

Caroline E Wagner

List of Publications by Year in descending order

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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	Innovative vaccine approaches—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2022, 1511, 59-86.	1.8	5
3	Modelling vaccination strategies for COVID-19. <i>Nature Reviews Immunology</i> , 2022, 22, 139-141.	10.6	41
4	Partial immunity and SARS-CoV-2 mutations—Response. <i>Science</i> , 2021, 372, 354-355.	6.0	2
5	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , 2021, 372, 363-370.	6.0	185
6	The limits of SARS-CoV-2 predictability. <i>Nature Ecology and Evolution</i> , 2021, 5, 1052-1054.	3.4	11
7	Vaccine nationalism and the dynamics and control of SARS-CoV-2. <i>Science</i> , 2021, 373, eabj7364.	6.0	80
8	Leveraging large-deviation statistics to decipher the stochastic properties of measured trajectories. <i>New Journal of Physics</i> , 2021, 23, 013008.	1.2	15
9	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
10	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
11	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
12	Economic and Behavioral Influencers of Vaccination and Antimicrobial Use. <i>Frontiers in Public Health</i> , 2020, 8, 614113.	1.3	33
13	Non-Gaussian, non-ergodic, and non-Fickian diffusion of tracers in mucin hydrogels. <i>Soft Matter</i> , 2019, 15, 2526-2551.	1.2	120
14	Epidemic dynamics of respiratory syncytial virus in current and future climates. <i>Nature Communications</i> , 2019, 10, 5512.	5.8	78
15	Quantifying the consistency and rheology of liquid foods using fractional calculus. <i>Food Hydrocolloids</i> , 2017, 69, 242-254.	5.6	40
16	Age-dependent capillary thinning dynamics of physically-associated salivary mucin networks. <i>Journal of Rheology</i> , 2017, 61, 1309-1326.	1.3	10
17	A Rheological Study of the Association and Dynamics of MUC5AC Gels. <i>Biomacromolecules</i> , 2017, 18, 3654-3664.	2.6	122
18	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

#	ARTICLE	IF	CITATIONS
19	An analytic solution for capillary thinning and breakup of FENE-P fluids. Journal of Non-Newtonian Fluid Mechanics, 2015, 218, 53-61.	1.0	31