Anne D Yoder

List of Publications by Year
in descending order

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	The Mutationathon highlights the importance of reaching standardization in estimates of pedigree-based germline mutation rates. ELife, 2022, 11, .	6.0	38
2	The Earth BioGenome Project 2020: Starting the clock. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	124
3	Initiation of the Primate Genome Project. Zoological Research, 2022, 43, 147-149.	2.1	7
4	RADseq Data Suggest Occasional Hybridization between Microcebus murinus and M. ravelobensis in Northwestern Madagascar. Genes, 2022, 13, 913.	2.4	1
5	Variation in gut microbiome structure across the annual hibernation cycle in a wild primate. FEMS Microbiology Ecology, 2022, 98, .	2.7	6
6	Cryptic Patterns of Speciation in Cryptic Primates: Microendemic Mouse Lemurs and the Multispecies Coalescent. Systematic Biology, 2021, 70, 203-218.	5.6	42
7	Comparative genomic analysis of sifakas (Propithecus) reveals selection for folivory and high heterozygosity despite endangered status. Science Advances, 2021, 7, .	10.3	14
8	The challenge and promise of estimating the de novo mutation rate from wholeâ€genome comparisons among closely related individuals. Molecular Ecology, 2021, 30, 6087-6100.	3.9	26
9	Evolutionary and phylogenetic insights from a nuclear genome sequence of the extinct, giant, â€œsubfossilâ€koala lemurMegaladapis edwardsi. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
10	Pedigree-based and phylogenetic methods support surprising patterns of mutation rate and spectrum in the gray mouse lemur. Heredity, 2021, 127, 233-244.	2.6	30
11	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. BMC Genomics, 2021, 22, 600.	2.8	5
12	Living in tiny fragments: a glimpse at the ecology of Goodmanâ€™s mouse lemurs (Microcebus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 887-896.	1.1	1
13	Molecular Adaptation to Folivory and the Conservation Implications for Madagascarâ€™s Lemurs. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	2
14	Gut Microbial Diversity and Ecological Specialization in Four Sympatric Lemur Species Under Lean Conditions. International Journal of Primatology, 2021, 42, 961-979.	1.9	5
15	Comparative Genomic Analysis of the Pheromone Receptor Class 1 Family (V1R) Reveals Extreme Complexity in Mouse Lemurs (Genus, Microcebus) and a Chromosomal Hotspot across Mammals. Genome Biology and Evolution, 2020, 12, 3562-3579.	2.5	12
16	Conservation genomic analysis reveals ancient introgression and declining levels of genetic diversity in Madagascarâ€™s hibernating dwarf lemurs. Heredity, 2020, 124, 236-251.	2.6	16
17	Molecular Clocks without Rocks: New Solutions for Old Problems. Trends in Genetics, 2020, 36, 845-856.	6.7	32
18	Ecology and morphology of mouse lemurs (Microcebusspp.) in a hotspot of microendemism in northeastern Madagascar, with the description of a new species. American Journal of Primatology, 2020, 82, e23180.	1.7	22

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19	Next-generation technologies applied to age-old challenges in Madagascar. Conservation Genetics, 2020, 21, 785-793.	1.5	13
20	The importance of scale in comparative microbiome research: New insights from the gut and glands of captive and wild lemurs. American Journal of Primatology, 2019, 81, e22974.	1.7	35
21	Applications of 3D printing in small animal magnetic resonance imaging. Journal of Medical Imaging, 2019, 6, 1.	1.5	1
22	Warning SINEs: Alu elements, evolution of the human brain, and the spectrum of neurological disease. Chromosome Research, 2018, 26, 93-111.	2.2	55
23	Neutral Theory Is the Foundation of Conservation Genetics. Molecular Biology and Evolution, 2018, 35, 1322-1326.	8.9	14
24	Transcriptomics in the wild: Hibernation physiology in freeâ€ranging dwarf lemurs. Molecular Ecology, 2018, 27, 709-722.	3.9	39
25	Using Phylogenomic Data to Explore the Effects of Relaxed Clocks and Calibration Strategies on Divergence Time Estimation: Primates as a Test Case. Systematic Biology, 2018, 67, 594-615.	5.6	143
26	Feeding strategy shapes gut metagenomic enrichment and functional specialization in captive lemurs. Gut Microbes, 2018, 9, 202-217.	9.8	21
27	Bamboo Specialists from Two Mammalian Orders (Primates, Carnivora) Share a High Number of Low-Abundance Gut Microbes. Microbial Ecology, 2018, 76, 272-284.	2.8	53
28	What is Speciation Genomics? The roles of ecology, gene flow, and genomic architecture in the formation of species. Biological Journal of the Linnean Society, 2018, 124, 561-583.	1.6	91
29	The Alu neurodegeneration hypothesis: A primateâ€specific mechanism for neuronal transcription noise, mitochondrial dysfunction, andÂmanifestation of neurodegenerative disease. Alzheimer's and Dementia, 2017, 13, 828-838.	0.8	51
30	The effect of body mass and diet composition on torpor patterns in a Malagasy primate (Microcebus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2017, 187, 677-688.	1.5	12
31	Down for the count: Cryptosporidium infection depletes the gut microbiome in Coquerelâ€™s sifakas. Microbial Ecology in Health and Disease, 2017, 28, 1335165.	3.5	47
32	Hybrid de novo genome assembly and centromere characterization of the gray mouse lemur (Microcebus murinus). BMC Biology, 2017, 15, 110.	3.8	53
33	The challenges faced by living stock collections in the USA. ELife, 2017, 6, .	6.0	7
34	Species discovery and validation in a cryptic radiation of endangered primates: coalescentâ€based species delimitation in <scp>M</scp>adagascar's mouse lemurs. Molecular Ecology, 2016, 25, 2029-2045.	3.9	107
35	Population and Conservation Genetics in an Endangered Lemur, Indri indri, Across Three Forest Reserves in Madagascar. International Journal of Primatology, 2016, 37, 688-702.	1.9	11
36	Cheirogaleid diversity and evolution: big questions about small primates. , 2016, , 3-20.		6

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37	Implications of lemuriform extinctions for the Malagasy flora. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5041-5046.	7.1	47
38	Hibernation in a primate: does sleep occur?. Royal Society Open Science, 2016, 3, 160282.	2.4	23
39	Gene Expression Profiling in the Hibernating Primate,Cheirogaleus Medius. Genome Biology and Evolution, 2016, 8, 2413-2426.	2.5	23
40	Geogenetic patterns in mouse lemurs (genus Microcebus) reveal the ghosts of Madagascar's forests past. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8049-8056.	7.1	81
41	Blood transcriptomes reveal novel parasitic zoonoses circulating in Madagascar's lemurs. Biology Letters, 2016, 12, 20150829.	2.3	28
42	Patterns of Gut Bacterial Colonization in Three Primate Species. PLoS ONE, 2015, 10, e0124618.	2.5	50
43	Shifting ranges and conservation challenges for lemurs in the face of climate change. Ecology and Evolution, 2015, 5, 1131-1142.	1.9	108
44	Assessing the utility of whole genome amplified <scp>DNA</scp> for nextâ€generation molecular ecology. Molecular Ecology Resources, 2015, 15, 1079-1090.	4.8	26
45	Comparative and population mitogenomic analyses of Madagascar's extinct, giant â€˜subfossilâ€™ lemurs. Journal of Human Evolution, 2015, 79, 45-54.	2.6	86
46	Phylogeography of the arid-adapted Malagasy bullfrog, Laliostoma labrosum, influenced by past connectivity and habitat stability. Molecular Phylogenetics and Evolution, 2015, 92, 11-24.	2.7	12
47	Evaluating whole transcriptome amplification for gene profiling experiments using RNA-Seq. BMC Biotechnology, 2015, 15, 65.	3.3	23
48	The molecular evolutionary dynamics of the vomeronasal receptor (class 1) genes in primates: a gene family on the verge of a functional breakdown. Frontiers in Neuroanatomy, 2014, 8, 153.	1.7	23
49	Molecular Evolutionary Characterization of a V1R Subfamily Unique to Strepsirrhine Primates. Genome Biology and Evolution, 2014, 6, 213-227.	2.5	71
50	A necessarily complex model to explain the biogeography of the amphibians and reptiles of Madagascar. Nature Communications, 2014, 5, 5046.	12.8	80
51	Theme and Variations: Heterothermy in Mammals. Integrative and Comparative Biology, 2014, 54, 439-442.	2.0	10
52	Comparative Genomics of Mammalian Hibernators Using Gene Networks. Integrative and Comparative Biology, 2014, 54, 452-462.	2.0	26
53	Life history profiles for 27 strepsirrhine primate taxa generated using captive data from the Duke Lemur Center. Scientific Data, 2014, 1, 140019.	5.3	61
54	Extinction Risks and the Conservation of Madagascar's Reptiles. PLoS ONE, 2014, 9, e100173.	2.5	47

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55	Latitude drives diversification in Madagascar's endemic dry forest rodentEliurus myoxinus(subfamily Nesomyinae). Biological Journal of the Linnean Society, 2013, 110, 500-517.	1.6	12
56	The lemur revolution starts now: The genomic coming of age for a non-model organism. Molecular Phylogenetics and Evolution, 2013, 66, 442-452.	2.7	18
57	Climate change, predictive modeling and lemur health: Assessing impacts of changing climate on health and conservation in Madagascar. Biological Conservation, 2013, 157, 409-422.	4.1	54
58	Fossils Versus Clocks. Science, 2013, 339, 656-658.	12.6	11
59	Two New Species of Mouse Lemurs (Cheirogaleidae: Microcebus) from Eastern Madagascar. International Journal of Primatology, 2013, 34, 455-469.	1.9	46
60	Concatenation and Concordance in the Reconstruction of Mouse Lemur Phylogeny: An Empirical Demonstration of the Effect of Allele Sampling in Phylogenetics. Molecular Biology and Evolution, 2012, 29, 1615-1630.	8.9	71
61	Effects of anthropogenic disturbance on indri (Indri indri) health in Madagascar. American Journal of Primatology, 2011, 73, 632-642.	1.7	52
62	Delimiting Species without Nuclear Monophyly in Madagascar's Mouse Lemurs. PLoS ONE, 2010, 5, e9883.	2.5	133
63	Phylogeny and biogeography of western Indian OceanRousettus(Chiroptera: Pteropodidae). Journal of Mammalogy, 2010, 91, 593-606.	1.3	29
64	Species delimitation in lemurs: multiple genetic loci reveal low levels of species diversity in the genus Cheirogaleus. BMC Evolutionary Biology, 2009, 9, 30.	3.2	51
65	Development and application of a phylogenomic toolkit: Resolving the evolutionary history of Madagascarâ€™s lemurs. Genome Research, 2008, 18, 489-499.	5.5	191
66	Multiple nuclear loci reveal patterns of incomplete lineage sorting and complex species history within western mouse lemurs (Microcebus). Molecular Phylogenetics and Evolution, 2007, 43, 353-367.	2.7	63
67	Lemurs. Current Biology, 2007, 17, R866-R868.	3.9	11
68	Has Vicariance or Dispersal Been the Predominant Biogeographic Force in Madagascar? Only Time Will Tell. Annual Review of Ecology, Evolution, and Systematics, 2006, 37, 405-431.	8.3	410
69	The Biogeography of Madagascar: Where to Turn when the Fossils aren't there. The Paleontological Society Papers, 2005, 11, 129-140.	0.6	0
70	Ancient DNA from giant extinct lemurs confirms single origin of Malagasy primates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5090-5095.	7.1	93
71	A multidimensional approach for detecting species patterns in Malagasy vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6587-6594.	7.1	71
72	Divergence dates for Malagasy lemurs estimated from multiple gene loci: geological and evolutionary context. Molecular Ecology, 2004, 13, 757-773.	3.9	281

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73	Single origin of Malagasy Carnivora from an African ancestor. Nature, 2003, 421, 734-737.	27.8	263
74	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. Systematic Biology, 2003, 52, 705-716.	5.6	327
75	Molecular Evidence of Reproductive Isolation in Sympatric Sibling Species of Mouse Lemurs. International Journal of Primatology, 2002, 23, 1335-1343.	1.9	93
76	Ancient DNA from Megaladapis edwardsi. Folia Primatologica, 2001, 72, 342-344.	0.7	4
77	Estimation of Primate Speciation Dates Using Local Molecular Clocks. Molecular Biology and Evolution, 2000, 17, 1081-1090.	8.9	441
78	Genetic tests of the taxonomic status of the ring-tailed lemur (Lemur catta) from the high mountain zone of the Andringitra Massif, Madagascar. Journal of Zoology, 2000, 252, 1-9.	1.7	13
79	Ancient DNA in Subfossil Lemurs. , 1999, , 1-17.		15
80	Phylogeny of the Lemuridae: Effects of Character and Taxon Sampling on Resolution of Species Relationships within Eulemur. Cladistics, 1999, 15, 351-361.	3.3	65
81	Estimation of the Transition/Transversion Rate Bias and Species Sampling. Journal of Molecular Evolution, 1999, 48, 274-283.	1.8	186
82	Phylogeny of the Lemuridae: Effects of Character and Taxon Sampling on Resolution of Species Relationships within Eulemur. Cladistics, 1999, 15, 351-361.	3.3	19
83	Molecules and morphology in Primate Systematics: An introduction. American Journal of Physical Anthropology, 1994, 94, 1-1.	2.1	2
84	Relative position of the cheirogaleidae in strepsirhine phylogeny: A comparison of morphological and molecular methods and results. American Journal of Physical Anthropology, 1994, 94, 25-46.	2.1	135