Lisa Sattenspiel

List of Publications by Year
in descending order

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44 papers	2,146 citations	361045 20 h-index	329751 37 g-index
56 all docs	56 docs citations	56 times ranked	1954 citing authors

#	Article	IF	Citations
1	Modeling and analyzing HIV transmission: the effect of contact patterns. Mathematical Biosciences, 1988, 92, 119-199.	0.9	378
2	Mathematical models to characterize early epidemic growth: A review. Physics of Life Reviews, 2016, 18, 66-97.	1.5	297
3	A structured epidemic model incorporating geographic mobility among regions. Mathematical Biosciences, 1995, 128, 71-91.	0.9	278
4	Stable Populations and Skeletal Age. American Antiquity, 1983, 48, 489-498.	0.6	195
5	Explaining Biased Sex Ratios in Human Populations: A Critique of Recent Studies [and Comments and Reply]. Current Anthropology, 1990, 31, 25-48.	0.8	130
6	The spread and persistence of infectious diseases in structured populations. Mathematical Biosciences, 1988, 90, 341-366.	0.9	118
7	Simulating the Effect of Quarantine on the Spread of the 1918â€“19 Flu in Central Canada. Bulletin of Mathematical Biology, 2003, 65, 1-26.	0.9	99
8	Thinking clearly about social aspects of infectious disease transmission. Nature, 2021, 595, 205-213.	13.7	71
9	Finding optimal vaccination strategies under parameter uncertainty using stochastic programming. Mathematical Biosciences, 2008, 215, 144-151.	0.9	66
10	The Geographic Spread of Infectious Diseases: Models and Applications. , 2009, , .		46
11	Social contexts, syndemics, and infectious disease in northern Aboriginal populations. American Journal of Human Biology, 2007, 19, 190-202.	0.8	43
12	Defining epidemics in computer simulation models: How do definitions influence conclusions?. Epidemics, 2017, 19, 24-32.	1.5	42
13	Mortality from contact-related epidemics among indigenous populations in Greater Amazonia. Scientific Reports, 2015, 5, 14032.	1.6	41
14	Tropical environments, human activities, and the transmission of infectious diseases. American Journal of Physical Anthropology, 2000, 113, 3-31.	2.1	32
15	Environmental context, social interactions, and the spread of HIV. American Journal of Human Biology, 1990, 2, 397-417.	0.8	31
16	Modeling the spread of infectious disease in human populations. American Journal of Physical Anthropology, 1990, 33, 245-276.	2.1	30
17	The design and use of an agentâ€based model to simulate the 1918 influenza epidemic at Norway House, Manitoba. American Journal of Human Biology, 2009, 21, 290-300.	0.8	30
18	Regional patterns of mortality during the 1918 influenza pandemic in Newfoundland. Vaccine, 2011, 29, B33-B37.	1.7	28

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19	Epidemics in nonrandomly mixing populations: A simulation. American Journal of Physical Anthropology, 1987, 73, 251-265.	2.1	24
20	Influenza-Associated Mortality during the 1918â€“1919 Influenza Pandemic in Alaska and Labrador. Social Science History, 2013, 37, 177-229.	0.5	24
21	The effects of population structure on the spread of the HIV infection. American Journal of Physical Anthropology, 1990, 82, 421-429.	2.1	20
22	Agentâ€based modeling of the spread of the 1918â€“1919 flu in three Canadian fur trading communities. American Journal of Human Biology, 2010, 22, 757-767.	0.8	20
23	Modeling the influence of settlement structure on the spread of influenza among communities. American Journal of Human Biology, 2000, 12, 736-748.	0.8	18
24	Sexâ€•and ageâ€based differences in mortality during the 1918 influenza pandemic on the island of Newfoundland. American Journal of Human Biology, 2019, 31, e23198.	0.8	13
25	The 1918 influenza pandemic did not accelerate tuberculosis mortality decline in earlyâ€20th century Newfoundland: Investigating historical and social explanations. American Journal of Physical Anthropology, 2021, 176, 179-191.	2.1	9
26	Indigenous peoples and pandemics. Scandinavian Journal of Public Health, 2022, 50, 662-667.	1.2	8
27	The second epidemiologic transition on the brink: What we can learn from the island of Newfoundland during the early 20th century. American Journal of Human Biology, 2017, 29, e22997.	0.8	7
28	COCIRCULATING EPIDEMICS, CHRONIC HEALTH PROBLEMS, AND SOCIAL CONDITIONS IN EARLY 20TH CENTURY LABRADOR AND ALASKA. Annals of Anthropological Practice, 2012, 36, 402-421.	0.1	6
29	The Structure and Context of Social Interactions and the Spread of HIV. Lecture Notes in Biomathematics, 1989, , 242-259.	0.3	5
30	Gleaning signals about the past from cemetery data. American Journal of Physical Anthropology, 2010, 142, 7-21.	2.1	4
31	Applications of Agent-Based Modelling Techniques to Studies of Historical Epidemics: The 1918 Flu in Newfoundland and Labrador. Journal of the Canadian Historical Association, 2014, 25, 265-296.	0.0	4
32	Spread and maintenance of a disease in a structured population. American Journal of Physical Anthropology, 1988, 77, 497-504.	2.1	3
33	Infectious diseases in the historical archives: a modeling approach. , 2002, , 234-265.		2
34	Coevolution of Humans and Pathogens. , 2015, , 415-426.		2
35	Early sub-exponential epidemic growth: Simple models, nonlinear incidence rates, and additional mechanisms. Physics of Life Reviews, 2016, 18, 114-117.	1.5	2
36	â€œWe didn't get much schooling because we were fishing all the timeâ€• Potential impacts of irregular school attendance on the spread of epidemics. American Journal of Human Biology, 2021, , e23578.	0.8	2

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37	Modeling Archaeology: Origins of the Artificial Anasazi Project and Beyond. Advances in Geographic Information Science, 2015, , 37-50.	0.3	2
38	Using cultural, historical, and epidemiological data to inform, calibrate, and verify model structures in agent-based simulations. Mathematical Biosciences and Engineering, 2019, 16, 3071-3093.	1.0	2
39	Biological invasions: Theory and practice. American Journal of Human Biology, 1998, 10, 683-684.	0.8	1
40	Epidemic Models With and Without Mortality: When Does It Matter?. , 2016, , 313-327.		1
41	Mosquito: A Natural History of Our Most Persistent and Deadly Foe. By AndrewÂ SpielmanÂ and , MichaelÂ Dâ€™Antonio. New York: Hyperion. $22.95. xix + 247 p + 8 pl; ill.; index. ISBN: 0â€“7868â€“6781â€“7. 2001.. Quarterly Review of Biology, 2002, 77, 461-461.	0.0	0
42	The evolution, transmission and geographic spread of infectious diseases in human populations. Society for the Study of Human Biology, 2004, , 40-63.	0.3	0
43	MODELING THE GEOGRAPHIC SPREAD OF INFECTIOUS DISEASES USING POPULATION- AND INDIVIDUAL-BASED APPROACHES. , 2007, , .		0
44	: Medical Anthropology in Ecological Perspective . Ann McElroy, Patricia K. Townsend.. Medical Anthropology Newsletter, 1986, 17, 106-107.	0.0	0