Marc Artzrouni

List of Publications by Year
in descending order

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20 papers	210 citations	1163117 8 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	185 citing authors

#	Article	IF	Citations
1	The mathematics of Ponzi schemes. Mathematical Social Sciences, 2009, 58, 190-201.	0.5	38
2	Mathematical investigations of the escape from the Malthusian trap. Mathematical Population Studies, 1990, 2, 269-287.	2.2	37
3	Control strategies for sleeping sickness in Central Africa: a modelâ€based approach. Tropical Medicine and International Health, 1996, 1, 753-764.	2.3	23
4	A COMPARTMENTAL MODEL OF SLEEPING SICKNESS IN CENTRAL AFRICA. Journal of Biological Systems, 1996, 04, 459-477.	1.4	18
5	Using High Performance Algorithms for the Hybrid Simulation of Disease Dynamics on CPU and GPU. Procedia Computer Science, 2015, 51, 150-159.	2.0	10
6	The Formation of the European State System. Historical Methods, 1996, 29, 126-134.	1.5	9
7	Population Dynamics of Sleeping Sickness: A Microsimulation. Simulation and Gaming, 2001, 32, 215-227.	1.9	9
8	Back-calculation and projection of the HIV/AIDS epidemic among homosexual/bisexual men in three European countries: Evalution of past projections and updates allowing for treatment effects. European Journal of Epidemiology, 2003, 19, 171-179.	5.7	9
9	A Leslie matrix model for Sicyopterus lagocephalus in La RÃ©union: Sensitivity, uncertainty and research prioritization. Mathematical Biosciences, 2014, 256, 18-27.	1.9	9
10	On the dynamics of a population subject to slowly changing vital rates. Mathematical Biosciences, 1986, 80, 265-290.	1.9	7
11	A parity-structured matrix model for tsetse populations. Mathematical Biosciences, 2006, 204, 215-231.	1.9	6
12	Nerloveâ€“Arrow: A New Solution to an Old Problem. Journal of Optimization Theory and Applications, 2017, 172, 267-280.	1.5	6
13	Transmission Probabilities and Reproduction Numbers for Sexually Transmitted Infections with Variable Infectivity: Application to the Spread of HIV Between Low- and High-Activity Populations. Mathematical Population Studies, 2009, 16, 266-287.	2.2	5
14	The debt trap: A two-compartment train wreckâ€¦ and how to avoid it. Journal of Policy Modeling, 2014, 36, 241-256.	3.1	4
15	On the Dynamics of the Linear Process $Y(k) = A (k)Y (k - 1)$ with Irreducible Matrices $A(k)$. SIAM Journal on Matrix Analysis and Applications, 1996, 17, 822-833.	1.4	3
16	A modeled time-varying density function for the incubation period of AIDS. Journal of Mathematical Biology, 1992, 31, 73-99.	1.9	2
17	Do Men and Women Have the Same Average Number of Lifetime Partners?. Mathematical Population Studies, 2010, 17, 242-256.	2.2	1
18	Consistent partnership formation: Application to a sexually transmitted disease model. Mathematical Biosciences, 2012, 235, 182-188.	1.9	1

#	Article	IF	Citations
19	A syringe-sharing model for the spread of HIV: application to Omsk, Western Siberia. Mathematical Medicine and Biology, 2017, 34, dqv036.	1.2	1
20	Are Models Useful? Reflections on Simple Epidemic Projection Models and the Covid-19 Pandemic. Mathematical Intelligencer, 2020, 42, 1-9.	0.2	1