

# Cameron Zachreson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2671627/publications.pdf>

Version: 2024-02-01

20  
papers

902  
citations

840585

11  
h-index

794469

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling transmission and control of the COVID-19 pandemic in Australia. <i>Nature Communications</i> , 2020, 11, 5710.	5.8	394
2	Quantum Emission from Defects in Single-Crystalline Hexagonal Boron Nitride. <i>Physical Review Applied</i> , 2016, 5, .	1.5	127
3	Room Temperature Quantum Emission from Cubic Silicon Carbide Nanoparticles. <i>ACS Nano</i> , 2014, 8, 7938-7947.	7.3	89
4	Urbanization affects peak timing, prevalence, and bimodality of influenza pandemics in Australia: Results of a census-calibrated model. <i>Science Advances</i> , 2018, 4, eaau5294.	4.7	56
5	Risk mapping for COVID-19 outbreaks in Australia using mobility data. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200657.	1.5	40
6	The demise of Angkor: Systemic vulnerability of urban infrastructure to climatic variations. <i>Science Advances</i> , 2018, 4, eaau4029.	4.7	34
7	How will mass-vaccination change COVID-19 lockdown requirements in Australia?. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 14, 100224.	1.3	32
8	Creating a surrogate commuter network from Australian Bureau of Statistics census data. <i>Scientific Data</i> , 2019, 6, 150.	2.4	21
9	Simulating Transmission Scenarios of the Delta Variant of SARS-CoV-2 in Australia. <i>Frontiers in Public Health</i> , 2022, 10, 823043.	1.3	15
10	Bright, water-soluble CeF <sub>3</sub> photo-, cathodo-, and X-ray luminescent nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	13
11	Interfering with influenza: nonlinear coupling of reactive and static mitigation strategies. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190728.	1.5	13
12	Emergent pattern formation in an interstitial biofilm. <i>Physical Review E</i> , 2017, 95, 012408.	0.8	11
13	COVID-19 in low-tolerance border quarantine systems: Impact of the Delta variant of SARS-CoV-2. <i>Science Advances</i> , 2022, 8, eabm3624.	4.7	10
14	Electron Beam Controlled Restructuring of Luminescence Centers in Polycrystalline Diamond. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10367-10372.	4.0	8
15	Micro-Patterned Surfaces That Exploit Stigmergy to Inhibit Biofilm Expansion. <i>Frontiers in Microbiology</i> , 2016, 7, 2157.	1.5	8
16	Network patterns in exponentially growing two-dimensional biofilms. <i>Physical Review E</i> , 2017, 96, 042401.	0.8	7
17	Mapping home internet activity during COVID-19 lockdown to identify occupation related inequalities. <i>Scientific Reports</i> , 2021, 11, 21054.	1.6	7
18	The effects of local homogeneity assumptions in metapopulation models of infectious disease. <i>Royal Society Open Science</i> , 2022, 9, .	1.1	7

#	ARTICLE	IF	CITATIONS
19	Role of recombination pathway competition in spatially resolved cathodoluminescence spectroscopy. Applied Physics Letters, 2014, 105, .	1.5	3
20	Managing Trajectories and Interactions During a Pandemic. , 2021, , .		2