

# Anne D Yoder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3248648/publications.pdf>

Version: 2024-02-01

84  
papers

5,172  
citations

94433

37  
h-index

95266

68  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5536  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Estimation of Primate Speciation Dates Using Local Molecular Clocks. <i>Molecular Biology and Evolution</i> , 2000, 17, 1081-1090.   | 8.9  | 441       |
| 2  | Has Vicariance or Dispersal Been the Predominant Biogeographic Force in Madagascar? Only Time Will Tell. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 405-431.  | 8.3  | 410       |
| 3  | Comparison of Likelihood and Bayesian Methods for Estimating Divergence Times Using Multiple Gene Loci and Calibration Points, with Application to a Radiation of Cute-Looking Mouse Lemur Species. <i>Systematic Biology</i> , 2003, 52, 705-716. | 5.6  | 327       |
| 4  | Divergence dates for Malagasy lemurs estimated from multiple gene loci: geological and evolutionary context. <i>Molecular Ecology</i> , 2004, 13, 757-773.   | 3.9  | 281       |
| 5  | Single origin of Malagasy Carnivora from an African ancestor. <i>Nature</i> , 2003, 421, 734-737.  | 27.8 | 263       |
| 6  | Development and application of a phylogenomic toolkit: Resolving the evolutionary history of Madagascar's lemurs. <i>Genome Research</i> , 2008, 18, 489-499.  | 5.5  | 191       |
| 7  | Estimation of the Transition/Transversion Rate Bias and Species Sampling. <i>Journal of Molecular Evolution</i> , 1999, 48, 274-283.   | 1.8  | 186       |
| 8  | Using Phylogenomic Data to Explore the Effects of Relaxed Clocks and Calibration Strategies on Divergence Time Estimation: Primates as a Test Case. <i>Systematic Biology</i> , 2018, 67, 594-615.   | 5.6  | 143       |
| 9  | Relative position of the cheirogaleidae in strepsirhine phylogeny: A comparison of morphological and molecular methods and results. <i>American Journal of Physical Anthropology</i> , 1994, 94, 25-46.  | 2.1  | 135       |
| 10 | Delimiting Species without Nuclear Monophyly in Madagascar's Mouse Lemurs. <i>PLoS ONE</i> , 2010, 5, e9883.   | 2.5  | 133       |
| 11 | The Earth BioGenome Project 2020: Starting the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .  | 7.1  | 124       |
| 12 | Shifting ranges and conservation challenges for lemurs in the face of climate change. <i>Ecology and Evolution</i> , 2015, 5, 1131-1142.   | 1.9  | 108       |
| 13 | Species discovery and validation in a cryptic radiation of endangered primates: coalescent-based species delimitation in Madagascar's mouse lemurs. <i>Molecular Ecology</i> , 2016, 25, 2029-2045.  | 3.9  | 107       |
| 14 | Molecular Evidence of Reproductive Isolation in Sympatric Sibling Species of Mouse Lemurs. <i>International Journal of Primatology</i> , 2002, 23, 1335-1343.  | 1.9  | 93        |
| 15 | Ancient DNA from giant extinct lemurs confirms single origin of Malagasy primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5090-5095.  | 7.1  | 93        |
| 16 | What is Speciation Genomics? The roles of ecology, gene flow, and genomic architecture in the formation of species. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 561-583.   | 1.6  | 91        |
| 17 | Comparative and population mitogenomic analyses of Madagascar's extinct, giant subfossil lemurs. <i>Journal of Human Evolution</i> , 2015, 79, 45-54.  | 2.6  | 86        |
| 18 | Geogenetic patterns in mouse lemurs (genus <i>Microcebus</i> ) reveal the ghosts of Madagascar's forests past. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8049-8056.                      | 7.1  | 81        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | A necessarily complex model to explain the biogeography of the amphibians and reptiles of Madagascar. <i>Nature Communications</i> , 2014, 5, 5046.   | 12.8 | 80        |
| 20 | A multidimensional approach for detecting species patterns in Malagasy vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6587-6594.  | 7.1  | 71        |
| 21 | Concatenation and Concordance in the Reconstruction of Mouse Lemur Phylogeny: An Empirical Demonstration of the Effect of Allele Sampling in Phylogenetics. <i>Molecular Biology and Evolution</i> , 2012, 29, 1615-1630.                     | 8.9  | 71        |
| 22 | Molecular Evolutionary Characterization of a V1R Subfamily Unique to Strepsirrhine Primates. <i>Genome Biology and Evolution</i> , 2014, 6, 213-227.  | 2.5  | 71        |
| 23 | Phylogeny of the Lemuridae: Effects of Character and Taxon Sampling on Resolution of Species Relationships within Eulemur. <i>Cladistics</i> , 1999, 15, 351-361.   | 3.3  | 65        |
| 24 | Multiple nuclear loci reveal patterns of incomplete lineage sorting and complex species history within western mouse lemurs ( <i>Microcebus</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 353-367.                          | 2.7  | 63        |
| 25 | Life history profiles for 27 strepsirrhine primate taxa generated using captive data from the Duke Lemur Center. <i>Scientific Data</i> , 2014, 1, 140019.  | 5.3  | 61        |
| 26 | Warning SINEs: Alu elements, evolution of the human brain, and the spectrum of neurological disease. <i>Chromosome Research</i> , 2018, 26, 93-111.   | 2.2  | 55        |
| 27 | Climate change, predictive modeling and lemur health: Assessing impacts of changing climate on health and conservation in Madagascar. <i>Biological Conservation</i> , 2013, 157, 409-422.  | 4.1  | 54        |
| 28 | Hybrid de novo genome assembly and centromere characterization of the gray mouse lemur ( <i>Microcebus murinus</i> ). <i>BMC Biology</i> , 2017, 15, 110.   | 3.8  | 53        |
| 29 | Bamboo Specialists from Two Mammalian Orders (Primates, Carnivora) Share a High Number of Low-Abundance Gut Microbes. <i>Microbial Ecology</i> , 2018, 76, 272-284.   | 2.8  | 53        |
| 30 | Effects of anthropogenic disturbance on indri ( <i>Indri indri</i> ) health in Madagascar. <i>American Journal of Primatology</i> , 2011, 73, 632-642.  | 1.7  | 52        |
| 31 | Species delimitation in lemurs: multiple genetic loci reveal low levels of species diversity in the genus <i>Cheirogaleus</i> . <i>BMC Evolutionary Biology</i> , 2009, 9, 30.  | 3.2  | 51        |
| 32 | The <i>Alu</i> neurodegeneration hypothesis: A primate-specific mechanism for neuronal transcription noise, mitochondrial dysfunction, and a manifestation of neurodegenerative disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 828-838. | 0.8  | 51        |
| 33 | Patterns of Gut Bacterial Colonization in Three Primate Species. <i>PLoS ONE</i> , 2015, 10, e0124618.  | 2.5  | 50        |
| 34 | Implications of lemuriform extinctions for the Malagasy flora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5041-5046.   | 7.1  | 47        |
| 35 | Down for the count: <i>Cryptosporidium</i> infection depletes the gut microbiome in <i>Coquerel's</i> sifakas. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1335165.  | 3.5  | 47        |
| 36 | Extinction Risks and the Conservation of Madagascar's Reptiles. <i>PLoS ONE</i> , 2014, 9, e100173.   | 2.5  | 47        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Two New Species of Mouse Lemurs (Cheirogaleidae: <i>Microcebus</i> ) from Eastern Madagascar. <i>International Journal of Primatology</i> , 2013, 34, 455-469.   | 1.9 | 46        |
| 38 | Cryptic Patterns of Speciation in Cryptic Primates: Microendemic Mouse Lemurs and the Multispecies Coalescent. <i>Systematic Biology</i> , 2021, 70, 203-218.  | 5.6 | 42        |
| 39 | Transcriptomics in the wild: Hibernation physiology in free-ranging dwarf lemurs. <i>Molecular Ecology</i> , 2018, 27, 709-722.  | 3.9 | 39        |
| 40 | The Mutationathon highlights the importance of reaching standardization in estimates of pedigree-based germline mutation rates. <i>ELife</i> , 2022, 11, .   | 6.0 | 38        |
| 41 | The importance of scale in comparative microbiome research: New insights from the gut and glands of captive and wild lemurs. <i>American Journal of Primatology</i> , 2019, 81, e22974.                                      | 1.7 | 35        |
| 42 | Molecular Clocks without Rocks: New Solutions for Old Problems. <i>Trends in Genetics</i> , 2020, 36, 845-856.   | 6.7 | 32        |
| 43 | Pedigree-based and phylogenetic methods support surprising patterns of mutation rate and spectrum in the gray mouse lemur. <i>Heredity</i> , 2021, 127, 233-244.   | 2.6 | 30        |
| 44 | Phylogeny and biogeography of western Indian Ocean <i>Rousettus</i> (Chiroptera: Pteropodidae). <i>Journal of Mammalogy</i> , 2010, 91, 593-606.   | 1.3 | 29        |
| 45 | Blood transcriptomes reveal novel parasitic zoonoses circulating in Madagascar's lemurs. <i>Biology Letters</i> , 2016, 12, 20150829.  | 2.3 | 28        |
| 46 | Comparative Genomics of Mammalian Hibernators Using Gene Networks. <i>Integrative and Comparative Biology</i> , 2014, 54, 452-462.   | 2.0 | 26        |
| 47 | Assessing the utility of whole genome amplified <i>scDNA</i> for next-generation molecular ecology. <i>Molecular Ecology Resources</i> , 2015, 15, 1079-1090.  | 4.8 | 26        |
| 48 | The challenge and promise of estimating the de novo mutation rate from whole-genome comparisons among closely related individuals. <i>Molecular Ecology</i> , 2021, 30, 6087-6100.   | 3.9 | 26        |
| 49 | The molecular evolutionary dynamics of the vomeronasal receptor (class 1) genes in primates: a gene family on the verge of a functional breakdown. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 153.                          | 1.7 | 23        |
| 50 | Evaluating whole transcriptome amplification for gene profiling experiments using RNA-Seq. <i>BMC Biotechnology</i> , 2015, 15, 65.  | 3.3 | 23        |
| 51 | Hibernation in a primate: does sleep occur?. <i>Royal Society Open Science</i> , 2016, 3, 160282.  | 2.4 | 23        |
| 52 | Gene Expression Profiling in the Hibernating Primate, <i>Cheirogaleus Medius</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 2413-2426.   | 2.5 | 23        |
| 53 | Ecology and morphology of mouse lemurs ( <i>Microcebus</i> spp.) in a hotspot of microendemism in northeastern Madagascar, with the description of a new species. <i>American Journal of Primatology</i> , 2020, 82, e23180. | 1.7 | 22        |
| 54 | Feeding strategy shapes gut metagenomic enrichment and functional specialization in captive lemurs. <i>Gut Microbes</i> , 2018, 9, 202-217.  | 9.8 | 21        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 55 | Phylogeny of the Lemuridae: Effects of Character and Taxon Sampling on Resolution of Species Relationships within Eulemur. <i>Cladistics</i> , 1999, 15, 351-361.   | 3.3  | 19        |
| 56 | The lemur revolution starts now: The genomic coming of age for a non-model organism. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 442-452.  | 2.7  | 18        |
| 57 | Conservation genomic analysis reveals ancient introgression and declining levels of genetic diversity in Madagascar's hibernating dwarf lemurs. <i>Heredity</i> , 2020, 124, 236-251.   | 2.6  | 16        |
| 58 | Ancient DNA in Subfossil Lemurs. , 1999, , 1-17.  |      | 15        |
| 59 | Neutral Theory Is the Foundation of Conservation Genetics. <i>Molecular Biology and Evolution</i> , 2018, 35, 1322-1326.  | 8.9  | 14        |
| 60 | Comparative genomic analysis of sifakas ( <i>Propithecus</i> ) reveals selection for folivory and high heterozygosity despite endangered status. <i>Science Advances</i> , 2021, 7, .   | 10.3 | 14        |
| 61 | Genetic tests of the taxonomic status of the ring-tailed lemur ( <i>Lemur catta</i> ) from the high mountain zone of the Andringitra Massif, Madagascar. <i>Journal of Zoology</i> , 2000, 252, 1-9.  | 1.7  | 13        |
| 62 | Next-generation technologies applied to age-old challenges in Madagascar. <i>Conservation Genetics</i> , 2020, 21, 785-793.   | 1.5  | 13        |
| 63 | Latitude drives diversification in Madagascar's endemic dry forest rodent <i>Eliurus myoxinus</i> (subfamily Nesomyinae). <i>Biological Journal of the Linnean Society</i> , 2013, 110, 500-517.  | 1.6  | 12        |
| 64 | Phylogeography of the arid-adapted Malagasy bullfrog, <i>Laliostoma labrosum</i> , influenced by past connectivity and habitat stability. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 11-24.   | 2.7  | 12        |
| 65 | The effect of body mass and diet composition on torpor patterns in a Malagasy primate ( <i>Microcebus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Ove</i><br>2017, 187, 677-688.   | 1.5  | 12        |
| 66 | Comparative Genomic Analysis of the Pheromone Receptor Class 1 Family (V1R) Reveals Extreme Complexity in Mouse Lemurs (Genus, <i>Microcebus</i> ) and a Chromosomal Hotspot across Mammals. <i>Genome Biology and Evolution</i> , 2020, 12, 3562-3579. | 2.5  | 12        |
| 67 | Evolutionary and phylogenetic insights from a nuclear genome sequence of the extinct, giant, subfossil koala lemur <i>Megaladapis edwardsi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .  | 7.1  | 12        |
| 68 | Lemurs. <i>Current Biology</i> , 2007, 17, R866-R868.   | 3.9  | 11        |
| 69 | Fossils Versus Clocks. <i>Science</i> , 2013, 339, 656-658.   | 12.6 | 11        |
| 70 | Population and Conservation Genetics in an Endangered Lemur, <i>Indri indri</i> , Across Three Forest Reserves in Madagascar. <i>International Journal of Primatology</i> , 2016, 37, 688-702.  | 1.9  | 11        |
| 71 | Theme and Variations: Heterothermy in Mammals. <i>Integrative and Comparative Biology</i> , 2014, 54, 439-442.  | 2.0  | 10        |
| 72 | The challenges faced by living stock collections in the USA. <i>ELife</i> , 2017, 6, .  | 6.0  | 7         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Initiation of the Primate Genome Project. <i>Zoological Research</i> , 2022, 43, 147-149.  | 2.1 | 7         |
| 74 | Cheirogaleid diversity and evolution: big questions about small primates. , 2016, , 3-20.  |     | 6         |
| 75 | Variation in gut microbiome structure across the annual hibernation cycle in a wild primate. <i>FEMS Microbiology Ecology</i> , 2022, 98, .  | 2.7 | 6         |
| 76 | Comparative analyses of two primate species diverged by more than 60 million years show different rates but similar distribution of genome-wide UV repair events. <i>BMC Genomics</i> , 2021, 22, 600. | 2.8 | 5         |
| 77 | Gut Microbial Diversity and Ecological Specialization in Four Sympatric Lemur Species Under Lean Conditions. <i>International Journal of Primatology</i> , 2021, 42, 961-979.                          | 1.9 | 5         |
| 78 | Ancient DNA from <i>Megaladapis edwardsi</i> . <i>Folia Primatologica</i> , 2001, 72, 342-344.   | 0.7 | 4         |
| 79 | Molecules and morphology in Primate Systematics: An introduction. <i>American Journal of Physical Anthropology</i> , 1994, 94, 1-1.  | 2.1 | 2         |
| 80 | Molecular Adaptation to Folivory and the Conservation Implications for Madagascar's Lemurs. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .   | 2.2 | 2         |
| 81 | Living in tiny fragments: a glimpse at the ecology of Goodman's mouse lemurs ( <i>Microcebus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock<br>887-896.  | 1.1 | 1         |
| 82 | Applications of 3D printing in small animal magnetic resonance imaging. <i>Journal of Medical Imaging</i> , 2019, 6, 1.  | 1.5 | 1         |
| 83 | RADseq Data Suggest Occasional Hybridization between <i>Microcebus murinus</i> and <i>M. ravelobensis</i> in Northwestern Madagascar. <i>Genes</i> , 2022, 13, 913.                                    | 2.4 | 1         |
| 84 | The Biogeography of Madagascar: Where to Turn when the Fossils aren't there. <i>The Paleontological Society Papers</i> , 2005, 11, 129-140.  | 0.6 | 0         |