

Rashid Aman

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,573
citations

516710

16
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

3532
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bio-SCAN: A CRISPR/dCas9-Based Lateral Flow Assay for Rapid, Specific, and Sensitive Detection of SARS-CoV-2. <i>ACS Synthetic Biology</i> , 2022, 11, 406-419. | 3.8 | 48 |
| 2 | Characterization of a thermostable Cas13 enzyme for one-pot detection of SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 7.1 | 33 |
| 3 | Onsite detection of plant viruses using isothermal amplification assays. <i>Plant Biotechnology Journal</i> , 2022, 20, 1859-1873. | 8.3 | 25 |
| 4 | LAMP-Coupled CRISPR-Cas12a Module for Rapid and Sensitive Detection of Plant DNA Viruses. <i>Viruses</i> , 2021, 13, 466. | 3.3 | 62 |
| 5 | iSCAN-V2: A One-Pot RT-RPA-CRISPR/Cas12b Assay for Point-of-Care SARS-CoV-2 Detection. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 800104. | 4.1 | 24 |
| 6 | iSCAN: An RT-LAMP-coupled CRISPR-Cas12 module for rapid, sensitive detection of SARS-CoV-2. <i>Virus Research</i> , 2020, 288, 198129. | 2.2 | 226 |
| 7 | Engineering herbicide resistance via prime editing in rice. <i>Plant Biotechnology Journal</i> , 2020, 18, 2370-2372. | 8.3 | 142 |
| 8 | Nucleic Acid Detection Using CRISPR/Cas Biosensing Technologies. <i>ACS Synthetic Biology</i> , 2020, 9, 1226-1233. | 3.8 | 226 |
| 9 | Efficient, Rapid, and Sensitive Detection of Plant RNA Viruses With One-Pot RT-RPA-CRISPR/Cas12a Assay. <i>Frontiers in Microbiology</i> , 2020, 11, 610872. | 3.5 | 94 |
| 10 | CRISPR-Cas13d mediates robust RNA virus interference in plants. <i>Genome Biology</i> , 2019, 20, 263. | 8.8 | 124 |
| 11 | Engineering RNA Virus Interference via the CRISPR/Cas13 Machinery in Arabidopsis. <i>Viruses</i> , 2018, 10, 732. | 3.3 | 75 |
| 12 | RNA virus interference via CRISPR/Cas13a system in plants. <i>Genome Biology</i> , 2018, 19, 1. | 8.8 | 1,148 |
| 13 | A Single Amino-Acid Substitution in the Sodium Transporter HKT1 Associated with Plant Salt Tolerance. <i>Plant Physiology</i> , 2016, 171, 2112-2126. | 4.8 | 93 |
| 14 | Allelic polymorphism of <i>GIGANTEA</i> is responsible for naturally occurring variation in circadian period in <i>Brassica rapa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3829-3834. | 7.1 | 55 |
| 15 | Role of HKT1 in <i>Thellungiella salsuginea</i> , a model extremophile plant. <i>Plant Signaling and Behavior</i> , 2013, 8, e25196. | 2.4 | 31 |
| 16 | TsHKT1;2, a HKT1 Homolog from the Extremophile Arabidopsis Relative <i>Thellungiella salsuginea</i> , Shows K ⁺ Specificity in the Presence of NaCl. <i>Plant Physiology</i> , 2012, 158, 1463-1474. | 4.8 | 161 |