

Marc Artzrouni

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

210
citations

1163117

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1058476

14
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21
all docs

21
docs citations

21
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Models Useful? Reflections on Simple Epidemic Projection Models and the Covid-19 Pandemic. <i>Mathematical Intelligencer</i> , 2020, 42, 1-9.	0.2	1
2	A syringe-sharing model for the spread of HIV: application to Omsk, Western Siberia. <i>Mathematical Medicine and Biology</i> , 2017, 34, dqv036.	1.2	1
3	Nerlove's Arrow: A New Solution to an Old Problem. <i>Journal of Optimization Theory and Applications</i> , 2017, 172, 267-280.	1.5	6
4	Using High Performance Algorithms for the Hybrid Simulation of Disease Dynamics on CPU and GPU. <i>Procedia Computer Science</i> , 2015, 51, 150-159.	2.0	10
5	The debt trap: A two-compartment train wreck and how to avoid it. <i>Journal of Policy Modeling</i> , 2014, 36, 241-256.	3.1	4
6	A Leslie matrix model for <i>Sicyopterus lagocephalus</i> in La Réunion: Sensitivity, uncertainty and research prioritization. <i>Mathematical Biosciences</i> , 2014, 256, 18-27.	1.9	9
7	Consistent partnership formation: Application to a sexually transmitted disease model. <i>Mathematical Biosciences</i> , 2012, 235, 182-188.	1.9	1
8	Do Men and Women Have the Same Average Number of Lifetime Partners?. <i>Mathematical Population Studies</i> , 2010, 17, 242-256.	2.2	1
9	The mathematics of Ponzi schemes. <i>Mathematical Social Sciences</i> , 2009, 58, 190-201.	0.5	38
10	Transmission Probabilities and Reproduction Numbers for Sexually Transmitted Infections with Variable Infectivity: Application to the Spread of HIV Between Low- and High-Activity Populations. <i>Mathematical Population Studies</i> , 2009, 16, 266-287.	2.2	5
11	A parity-structured matrix model for tsetse populations. <i>Mathematical Biosciences</i> , 2006, 204, 215-231.	1.9	6
12	Back-calculation and projection of the HIV/AIDS epidemic among homosexual/bisexual men in three European countries: Evaluation of past projections and updates allowing for treatment effects. <i>European Journal of Epidemiology</i> , 2003, 19, 171-179.	5.7	9
13	Population Dynamics of Sleeping Sickness: A Microsimulation. <i>Simulation and Gaming</i> , 2001, 32, 215-227.	1.9	9
14	On the Dynamics of the Linear Process $Y(k) = A(k)Y(k-1)$ with Irreducible Matrices $A(k)$. <i>SIAM Journal on Matrix Analysis and Applications</i> , 1996, 17, 822-833.	1.4	3
15	The Formation of the European State System. <i>Historical Methods</i> , 1996, 29, 126-134.	1.5	9
16	A COMPARTMENTAL MODEL OF SLEEPING SICKNESS IN CENTRAL AFRICA. <i>Journal of Biological Systems</i> , 1996, 04, 459-477.	1.4	18
17	Control strategies for sleeping sickness in Central Africa: a model-based approach. <i>Tropical Medicine and International Health</i> , 1996, 1, 753-764.	2.3	23
18	A modeled time-varying density function for the incubation period of AIDS. <i>Journal of Mathematical Biology</i> , 1992, 31, 73-99.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Mathematical investigations of the escape from the Malthusian trap. <i>Mathematical Population Studies</i> , 1990, 2, 269-287.	2.2	37
20	On the dynamics of a population subject to slowly changing vital rates. <i>Mathematical Biosciences</i> , 1986, 80, 265-290.	1.9	7