

Ganna Rozhnova

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,358
citations

623734
14
h-index

501196
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. Lancet Public Health, The, 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. PLoS Medicine, 2020, 17, e1003166.	8.4	213
3	Controlling the pandemic during the SARS-CoV-2 vaccination rollout. Nature Communications, 2021, 12, 3674.	12.8	98
4	Model-based evaluation of school- and non-school-related measures to control the COVID-19 pandemic. Nature Communications, 2021, 12, 1614.	12.8	58
5	Fluctuations and oscillations in a simple epidemic model. Physical Review E, 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. Frontiers in Physics, 2021, 8, .	2.1	30
7	Challenges for modelling interventions for future pandemics. Epidemics, 2022, 38, 100546.	3.0	30
8	Antigenic evolution of viruses in host populations. PLoS Pathogens, 2018, 14, e1007291.	4.7	26
9	Conflicting Selection Pressures Will Constrain Viral Escape from Interfering Particles: Principles for Designing Resistance-Proof Antivirals. PLoS Computational Biology, 2016, 12, e1004799.	3.2	22
10	Impact of Heterogeneity in Sexual Behavior on Effectiveness in Reducing HIV Transmission with Test-and-Treat Strategy. PLoS Computational Biology, 2016, 12, e1005012.	3.2	20
11	Stochastic effects in a seasonally forced epidemic model. Physical Review E, 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. Aids, 2018, 32, 2615-2623.	2.2	18
13	Phase lag in epidemics on a network of cities. Physical Review E, 2012, 85, 051912.	2.1	15
14	Stochastic oscillations in models of epidemics on a network of cities. Physical Review E, 2011, 84, 051919.	2.1	14
15	Modelling the long-term dynamics of pre-vaccination pertussis. Journal of the Royal Society Interface, 2012, 9, 2959-2970.	3.4	13
16	Short- and long-term impact of vaccination against cytomegalovirus: a modeling study. BMC Medicine, 2020, 18, 174.	5.5	13
17	Cluster approximations for infection dynamics on random networks. Physical Review E, 2009, 80, 051915.	2.1	12
18	Characterizing the dynamics of rubella relative to measles: the role of stochasticity. Journal of the Royal Society Interface, 2013, 10, 20130643.	3.4	12

#	ARTICLE	IF	CITATIONS
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. AIDS and Behavior, 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. Epidemics, 2019, 28, 100337.	3.0	6
21	SIRS Dynamics on Random Networks: Simulations and Analytical Models. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 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. Journal of Virus Eradication, 2022, 8, 100066.	0.5	5
23	Population dynamics on random networks: simulations and analytical models. European Physical Journal B, 2010, 74, 235-242.	1.5	4
24	Modelling the dynamics of population viral load measures under HIV treatment as prevention. Infectious Disease Modelling, 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. Sexually Transmitted Infections, 2022, 98, 395-400.	1.9	4
26	Impact of commuting on disease persistence in heterogeneous metapopulations. Ecological Complexity, 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. PLoS ONE, 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