawberry poison frog. <i>Molecular Biology and Evolution</i> , 2014, 35, 2913-2927.   | 3.5 | 45        |
| 2  | Amphibian molecular ecology and how it has informed conservation. <i>Molecular Ecology</i> , 2015, 24, 5084-5109.  | 2.0 | 45        |
| 3  | Transcriptomes reveal the genetic mechanisms underlying ionic regulatory adaptations to salt in the crab-eating frog. <i>Scientific Reports</i> , 2015, 5, 17551.  | 1.6 | 14        |
| 4  | Transposons, Genome Size, and Evolutionary Insights in Animals. <i>Cytogenetic and Genome Research</i> , 2015, 147, 217-239.   | 0.6 | 119       |
| 5  | First insights on the retroelement Rex1 in the cytogenetics of frogs. <i>Molecular Cytogenetics</i> , 2015, 8, 86.   | 0.4 | 1         |
| 6  | A Single Transcriptome of a Green Toad ( <i>Bufo viridis</i> ) Yields Candidate Genes for Sex Determination and -Differentiation and Non-Anonymous Population Genetic Markers. <i>PLoS ONE</i> , 2016, 11, e0156419.                             | 1.1 | 18        |
| 7  | Exon capture optimization in amphibians with large genomes. <i>Molecular Ecology Resources</i> , 2016, 16, 1084-1094.  | 2.2 | 54        |
| 8  | Para-allopatry in hybridizing fire-bellied toads ( <i>Bombina bombina</i> and <i>B. variegata</i> ): Inference from transcriptome-wide coalescence analyses. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1803-1818. | 1.1 | 25        |
| 9  | 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.  | 2.0 | 38        |
| 10 | The conservation genetics juggling act: integrating genetics and ecology, science and policy. <i>Evolutionary Applications</i> , 2016, 9, 181-195.   | 1.5 | 38        |
| 11 | Characterisation and vascular expression of nitric oxide synthase 3 in amphibians. <i>Cell and Tissue Research</i> , 2016, 366, 679-692.   | 1.5 | 4         |
| 12 | The Evolution of Line-1 in Vertebrates. <i>Genome Biology and Evolution</i> , 2016, 8, eww247.   | 1.1 | 54        |
| 13 | Systematic profiling of short tandem repeats in the cattle genome. <i>Genome Biology and Evolution</i> , 2016, 9, eww256.  | 1.1 | 20        |
| 14 | Mitogenome assembly from genomic multiplex libraries: comparison of strategies and novel mitogenomes for five species of frogs. <i>Molecular Ecology Resources</i> , 2016, 16, 686-693.  | 2.2 | 21        |
| 15 | Searching the Evolutionary Origin of Epithelial Mucus Protein Components—Mucins and FCGBP. <i>Molecular Biology and Evolution</i> , 2016, 33, 1921-1936.   | 3.5 | 104       |
| 16 | Distinct Viral Lineages from Fish and Amphibians Reveal the Complex Evolutionary History of Hepadnaviruses. <i>Journal of Virology</i> , 2016, 90, 7920-7933.  | 1.5 | 71        |
| 17 | Amphibians have immunoglobulins similar to ancestral IgD and IgA from Amniotes. <i>Molecular Immunology</i> , 2016, 69, 52-61.   | 1.0 | 13        |
| 18 | Genome Resequencing Identifies Unique Adaptations of Tibetan Chickens to Hypoxia and High-Dose Ultraviolet Radiation in High-Altitude Environments. <i>Genome Biology and Evolution</i> , 2016, 8, 765-776.                                      | 1.1 | 116       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Microsatellite landscape evolutionary dynamics across 450 million years of vertebrate genome evolution. <i>Genome</i> , 2016, 59, 295-310.  | 0.9  | 40        |
| 20 | High-density sex-specific linkage maps of a European tree frog ( <i>Hyla arborea</i> ) identify the sex chromosome without information on offspring sex. <i>Heredity</i> , 2016, 116, 177-181.  | 1.2  | 102       |
| 21 | AmphiBase: A new genomic resource for non-model amphibian species. <i>Genesis</i> , 2017, 55, e23010.   | 0.8  | 2         |
| 22 | 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         |
| 23 | Molecular Physiology of Freeze Tolerance in Vertebrates. <i>Physiological Reviews</i> , 2017, 97, 623-665.  | 13.1 | 154       |
| 24 | Editorial: The <i>Xenopus laevis</i> genome. <i>Developmental Biology</i> , 2017, 426, 139-142.   | 0.9  | 1         |
| 25 | Evolutionary dynamics of an expressed MHC class II <sup>β</sup> locus in the Ranidae (Anura) uncovered by genome walking and high-throughput amplicon sequencing. <i>Developmental and Comparative Immunology</i> , 2017, 76, 177-188.            | 1.0  | 10        |
| 26 | Molecular phylogeny and phylogeography of genus <i>Pseudois</i> (Bovidae, Cetartiodactyla): New insights into the contrasting phylogeographic structure. <i>Ecology and Evolution</i> , 2017, 7, 7047-7057.                                       | 0.8  | 8         |
| 27 | Evolution and Diversity of Transposable Elements in Vertebrate Genomes. <i>Genome Biology and Evolution</i> , 2017, 9, 161-177.   | 1.1  | 226       |
| 28 | Filaggrin has evolved from an S100 fused-type protein (SFTP) gene present in a common ancestor of amphibians and mammals. <i>Experimental Dermatology</i> , 2017, 26, 955-957.  | 1.4  | 14        |
| 29 | The North American bullfrog draft genome provides insight into hormonal regulation of long noncoding RNA. <i>Nature Communications</i> , 2017, 8, 1433.   | 5.8  | 86        |
| 30 | Conservatism and variability of gene expression profiles among homeologous transcription factors in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2017, 426, 301-324.  | 0.9  | 24        |
| 31 | Identifying homomorphic sex chromosomes from wild-caught adults with limited genomic resources. <i>Molecular Ecology Resources</i> , 2017, 17, 752-759.   | 2.2  | 44        |
| 32 | Identification and comparative analyses of Siamese cluster genes in <i>Xenopus laevis</i> and <i>tropicalis</i> . <i>Developmental Biology</i> , 2017, 426, 374-383.  | 0.9  | 3         |
| 33 | Toxicogenomics: new strategies for ecotoxicology studies in autochthonous species II. The 'omic' era in non-model species. Transcriptome analysis for biomarker screening. <i>International Journal of Environment and Health</i> , 2017, 8, 213. | 0.3  | 5         |
| 34 | Amphibian and Avian Karyotype Evolution: Insights from Lampbrush Chromosome Studies. <i>Genes</i> , 2017, 8, 311.   | 1.0  | 9         |
| 35 | The levels of oxidative stress and antioxidant capacity in hibernating <i>Nanorana parkeri</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 219-220, 19-27.                            | 0.8  | 26        |
| 36 | A novel approach to wildlife transcriptomics provides evidence of disease-mediated differential expression and changes to the microbiome of amphibian populations. <i>Molecular Ecology</i> , 2018, 27, 1413-1427.                                | 2.0  | 32        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | The axolotl genome and the evolution of key tissue formation regulators. <i>Nature</i> , 2018, 554, 50-55.  | 13.7 | 463       |
| 38 | Origin of new genes after zygotic genome activation in vertebrate. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 139-146.  | 1.5  | 1         |
| 39 | Comparative genome analysis of 52 fish species suggests differential associations of repetitive elements with their living aquatic environments. <i>BMC Genomics</i> , 2018, 19, 141.   | 1.2  | 89        |
| 40 | Animal personality and behavioral syndromes in amphibians: a review of the evidence, experimental approaches, and implications for conservation. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.  | 0.6  | 89        |
| 41 | Phylogenomic support for evolutionary relationships of New World direct-developing frogs (Anura: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50   | 1.2  | 74        |
| 42 | Conservation genetics and genomics of threatened vertebrates in China. <i>Journal of Genetics and Genomics</i> , 2018, 45, 593-601.   | 1.7  | 9         |
| 43 | Advancing Understanding of Amphibian Evolution, Ecology, Behavior, and Conservation with Massively Parallel Sequencing. <i>Population Genomics</i> , 2018, , 211-254.   | 0.2  | 22        |
| 44 | A rapid rate of sex-chromosome turnover and non-random transitions in true frogs. <i>Nature Communications</i> , 2018, 9, 4088.   | 5.8  | 149       |
| 45 | The annotation of repetitive elements in the genome of channel catfish ( <i>Ictalurus punctatus</i> ). <i>PLoS ONE</i> , 2018, 13, e0197371.  | 1.1  | 13        |
| 46 | Unique Composition of Intronless and Intron-Containing Type I IFNs in the Tibetan Frog <i>Nanorana parkeri</i> Provides New Evidence To Support Independent Retroposition Hypothesis for Type I IFN Genes in Amphibians. <i>Journal of Immunology</i> , 2018, 201, 3329-3342. | 0.4  | 37        |
| 47 | Species groups distributed across elevational gradients reveal convergent and continuous genetic adaptation to high elevations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10634-E10641.                            | 3.3  | 57        |
| 48 | Improving amphibian genomic resources: a multitissue reference transcriptome of an iconic invader. <i>GigaScience</i> , 2018, 7, 1-7.   | 3.3  | 23        |
| 49 | Selection and environmental adaptation along a path to speciation in the Tibetan frog <i>Nanorana parkeri</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5056-E5065.  | 3.3  | 49        |
| 50 | The first complete mitochondrial genome sequence of <i>Nanorana parkeri</i> and <i>Nanorana ventripunctata</i> (Amphibia: Anura: Dicoglossidae), with related phylogenetic analyses. <i>Ecology and Evolution</i> , 2018, 8, 6972-6987.                                       | 0.8  | 11        |
| 51 | Comparative genomic investigation of high-elevation adaptation in ectothermic snakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8406-8411.  | 3.3  | 119       |
| 52 | Draft genome assembly of the invasive cane toad, <i>Rhinella marina</i> . <i>GigaScience</i> , 2018, 7, .   | 3.3  | 60        |
| 53 | Genome-specific histories of divergence and introgression between an allopolyploid unisexual salamander lineage and two ancestral sexual species. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1689-1700.   | 1.1  | 6         |
| 54 | Tissue Specificity and Dynamics of Sex-Biased Gene Expression in a Common Frog Population with Differentiated, Yet Homomorphic, Sex Chromosomes. <i>Genes</i> , 2018, 9, 294.   | 1.0  | 24        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Clonorchis sinensis and Clonorchiasis: The Relevance of Exploring Genetic Variation. <i>Advances in Parasitology</i> , 2018, 100, 155-208.   | 1.4 | 18        |
| 56 | Kif2a Scales Meiotic Spindle Size in <i>Hymenochirus boettgeri</i> . <i>Current Biology</i> , 2019, 29, 3720-3727.e5.  | 1.8 | 22        |
| 57 | Chromosome-level assembly of the mustache toad genome using third-generation DNA sequencing and Hi-C analysis. <i>GigaScience</i> , 2019, 8, .   | 3.3 | 25        |
| 58 | Latitudinal divergence in a widespread amphibian: Contrasting patterns of neutral and adaptive genomic variation. <i>Molecular Ecology</i> , 2019, 28, 2996-3011.  | 2.0 | 30        |
| 59 | Variation in pigmentation gene expression is associated with distinct aposematic color morphs in the poison frog <i>Dendrobates auratus</i> . <i>BMC Evolutionary Biology</i> , 2019, 19, 85.  | 3.2 | 25        |
| 60 | A comprehensive reference transcriptome resource for the Iberian ribbed newt <i>Pleurodeles waltl</i> , an emerging model for developmental and regeneration biology. <i>DNA Research</i> , 2019, 26, 217-229.   | 1.5 | 45        |
| 61 | Contaminant and Environmental Influences on Thyroid Hormone Action in Amphibian Metamorphosis. <i>Frontiers in Endocrinology</i> , 2019, 10, 276.  | 1.5 | 54        |
| 62 | Inadvertent Paralog Inclusion Drives Artifactual Topologies and Timetree Estimates in Phylogenomics. <i>Molecular Biology and Evolution</i> , 2019, 36, 1344-1356.   | 3.5 | 56        |
| 63 | Genetic diversity in frogs linked to past and future climate changes on the roof of the world. <i>Journal of Animal Ecology</i> , 2019, 88, 953-963.   | 1.3 | 19        |
| 64 | Integrated mRNA and miRNA expression profile analyses reveal the potential roles of sex-biased miRNA-mRNA pairs in gonad tissues of the Chinese concave-eared torrent frog ( <i>Odorrana tormota</i> ). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2019, 332, 69-80. | 0.6 | 6         |
| 65 | Glycosaminoglycans compositional analysis of <i>Urodele axolotl</i> ( <i>Ambystoma mexicanum</i> ) and Porcine Retina. <i>Glycoconjugate Journal</i> , 2019, 36, 165-174.  | 1.4 | 6         |
| 66 | The First Transcriptome Assembly of Yenyuan Stream Salamander ( <i>Batrachuperus yenyuanensis</i> ) Provides Novel Insights into Its Molecular Evolution. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1529.   | 1.8 | 7         |
| 67 | Genotyping-by-Sequencing (GBS) of large amphibian genomes: a comparative study of two non-model species endemic to Italy. <i>Animal Biology</i> , 2019, 69, 307-326.   | 0.6 | 1         |
| 68 | Genome of <i>Spea multiplicata</i> , a Rapidly Developing, Phenotypically Plastic, and Desert-Adapted Spadefoot Toad. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3909-3919.  | 0.8 | 23        |
| 69 | Genomic and transcriptomic insights into molecular basis of sexually dimorphic nuptial spines in <i>Leptobrachium leishanense</i> . <i>Nature Communications</i> , 2019, 10, 5551.   | 5.8 | 52        |
| 70 | A reciprocal translocation radically reshapes sex-linked inheritance in the common frog. <i>Molecular Ecology</i> , 2019, 28, 1877-1889.   | 2.0 | 30        |
| 71 | Does batrachotoxin autoresistance coevolve with toxicity in <i>Phyllobates</i> poison-dart frogs?. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 390-400.   | 1.1 | 12        |
| 72 | A review of the role of parasites in the ecology of reptiles and amphibians. <i>Austral Ecology</i> , 2019, 44, 433-448.   | 0.7 | 47        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Phylogenomics of the adaptive radiation of <i>Triturus</i> newts supports gradual ecological niche expansion towards an incrementally aquatic lifestyle. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 120-127.                   | 1.2 | 38        |
| 74 | Multi-tissue transcriptomes of caecilian amphibians highlight incomplete knowledge of vertebrate gene families. <i>DNA Research</i> , 2019, 26, 13-20.  | 1.5 | 19        |
| 75 | Ion channels and signaling pathways used in the fast polyspermy block. <i>Molecular Reproduction and Development</i> , 2020, 87, 350-357.   | 1.0 | 21        |
| 76 | Developmental Systems Drift and the Drivers of Sex Chromosome Evolution. <i>Molecular Biology and Evolution</i> , 2020, 37, 799-810.  | 3.5 | 25        |
| 77 | Sympatric lineages in the <i>Mantidactylus ambreensis</i> complex of Malagasy frogs originated allopatrically rather than by in-situ speciation. <i>Molecular Phylogenetics and Evolution</i> , 2020, 144, 106700.                            | 1.2 | 12        |
| 78 | Evolutionary Dynamics of the Repetitive DNA in the Karyotypes of <i>Pipa carvalhoi</i> and <i>Xenopus tropicalis</i> (Anura, Pipidae). <i>Frontiers in Genetics</i> , 2020, 11, 637.  | 1.1 | 7         |
| 79 | Dact-4 is a <i>Xenopus laevis</i> Spemann organizer gene related to the Dapper/Frodo antagonist of $\beta$ -catenin family of proteins. <i>Gene Expression Patterns</i> , 2020, 38, 119153.   | 0.3 | 4         |
| 80 | Genomewide analysis of microsatellite markers based on sequenced database in two anuran species. <i>Journal of Genetics</i> , 2020, 99, 1.  | 0.4 | 1         |
| 81 | The roles of climate, geography and natural selection as drivers of genetic and phenotypic differentiation in a widespread amphibian <i>Hyla annectans</i> (Anura: Hylidae). <i>Molecular Ecology</i> , 2020, 29, 3667-3683.                  | 2.0 | 20        |
| 82 | Divergence, gene flow, and the origin of leapfrog geographic distributions: The history of colour pattern variation in <i>Phyllobates</i> poison dart frogs. <i>Molecular Ecology</i> , 2020, 29, 3702-3719.                                  | 2.0 | 14        |
| 83 | The Influence of Environmental Variation on the Genetic Structure of a Poison Frog Distributed Across Continuous Amazonian Rainforest. <i>Journal of Heredity</i> , 2020, 111, 457-470.   | 1.0 | 9         |
| 84 | CSA: A high-throughput chromosome-scale assembly pipeline for vertebrate genomes. <i>GigaScience</i> , 2020, 9, .   | 3.3 | 4         |
| 85 | The <i>Rhinella arenarum</i> transcriptome: de novo assembly, annotation and gene prediction. <i>Scientific Reports</i> , 2020, 10, 1053.   | 1.6 | 11        |
| 86 | The Origin and Evolution of Chromosomal Reciprocal Translocation in <i>Quasipaa boulengeri</i> (Anura). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>  | 1.1 | 4         |
| 87 | The transcriptome of the newt <i>Cynops orientalis</i> provides new insights into evolution and function of sexual gene networks in sarcopterygians. <i>Scientific Reports</i> , 2020, 10, 5445.  | 1.6 | 11        |
| 88 | Metabolic characteristics of overwintering by the high-altitude dwelling Xizang plateau frog, <i>Nanorana parkeri</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 433-444. | 0.7 | 13        |
| 89 | The rise and fall of globins in the amphibia. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100759.  | 0.4 | 4         |
| 90 | Freeze tolerance and the underlying metabolite responses in the Xizang plateau frog, <i>Nanorana parkeri</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 173-184.          | 0.7 | 12        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Small-scale population divergence is driven by local larval environment in a temperate amphibian. <i>Heredity</i> , 2021, 126, 279-292.  | 1.2 | 3         |
| 92  | High-continuity genome assembly of the jellyfish <i>Chrysaora quinquecirrha</i> . <i>Zoological Research</i> , 2021, 42, 130-134.  | 0.9 | 4         |
| 93  | The effects of drift and selection on latitudinal genetic variation in Scandinavian common toads ( <i>Bufo bufo</i> ) following postglacial recolonisation. <i>Heredity</i> , 2021, 126, 656-667.                                      | 1.2 | 11        |
| 94  | Transposable Elements and Stress in Vertebrates: An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1970.   | 1.8 | 23        |
| 96  | The Diversity and Evolution of Sex Chromosomes in Frogs. <i>Genes</i> , 2021, 12, 483.   | 1.0 | 27        |
| 97  | A bird-like genome from a frog: Mechanisms of genome size reduction in the ornate burrowing frog, <i>Platyplectrum ornatum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 26        |
| 98  | Gigantic Genomes Provide Empirical Tests of Transposable Element Dynamics Models. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 123-139.  | 3.0 | 13        |
| 99  | Pseudogenized Amelogenin Reveals Early Tooth Loss in True Toads ( <i>Anura: Bufonidae</i> ). <i>Integrative and Comparative Biology</i> , 2021, , .  | 0.9 | 2         |
| 101 | The gastrin-releasing peptide/bombesin system revisited by a reverse-evolutionary study considering <i>Xenopus</i> . <i>Scientific Reports</i> , 2021, 11, 13315.  | 1.6 | 8         |
| 102 | Concerted evolution reveals co-adapted amino acid substitutions in Na <sup>+</sup> K <sup>+</sup> -ATPase of frogs that prey on toxic toads. <i>Current Biology</i> , 2021, 31, 2530-2538.e10.   | 1.8 | 20        |
| 103 | Gene Conversion Facilitates the Adaptive Evolution of Self-Resistance in Highly Toxic Newts. <i>Molecular Biology and Evolution</i> , 2021, 38, 4077-4094.   | 3.5 | 12        |
| 104 | The Structural, Functional and Evolutionary Impact of Transposable Elements in Eukaryotes. <i>Genes</i> , 2021, 12, 918.   | 1.0 | 31        |
| 105 | The genomics of mimicry: Gene expression throughout development provides insights into convergent and divergent phenotypes in a Müllerian mimicry system. <i>Molecular Ecology</i> , 2021, 30, 4039-4061.                              | 2.0 | 20        |
| 106 | A dense linkage map for a large repetitive genome: discovery of the sex-determining region in hybridizing fire-bellied toads ( <i>Bombina bombina</i> and <i>Bombina variegata</i> ). <i>Genes, Genomes, Genetics</i> , 2021, 11, .    | 0.8 | 2         |
| 107 | Metabolic responses of plasma to extreme environments in overwintering Tibetan frogs <i>Nanorana parkeri</i> : a metabolome integrated analysis. <i>Frontiers in Zoology</i> , 2021, 18, 41.   | 0.9 | 11        |
| 108 | FrogCap: A modular sequence capture probe set for phylogenomics and population genetics for all frogs, assessed across multiple phylogenetic scales. <i>Molecular Ecology Resources</i> , 2022, 22, 1100-1119.                         | 2.2 | 17        |
| 109 | Vertebrate Genome Size and the Impact of Transposable Elements in Genome Evolution. , 2019, , 233-251.   |     | 7         |
| 116 | Species Delimitation in Herpetology. <i>Journal of Herpetology</i> , 2019, 53, 3.  | 0.2 | 102       |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 117 | A draft genome assembly of the eastern banjo frog <i>Limnodynastes dumerilii dumerilii</i> (Anura:Limnodynastidae). <i>GigaByte</i> , 0, 2020, 1-13.  | 0.0 | 8         |
| 118 | A practical guide to build <i>de-novo</i> assemblies for single tissues of non-model organisms: the example of a Neotropical frog. <i>PeerJ</i> , 2017, 5, e3702.   | 0.9 | 16        |
| 119 | Selective constraint acting on TLR2 and TLR4 genes of Japanese <i>Rana</i> frogs. <i>PeerJ</i> , 2018, 6, e4842.  | 0.9 | 7         |
| 121 | <i>De novo</i> oviduct transcriptome of the moor frog <i>Rana arvalis</i> : a quest for maternal effect candidate genes. <i>PeerJ</i> , 2018, 6, e5452.   | 0.9 | 1         |
| 127 | Genomic evidence for adaptive differentiation among <i>Microhyla fissipes</i> populations: Implications for conservation. <i>Diversity and Distributions</i> , 2022, 28, 2665-2680.                                     | 1.9 | 5         |
| 128 | Perspectives on studying molecular adaptations of amphibians in the genomic era. <i>Zoological Research</i> , 2020, 41, 351-364.  | 0.9 | 13        |
| 132 | A chromosomal level genome sequence for <i>Quasipaa spinosa</i> (Dicroglossidae) reveals chromosomal evolution and population diversity. <i>Molecular Ecology Resources</i> , 2022, 22, 1545-1558.                      | 2.2 | 3         |
| 133 | Evolutionary dynamics of <i>DIRS-like</i> and <i>Ngara-like</i> retrotransposons in <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> genomes. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .                      | 0.8 | 0         |
| 134 | Antioxidant and non-specific immune defenses in partially freeze-tolerant Xizang plateau frogs, <i>Nanorana parkeri</i> . <i>Journal of Thermal Biology</i> , 2021, 102, 103132.  | 1.1 | 5         |
| 135 | A genomic survey of LINE elements in Pipidae aquatic frogs shed light on Rex-elements evolution in these genomes. <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107393.                                     | 1.2 | 2         |
| 136 | Using Sex-Linked Markers via Genotyping-by-Sequencing to Identify XX/XY Sex Chromosomes in the Spiny Frog ( <i>Quasipaa boulengeri</i> ). <i>Genes</i> , 2022, 13, 575.   | 1.0 | 3         |
| 144 | Sequencing of laser captured Z and W chromosomes of the tocatins paradoxical frog ( <i>Pseudis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlaid Biology, 2022, 35, 1659-1674.   | 0.8 | 1         |
| 145 | Physiological and Biochemical Adaptations to High Altitude in Tibetan Frogs, <i>Nanorana parkeri</i> . <i>Frontiers in Physiology</i> , 0, 13, .  | 1.3 | 10        |
| 146 | Genome of <i>Laudakia sacra</i> Provides New Insights into High-Altitude Adaptation of Ectotherms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10081.  | 1.8 | 4         |
| 147 | Genomic Data Clarify <i>Aquarana</i> Systematics and Reveal Isolation-by-Distance Dominates Phylogeography of the Wide-Ranging Frog <i>Rana clamitans</i> . <i>Ichthyology and Herpetology</i> , 2022, 110, .           | 0.3 | 0         |
| 148 | State of the Amphibia 2020: A Review of Five Years of Amphibian Research and Existing Resources. <i>Ichthyology and Herpetology</i> , 2022, 110, .  | 0.3 | 15        |
| 149 | The highest-elevation frog provides insights into mechanisms and evolution of defenses against high UV radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 3.3 | 8         |
| 150 | Integrated analysis of transcriptome and metabolome data reveals insights for molecular mechanisms in overwintering Tibetan frogs, <i>Nanorana parkeri</i> . <i>Frontiers in Physiology</i> , 0, 13, .                  | 1.3 | 5         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 151 | Chromosome-level genome assembly of a high-altitude-adapted frog ( <i>Rana kukunoris</i> ) from the Tibetan plateau provides insight into amphibian genome evolution and adaptation. <i>Frontiers in Zoology</i> , 2023, 20, . | 0.9 | 3         |
| 152 | Is it inappropriate to ask for your age? Evaluating parameter impact on tree dating in a challenging clade (Macroscelidea). <i>Molecular Phylogenetics and Evolution</i> , 2023, 183, 107756.                                  | 1.2 | 0         |
| 154 | Bloom Filter for bioinformatics. , 2023, , 197-214.  |     | 0         |