

Huaigeng Xu

List of Publications by Year in descending order

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10
papers

906
citations

1040056

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1372567

10
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10
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docs citations

10
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Disruption of HLA Genes via CRISPR-Cas9 Generates iPSCs with Enhanced Immune Compatibility. <i>Cell Stem Cell</i> , 2019, 24, 566-578.e7.	11.1	356
2	Extracellular nanovesicles for packaging of CRISPR-Cas9 protein and sgRNA to induce therapeutic exon skipping. <i>Nature Communications</i> , 2020, 11, 1334.	12.8	197
3	CRISPR-Cas3 induces broad and unidirectional genome editing in human cells. <i>Nature Communications</i> , 2019, 10, 5302.	12.8	127
4	Generation of hypoimmunogenic T cells from genetically engineered allogeneic human induced pluripotent stem cells. <i>Nature Biomedical Engineering</i> , 2021, 5, 429-440.	22.5	70
5	iPSC-Derived Platelets Depleted of HLA Class I Are Inert to Anti-HLA Class I and Natural Killer Cell Immunity. <i>Stem Cell Reports</i> , 2020, 14, 49-59.	4.8	57
6	Efficient ssODN-Mediated Targeting by Avoiding Cellular Inhibitory RNAs through Precomplexed CRISPR-Cas9/sgRNA Ribonucleoprotein. <i>Stem Cell Reports</i> , 2021, 16, 985-996.	4.8	28
7	Site-specific randomization of the endogenous genome by a regulatable CRISPR-Cas9 piggyBac system in human cells. <i>Scientific Reports</i> , 2018, 8, 310.	3.3	22
8	Efficient mRNA delivery system utilizing chimeric VSVG-L7Ae virus-like particles. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1097-1102.	2.1	21
9	Generation of hypoimmunogenic induced pluripotent stem cells by CRISPR-Cas9 system and detailed evaluation for clinical application. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 26, 15-25.	4.1	20
10	Optimized electroporation of CRISPR-Cas9/gRNA ribonucleoprotein complex for selection-free homologous recombination in human pluripotent stem cells. <i>STAR Protocols</i> , 2021, 2, 100965.	1.2	8