

Guanqing Liu

List of Publications by Year in Descending Order

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