

# Katelyn M Gostic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6878577/publications.pdf>

Version: 2024-02-01

16  
papers

1,473  
citations

1051969

10  
h-index

1255698

13  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Commentary on the use of the reproduction number $R$ during the COVID-19 pandemic. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1675-1685.	0.7	18
2	Influenza immune escape under heterogeneous host immune histories. <i>Trends in Microbiology</i> , 2021, 29, 1072-1082.	3.5	16
3	Estimating prevalence and test accuracy in disease ecology: How Bayesian latent class analysis can boost or bias imperfect test results. <i>Ecology and Evolution</i> , 2020, 10, 7221-7232.	0.8	8
4	Beyond clinical trials: Evolutionary and epidemiological considerations for development of a universal influenza vaccine. <i>PLoS Pathogens</i> , 2020, 16, e1008583.	2.1	22
5	Practical considerations for measuring the effective reproductive number, $R_t$ . <i>PLoS Computational Biology</i> , 2020, 16, e1008409.	1.5	343
6	Estimated effectiveness of symptom and risk screening to prevent the spread of COVID-19. <i>ELife</i> , 2020, 9, .	2.8	307
7	Mechanistic dose-response modelling of animal challenge data shows that intact skin is a crucial barrier to leptospiral infection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190367.	1.8	14
8	Childhood immune imprinting to influenza A shapes birth year-specific risk during seasonal H1N1 and H3N2 epidemics. <i>PLoS Pathogens</i> , 2019, 15, e1008109.	2.1	95
9	Title is missing!. , 2019, 15, e1008109.		0
10	Title is missing!. , 2019, 15, e1008109.		0
11	Title is missing!. , 2019, 15, e1008109.		0
12	Predictive Modeling of Influenza Shows the Promise of Applied Evolutionary Biology. <i>Trends in Microbiology</i> , 2018, 26, 102-118.	3.5	95
13	Maternal antibodies' role in immunity Response. <i>Science</i> , 2017, 355, 705-705.	6.0	1
14	Potent protection against H5N1 and H7N9 influenza via childhood hemagglutinin imprinting. <i>Science</i> , 2016, 354, 722-726.	6.0	375
15	Effectiveness of traveller screening for emerging pathogens is shaped by epidemiology and natural history of infection. <i>ELife</i> , 2015, 4, .	2.8	49
16	Mapping influenza transmission in the ferret model to transmission in humans. <i>ELife</i> , 2015, 4, .	2.8	35