David A Ray

List of Publications by Year
in descending order

29 papers	4,333 citations	331670 21 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	6102 citing authors

#	Article	IF	Citations
1	Whole-genome analyses resolve early branches in the tree of life of modern birds. Science, 2014, 346, 1320-1331.	12.6	1,583
2	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	12.6	895
3	Three crocodilian genomes reveal ancestral patterns of evolution among archosaurs. Science, 2014, 346, 1254449.	12.6	300
4	Six reference-quality genomes reveal evolution of bat adaptations. Nature, 2020, 583, 578-584.	27.8	210
5	SINEs of a Nearly Perfect Character. Systematic Biology, 2006, 55, 928-935.	5.6	171
6	Bat Biology, Genomes, and the Bat1K Project: To Generate Chromosome-Level Genomes for All Living Bat Species. Annual Review of Animal Biosciences, 2018, 6, 23-46.	7.4	166
7	Multiple waves of recent DNA transposon activity in the bat, Myotis lucifugus. Genome Research, 2008, 18, 717-728.	5.5	154
8	Accurate Transposable Element Annotation Is Vital When Analyzing New Genome Assemblies. Genome Biology and Evolution, 2016, 8, 403-410.	2.5	107
9	Bats with hATs: Evidence for Recent DNA Transposon Activity in Genus Myotis. Molecular Biology and Evolution, 2006, 24, 632-639.	8.9	77
10	Genomic architecture of adaptive color pattern divergence and convergence in Heliconius butterflies. Genome Research, 2013, 23, 1248-1257.	5.5	72
11	Multiple Lineages of Ancient CR1 Retroposons Shaped the Early Genome Evolution of Amniotes. Genome Biology and Evolution, 2015, 7, 205-217.	2.5	62
12	Early Mesozoic Coexistence of Amniotes and Hepadnaviridae. PLoS Genetics, 2014, 10, e1004559.	3.5	61
13	Large Numbers of Novel miRNAs Originate from DNA Transposons and Are Coincident with a Large Species Radiation in Bats. Molecular Biology and Evolution, 2014, 31, 1536-1545.	8.9	60
14	SINEs of progress: Mobile element applications to molecular ecology. Molecular Ecology, 2006, 16, 19-33.	3.9	57
15	Conflicting Evolutionary Histories of the Mitochondrial and Nuclear Genomes in New World Myotis Bats. Systematic Biology, 2018, 67, 236-249.	5.6	56
16	Transposable element evolution in Heliconius suggests genome diversity within Lepidoptera. Mobile DNA, 2013, 4, 21.	3.6	48
17	A 454 sequencing approach to dipteran mitochondrial genome research. Genomics, 2015, 105, 53-60.	2.9	40
18	Largeâ€scale genome sampling reveals unique immunity and metabolic adaptations in bats. Molecular Ecology, 2021, 30, 6449-6467.	3.9	40

#	Article	IF	Citations
19	Transposable Element Targeting by piRNAs in Laurasiatherians with Distinct Transposable Element Histories. Genome Biology and Evolution, 2016, 8, 1327-1337.	2.5	30
20	True Homoplasy of Retrotransposon Insertions in Primates. Systematic Biology, 2019, 68, 482-493.	5.6	30
21	Evolution and gene capture in ancient endogenous retroviruses - insights from the crocodilian genomes. Retrovirology, 2014, 11, 71.	2.0	27
22	Comparative Genome Analyses Reveal Distinct Structure in the Saltwater Crocodile MHC. PLoS ONE, 2014, 9, e114631.	2.5	22
23	Targeted Capture of Phylogenetically Informative Ves SINE Insertions in Genus Myotis. Genome Biology and Evolution, 2015, 7, 1664-1675.	2.5	21
24	Differential SINE evolution in vesper and non-vesper bats. Mobile DNA, 2015, 6, 10.	3.6	12
25	A High-Quality Genome Assembly of the North American Song Sparrow, Melospiza melodia. G3: Genes, Genomes, Genetics, 2020, 10, 1159-1166.	1.8	8
26	SINE-Based Phylogenomics Reveal Extensive Introgression and Incomplete Lineage Sorting in Myotis. Genes, 2022, 13, 399.	2.4	8
27	Genetic structuring of northern myotis (Myotis septentrionalis) at multiple spatial scales. Acta Theriologica, 2014, 59, 223-231.	1.1	7
28	Contradictory Phylogenetic Signals in the Laurasiatheria Anomaly Zone. Genes, 2022, 13, 766.	2.4	7
29	Laboratory Methods for the Analysis of Primate Mobile Elements. Methods in Molecular Biology, 2010, 628, 153-179.	0.9	2