

# Caroline E Wagner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/92511/publications.pdf>

Version: 2024-02-01

19  
papers

1,547  
citations

686830

13  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infectious disease in an era of global change. <i>Nature Reviews Microbiology</i> , 2022, 20, 193-205.	13.6	509
2	Immune life history, vaccination, and the dynamics of SARS-CoV-2 over the next 5 years. <i>Science</i> , 2020, 370, 811-818.	6.0	210
3	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , 2021, 372, 363-370.	6.0	185
4	A Rheological Study of the Association and Dynamics of MUC5AC Gels. <i>Biomacromolecules</i> , 2017, 18, 3654-3664.	2.6	122
5	Non-Gaussian, non-ergodic, and non-Fickian diffusion of tracers in mucin hydrogels. <i>Soft Matter</i> , 2019, 15, 2526-2551.	1.2	120
6	Vaccine nationalism and the dynamics and control of SARS-CoV-2. <i>Science</i> , 2021, 373, eabj7364.	6.0	80
7	Epidemic dynamics of respiratory syncytial virus in current and future climates. <i>Nature Communications</i> , 2019, 10, 5512.	5.8	78
8	Modelling vaccination strategies for COVID-19. <i>Nature Reviews Immunology</i> , 2022, 22, 139-141.	10.6	41
9	Quantifying the consistency and rheology of liquid foods using fractional calculus. <i>Food Hydrocolloids</i> , 2017, 69, 242-254.	5.6	40
10	Economic and Behavioral Influencers of Vaccination and Antimicrobial Use. <i>Frontiers in Public Health</i> , 2020, 8, 614113.	1.3	33
11	An analytic solution for capillary thinning and breakup of FENE-P fluids. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2015, 218, 53-61.	1.0	31
12	The importance of flow history in mixed shear and extensional flows. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2016, 233, 133-145.	1.0	19
13	Leveraging large-deviation statistics to decipher the stochastic properties of measured trajectories. <i>New Journal of Physics</i> , 2021, 23, 013008.	1.2	15
14	The limits of SARS-CoV-2 predictability. <i>Nature Ecology and Evolution</i> , 2021, 5, 1052-1054.	3.4	11
15	Age-dependent capillary thinning dynamics of physically-associated salivary mucin networks. <i>Journal of Rheology</i> , 2017, 61, 1309-1326.	1.3	10
16	Climatological, virological and sociological drivers of current and projected dengue fever outbreak dynamics in Sri Lanka. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200075.	1.5	8
17	Innovative vaccine approaches—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2022, 1511, 59-86.	1.8	5
18	Cyclic epidemics and extreme outbreaks induced by hydro-climatic variability and memory. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200521.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Partial immunity and SARS-CoV-2 mutationsâ€™Response. Science, 2021, 372, 354-355.	6.0	2