Laura Temime

List of Publications by Year
in descending order

47 papers	1,097 citations	361413 20 h-index	454955 30 g-index
70 all docs	70 docs citations	70 times ranked	1437 citing authors

#	Article	IF	Citations
1	Peripatetic health-care workers as potential superspreaders. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18420-18425.	7.1	110
2	Demographic and occupational predictors of stress and fatigue in French intensive-care registered nurses and nurses' aides: A cross-sectional study. International Journal of Nursing Studies, 2015, 52, 250-259.	5.6	77
3	Optimizing COVID-19 surveillance in long-term care facilities: a modelling study. BMC Medicine, 2020, 18, 386.	5.5	71
4	Contribution of mathematical modeling to the fight against bacterial antibiotic resistance. Current Opinion in Infectious Diseases, 2011, 24, 279-287.	3.1	65
5	Detailed Contact Data and the Dissemination of Staphylococcus aureus in Hospitals. PLoS Computational Biology, 2015, 11, e1004170.	3.2	55
6	Antibiotic Dose Impact on Resistance Selection in the Community: a Mathematical Model of Î²-Lactams and <i>Streptococcus pneumoniae</i> Dynamics. Antimicrobial Agents and Chemotherapy, 2010, 54, 2330-2337.	3.2	45
7	Spread of hospital-acquired infections: A comparison of healthcare networks. PLoS Computational Biology, 2017, 13, e1005666.	3.2	39
8	Assessing pneumococcal meningitis association with viral respiratory infections and antibiotics: insights from statistical and mathematical models. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130519.	2.6	36
9	S. pneumoniaetransmission according to inclusion in conjugate vaccines: Bayesian analysis of a longitudinal follow-up in schools. BMC Infectious Diseases, 2006, 6, 14.	2.9	33
10	Impact of Antibiotic Exposure Patterns on Selection of Community-Associated Methicillin-Resistant Staphylococcus aureus in Hospital Settings. Antimicrobial Agents and Chemotherapy, 2011, 55, 4888-4895.	3.2	33
11	Measuring dynamic social contacts in a rehabilitation hospital: effect of wards, patient and staff characteristics. Scientific Reports, 2018, 8, 1686.	3.3	32
12	A Conceptual Discussion About the Basic Reproduction Number of Severe Acute Respiratory Syndrome Coronavirus 2 in Healthcare Settings. Clinical Infectious Diseases, 2021, 72, 141-143.	5.8	29
13	Impact of hand hygiene on the infectious risk in nursing home residents: A systematic review. American Journal of Infection Control, 2015, 43, e47-e52.	2.3	26
14	Temporal trends in socioeconomic inequalities in HIV testing: an analysis of cross-sectional surveys from 16 sub-Saharan African countries. The Lancet Global Health, 2020, 8, e808-e818.	6.3	26
15	The role of hand hygiene in controlling norovirus spread in nursing homes. BMC Infectious Diseases, 2016, 16, 395.	2.9	25
16	Close proximity interactions support transmission of ESBL-K. pneumoniae but not ESBL-E. coli in healthcare settings. PLoS Computational Biology, 2019, 15, e1006496.	3.2	25
17	Impact of Capsular Switch on Invasive Pneumococcal Disease Incidence in a Vaccinated Population. PLoS ONE, 2008, 3, e3244.	2.5	24
18	Investigating Heterogeneity in Pneumococcal Transmission. Journal of the American Statistical Association, 2006, 101, 946-958.	3.1	23

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19	Cost-Effectiveness of Magnetic Resonance Imaging with a New Contrast Agent for the Early Diagnosis of Alzheimer's Disease. PLoS ONE, 2012, 7, e35559.	2.5	22
20	Antibiotic Reduction Campaigns Do Not Necessarily Decrease Bacterial Resistance: the Example of Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2013, 57, 4410-4416.	3.2	21
21	Management of nurse shortage and its impact on pathogen dissemination in the intensive care unit. Epidemics, 2014, 9, 62-69.	3.0	21
22	Impact of a multicomponent hand hygieneâ€"related intervention on the infectious risk in nursing homes: A cluster randomized trial. American Journal of Infection Control, 2018, 46, 173-179.	2.3	21
23	Mathematical models of infection transmission in healthcare settings: recent advances from the use of network structured data. Current Opinion in Infectious Diseases, 2017, 30, 410-418.	3.1	19
24	Rapid antigen testing as a reactive response to surges in nosocomial SARS-CoV-2 outbreak risk. Nature Communications, 2022, 13, 236.	12.8	15
25	NosoSim: an agent-based model of nosocomial pathogens circulation in hospitals. Procedia Computer Science, 2010, 1, 2245-2252.	2.0	14
26	Interindividual Contacts and Carriage of Methicillin-Resistant *Staphylococcus aureus*: A Nested Case-Control Study. Infection Control and Hospital Epidemiology, 2015, 36, 922-929.	1.8	14
27	Hepatitis C virus infection and risk factors among patients and health-care workers of Ain Shams University hospitals, Cairo, Egypt. PLoS ONE, 2021, 16, e0246836.	2.5	14
28	A Oneâ€Health Quantitative Model to Assess the Risk of Antibiotic Resistance Acquisition in Asian Populations: Impact of Exposure Through Food, Water, Livestock and Humans. Risk Analysis, 2021, 41, 1427-1446.	2.7	13
29	Determinants of healthcare worker turnover in intensive care units: A micro-macro multilevel analysis. PLoS ONE, 2021, 16, e0251779.	2.5	13
30	Antibiotic Innovation May Contribute to Slowing the Dissemination of Multiresistant Streptococcus pneumoniae: The Example of Ketolides. PLoS ONE, 2008, 3, e2089.	2.5	12
31	Nosolink: An Agent-based Approach to Link Patient Flows and Staff Organization with the Circulation of Nosocomial Pathogens in an Intensive Care Unit. Procedia Computer Science, 2013, 18, 1485-1494.	2.0	11
32	Dynamics of livestock-associated methicillin resistant Staphylococcus aureus in pig movement networks: Insight from mathematical modeling and French data. Epidemics, 2020, 31, 100389.	3.0	10
33	A hospital-wide intervention replacing ceftriaxone with cefotaxime to reduce rate of healthcare-associated infections caused by extended-spectrum Î²-lactamase-producing Enterobacteriaceae in the intensive care unit. Intensive Care Medicine, 2018, 44, 672-673.	8.2	9
34	Assessing the role of inter-facility patient transfer in the spread of carbapenemase-producing Enterobacteriaceae: the case of France between 2012 and 2015. Scientific Reports, 2020, 10, 14910.	3.3	8
35	Monitoring socioeconomic inequalities across HIV knowledge, attitudes, behaviours and prevention in 18 sub-Saharan African countries. Aids, 2022, 36, 871-879.	2.2	7
36	Pneumococcal Resistance in the Postvaccine Era. Pediatric Infectious Disease Journal, 2006, 25, 382-383.	2.0	6

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37	Modelers' Perception of Mathematical Modeling in Epidemiology: A Web-Based Survey. PLoS ONE, 2011, 6, e16531.	2.5	6
38	Microbiome-pathogen interactions drive epidemiological dynamics of antibiotic resistance: A modeling study applied to nosocomial pathogen control. ELife, 2021, 10, .	6.0	6
39	Monitoring sick leave data for early detection of influenza outbreaks. BMC Infectious Diseases, 2021, 21, 52.	2.9	6
40	Measuring Basic Reproduction Number to Assess Effects of Nonpharmaceutical Interventions on Nosocomial SARS-CoV-2 Transmission. Emerging Infectious Diseases, 2022, 28, 1345-1354.	4.3	6
41	CTCmodeler: An Agent-Based Framework to Simulate Pathogen Transmission Along an Inter-individual Contact Network in a Hospital. Lecture Notes in Computer Science, 2019, , 477-487.	1.3	5
42	Drivers of ESBL-producing Escherichia coli dynamics in calf fattening farms: A modelling study. One Health, 2021, 12, 100238.	3.4	5
43	Deterministic and Stochastic Modeling of Pneumococcal Resistance to Penicillin. Mathematical Population Studies, 2005, 12, 1-16.	2.2	3
44	Contributions of modelling for the control of COVID-19 nosocomial transmission. Anaesthesia, Critical Care & Pain Medicine, 2022, 41, 101054.	1.4	3
45	Estimation of Balanced Simultaneous Confidence Sets for SIR Models. Communications in Statistics Part B: Simulation and Computation, 2006, 35, 803-812.	1.2	1
46	Les enjeux scientifiques de la sÃ©curitÃ© sanitaire des mÃ©dicaments. Annales Des Mines - RÃ©alitÃ©s Industrielles, 2011, Novembre 2011, 13-18.	0.1	0
47	Chapitre 12. ContrÃ´ler la propagation du SRAS-CoV-2 en milieu de soinsÂ: apports de la modÃ©lisation. , 2022, , 123-130.		0