

Ganna Rozhnova

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,358
citations

623699

14
h-index

501174

28
g-index

47
all docs

47
docs citations

47
times ranked

2382
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of delays on effectiveness of contact tracing strategies for COVID-19: a modelling study. <i>Lancet Public Health, The</i> , 2020, 5, e452-e459.	10.0	610
2	Impact of self-imposed prevention measures and short-term government-imposed social distancing on mitigating and delaying a COVID-19 epidemic: A modelling study. <i>PLoS Medicine</i> , 2020, 17, e1003166.	8.4	213
3	Controlling the pandemic during the SARS-CoV-2 vaccination rollout. <i>Nature Communications</i> , 2021, 12, 3674.	12.8	98
4	Model-based evaluation of school- and non-school-related measures to control the COVID-19 pandemic. <i>Nature Communications</i> , 2021, 12, 1614.	12.8	58
5	Fluctuations and oscillations in a simple epidemic model. <i>Physical Review E</i> , 2009, 79, 041922.	2.1	34
6	Isolation and Contact Tracing Can Tip the Scale to Containment of COVID-19 in Populations With Social Distancing. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	30
7	Challenges for modelling interventions for future pandemics. <i>Epidemics</i> , 2022, 38, 100546.	3.0	30
8	Antigenic evolution of viruses in host populations. <i>PLoS Pathogens</i> , 2018, 14, e1007291.	4.7	26
9	Conflicting Selection Pressures Will Constrain Viral Escape from Interfering Particles: Principles for Designing Resistance-Proof Antivirals. <i>PLoS Computational Biology</i> , 2016, 12, e1004799.	3.2	22
10	Impact of Heterogeneity in Sexual Behavior on Effectiveness in Reducing HIV Transmission with Test-and-Treat Strategy. <i>PLoS Computational Biology</i> , 2016, 12, e1005012.	3.2	20
11	Stochastic effects in a seasonally forced epidemic model. <i>Physical Review E</i> , 2010, 82, 041906.	2.1	18
12	Elimination prospects of the Dutch HIV epidemic among men who have sex with men in the era of preexposure prophylaxis. <i>Aids</i> , 2018, 32, 2615-2623.	2.2	18
13	Phase lag in epidemics on a network of cities. <i>Physical Review E</i> , 2012, 85, 051912.	2.1	15
14	Stochastic oscillations in models of epidemics on a network of cities. <i>Physical Review E</i> , 2011, 84, 051919.	2.1	14
15	Modelling the long-term dynamics of pre-vaccination pertussis. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2959-2970.	3.4	13
16	Short- and long-term impact of vaccination against cytomegalovirus: a modeling study. <i>BMC Medicine</i> , 2020, 18, 174.	5.5	13
17	Cluster approximations for infection dynamics on random networks. <i>Physical Review E</i> , 2009, 80, 051915.	2.1	12
18	Characterizing the dynamics of rubella relative to measles: the role of stochasticity. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130643.	3.4	12

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19	The Rhythm of Risk: Sexual Behaviour, PrEP Use and HIV Risk Perception Between 1999 and 2018 Among Men Who Have Sex with Men in Amsterdam, The Netherlands. <i>AIDS and Behavior</i> , 2021, 25, 1800-1809.	2.7	11
20	Impact of sexual trajectories of men who have sex with men on the reduction in HIV transmission by pre-exposure prophylaxis. <i>Epidemics</i> , 2019, 28, 100337.	3.0	6
21	SIRS Dynamics on Random Networks: Simulations and Analytical Models. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009, , 792-797.	0.3	5
22	The perceived impact of an HIV cure by people living with HIV and key populations vulnerable to HIV in the Netherlands: A qualitative study. <i>Journal of Virus Eradication</i> , 2022, 8, 100066.	0.5	5
23	Population dynamics on random networks: simulations and analytical models. <i>European Physical Journal B</i> , 2010, 74, 235-242.	1.5	4
24	Modelling the dynamics of population viral load measures under HIV treatment as prevention. <i>Infectious Disease Modelling</i> , 2018, 3, 160-170.	1.9	4
25	Quantifying heterogeneity in sexual behaviour and distribution of STIs before and after pre-exposure prophylaxis among men who have sex with men. <i>Sexually Transmitted Infections</i> , 2022, 98, 395-400.	1.9	4
26	Impact of commuting on disease persistence in heterogeneous metapopulations. <i>Ecological Complexity</i> , 2014, 19, 124-129.	2.9	2
27	Time for change: Transitions between HIV risk levels and determinants of behavior change in men who have sex with men. <i>PLoS ONE</i> , 2021, 16, e0259913.	2.5	2
28	Title is missing!. , 2020, 17, e1003166.		0
29	Title is missing!. , 2020, 17, e1003166.		0
30	Title is missing!. , 2020, 17, e1003166.		0
31	Title is missing!. , 2020, 17, e1003166.		0
32	Title is missing!. , 2020, 17, e1003166.		0
33	Title is missing!. , 2020, 17, e1003166.		0