Ben J Evans

List of Publications by Year
in descending order

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	Evolution of genes involved in the unusual genitals of the bear macaque, Macaca arctoides. Ecology and Evolution, 2022, 12, .	1.9	2
2	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
3	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
4	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
5	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
6	Developmental Systems Drift and the Drivers of Sex Chromosome Evolution. Molecular Biology and Evolution, 2020, 37, 799-810.	8.9	25
7	Generation, Coordination, and Evolution of Neural Circuits for Vocal Communication. Journal of Neuroscience, 2020, 40, 22-36.	3.6	33
8	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
9	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
10	Title is missing!. , 2020, 16, e1009121.		0
11	Title is missing!. , 2020, 16, e1009121.		0
12	Title is missing!. , 2020, 16, e1009121.		0
13	Title is missing!. , 2020, 16, e1009121.		0
14	Title is missing!. , 2020, 16, e1009121.		0
15	Title is missing!. , 2020, 16, e1009121.		0
16	Xenopus fraseri: Mr. Fraser, where did your frog come from?. PLoS ONE, 2019, 14, e0220892.	2.5	24
17	Hybridization in human evolution: Insights from other organisms. Evolutionary Anthropology, 2019, 28, 189-209.	3.4	57
18	Divergent Evolutionary Trajectories of Two Young, Homomorphic, and Closely Related Sex Chromosome Systems. Genome Biology and Evolution, 2018, 10, 742-755.	2.5	19

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19	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
20	Divergent subgenome evolution after allopolyploidization in African clawed frogs (Xenopus). Journal of Evolutionary Biology, 2018, 31, 1945-1958.	1.7	13
21	Probing forebrain to hindbrain circuit functions in Xenopus. Genesis, 2017, 55, e22999.	1.6	9
22	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
23	Evolution of the Largest Mammalian Genome. Genome Biology and Evolution, 2017, 9, 1711-1724.	2.5	20
24	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
25	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
26	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
27	Multicopy gene family evolution on primate Y chromosomes. BMC Genomics, 2016, 17, 157.	2.8	19
28	A novel strain of cynomolgus macaque cytomegalovirus: implications for host-virus co-evolution. BMC Genomics, 2016, 17, 277.	2.8	11
29	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
30	Polyploidy in Amphibia. Cytogenetic and Genome Research, 2015, 145, 315-330.	1.1	65
31	Panâ€African phylogeography of a model organism, theÂAfrican clawed frog â€˜Xenopus laevisâ€™. Molecular Ecology, 2015, 24, 909-925.	3.9	56
32	Molecular Polymorphism and Divergence of Duplicated Genes in Tetraploid African Clawed Frogs <i>(Xenopus)</i>. Cytogenetic and Genome Research, 2015, 145, 243-252.	1.1	2
33	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
34	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
35	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
36	The Effect of Nonindependent Mate Pairing on the Effective Population Size. Genetics, 2013, 193, 545-556.	2.9	19

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37	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
38	A Large Pseudoautosomal Region on the Sex Chromosomes of the Frog Silurana tropicalis. Genome Biology and Evolution, 2013, 5, 1087-1098.	2.5	26
39	Coalescent-based analysis of demography:. , 2012, , 270-289.		4
40	The Pipid Root. Systematic Biology, 2012, 61, 913-926.	5.6	49
41	Polyploidization and Sex Chromosome Evolution in Amphibians. , 2012, , 385-410.		52
42	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
43	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
44	Adaptive Radiation and Ecological Opportunity in Sulawesi and Philippine Fanged Frog (Limnonectes) Communities. American Naturalist, 2011, 178, 221-240.	2.1	69
45	The odds of duplicate gene persistence after polyploidization. BMC Genomics, 2011, 12, 599.	2.8	31
46	â€œPatchy-Tachyâ€•Leads to False Positives for Recombination. Molecular Biology and Evolution, 2011, 28, 2549-2559.	8.9	17
47	Evolution of advertisement calls in African clawed frogs. Behaviour, 2011, 148, 519-549.	0.8	52
48	Genetic Structure of Herpetofauna on Halmahera Island, Indonesia: Implications for Aketajaweâ€Łolobata National Park. Conservation Biology, 2010, 24, 553-562.	4.7	4
49	Sex-Linked Inheritance in Macaque Monkeys: Implications for Effective Population Size and Dispersal to Sulawesi. Genetics, 2010, 185, 923-937.	2.9	19
50	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
51	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
52	Duplicate gene evolution and expression in the wake of vertebrate allopolyploidization. BMC Evolutionary Biology, 2008, 8, 43.	3.2	43
53	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
54	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

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55	Genome evolution and speciation genetics of clawed frogs (Xenopus and Silurana). Frontiers in Bioscience - Landmark, 2008, Volume, 4687.	3.0	100
56	Single-Species Microarrays and Comparative Transcriptomics. PLoS ONE, 2008, 3, e3279.	2.5	14
57	Indonesia's protected areas need more protection: suggestions from island examples. , 2007, , 53-77.		4
58	Ancestry Influences the Fate of Duplicated Genes Millions of Years After Polyploidization of Clawed Frogs (Xenopus). Genetics, 2007, 176, 1119-1130.	2.9	59
59	Multiple Mechanisms Promote the Retained Expression of Gene Duplicates in the Tetraploid Frog Xenopus laevis. PLoS Genetics, 2006, 2, e56.	3.5	63
60	Evolution of RAG-1 in Polyploid Clawed Frogs. Molecular Biology and Evolution, 2005, 22, 1193-1207.	8.9	79
61	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
62	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
63	MONKEYS AND TOADS DEFINE AREAS OF ENDEMISM ON SULAWESI. Evolution; International Journal of Organic Evolution, 2003, 57, 1436-1443.	2.3	102
64	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
65	MONKEYS AND TOADS DEFINE AREAS OF ENDEMISM ON SULAWESI. Evolution; International Journal of Organic Evolution, 2003, 57, 1436.	2.3	34
66	DIVERSIFICATION OF SULAWESI MACAQUE MONKEYS: DECOUPLED EVOLUTION OF MITOCHONDRIAL AND AUTOSOMAL DNA. Evolution; International Journal of Organic Evolution, 2003, 57, 1931.	2.3	6
67	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
68	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