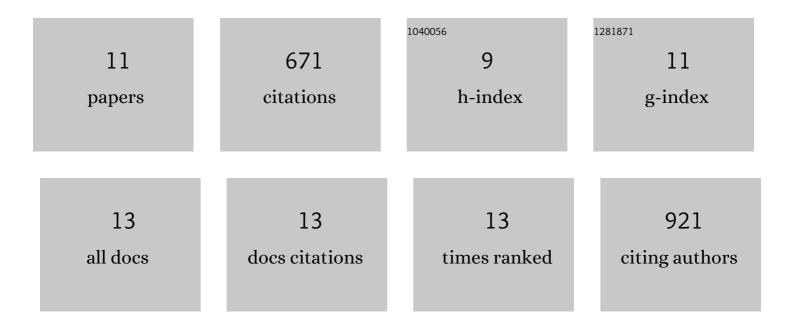
## **Basudev Ghoshal**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7844801/publications.pdf Version: 2024-02-01



| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Targeted DNA demethylation of the <i>Arabidopsis</i> genome using the human TET1 catalytic domain.<br>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.<br>Cell, 2019, 176, 1068-1082.e19.   | 28.9 | 124       |
| 4  | Temperature-dependent symptom recovery in Nicotiana benthamiana plants infected with tomato<br>ringspot virus is associated with reduced translation of viral RNA2 and requires ARGONAUTE 1.<br>Virology, 2014, 456-457, 188-197. | 2.4  | 86        |
| 5  | CRISPR-based targeting of DNA methylation in <i>Arabidopsis thaliana</i> by a bacterial CG-specific<br>DNA methyltransferase. Proceedings of the National Academy of Sciences of the United States of<br>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  | CRISPR–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<br>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         |