

Basudev Ghoshal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

671
citations

1040056

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1281871

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13
all docs

13
docs citations

13
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas-mediated transcriptional control and epi-mutagenesis. <i>Plant Physiology</i> , 2022, 188, 1811-1824.	4.8	21
2	Targeting of cucumber necrosis virus coat protein to the chloroplast stroma attenuates host defense response. <i>Virology</i> , 2021, 554, 106-119.	2.4	6
3	CRISPR-dCas9-Based Targeted Manipulation of DNA Methylation in Plants. <i>Springer Protocols</i> , 2021, , 57-71.	0.3	4
4	CRISPR-based targeting of DNA methylation in <i>Arabidopsis thaliana</i> by a bacterial CG-specific DNA methyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	35
5	A viral guide RNA delivery system for CRISPR-based transcriptional activation and heritable targeted DNA demethylation in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2020, 16, e1008983.	3.5	31
6	Co-targeting RNA Polymerases IV and V Promotes Efficient De Novo DNA Methylation in <i>Arabidopsis</i> . <i>Cell</i> , 2019, 176, 1068-1082.e19.	28.9	124
7	Targeted DNA demethylation of the <i>Arabidopsis</i> genome using the human TET1 catalytic domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2125-E2134.	7.1	190
8	Expression and antiviral function of ARGONAUTE 2 in <i>Nicotiana benthamiana</i> plants infected with two isolates of tomato ringspot virus with varying degrees of virulence. <i>Virology</i> , 2018, 524, 127-139.	2.4	25
9	Symptom recovery in virus-infected plants: Revisiting the role of RNA silencing mechanisms. <i>Virology</i> , 2015, 479-480, 167-179.	2.4	130
10	Complete genome sequence of three tomato ringspot virus isolates: evidence for reassortment and recombination. <i>Archives of Virology</i> , 2015, 160, 543-547.	2.1	17
11	Temperature-dependent symptom recovery in <i>Nicotiana benthamiana</i> plants infected with tomato ringspot virus is associated with reduced translation of viral RNA2 and requires ARGONAUTE 1. <i>Virology</i> , 2014, 456-457, 188-197.	2.4	86