

Yu Kang

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,610
citations

13
h-index

22
g-index

22
ext. papers

2,001
ext. citations

17.2
avg, IF

3.66
L-index

#	Paper	IF	Citations
22	Generation of gene-modified cynomolgus monkey via Cas9/RNA-mediated gene targeting in one-cell embryos. <i>Cell</i> , 2014 , 156, 836-43	56.2	764
21	Functional disruption of the dystrophin gene in rhesus monkey using CRISPR/Cas9. <i>Human Molecular Genetics</i> , 2015 , 24, 3764-74	5.6	163
20	TALEN-mediated gene mutagenesis in rhesus and cynomolgus monkeys. <i>Cell Stem Cell</i> , 2014 , 14, 323-328	15.5	155
19	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. <i>Cell</i> , 2017 , 169, 945-955.e10	56.2	101
18	Generation of Cynomolgus Monkey Chimeric Fetuses using Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2015 , 17, 116-24	18	84
17	Early Parkinsons disease symptoms in α -Synuclein transgenic monkeys. <i>Human Molecular Genetics</i> , 2015 , 24, 2308-17	5.6	66
16	Dissecting primate early post-implantation development using long-term in vitro embryo culture. <i>Science</i> , 2019 , 366,	33.3	65
15	CRISPR/Cas9-mediated Dax1 knockout in the monkey recapitulates human AHC-HH. <i>Human Molecular Genetics</i> , 2015 , 24, 7255-64	5.6	64
14	CRISPR/Cas9-mediated genome editing in nonhuman primates. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	30
13	De novo DNA methylation during monkey pre-implantation embryogenesis. <i>Cell Research</i> , 2017 , 27, 526-539	24.7	29
12	Chimeric contribution of human extended pluripotent stem cells to monkey embryos ex vivo. <i>Cell</i> , 2021 , 184, 2020-2032.e14	56.2	26
11	Generation of a Hutchinson-Gilford progeria syndrome monkey model by base editing. <i>Protein and Cell</i> , 2020 , 11, 809-824	7.2	18
10	Improving Cell Survival in Injected Embryos Allows Primed Pluripotent Stem Cells to Generate Chimeric Cynomolgus Monkeys. <i>Cell Reports</i> , 2018 , 25, 2563-2576.e9	10.6	14
9	Amnion signals are essential for mesoderm formation in primates. <i>Nature Communications</i> , 2021 , 12, 5126	17.4	9
8	Rhesus monkey model of liver disease reflecting clinical disease progression and hepatic gene expression analysis. <i>Scientific Reports</i> , 2015 , 5, 15019	4.9	6
7	Amnion signals are essential for mesoderm formation in primates		5
6	Gene Delivery to Nonhuman Primate Preimplantation Embryos Using Recombinant Adeno-Associated Virus. <i>Advanced Science</i> , 2019 , 6, 1900440	13.6	4

5	Homologous recombination-mediated targeted integration in monkey embryos using TALE nucleases. <i>BMC Biotechnology</i> , 2019 , 19, 7	3.5	4
4	Analysis of developmental imprinting dynamics in primates using SNP-free methods to identify imprinting defects in cloned placentas. <i>Developmental Cell</i> , 2021 , 56, 2826-2840.e7	10.2	2
3	Transabdominal ultrasound-guided multifetal pregnancy reduction in 10 cases of monkeys. <i>Biology of Reproduction</i> , 2017 , 97, 758-761	3.9	1
2	as a key gene drives the early primate telencephalon development.. <i>Science Advances</i> , 2022 , 8, eabl7263	14.3	0
1	Interspecies embryo transfer between rhesus and cynomolgus monkeys. <i>Journal of Genetics and Genomics</i> , 2020 , 47, 333-336	4	