

Haroon Butt

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,127
citations

623734

14
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

3193
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA virus interference via CRISPR/Cas13a system in plants. <i>Genome Biology</i> , 2018, 19, 1.	8.8	1,148
2	Engineering herbicide resistance via prime editing in rice. <i>Plant Biotechnology Journal</i> , 2020, 18, 2370-2372.	8.3	142
3	Putative <i>Arabidopsis</i> Transcriptional Adaptor Protein (PROPORZ1) is required to modulate histone acetylation in response to auxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10308-10313.	7.1	113
4	Efficient CRISPR/Cas9-Mediated Genome Editing Using a Chimeric Single-Guide RNA Molecule. <i>Frontiers in Plant Science</i> , 2017, 8, 1441.	3.6	107
5	Engineering plant architecture via CRISPR/Cas9-mediated alteration of strigolactone biosynthesis. <i>BMC Plant Biology</i> , 2018, 18, 174.	3.6	106
6	CRISPR directed evolution of the spliceosome for resistance to splicing inhibitors. <i>Genome Biology</i> , 2019, 20, 73.	8.8	99
7	Fusion of the Cas9 endonuclease and the VirD2 relaxase facilitates homology-directed repair for precise genome engineering in rice. <i>Communications Biology</i> , 2020, 3, 44.	4.4	91
8	Engineering RNA Virus Interference via the CRISPR/Cas13 Machinery in <i>Arabidopsis</i> . <i>Viruses</i> , 2018, 10, 732.	3.3	75
9	Pre-mRNA splicing repression triggers abiotic stress signaling in plants. <i>Plant Journal</i> , 2017, 89, 291-309.	5.7	68
10	CRISPR-Based Directed Evolution for Crop Improvement. <i>Trends in Biotechnology</i> , 2020, 38, 236-240.	9.3	34
11	Herboxidiene triggers splicing repression and abiotic stress responses in plants. <i>BMC Genomics</i> , 2017, 18, 260.	2.8	31
12	Serine/Arginine-rich protein family of splicing regulators: New approaches to study splice isoform functions. <i>Plant Science</i> , 2019, 283, 127-134.	3.6	27
13	Multiplex CRISPR Mutagenesis of the Serine/Arginine-Rich (SR) Gene Family in Rice. <i>Genes</i> , 2019, 10, 596.	2.4	23
14	Expression analysis of <i>Arabidopsis</i> XH/XS-domain proteins indicates overlapping and distinct functions for members of this gene family. <i>Journal of Experimental Botany</i> , 2014, 65, 1217-1227.	4.8	18
15	The far side of auxin signaling: fundamental cellular activities and their contribution to a defined growth response in plants. <i>Protoplasma</i> , 2014, 251, 731-746.	2.1	16
16	The Rice Serine/Arginine Splicing Factor RS33 Regulates Pre-mRNA Splicing during Abiotic Stress Responses. <i>Cells</i> , 2022, 11, 1796.	4.1	14
17	Overlapping roles of spliceosomal components SF3B1 and PHF5A in rice splicing regulation. <i>Communications Biology</i> , 2021, 4, 529.	4.4	8