

# Guanqing Liu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

357  
citations

7  
h-index

16  
g-index

16  
ext. papers

563  
ext. citations

8.1  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
13	A large-scale whole-genome sequencing analysis reveals highly specific genome editing by both Cas9 and Cpf1 (Cas12a) nucleases in rice. <i>Genome Biology</i> , <b>2018</b> , 19, 84	18.3	155
12	PAM-less plant genome editing using a CRISPR-SpRY toolbox. <i>Nature Plants</i> , <b>2021</b> , 7, 25-33	11.5	61
11	Computational approaches for effective CRISPR guide RNA design and evaluation. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 35-44	6.8	59
10	Global Involvement of Lysine Crotonylation in Protein Modification and Transcription Regulation in Rice. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 1922-1936	7.6	32
9	Improved plant cytosine base editors with high editing activity, purity, and specificity. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 2052-2068	11.6	14
8	Chorus2: design of genome-scale oligonucleotide-based probes for fluorescence in situ hybridization. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1967-1978	11.6	8
7	Genome-wide Profiling of Histone Lysine Butyrylation Reveals its Role in the Positive Regulation of Gene Transcription in Rice. <i>Rice</i> , <b>2019</b> , 12, 86	5.8	7
6	CRISPR-BETS: a base-editing design tool for generating stop codons. <i>Plant Biotechnology Journal</i> , <b>2021</b> ,	11.6	5
5	Evaluation and application of tools for the identification of known microRNAs in plants. <i>Applications in Plant Sciences</i> , <b>2021</b> , 9, e11414	2.3	4
4	Epigenomic Features of DNA G-Quadruplexes and Their Roles in Regulating Rice Gene Transcription. <i>Plant Physiology</i> , <b>2021</b> ,	6.6	4
3	Segmental Duplication of Chromosome 11 and its Implications for Cell Division and Genome-wide Expression in Rice. <i>Scientific Reports</i> , <b>2017</b> , 7, 2689	4.9	3
2	Analysis of Off-Target Mutations in CRISPR-Edited Rice Plants Using Whole-Genome Sequencing. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2238, 145-172	1.4	3
1	Single Copy Oligonucleotide Fluorescence In Situ Hybridization Probe Design Platforms: Development, Application and Evaluation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2