

Alison L Hill

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,746
citations

201385

27
h-index

301761

39
g-index

55
all docs

55
docs citations

55
times ranked

6144
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113561119.	3.3	136
2	A Systematic Review of Coronavirus Disease 2019 Vaccine Efficacy and Effectiveness Against Severe Acute Respiratory Syndrome Coronavirus 2 Infection and Disease. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.4	62
3	Spatiotemporal trends in bed bug metrics: New York City. <i>PLoS ONE</i> , 2022, 17, e0268798.	1.1	3
4	Antigen-driven clonal selection shapes the persistence of HIV-1-infected CD4+ T cells in vivo. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	103
5	Dynamics of COVID-19 under social distancing measures are driven by transmission network structure. <i>PLoS Computational Biology</i> , 2021, 17, e1008684.	1.5	67
6	The effect of eviction moratoria on the transmission of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 2274.	5.8	62
7	Crowding and the shape of COVID-19 epidemics. <i>Nature Medicine</i> , 2020, 26, 1829-1834.	15.2	204
8	Evidence for HIV-1 cure after CCR5 Δ 32/32 allogeneic haemopoietic stem-cell transplantation 30 months post analytical treatment interruption: a case report. <i>Lancet HIV</i> , 2020, 7, e340-e347.	2.1	151
9	Population structure across scales facilitates coexistence and spatial heterogeneity of antibiotic-resistant infections. <i>PLoS Computational Biology</i> , 2020, 16, e1008010.	1.5	19
10	Comparison of empirical and dynamic models for HIV viral load rebound after treatment interruption. <i>Statistical Communications in Infectious Diseases</i> , 2020, 12, .	0.2	3
11	Dynamics of bed bug infestations and control under disclosure policies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6473-6481.	3.3	8
12	Expanded cellular clones carrying replication-competent HIV-1 persist, wax, and wane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2575-E2584.	3.3	173
13	Development of an oral once-weekly drug delivery system for HIV antiretroviral therapy. <i>Nature Communications</i> , 2018, 9, 2.	5.8	180
14	TLR7 agonists induce transient viremia and reduce the viral reservoir in SIV-infected rhesus macaques on antiretroviral therapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	133
15	Prevention of SIVmac251 reservoir seeding in rhesus monkeys by early antiretroviral therapy. <i>Nature Communications</i> , 2018, 9, 5429.	5.8	49
16	Modeling HIV persistence and cure studies. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 428-434.	1.5	5
17	Insight into treatment of HIV infection from viral dynamics models. <i>Immunological Reviews</i> , 2018, 285, 9-25.	2.8	51
18	Life cycle synchronization is a viral drug resistance mechanism. <i>PLoS Computational Biology</i> , 2018, 14, e1005947.	1.5	22

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19	Mathematical Models of HIV Latency. <i>Current Topics in Microbiology and Immunology</i> , 2017, 417, 131-156.	0.7	18
20	Re-evaluating evolution in the HIV reservoir. <i>Nature</i> , 2017, 551, E6-E9.	13.7	60
21	HIV-1 persistence following extremely early initiation of antiretroviral therapy (ART) during acute HIV-1 infection: An observational study. <i>PLoS Medicine</i> , 2017, 14, e1002417.	3.9	186
22	Ad26/MVA therapeutic vaccination with TLR7 stimulation in SIV-infected rhesus monkeys. <i>Nature</i> , 2016, 540, 284-287.	13.7	246
23	Real-Time Predictions of Reservoir Size and Rebound Time during Antiretroviral Therapy Interruption Trials for HIV. <i>PLoS Pathogens</i> , 2016, 12, e1005535.	2.1	85
24	Insufficient Evidence for Rare Activation of Latent HIV in the Absence of Reservoir-Reducing Interventions. <i>PLoS Pathogens</i> , 2016, 12, e1005679.	2.1	19
25	Designing and Interpreting Limiting Dilution Assays: General Principles and Applications to the Latent Reservoir for Human Immunodeficiency Virus-1. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv123.	0.4	119
26	Imperfect drug penetration leads to spatial monotherapy and rapid evolution of multidrug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2874-83.	3.3	142
27	Evolution and emergence of infectious diseases in theoretical and real-world networks. <i>Nature Communications</i> , 2015, 6, 6101.	5.8	102
28	Ex vivo analysis identifies effective HIV-1 latency-reversing drug combinations. <i>Journal of Clinical Investigation</i> , 2015, 125, 1901-1912.	3.9	340
29	Rapid seeding of the viral reservoir prior to SIV viraemia in rhesus monkeys. <i>Nature</i> , 2014, 512, 74-77.	13.7	527
30	Evolutionary dynamics of infectious diseases in finite populations. <i>Journal of Theoretical Biology</i> , 2014, 360, 149-162.	0.8	17
31	Predicting the outcomes of treatment to eradicate the latent reservoir for HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13475-13480.	3.3	249
32	Antiretroviral-Free HIV-1 Remission and Viral Rebound After Allogeneic Stem Cell Transplantation. <i>Annals of Internal Medicine</i> , 2014, 161, 319.	2.0	370
33	Antiretroviral dynamics determines HIV evolution and predicts therapy outcome. <i>Nature Medicine</i> , 2012, 18, 1378-1385.	15.2	159
34	A mathematical model for the hemoglobin response to iron intake, based on iron absorption measurements from habitually consumed Indian meals. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 481-487.	1.3	7
35	Evolutionary dynamics of HIV at multiple spatial and temporal scales. <i>Journal of Molecular Medicine</i> , 2012, 90, 543-561.	1.7	19
36	Emotions as infectious diseases in a large social network: the SISa model. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3827-3835.	1.2	253

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37	Infectious Disease Modeling of Social Contagion in Networks. PLoS Computational Biology, 2010, 6, e1000968.	1.5	156
38	Silicon Nanoparticles as Hyperpolarized Magnetic Resonance Imaging Agents. ACS Nano, 2009, 3, 4003-4008.	7.3	92
39	Heterocyst patterns without patterning proteins in cyanobacterial filaments. Developmental Biology, 2007, 312, 427-434.	0.9	18
40	Projected resurgence of COVID-19 in the United States in July–December 2021 resulting from the increased transmissibility of the Delta variant and faltering vaccination. ELife, 0, 11, .	2.8	22