

# Catherine A Freije

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3324235/publications.pdf>

Version: 2024-02-01

15  
papers

5,622  
citations

623734

14  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

6771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic acid detection with CRISPR-Cas13a/C2c2. <i>Science</i> , 2017, 356, 438-442.	12.6	2,275
2	Field-deployable viral diagnostics using CRISPR-Cas13. <i>Science</i> , 2018, 360, 444-448.	12.6	982
3	Massively multiplexed nucleic acid detection with Cas13. <i>Nature</i> , 2020, 582, 277-282.	27.8	492
4	Zika virus evolution and spread in the Americas. <i>Nature</i> , 2017, 546, 411-415.	27.8	323
5	Streamlined inactivation, amplification, and Cas13-based detection of SARS-CoV-2. <i>Nature Communications</i> , 2020, 11, 5921.	12.8	299
6	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. <i>Nature</i> , 2017, 546, 401-405.	27.8	298
7	Programmable Inhibition and Detection of RNA Viruses Using Cas13. <i>Molecular Cell</i> , 2019, 76, 826-837.e11.	9.7	286
8	Genomic Analysis of Lassa Virus during an Increase in Cases in Nigeria in 2018. <i>New England Journal of Medicine</i> , 2018, 379, 1745-1753.	27.0	135
9	Transcriptomic characterization of fibrolamellar hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5916-25.	7.1	103
10	Deployable CRISPR-Cas13a diagnostic tools to detect and report Ebola and Lassa virus cases in real-time. <i>Nature Communications</i> , 2020, 11, 4131.	12.8	101
11	Simplified Cas13-based assays for the fast identification of SARS-CoV-2 and its variants. <i>Nature Biomedical Engineering</i> , 2022, 6, 932-943.	22.5	76
12	Detect and destroy: CRISPR-based technologies for the response against viruses. <i>Cell Host and Microbe</i> , 2021, 29, 689-703.	11.0	50
13	Longitudinal transcriptomic characterization of the immune response to acute hepatitis C virus infection in patients with spontaneous viral clearance. <i>PLoS Pathogens</i> , 2018, 14, e1007290.	4.7	33
14	Powassan Virus Neuropathology and Genomic Diversity in Patients With Fatal Encephalitis. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa392.	0.9	19
15	Genetic Variation at IFNL4 Influences Extrahepatic Interferon-Stimulated Gene Expression in Chronic HCV Patients. <i>Journal of Infectious Diseases</i> , 2018, 217, 650-655.	4.0	17