Yu Kang

List of Publications by Year
in descending order

21 papers	2,248 citations	623574 14 h-index	752573 20 g-index
22 all docs	22 docs citations	22 times ranked	2760 citing authors

#	Article	IF	Citations
1	Generation of Gene-Modified Cynomolgus Monkey via Cas9/RNA-Mediated Gene Targeting in One-Cell Embryos. Cell, 2014, 156, 836-843.	13.5	930
2	Functional disruption of the dystrophin gene in rhesus monkey using CRISPR/Cas9. Human Molecular Genetics, 2015, 24, 3764-3774.	1.4	209
3	TALEN-Mediated Gene Mutagenesis in Rhesus and Cynomolgus Monkeys. Cell Stem Cell, 2014, 14, 323-328.	5.2	180
4	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. Cell, 2017, 169, 945-955.e10.	13.5	158
5	Dissecting primate early post-implantation development using long-term in vitro embryo culture. Science, 2019, 366, .	6.0	137
6	Generation of Cynomolgus Monkey Chimeric Fetuses using Embryonic Stem Cells. Cell Stem Cell, 2015, 17, 116-124.	5.2	109
7	Chimeric contribution of human extended pluripotent stem cells to monkey embryos exÂvivo. Cell, 2021, 184, 2020-2032.e14.	13.5	85
8	Early Parkinson's disease symptoms in Â-synuclein transgenic monkeys. Human Molecular Genetics, 2015, 24, 2308-2317.	1.4	82
9	CRISPR/Cas9-mediated<i>Dax1</i>knockout in the monkey recapitulates human AHC-HH. Human Molecular Genetics, 2015, 24, 7255-7264.	1.4	71
10	De novo DNA methylation during monkey pre-implantation embryogenesis. Cell Research, 2017, 27, 526-539.	5.7	61
11	Amnion signals are essential for mesoderm formation in primates. Nature Communications, 2021, 12, 5126.	5.8	59
12	Generation of a Hutchinsonâ€"Gilford progeria syndrome monkey model by base editing. Protein and Cell, 2020, 11, 809-824.	4.8	46
13	CRISPR/Cas9-mediated genome editing in nonhuman primates. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	43
14	Improving Cell Survival in Injected Embryos Allows Primed Pluripotent Stem Cells to Generate Chimeric Cynomolgus Monkeys. Cell Reports, 2018, 25, 2563-2576.e9.	2.9	22
15	Rhesus monkey model of liver disease reflecting clinical disease progression and hepatic gene expression analysis. Scientific Reports, 2015, 5, 15019.	1.6	16
16	Analysis of developmental imprinting dynamics in primates using SNP-free methods to identify imprinting defects in cloned placenta. Developmental Cell, 2021, 56, 2826-2840.e7.	3.1	12
17	Homologous recombination-mediated targeted integration in monkey embryos using TALE nucleases. BMC Biotechnology, 2019, 19, 7.	1.7	8
18	Gene Delivery to Nonhuman Primate Preimplantation Embryos Using Recombinant Adenoâ€Associated Virus. Advanced Science, 2019, 6, 1900440.	5.6	7

#	Article	IF	Citations
19	*BRN2* as a key gene drives the early primate telencephalon development. Science Advances, 2022, 8, eabl7263.	4.7	3
20	Transabdominal ultrasound-guided multifetal pregnancy reduction in 10 cases of monkeysâ€. Biology of Reproduction, 2017, 97, 758-761.	1.2	1
21	Interspecies embryo transfer between rhesus and cynomolgus monkeys. Journal of Genetics and Genomics, 2020, 47, 333-336.	1.7	0