

# Rashid Aman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5529978/publications.pdf>

Version: 2024-02-01

16  
papers

2,573  
citations

586496

16  
h-index

1051228

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3870  
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.	1.9	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, .	3.3	33
3	Onsite detection of plant viruses using isothermal amplification assays. <i>Plant Biotechnology Journal</i> , 2022, 20, 1859-1873.	4.1	25
4	LAMP-Coupled CRISPR-Cas12a Module for Rapid and Sensitive Detection of Plant DNA Viruses. <i>Viruses</i> , 2021, 13, 466.	1.5	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.	2.0	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.	1.1	226
7	Engineering herbicide resistance via prime editing in rice. <i>Plant Biotechnology Journal</i> , 2020, 18, 2370-2372.	4.1	142
8	Nucleic Acid Detection Using CRISPR/Cas Biosensing Technologies. <i>ACS Synthetic Biology</i> , 2020, 9, 1226-1233.	1.9	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.	1.5	94
10	CRISPR-Cas13d mediates robust RNA virus interference in plants. <i>Genome Biology</i> , 2019, 20, 263.	3.8	124
11	Engineering RNA Virus Interference via the CRISPR/Cas13 Machinery in Arabidopsis. <i>Viruses</i> , 2018, 10, 732.	1.5	75
12	RNA virus interference via CRISPR/Cas13a system in plants. <i>Genome Biology</i> , 2018, 19, 1.	3.8	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.	2.3	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.	3.3	55
15	Role of HKT1 in <i>Thellungiella salsuginea</i> , a model extremophile plant. <i>Plant Signaling and Behavior</i> , 2013, 8, e25196.	1.2	31
16	TsHKT1;2, a HKT1 Homolog from the Extremophile Arabidopsis Relative <i>Thellungiella salsuginea</i> , Shows K <sup>+</sup> Specificity in the Presence of NaCl. <i>Plant Physiology</i> , 2012, 158, 1463-1474.	2.3	161