Jihyeon Yu

List of Publications by Year in Descending Order

29 papers	601 citations	12 h-index	24 g-index
31 ext. papers	851 ext. citations	8.4 avg, IF	4 L-index

#	Paper	IF	Citations
29	Arabidopsis ATXR2 represses de novo shoot organogenesis in the transition from callus to shoot formation. *Cell Reports*, **2021**, 37, 109980	10.6	2
28	Mitochondrial genome of the Antarctic microalga KSF0127 (Chlorellaceae, Trebouxiophyceae). *Mitochondrial DNA Part B: Resources*, **2021**, 6, 878-879	0.5	
27	In□vivo gene editing via homology-independent targeted integration for adrenoleukodystrophy treatment. *Molecular Therapy*, **2021**,	11.7	1
26	Enhancing plant immunity by expression of pathogen-targeted CRISPR-Cas9 in plants **2021**, 1, 100001		1
25	Analysis of NHEJ-Based DNA Repair after CRISPR-Mediated DNA Cleavage. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
24	Transcriptomic and physiological analysis of OsCAO1 knockout lines using the CRISPR/Cas9 system in rice. *Plant Cell Reports*, **2021**, 40, 1013-1024	5.1	3
23	Simultaneous targeting of duplicated genes in Petunia protoplasts for flower color modification via CRISPR-Cas9 ribonucleoproteins. *Plant Cell Reports*, **2021**, 40, 1037-1045	5.1	30
22	Efficient Human Cell Coexpression System and Its Application to the Production of Multiple Coronavirus Antigens. *Advanced Biology*, **2021**, 5, e2000154		1
21	High-purity production and precise editing of DNA base editing ribonucleoproteins. *Science Advances*, **2021**, 7,	14.3	8
20	AC-motif: a DNA motif containing adenine and cytosine repeat plays a role in gene regulation. *Nucleic Acids Research*, **2021**, 49, 10150-10165	20.1	3
19	Adenine base editing and prime editing of chemically derived hepatic progenitors rescue genetic liver disease. *Cell Stem Cell*, **2021**, 28, 1614-1624.e5	18	13
18	The two clock proteins CCA1 and LHY activate VIN3 transcription during vernalization through the vernalization-responsive cis-element.. *Plant Cell*, **2021**,	11.6	3
17	Purification of an Intact Human Protein Overexpressed from Its Endogenous Locus Direct Genome Engineering. *ACS Synthetic Biology*, **2020**, 9, 1591-1598	5.7	1
16	CRISPR-mediated gene correction links the ATP7A M1311V mutations with amyotrophic lateral sclerosis pathogenesis in one individual. *Communications Biology*, **2020**, 3, 33	6.7	5
15	CRISPR-sub: Analysis of DNA substitution mutations caused by CRISPR-Cas9 in human cells. *Computational and Structural Biotechnology Journal*, **2020**, 18, 1686-1694	6.8	7
14	Generation and Transcriptome Profiling of Slr1-d7 and Slr1-d8 Mutant Lines with a New Semi-Dominant Dwarf Allele of Using the CRISPR/Cas9 System in Rice. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
13	CRISPR-Pass: Gene Rescue of Nonsense Mutations Using Adenine Base Editors. *Molecular Therapy*, **2019**, 27, 1364-1371	11.7	21

List of Publications

12	Construction of non-canonical PAM-targeting adenosine base editors by restriction enzyme-free DNA cloning using CRISPR-Cas9. *Scientific Reports*, **2019**, 9, 4939	4.9	21
11	Targeted cytochrome P450 3045C1 (CYP3045C1) gene mutation via CRISPR-Cas9 ribonucleoproteins in the marine rotifer Brachionus koreanus. *Hydrobiologia*, **2019**, 844, 117-128	2.4	4
10	Deletion of the chloroplast LTD protein impedes LHCI import and PSI-LHCI assembly in Chlamydomonas reinhardtii. *Journal of Experimental Botany*, **2018**, 69, 1147-1158	7	27
9	Direct observation of DNA target searching and cleavage by CRISPR-Cas12a. *Nature Communications*, **2018**, 9, 2777	17.4	72
8	Photoautotrophic production of macular pigment in a Chlamydomonas reinhardtii strain generated by using DNA-free CRISPR-Cas9 RNP-mediated mutagenesis. *Biotechnology and Bioengineering*, **2018**, 115, 719-728	4.9	56
7	Web-based design and analysis tools for CRISPR base editing. *BMC Bioinformatics*, **2018**, 19, 542	3.6	70
6	ID3 regulates the MDC1-mediated DNA damage response in order to maintain genome stability. *Nature Communications*, **2017**, 8, 903	17.4	14
5	CUT-PCR: CRISPR-mediated, ultrasensitive detection of target DNA using PCR. *Oncogene*, **2017**, 36, 6823-6829	6.9	55
4	DNA-free Genome Editing of Using CRISPR and Subsequent Mutant Analysis. *Bio-protocol*, **2017**, 7, e2352	0.9	3
3	WEREWOLF, a regulator of root hair pattern formation, controls flowering time through the regulation of FT mRNA stability. *Plant Physiology*, **2011**, 156, 1867-77	6.6	31
2	Cooperation and functional diversification of two closely related galactolipase genes for jasmonate biosynthesis. *Developmental Cell*, **2008**, 14, 183-92	10.2	143
1	Ex vivo therapeutic base and prime editing using chemically derived hepatic progenitors in a mouse model of tyrosinemia type 1		1