Kyoungmi Kim

List of Publications by Citations

24 papers	1,609 citations	15 h-index	27 g-index
27 ext. papers	2,000 ext. citations	13.6 avg, IF	4.6 L-index

#	Paper	IF	Citations
24	In vivo genome editing with a small Cas9 orthologue derived from Campylobacter jejuni. *Nature Communications*, **2017**, 8, 14500	17.4	368
23	Highly efficient RNA-guided base editing in mouse embryos. *Nature Biotechnology*, **2017**, 35, 435-437	44.5	269
22	Adenine base editing in mouse embryos and an adult mouse model of Duchenne muscular dystrophy. *Nature Biotechnology*, **2018**, 36, 536-539	44.5	238
21	Genome-wide target specificities of CRISPR RNA-guided programmable deaminases. *Nature Biotechnology*, **2017**, 35, 475-480	44.5	168
20	Targeted mutagenesis in mice by electroporation of Cpf1 ribonucleoproteins. *Nature Biotechnology* , **2016**, 34, 807-8	44.5	151
19	Genome surgery using Cas9 ribonucleoproteins for the treatment of age-related macular degeneration. *Genome Research*, **2017**, 27, 419-426	9.7	100
18	Tumor-specific apoptosis caused by deletion of the ERBB3 pseudo-kinase in mouse intestinal epithelium. *Journal of Clinical Investigation*, **2009**, 119, 2702-13	15.9	71
17	CUT-PCR: CRISPR-mediated, ultrasensitive detection of target DNA using PCR. *Oncogene*, **2017**, 36, 6823-6829	9.2	55
16	ERBB3 knockdown induces cell cycle arrest and activation of Bak and Bax-dependent apoptosis in colon cancer cells. *Oncotarget*, **2014**, 5, 5138-52	3.3	24
15	Response to "Unexpected mutations after CRISPR-Cas9 editing in vivo". *Nature Methods*, **2018**, 15, 239-240	24.6	22
14	Epiregulin-dependent amphiregulin expression and ERBB2 signaling are involved in luteinizing hormone-induced paracrine signaling pathways in mouse ovary. *Biochemical and Biophysical Research Communications*, **2011**, 405, 319-24	3.4	21
13	Myofibroblast in the ligamentum flavum hypertrophic activity. *European Spine Journal*, **2017**, 26, 2021-2030	2.7	20
12	Targeted mutagenesis in mouse cells and embryos using an enhanced prime editor. *Genome Biology* , **2021**, 22, 170	18.3	17
11	Genome editing methods in animal models. *Animal Cells and Systems*, **2020**, 24, 8-16	2.3	15
10	Arhgap17, a RhoGTPase activating protein, regulates mucosal and epithelial barrier function in the mouse colon. *Scientific Reports*, **2016**, 6, 26923	4.9	15
9	Evolution of CRISPR towards accurate and efficient mammal genome engineering. *BMB Reports*, **2019**, 52, 475-481	5.5	15
8	Site-specific modification of genome with cell-permeable Cre fusion protein in preimplantation mouse embryo. *Biochemical and Biophysical Research Communications*, **2009**, 388, 122-6	3.4	13

7	CCN5 Reduces Ligamentum Flavum Hypertrophy by Modulating the TGF-β Pathway. *Journal of Orthopaedic Research*, **2019**, 37, 2634-2644	3.8	10
6	DNA-dependent RNA cleavage by the Natronobacterium gregoryi Argonaute		9
5	Inhibition of MUC1 exerts cell-cycle arrest and telomerase suppression in glioblastoma cells. *Scientific Reports*, **2020**, 10, 18238	4.9	5
4	CRISPR-Cas9 Gene Editing Protects from the A53T-SNCA Overexpression-Induced Pathology of Parkinson's Disease .. *CRISPR Journal*, **2022**, 5, 95-108	2.5	1
3	Therapeutic in vivo genome editing using Cas9 ribonucleoproteins for the treatment of age-related macular degeneration. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO2-9-2	0	
2	ERBB3-dependent AKT and ERK pathways are essential for atrioventricular cushion development in mouse embryos. *PLoS ONE*, **2021**, 16, e0259426	3.7	
1	Subcellular progression of mesenchymal transition identified by two discrete synchronous cell lines derived from the same glioblastoma.. *Cellular and Molecular Life Sciences*, **2022**, 79, 181	10.3	