

# Samuel Cheeseman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8187951/publications.pdf>

Version: 2024-02-01

21  
papers

1,019  
citations

586496

16  
h-index

799663

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Illuminating the biochemical interaction of antimicrobial few-layer black phosphorus with microbial cells using synchrotron macro-ATR-FTIR. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7527-7539.	2.9	8
2	Interactions between Liquid Metal Droplets and Bacterial, Fungal, and Mammalian Cells. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	19
3	The Multiomics Analyses of Fecal Matrix and Its Significance to Coeliac Disease Gut Profiling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1965.	1.8	6
4	Broad-Spectrum Solvent-free Layered Black Phosphorus as a Rapid Action Antimicrobial. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 17340-17352.	4.0	24
5	Analysis of Pathogenic Bacterial and Yeast Biofilms Using the Combination of Synchrotron ATR-FTIR Microspectroscopy and Chemometric Approaches. <i>Molecules</i> , 2021, 26, 3890.	1.7	28
6	Antipathogenic properties and applications of low-dimensional materials. <i>Nature Communications</i> , 2021, 12, 3897.	5.8	63
7	Antibacterial Liquid Metals: Biofilm Treatment <i>via</i> Magnetic Activation. <i>ACS Nano</i> , 2020, 14, 802-817.	7.3	198
8	Broad-spectrum treatment of bacterial biofilms using magneto-responsive liquid metal particles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10776-10787.	2.9	31
9	Conformationally tuned antibacterial oligomers target the peptidoglycan of Gram-positive bacteria. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 850-862.	5.0	24
10	Micro- to nano-scale chemical and mechanical mapping of antimicrobial-resistant fungal biofilms. <i>Nanoscale</i> , 2020, 12, 19888-19904.	2.8	12
11	Combining Chemometrics and Sensors: Toward New Applications in Monitoring and Environmental Analysis. <i>Chemical Reviews</i> , 2020, 120, 6048-6069.	23.0	68
12	Nano-plastics and their analytical characterisation and fate in the marine environment: From source to sea. <i>Science of the Total Environment</i> , 2020, 732, 138792.	3.9	96
13	Significant Enhancement of Antimicrobial Activity in Oxygen-Deficient Zinc Oxide Nanowires. <i>ACS Applied Bio Materials</i> , 2020, 3, 2997-3004.	2.3	36
14	Antimicrobial Metal Nanomaterials: From Passive to Stimuli-Activated Applications. <i>Advanced Science</i> , 2020, 7, 1902913.	5.6	192
15	Interaction of Giant Unilamellar Vesicles with the Surface Nanostructures on Dragonfly Wings. <i>Langmuir</i> , 2019, 35, 2422-2430.	1.6	18
16	PC 12 Pheochromocytoma Cell Response to Super High Frequency Terahertz Radiation from Synchrotron Source. <i>Cancers</i> , 2019, 11, 162.	1.7	20
17	Outsmarting superbugs: bactericidal activity of nanostructured titanium surfaces against methicillin- and gentamicin-resistant <i>Staphylococcus aureus</i> ATCC 33592. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4424-4431.	2.9	39
18	The use of nanomaterials for the mitigation of pathogenic biofilm formation. <i>Methods in Microbiology</i> , 2019, , 61-92.	0.4	31

#	ARTICLE	IF	CITATIONS
19	From Academia to Reality Check: A Theoretical Framework on the Use of Chemometric in Food Sciences. <i>Foods</i> , 2019, 8, 164.	1.9	30
20	Antibacterial Properties of Graphene Oxide–Copper Oxide Nanoparticle Nanocomposites. <i>ACS Applied Bio Materials</i> , 2019, 2, 5687-5696.	2.3	57
21	Pillars of Life: Is There a Relationship between Lifestyle Factors and the Surface Characteristics of Dragonfly Wings?. <i>ACS Omega</i> , 2018, 3, 6039-6046.	1.6	19