

Yingxiao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,802
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Genome Editing in Plant Protoplasts by Ribonucleoprotein Delivery of CRISPR-Cas12a Nucleases. <i>Frontiers in Genome Editing</i> , 2022, 4, 780238.	5.2	21
2	Expanding the targeting scope of FokI-Cas nuclease systems with SpRY and Mb2Cas12a. <i>Biotechnology Journal</i> , 2022, 17, e2100571.	3.5	3
3	Highly efficient CRISPR systems for loss-of-function and gain-of-function research in pear calli. <i>Horticulture Research</i> , 2022, 9, .	6.3	12
4	Expanding the scope of plant genome engineering with Cas12a orthologs and highly multiplexable editing systems. <i>Nature Communications</i> , 2021, 12, 1944.	12.8	79
5	CRISPR ribonucleoprotein-mediated genetic engineering in plants. <i>Plant Communications</i> , 2021, 2, 100168.	7.7	77
6	CRISPR-Act3.0 for highly efficient multiplexed gene activation in plants. <i>Nature Plants</i> , 2021, 7, 942-953.	9.3	99
7	Construct design for CRISPR/Cas-based genome editing in plants. <i>Trends in Plant Science</i> , 2021, 26, 1133-1152.	8.8	76
8	PAM-less plant genome editing using a CRISPR-SpRY toolbox. <i>Nature Plants</i> , 2021, 7, 25-33.	9.3	140
9	CRISPR-Cas12a enables efficient biallelic gene targeting in rice. <i>Plant Biotechnology Journal</i> , 2020, 18, 1351-1353.	8.3	42
10	CRISPR-Cas nucleases and base editors for plant genome editing. <i>ABIOTECH</i> , 2020, 1, 74-87.	3.9	16
11	CRISPR-Cas12b enables efficient plant genome engineering. <i>Nature Plants</i> , 2020, 6, 202-208.	9.3	116
12	Activities and specificities of CRISPR/Cas9 and Cas12a nucleases for targeted mutagenesis in maize. <i>Plant Biotechnology Journal</i> , 2019, 17, 362-372.	8.3	192
13	The emerging and uncultivated potential of CRISPR technology in plant science. <i>Nature Plants</i> , 2019, 5, 778-794.	9.3	294
14	CRISPR enables directed evolution in plants. <i>Genome Biology</i> , 2019, 20, 83.	8.8	17
15	Single transcript unit CRISPR 2.0 systems for robust Cas9 and Cas12a mediated plant genome editing. <i>Plant Biotechnology Journal</i> , 2019, 17, 1431-1445.	8.3	120
16	Plant Gene Knockout and Knockdown by CRISPR-Cpf1 (Cas12a) Systems. <i>Methods in Molecular Biology</i> , 2019, 1917, 245-256.	0.9	11
17	Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and Arabidopsis. <i>BMC Biology</i> , 2019, 17, 9.	3.8	172
18	Robust Transcriptional Activation in Plants Using Multiplexed CRISPR-Act2.0 and mTALE-Act Systems. <i>Molecular Plant</i> , 2018, 11, 245-256.	8.3	179

#	ARTICLE	IF	CITATIONS
19	Plant Genome Editing Using FnCpf1 and LbCpf1 Nucleases at Redefined and Altered PAM Sites. <i>Molecular Plant</i> , 2018, 11, 999-1002.	8.3	136