# Ben J Evans

List of Publications by Year
in descending order



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|---|---|---|---|
| 68 papers | 2,408 citations | 218677 26 h-index | 223800 46 g-index |
| 71 all docs | 71 docs citations | 71 times ranked | 2320 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A mitochondrial DNA phylogeny of African clawed frogs: phylogeography and implications for polyploid evolution. Molecular Phylogenetics and Evolution, 2004, 33, 197-213. | 2.7 | 245 |
| 2 | Phylogenetics of Fanged Frogs:Testing Biogeographical Hypotheses at the Interface of the Asian and Australian Faunal Zones. Systematic Biology, 2003, 52, 794-819. | 5.6 | 143 |
| 3 | Phylogenetics of fanged frogs: testing biogeographical hypotheses at the interface of the asian and Australian faunal zones. Systematic Biology, 2003, 52, 794-819. | 5.6 | 120 |
| 4 | MONKEYS AND TOADS DEFINE AREAS OF ENDEMISM ON SULAWESI. Evolution; International Journal of Organic Evolution, 2003, 57, 1436-1443. | 2.3 | 102 |
| 5 | Genome evolution and speciation genetics of clawed frogs (Xenopus and Silurana). Frontiers in Bioscience - Landmark, 2008, Volume, 4687. | 3.0 | 100 |
| 6 | EVOLUTION OF THE CLOSELY RELATED, SEX-RELATED GENES DM-W AND DMRT1 IN AFRICAN CLAWED FROGS (XENOPUS). Evolution; International Journal of Organic Evolution, 2011, 65, 698-712. | 2.3 | 89 |
| 7 | Evolution of RAG-1 in Polyploid Clawed Frogs. Molecular Biology and Evolution, 2005, 22, 1193-1207. | 8.9 | 79 |
| 8 | Genetics, Morphology, Advertisement Calls, and Historical Records Distinguish Six New Polyploid Species of African Clawed Frog (Xenopus, Pipidae) from West and Central Africa. PLoS ONE, 2015, 10, e0142823. | 2.5 | 75 |
| 9 | DIVERSIFICATION OF SULAWESI MACAQUE MONKEYS: DECOUPLED EVOLUTION OF MITOCHONDRIAL AND AUTOSOMAL DNA. Evolution; International Journal of Organic Evolution, 2003, 57, 1931-1946. | 2.3 | 72 |
| 10 | Adaptive Radiation and Ecological Opportunity in Sulawesi and Philippine Fanged Frog (Limnonectes) Communities. American Naturalist, 2011, 178, 221-240. | 2.1 | 69 |
| 11 | Polyploidy in Amphibia. Cytogenetic and Genome Research, 2015, 145, 315-330. | 1.1 | 65 |
| 12 | Multiple Mechanisms Promote the Retained Expression of Gene Duplicates in the Tetraploid Frog Xenopus laevis. PLoS Genetics, 2006, 2, e56. | 3.5 | 63 |
| 13 | Ancestry Influences the Fate of Duplicated Genes Millions of Years After Polyploidization of Clawed Frogs (Xenopus). Genetics, 2007, 176, 1119-1130. | 2.9 | 59 |
| 14 | Hybridization in human evolution: Insights from other organisms. Evolutionary Anthropology, 2019, 28, 189-209. | 3.4 | 57 |
| 15 | Panâ€African phylogeography of a model organism, theÂAfrican clawed frog â€˜Xenopus laevisâ€™. Molecular Ecology, 2015, 24, 909-925. | 3.9 | 56 |
| 16 | A Novel Reproductive Mode in Frogs: A New Species of Fanged Frog with Internal Fertilization and Birth of Tadpoles. PLoS ONE, 2014, 9, e115884. | 2.5 | 54 |
| 17 | Evolution of advertisement calls in African clawed frogs. Behaviour, 2011, 148, 519-549. | 0.8 | 52 |
| 18 | Polyploidization and Sex Chromosome Evolution in Amphibians. , 2012, , 385-410. | | 52 |

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|---|---|---|---|
| 19 | The Pipid Root. Systematic Biology, 2012, 61, 913-926. | 5.6 | 49 |
| 20 | Sequential Turnovers of Sex Chromosomes in African Clawed Frogs (Xenopus) Suggest Some Genomic Regions Are Good at Sex Determination. G3: Genes, Genomes, Genetics, 2016, 6, 3625-3633. | 1.8 | 45 |
| 21 | Duplicate gene evolution and expression in the wake of vertebrate allopolyploidization. BMC Evolutionary Biology, 2008, 8, 43. | 3.2 | 43 |
| 22 | A brief review of vertebrate sex evolution with a pledge for integrative research: towards â€˜sexomicsâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200426. | 4.0 | 39 |
| 23 | The Rift Valley is a major barrier to dispersal of African clawed frogs (Xenopus) in Ethiopia. Molecular Ecology, 2011, 20, 4216-4230. | 3.9 | 38 |
| 24 | Stochastic faunal exchanges drive diversification in widespread Wallacean and Pacific island lizards (Squamata: Scincidae: Lamprolepis smaragdina). Journal of Biogeography, 2013, 40, 507-520. | 3.0 | 35 |
| 25 | MONKEYS AND TOADS DEFINE AREAS OF ENDEMISM ON SULAWESI. Evolution; International Journal of Organic Evolution, 2003, 57, 1436. | 2.3 | 34 |
| 26 | Generation, Coordination, and Evolution of Neural Circuits for Vocal Communication. Journal of Neuroscience, 2020, 40, 22-36. | 3.6 | 33 |
| 27 | A new species of clawed frog (genus Xenopus) from the Itombwe Massif, Democratic Republic of the Congo: implications for DNA barcodes and biodiversity conservation. Zootaxa, 2008, 1780, 55. | 0.5 | 32 |
| 28 | The odds of duplicate gene persistence after polyploidization. BMC Genomics, 2011, 12, 599. | 2.8 | 31 |
| 29 | A coalescent framework for comparing alternative models of population structure with genetic data: evolution of Celebes toads. Biology Letters, 2008, 4, 430-433. | 2.3 | 30 |
| 30 | Speciation over the edge: gene flow among non-human primate species across a formidable biogeographic barrier. Royal Society Open Science, 2017, 4, 170351. | 2.4 | 30 |
| 31 | A Large Pseudoautosomal Region on the Sex Chromosomes of the Frog Silurana tropicalis. Genome Biology and Evolution, 2013, 5, 1087-1098. | 2.5 | 26 |
| 32 | Developmental Systems Drift and the Drivers of Sex Chromosome Evolution. Molecular Biology and Evolution, 2020, 37, 799-810. | 8.9 | 25 |
| 33 | Xenopus fraseri: Mr. Fraser, where did your frog come from?. PLoS ONE, 2019, 14, e0220892. | 2.5 | 24 |
| 34 | A frog with three sex chromosomes that co-mingle together in nature: Xenopus tropicalis has a degenerate W and a Y that evolved from a Z chromosome. PLoS Genetics, 2020, 16, e1009121. | 3.5 | 21 |
| 35 | Evolution of the Largest Mammalian Genome. Genome Biology and Evolution, 2017, 9, 1711-1724. | 2.5 | 20 |
| 36 | Sex-Linked Inheritance in Macaque Monkeys: Implications for Effective Population Size and Dispersal to Sulawesi. Genetics, 2010, 185, 923-937. | 2.9 | 19 |

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|---|---|---|---|
| 37 | The Effect of Nonindependent Mate Pairing on the Effective Population Size. Genetics, 2013, 193, 545-556. | 2.9 | 19 |
| 38 | Multicopy gene family evolution on primate Y chromosomes. BMC Genomics, 2016, 17, 157. | 2.8 | 19 |
| 39 | Divergent Evolutionary Trajectories of Two Young, Homomorphic, and Closely Related Sex Chromosome Systems. Genome Biology and Evolution, 2018, 10, 742-755. | 2.5 | 19 |
| 40 | Mitogenomics of macaques (Macaca) across Wallace's Line in the context of modern human dispersals. Journal of Human Evolution, 2020, 146, 102852. | 2.6 | 18 |
| 41 | â€œPatchy-Tachyâ€•Leads to False Positives for Recombination. Molecular Biology and Evolution, 2011, 28, 2549-2559. | 8.9 | 17 |
| 42 | Synchronous diversification of Sulawesi's iconic artiodactyls driven by recent geological events. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172566. | 2.6 | 17 |
| 43 | Reduced Representation Genome Sequencing Suggests Low Diversity on the Sex Chromosomes of Tonkean Macaque Monkeys. Molecular Biology and Evolution, 2014, 31, 2425-2440. | 8.9 | 16 |
| 44 | Chromosome divergence during evolution of the tetraploid clawed frogs, Xenopus mellotropicalis and Xenopus epitropicalis as revealed by Zoo-FISH. PLoS ONE, 2017, 12, e0177087. | 2.5 | 16 |
| 45 | Single-Species Microarrays and Comparative Transcriptomics. PLoS ONE, 2008, 3, e3279. | 2.5 | 14 |
| 46 | Divergent subgenome evolution after allopolyploidization in African clawed frogs (Xenopus). Journal of Evolutionary Biology, 2018, 31, 1945-1958. | 1.7 | 13 |
| 47 | A novel strain of cynomolgus macaque cytomegalovirus: implications for host-virus co-evolution. BMC Genomics, 2016, 17, 277. | 2.8 | 11 |
| 48 | An enigmatic mortality event in the only population of the Critically Endangered Cameroonian frogXenopus longipes. African Journal of Herpetology, 2010, 59, 111-122. | 0.9 | 10 |
| 49 | Regulatory Evolution of a Duplicated Heterodimer Across Species and Tissues of Allopolyploid Clawed Frogs (Xenopus). Journal of Molecular Evolution, 2009, 68, 236-247. | 1.8 | 9 |
| 50 | A comparison of host-defense peptides in skin secretions of female Xenopus laevisÃ—Xenopus borealis and X. borealisÃ—X. laevis F1 hybrids. Peptides, 2013, 45, 1-8. | 2.4 | 9 |
| 51 | Probing forebrain to hindbrain circuit functions in Xenopus. Genesis, 2017, 55, e22999. | 1.6 | 9 |
| 52 | Mitonuclear interactions and introgression genomics of macaque monkeys ( Macaca ) highlight the influence of behaviour on genome evolution. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211756. | 2.6 | 9 |
| 53 | Limited genomic consequences of hybridization between two African clawed frogs, Xenopus gilli and X. laevis (Anura: Pipidae). Scientific Reports, 2017, 7, 1091. | 3.3 | 8 |
| 54 | Sex chromosome degeneration, turnover, and sex-biased expression of sex-linked transcripts in African clawed frogs ( Xenopus ). Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200095. | 4.0 | 8 |

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|---|---|---|---|
| 55 | UNDERSTANDING THE ORIGINS OF AREAS OF ENDEMISM IN PHYLOGEOGRAPHIC ANALYSES: A REPLY TO BRIDLE ET AL.. Evolution; International Journal of Organic Evolution, 2004, 58, 1397-1400. | 2.3 | 7 |
| 56 | DIVERSIFICATION OF SULAWESI MACAQUE MONKEYS: DECOUPLED EVOLUTION OF MITOCHONDRIAL AND AUTOSOMAL DNA. Evolution; International Journal of Organic Evolution, 2003, 57, 1931. | 2.3 | 6 |
| 57 | Neofunctionalization of a Noncoding Portion of a DNA Transposon in the Coding Region of the Chimerical Sex-Determining Gene dm-W in Xenopus Frogs. Molecular Biology and Evolution, 2022, 39, . | 8.9 | 6 |
| 58 | Indonesia's protected areas need more protection: suggestions from island examples. , 2007, , 53-77. | | 4 |
| 59 | Genetic Structure of Herpetofauna on Halmahera Island, Indonesia: Implications for Aketajaweâ€Lolobata National Park. Conservation Biology, 2010, 24, 553-562. | 4.7 | 4 |
| 60 | Coalescent-based analysis of demography:. , 2012, , 270-289. | | 4 |
| 61 | Molecular Polymorphism and Divergence of Duplicated Genes in Tetraploid African Clawed Frogs <b><i>(Xenopus)</i></b>. Cytogenetic and Genome Research, 2015, 145, 243-252. | 1.1 | 2 |
| 62 | Evolution of genes involved in the unusual genitals of the bear macaque, Macaca arctoides. Ecology and Evolution, 2022, 12, . | 1.9 | 2 |
| 63 | Title is missing!. , 2020, 16, e1009121. | | 0 |
| 64 | Title is missing!. , 2020, 16, e1009121. | | 0 |
| 65 | Title is missing!. , 2020, 16, e1009121. | | 0 |
| 66 | Title is missing!. , 2020, 16, e1009121. | | 0 |
| 67 | Title is missing!. , 2020, 16, e1009121. | | 0 |
| 68 | Title is missing!. , 2020, 16, e1009121. | | 0 |