Fa-Yu Yang

List of Publications by Year
in descending order

17	435	1039406 9	839053 18
papers	citations	h-index	g-index

19	19	19	724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of non-canonical PAMs for CRISPR/Cas9-mediated DNA cleavage in human cells. Scientific Reports, 2014, 4, 5405.	1.6	187
2	High-fidelity SaCas9 identified by directional screening in human cells. PLoS Biology, 2020, 18, e3000747.	2.6	38
3	Optimizing a CRISPR-Cpf1-based genome engineering system for Corynebacterium glutamicum. Microbial Cell Factories, 2019, 18, 60.	1.9	36
4	CRISPR/Cas9- loxP -Mediated Gene Editing as a Novel Site-Specific Genetic Manipulation Tool. Molecular Therapy - Nucleic Acids, 2017, 7, 378-386.	2.3	31
5	Boosting activity of high-fidelity CRISPR/Cas9 variants using a tRNAGln-processing system in human cells. Journal of Biological Chemistry, 2019, 294, 9308-9315.	1.6	23
6	A Single Multiplex crRNA Array for FnCpf1-Mediated Human Genome Editing. Molecular Therapy, 2018, 26, 2070-2076.	3.7	20
7	Efficient cleavage resolves PAM preferences of CRISPR-Cas in human cells. Cell Regeneration, 2019, 8, 44-50.	1.1	20
8	Engineering the Direct Repeat Sequence of crRNA for Optimization of FnCpf1-Mediated Genome Editing in Human Cells. Molecular Therapy, 2018, 26, 2650-2657.	3.7	19
9	Novel mutations in PDE6B causing human retinitis pigmentosa. International Journal of Ophthalmology, 2016, 9, 1094-9.	0.5	13
10	CRISPR/Cas9-AAV Mediated Knock-in at NRL Locus in Human Embryonic Stem Cells. Molecular Therapy - Nucleic Acids, 2016, 5, e393.	2.3	9
11	Deciphering relationship between microhomology and in-frame mutation occurrence in human CRISPR-based gene knockout. Molecular Therapy - Nucleic Acids, 2016, 5, e323.	2.3	9
12	Novel Arginine End-Tagging Antimicrobial Peptides to Combat Multidrug-Resistant Bacteria. ACS Applied Materials & Interfaces, 2022, 14, 245-258.	4.0	8
13	FnCas12a/crRNA-Mediated Genome Editing in Eimeria tenella. Frontiers in Genetics, 2021, 12, 738746.	1.1	6
14	Functional non-homologous end joining patterns triggered by CRISPR/Cas9 in human cells. Journal of Genetics and Genomics, 2018, 45, 329-332.	1.7	5
15	A novel mutation of p.F32I in GJA8 in human dominant congenital cataracts. International Journal of Ophthalmology, 2016, 9, 1561-1567.	0.5	5
16	Genome editing of Corynebacterium glutamicum mediated with Cpf1 plus Ku/LigD. Biotechnology Letters, 2021, 43, 2273-2281.	1.1	3
17	Green Fluorescent Protein Tagged Polycistronic Reporter System Reveals Functional Editing Characteristics of CRISPR-Cas. CRISPR Journal, 2022, 5, 254-263.	1.4	1