

Betsy Ferguson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5742129/publications.pdf>

Version: 2024-02-01

24
papers

2,793
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

3981
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary and Biomedical Insights from the Rhesus Macaque Genome. <i>Science</i> , 2007, 316, 222-234.	12.6	1,283
2	Xâ€linked anhidrotic (hypohidrotic) ectodermal dysplasia is caused by mutation in a novel transmembrane protein. <i>Nature Genetics</i> , 1996, 13, 409-416.	21.4	691
3	A new rhesus macaque assembly and annotation for next-generation sequencing analyses. <i>Biology Direct</i> , 2014, 9, 20.	4.6	165
4	Sequence diversity analyses of an improved rhesus macaque genome enhance its biomedical utility. <i>Science</i> , 2020, 370, .	12.6	105
5	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
6	Single nucleotide polymorphisms (SNPs) distinguish Indian-origin and Chinese-origin rhesus macaques (<i>Macaca mulatta</i>). <i>BMC Genomics</i> , 2007, 8, 43.	2.8	87
7	MAOA expression predicts vulnerability for alcohol use. <i>Molecular Psychiatry</i> , 2016, 21, 472-479.	7.9	38
8	Alcohol-dose-dependent DNA methylation and expression in the nucleus accumbens identifies coordinated regulation of synaptic genes. <i>Translational Psychiatry</i> , 2017, 7, e994-e994.	4.8	36
9	Bardet-Biedl Syndrome in rhesus macaques: A nonhuman primate model of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2019, 189, 107825.	2.6	35
10	Genome-wide analysis of the nucleus accumbens identifies DNA methylation signals differentiating low/binge from heavy alcohol drinking. <i>Alcohol</i> , 2017, 60, 103-113.	1.7	30
11	Discovery of a CLN7 model of Batten disease in non-human primates. <i>Neurobiology of Disease</i> , 2018, 119, 65-78.	4.4	29
12	Whole genome sequencing predicts novel human disease models in rhesus macaques. <i>Genomics</i> , 2017, 109, 214-220.	2.9	28
13	Analysis of 100 high-coverage genomes from a pedigreed captive baboon colony. <i>Genome Research</i> , 2019, 29, 848-856.	5.5	27
14	mGAP: the macaque genotype and phenotype resource, a framework for accessing and interpreting macaque variant data, and identifying new models of human disease. <i>BMC Genomics</i> , 2019, 20, 176.	2.8	26
15	Development and validation of a SNPâ€based assay for inferring the genetic ancestry of rhesus macaques (<i>Macaca mulatta</i>). <i>American Journal of Primatology</i> , 2014, 76, 1105-1113.	1.7	23
16	Allogeneic stem cell transplantation in fully MHC-matched Mauritian cynomolgus macaques recapitulates diverse human clinical outcomes. <i>Nature Communications</i> , 2017, 8, 1418.	12.8	22
17	Immunopathology of Japanese macaque encephalomyelitis is similar to multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2016, 291, 1-10.	2.3	15
18	Modulation of Gpr39, a G-protein coupled receptor associated with alcohol use in non-human primates, curbs ethanol intake in mice. <i>Neuropsychopharmacology</i> , 2019, 44, 1103-1113.	5.4	15

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19	Genetic load is associated with hypothalamicâ€“pituitaryâ€“adrenal axis dysregulation inÂmacaques. <i>Genes, Brain and Behavior</i> , 2012, 11, 949-957.	2.2	10
20	Whole-genome characterization in pedigreed non-human primates using genotyping-by-sequencing (GBS) and imputation. <i>BMC Genomics</i> , 2016, 17, 676.	2.8	9
21	Spontaneous <i>KRT5</i> Gene Mutation in Rhesus Macaques (<i>Macaca mulatta</i>): A Novel Nonhuman Primate Model of Epidermolysis Bullosa Simplex. <i>Veterinary Pathology</i> , 2020, 57, 344-348.	1.7	6
22	A novel non-human primate model of Pelizaeus-Merzbacher disease. <i>Neurobiology of Disease</i> , 2021, 158, 105465.	4.4	6
23	Myelinâ€“specific T cells in animals with Japanese macaque encephalomyelitis. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 456-470.	3.7	5
24	Neurobeachin, a promising target for use in the treatment of alcohol use disorder. <i>Addiction Biology</i> , 2022, 27, e13107.	2.6	0