

Miaojin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Seamless Genetic Conversion of <i>SMN2</i> to <i>SMN1</i> via CRISPR/Cpf1 and Single-Stranded Oligodeoxynucleotides in Spinal Muscular Atrophy Patient-Specific Induced Pluripotent Stem Cells. <i>Human Gene Therapy</i> , 2018, 29, 1252-1263.	2.7	50
2	Targeting of the human F8 at the multicopy rDNA locus in Hemophilia a patient-derived iPSCs using TALENICKases. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 144-149.	2.1	28
3	ssODN-Mediated In-Frame Deletion with CRISPR/Cas9 Restores FVIII Function in Hemophilia A-Patient-Derived iPSCs and ECs. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 198-209.	5.1	23
4	Enhanced tumor growth inhibition by mesenchymal stem cells derived from iPSCs with targeted integration of interleukin24 into rDNA loci. <i>Oncotarget</i> , 2017, 8, 40791-40803.	1.8	20
5	Paired CRISPR/Cas9 Nickases Mediate Efficient Site-Specific Integration of F9 into rDNA Locus of Mouse ESCs. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3035.	4.1	19
6	Modeling Alzheimer's Disease with Induced Pluripotent Stem Cells: Current Challenges and Future Concerns. <i>Stem Cells International</i> , 2016, 2016, 1-12.	2.5	17
7	Site-Specific Integration of <i>TRAIL</i> in iPSC-Derived Mesenchymal Stem Cells for Targeted Cancer Therapy. <i>Stem Cells Translational Medicine</i> , 2022, 11, 297-309.	3.3	16
8	Amyotrophic lateral sclerosis (ALS) linked mutation in Ubiquilin 2 affects stress granule assembly via TIA1. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 105-115.	3.9	13
9	CRISPR/Cas12a-Based Ultrasensitive and Rapid Detection of JAK2 V617F Somatic Mutation in Myeloproliferative Neoplasms. <i>Biosensors</i> , 2021, 11, 247.	4.7	10
10	Cas12a and Lateral Flow Strip-Based Test for Rapid and Ultrasensitive Detection of Spinal Muscular Atrophy. <i>Biosensors</i> , 2021, 11, 154.	4.7	9
11	Gene Therapy for Hemophilia A: Where We Stand. <i>Current Gene Therapy</i> , 2020, 20, 142-151.	2.0	7
12	Restoration of SMN expression in mesenchymal stem cells derived from gene-targeted patient-specific iPSCs. <i>Journal of Molecular Histology</i> , 2018, 49, 27-37.	2.2	6
13	Loss of PIGK function causes severe infantile encephalopathy and extensive neuronal apoptosis. <i>Human Genetics</i> , 2021, 140, 791-803.	3.8	6
14	Restoration of FVIII Function and Phenotypic Rescue in Hemophilia A Mice by Transplantation of MSCs Derived From F8-Modified iPSCs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630353.	3.7	6
15	Targeted addition of mini-dystrophin into rDNA locus of Duchenne muscular dystrophy patient-derived iPSCs. <i>Biochemical and Biophysical Research Communications</i> , 2021, 545, 40-45.	2.1	5
16	IL-24 armored CAR19-T cells show enhanced antitumor activity and persistence. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 14.	17.1	4
17	An Episomal CRISPR/Cas12a System for Mediating Efficient Gene Editing. <i>Life</i> , 2021, 11, 1262.	2.4	4
18	Ectopic Expression of FVIII in HPCs and MSCs Derived from hiPSCs with Site-Specific Integration of ITGA2B Promoter-Driven BDDF8 Gene in Hemophilia A. <i>International Journal of Molecular Sciences</i> , 2022, 23, 623.	4.1	4

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19	Cas14a1-Mediated Nucleic Acid Diagnostics for Spinal Muscular Atrophy. <i>Biosensors</i> , 2022, 12, 268.	4.7	3
20	Generation of reporter hESCs by targeting <i>EGFP</i> at the CD144 locus to facilitate the endothelial differentiation. <i>Development Growth and Differentiation</i> , 2018, 60, 205-215.	1.5	2