Basudev Ghoshal

List of Publications by Year
in descending order

11 papers	671 citations	1040056 9 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	921 citing authors

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