

William Waites

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6108754/publications.pdf>

Version: 2024-02-01

19
papers

2,341
citations

1306789

7
h-index

940134

16
g-index

26
all docs

26
docs citations

26
times ranked

6538
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. <i>Science</i> , 2021, 372, .	6.0	2,103
2	Modelling the potential impact of mask use in schools and society on COVID-19 control in the UK. <i>Scientific Reports</i> , 2021, 11, 8747.	1.6	36
3	Testing, tracing and isolation in compartmental models. <i>PLoS Computational Biology</i> , 2021, 17, e1008633.	1.5	32
4	Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. <i>BMC Medicine</i> , 2021, 19, 233.	2.3	24
5	SARS-CoV-2 seroprevalence in a strictly-Orthodox Jewish community in the UK: A retrospective cohort study. <i>Lancet Regional Health - Europe</i> , The, 2021, 6, 100127.	3.0	21
6	Annotation of rule-based models with formal semantics to enable creation, analysis, reuse and visualization. <i>Bioinformatics</i> , 2016, 32, 908-917.	1.8	18
7	Modelling the Health and Economic Impacts of Population-Wide Testing, Contact Tracing and Isolation (PTTI) Strategies for COVID-19 in the UK. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15
8	Modelling the impact of reopening schools in the UK in early 2021 in the presence of the alpha variant and with roll-out of vaccination against SARS-CoV-2. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 514, 126050.	0.5	11
9	Determining the level of social distancing necessary to avoid future COVID-19 epidemic waves: a modelling study for North East London. <i>Scientific Reports</i> , 2021, 11, 5806.	1.6	8
10	Model Integration in Computational Biology: The Role of Reproducibility, Credibility and Utility. <i>Frontiers in Systems Biology</i> , 2022, 2, .	0.5	7
11	Rule-based epidemic models. <i>Journal of Theoretical Biology</i> , 2021, 530, 110851.	0.8	6
12	An Information-Theoretic Measure for Patterning in Epithelial Tissues. <i>IEEE Access</i> , 2018, 6, 40302-40312.	2.6	4
13	Emergence of structure in mouse embryos: Structural Entropy morphometry applied to digital models of embryonic anatomy. <i>Journal of Anatomy</i> , 2019, 235, 706-715.	0.9	4
14	Information Cascades and the Collapse of Cooperation. <i>Scientific Reports</i> , 2020, 10, 8004.	1.6	4
15	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. <i>BMC Public Health</i> , 2022, 22, 1003.	1.2	4
16	Modelling the health and economic impacts of different testing and tracing strategies for COVID-19 in the UK. <i>F1000Research</i> , 0, 9, 1454.	0.8	3
17	A Genetic Circuit Compiler: Generating Combinatorial Genetic Circuits with Web Semantics and Inference. <i>ACS Synthetic Biology</i> , 2018, 7, 2812-2823.	1.9	2
18	Global and national estimates of the number of healthcare workers at high risk of SARS-CoV-2 infection. <i>Journal of Hospital Infection</i> , 2021, 111, 205-207.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Annotations for Rule-Based Models. <i>Methods in Molecular Biology</i> , 2019, 1945, 271-296.	0.4	0