

Muthuswamy Raveendran

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,293
citations

471509

17
h-index

414414

32
g-index

49
all docs

49
docs citations

49
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	The comparative genomics and complex population history of <i>Papio</i> baboons. <i>Science Advances</i> , 2019, 5, eaau6947.	10.3	115
2	Sequence diversity analyses of an improved rhesus macaque genome enhance its biomedical utility. <i>Science</i> , 2020, 370, .	12.6	105
3	The population genomics of rhesus macaques (<i>Macaca mulatta</i>) based on whole-genome sequences. <i>Genome Research</i> , 2016, 26, 1651-1662.	5.5	101
4	Reproductive Longevity Predicts Mutation Rates in Primates. <i>Current Biology</i> , 2018, 28, 3193-3197.e5.	3.9	94
5	Intergenerational neural mediators of early-life anxious temperament. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9118-9122.	7.1	90
6	Sooty mangabey genome sequence provides insight into AIDS resistance in a natural SIV host. <i>Nature</i> , 2018, 553, 77-81.	27.8	81
7	A nonhuman primate model of inherited retinal disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 863-874.	8.2	78
8	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. <i>PLoS Biology</i> , 2020, 18, e3000954.	5.6	73
9	Tissue-specific transcriptome sequencing analysis expands the non-human primate reference transcriptome resource (NHPRT). <i>Nucleic Acids Research</i> , 2015, 43, D737-D742.	14.5	61
10	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
11	Cigarette suppresses the expression of P4H β and vascular collagen production. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 592-598.	2.1	49
12	Endogenous nitric oxide activation protects against cigarette smoking induced apoptosis in endothelial cells. <i>FEBS Letters</i> , 2005, 579, 733-740.	2.8	49
13	Paternal age in rhesus macaques is positively associated with germline mutation accumulation but not with measures of offspring sociability. <i>Genome Research</i> , 2020, 30, 826-834.	5.5	48
14	Characterization of single-nucleotide variation in Indian-origin rhesus macaques (<i>Macaca mulatta</i>). <i>BMC Genomics</i> , 2011, 12, 311.	2.8	30
15	Whole genome sequencing of SIV-infected macaques identifies candidate loci that may contribute to host control of virus replication. <i>Genome Biology</i> , 2014, 15, 478.	8.8	30
16	Improved full-length killer cell immunoglobulin-like receptor transcript discovery in Mauritian cynomolgus macaques. <i>Immunogenetics</i> , 2017, 69, 325-339.	2.4	25
17	Neuropeptide S receptor 1 is a nonhormonal treatment target in endometriosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	23
18	De novo Mutations in Domestic Cat are Consistent with an Effect of Reproductive Longevity on Both the Rate and Spectrum of Mutations. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	22

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19	Unusual sequence characteristics of human chromosome 19 are conserved across 11 nonhuman primates. <i>BMC Evolutionary Biology</i> , 2020, 20, 33.	3.2	18
20	Mismatch repair gene mutations lead to lynch syndrome colorectal cancer in rhesus macaques. <i>Genes and Cancer</i> , 2018, 9, 142-152.	1.9	18
21	MHC genotyping from rhesus macaque exome sequences. <i>Immunogenetics</i> , 2019, 71, 531-544.	2.4	16
22	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
23	Heritability of social behavioral phenotypes and preliminary associations with autism spectrum disorder risk genes in rhesus macaques: A whole exome sequencing study. <i>Autism Research</i> , 2022, 15, 447-463.	3.8	14
24	Alu Insertion Polymorphisms as Evidence for Population Structure in Baboons. <i>Genome Biology and Evolution</i> , 2017, 9, 2418-2427.	2.5	13
25	Infant inhibited temperament in primates predicts adult behavior, is heritable, and is associated with anxiety-relevant genetic variation. <i>Molecular Psychiatry</i> , 2021, 26, 6609-6618.	7.9	13
26	Origins and Long-Term Patterns of Copy-Number Variation in Rhesus Macaques. <i>Molecular Biology and Evolution</i> , 2021, 38, 1460-1471.	8.9	11
27	Copy number variants and fixed duplications among 198 rhesus macaques (<i>Macaca mulatta</i>). <i>PLoS Genetics</i> , 2020, 16, e1008742.	3.5	10
28	MLH1-rheMac hereditary nonpolyposis colorectal cancer syndrome in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2806-2811.	7.1	9
29	Comparative molecular genomic analyses of a spontaneous rhesus macaque model of mismatch repair-deficient colorectal cancer. <i>PLoS Genetics</i> , 2022, 18, e1010163.	3.5	8
30	Reduced meiotic recombination in rhesus macaques and the origin of the human recombination landscape. <i>PLoS ONE</i> , 2020, 15, e0236285.	2.5	7
31	Variation in predicted COVID-19 risk among lemurs and lorises. <i>American Journal of Primatology</i> , 2021, 83, e23255.	1.7	7
32	Pedigree reconstruction and distant pairwise relatedness estimation from genome sequence data: A demonstration in a population of rhesus macaques (<i>Macaca mulatta</i>). <i>Molecular Ecology Resources</i> , 2021, 21, 1333-1346.	4.8	3
33	Spontaneous Spongiform Brainstem Degeneration in a Young Mouse Lemur (<i>Microcebus murinus</i>) with Conspicuous Behavioral, Motor, Growth, and Ocular Pathologies. <i>Comparative Medicine</i> , 2018, 68, 489-495.	1.0	2
34	Clinical presentation, treatment, and genetic and histopathological analysis of juvenile cataracts and secondary glaucoma in a rhesus macaque (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2022, 51, 119-123.	0.6	1
35	Candidate Loci Associated with AIDS Virus Replication Identified by Whole Genome Sequencing of SIV-Infected Macaques. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A41-A41.	1.1	0
36	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. , 2020, 18, e3000954.		0

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37	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. , 2020, 18, e3000954.		0
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39	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. , 2020, 18, e3000954.		0
40	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. , 2020, 18, e3000954.		0
41	Primate phylogenomics uncovers multiple rapid radiations and ancient interspecific introgression. , 2020, 18, e3000954.		0
42	Title is missing!. , 2020, 15, e0236285.		0
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44	Title is missing!. , 2020, 15, e0236285.		0
45	Title is missing!. , 2020, 15, e0236285.		0