Hayden C Metsky

List of Publications by Year
in descending order

17	2,806	933447 10	1281871 11
papers	citations	h-index	g-index

22	22	22	4569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Field-deployable viral diagnostics using CRISPR-Cas13. Science, 2018, 360, 444-448.	12.6	982
2	Massively multiplexed nucleic acid detection with Cas13. Nature, 2020, 582, 277-282.	27.8	492
3	Zika virus evolution and spread in the Americas. Nature, 2017, 546, 411-415.	27.8	323
4	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. Nature, 2017, 546, 401-405.	27.8	298
5	Programmable Inhibition and Detection of RNA Viruses Using Cas13. Molecular Cell, 2019, 76, 826-837.e11.	9.7	286
6	Deployable CRISPR-Cas13a diagnostic tools to detect and report Ebola and Lassa virus cases in real-time. Nature Communications, 2020, 11, 4131.	12.8	101
7	Capturing sequence diversity in metagenomes with comprehensive and scalable probe design. Nature Biotechnology, 2019, 37, 160-168.	17.5	96
8	Rapid Detection of Powassan Virus in a Patient With Encephalitis by Metagenomic Sequencing. Clinical Infectious Diseases, 2018, 66, 789-792.	5.8	41
9	Combining genomics and epidemiology to track mumps virus transmission in the United States. PLoS Biology, 2020, 18, e3000611.	5.6	37
10	Designing sensitive viral diagnostics with machine learning. Nature Biotechnology, 2022, 40, 1123-1131.	17.5	30
11	The Origins and Future of Sentinel: An Early-Warning System for Pandemic Preemption and Response. Viruses, 2021, 13, 1605.	3.3	8
12	Combining genomics and epidemiology to track mumps virus transmission in the United States. , 2020, 18, e3000611.		0
13	Combining genomics and epidemiology to track mumps virus transmission in the United States. , 2020, 18, e3000611.		0
14	Combining genomics and epidemiology to track mumps virus transmission in the United States. , 2020, 18, e3000611.		0
15	Combining genomics and epidemiology to track mumps virus transmission in the United States. , 2020, 18, e3000611.		0
16	Combining genomics and epidemiology to track mumps virus transmission in the United States. , 2020, 18, e3000611.		0
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