

Nathaniel Hupert

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,561
citations

279487

23
h-index

197535

49
g-index

58
all docs

58
docs citations

58
times ranked

8667
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Characteristics of Covid-19 in New York City. <i>New England Journal of Medicine</i> , 2020, 382, 2372-2374.	13.9	1,836
2	Triage of Scarce Critical Care Resources in COVID-19 An Implementation Guide for Regional Allocation. <i>Chest</i> , 2020, 158, 212-225.	0.4	231
3	Initial human transmission dynamics of the pandemic (H1N1) 2009 virus in North America. <i>Influenza and Other Respiratory Viruses</i> , 2009, 3, 215-222.	1.5	123
4	Using influenza surveillance networks to estimate state-specific prevalence of SARS-CoV-2 in the United States. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	91
5	Modeling the Public Health Response to Bioterrorism: Using Discrete Event Simulation to Design Antibiotic Distribution Centers. <i>Medical Decision Making</i> , 2002, 22, 17-25.	1.2	87
6	Mechanical Ventilators in US Acute Care Hospitals. <i>Disaster Medicine and Public Health Preparedness</i> , 2010, 4, 199-206.	0.7	77
7	The Shifting Demographic Landscape of Pandemic Influenza. <i>PLoS ONE</i> , 2010, 5, e9360.	1.1	76
8	Obesity and COVID-19 in New York City: A Retrospective Cohort Study. <i>Annals of Internal Medicine</i> , 2020, 173, 855-858.	2.0	72
9	Modeling and public health emergency responses: Lessons from SARS. <i>Epidemics</i> , 2011, 3, 32-37.	1.5	62
10	System-Level Planning, Coordination, and Communication. <i>Chest</i> , 2014, 146, e87S-e102S.	0.4	52
11	Optimizing emergency preparedness and resource utilization in mass-casualty incidents. <i>European Journal of Operational Research</i> , 2016, 255, 531-544.	3.5	49
12	Is Overtriage Associated With Increased Mortality? Insights From a Simulation Model of Mass Casualty Trauma Care. <i>Disaster Medicine and Public Health Preparedness</i> , 2007, 1, S14-S24.	0.7	47
13	Modelling the COVID-19 pandemic in context: an international participatory approach. <i>BMJ Global Health</i> , 2020, 5, e003126.	2.0	47
14	COVID-19 Models for Hospital Surge Capacity Planning: A Systematic Review. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 390-397.	0.7	46
15	Impact of the Fall 2009 Influenza A(H1N1)pdm09 Pandemic on US Hospitals. <i>Medical Care</i> , 2013, 51, 259-265.	1.1	45
16	Effectiveness and cost-effectiveness of vaccination against pandemic influenza (H1N1) 2009. <i>Annals of Internal Medicine</i> , 2009, 151, 829-39.	2.0	45
17	Recommendations for Modeling Disaster Responses in Public Health and Medicine: A Position Paper of the Society for Medical Decision Making. <i>Medical Decision Making</i> , 2009, 29, 438-460.	1.2	43
18	Accuracy of Screening for Inhalational Anthrax after a Bioterrorist Attack. <i>Annals of Internal Medicine</i> , 2003, 139, 337.	2.0	43

#	ARTICLE	IF	CITATIONS
19	Implementing Telemedicine in Medical Emergency Response: Concept of Operation for a Regional Telemedicine Hub. <i>Journal of Medical Systems</i> , 2012, 36, 1651-1660.	2.2	39
20	Optimizing Tactics for Use of the U.S. Antiviral Strategic National Stockpile for Pandemic Influenza. <i>PLoS ONE</i> , 2011, 6, e16094.	1.1	38
21	The Importance of Long-term Care Populations in Models of COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 25.	3.8	32
22	Upper extremity musculoskeletal symptoms and functional impairment associated with computer use among college students. <i>Work</i> , 2004, 23, 85-93.	0.6	30
23	The Impact of Frailty on Short-Term Outcomes After Elective Hip and Knee Arthroplasty in Older Adults: A Systematic Review. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2019, 10, 215145931983510.	0.6	28
24	Identifying Meningitis During an Anthrax Mass Casualty Incident: Systematic Review of Systemic Anthrax Since 1880. <i>Clinical Infectious Diseases</i> , 2016, 62, 1537-1545.	2.9	24
25	Predicting Hospital Surge after a Large-Scale Anthrax Attack: A Model-Based Analysis of CDC's Cities Readiness Initiative Prophylaxis Recommendations. <i>Medical Decision Making</i> , 2009, 29, 424-437.	1.2	23
26	Undergraduate college students' upper extremity symptoms and functional limitations related to computer use: a replication study. <i>Work</i> , 2007, 28, 231-8.	0.6	23
27	Mass Medication Modeling in Response to Public Health Emergencies. <i>Journal of Public Health Management and Practice</i> , 2007, 13, 7-15.	0.7	19
28	Heterologous vaccination interventions to reduce pandemic morbidity and mortality: Modeling the US winter 2020 COVID-19 wave. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
29	Contact among healthcare workers in the hospital setting: developing the evidence base for innovative approaches to infection control. <i>BMC Infectious Diseases</i> , 2018, 18, 184.	1.3	18
30	Uncertainty and Operational Considerations in Mass Prophylaxis Workforce Planning. <i>Disaster Medicine and Public Health Preparedness</i> , 2009, 3, S121-S131.	0.7	17
31	Assessment of upper extremity role functioning in students. <i>American Journal of Industrial Medicine</i> , 2002, 41, 19-26.	1.0	15
32	Effects of a participatory ergonomics intervention computer workshop for university students: a pilot intervention to prevent disability in tomorrow's workers. <i>Work</i> , 2002, 18, 305-14.	0.6	15
33	Anticipated reduction in COVID-19 mortality due to population-wide BCG vaccination: evidence from Germany. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2451-2453.	1.4	14
34	A Tool for the Economic Analysis of Mass Prophylaxis Operations With an Application to H1N1 Influenza Vaccination Clinics. <i>Journal of Public Health Management and Practice</i> , 2011, 17, E22-E28.	0.7	13
35	Heterologous vaccine interventions: boosting immunity against future pandemics. <i>Molecular Medicine</i> , 2021, 27, 54.	1.9	13
36	Anticipating Demand for Emergency Health Services due to Medication-related Adverse Events after Rapid Mass Prophylaxis Campaigns. <i>Academic Emergency Medicine</i> , 2007, 14, 268-274.	0.8	10

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37	Anthrax Cases Associated with Animal-Hair Shaving Brushes. <i>Emerging Infectious Diseases</i> , 2017, 23, 806-808.	2.0	9
38	Optimizing targeted vaccination across cyber-physical networks: an empirically based mathematical simulation study. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170783.	1.5	9
39	Optimizing Health Care Coalitions: Conceptual Frameworks and a Research Agenda. <i>Disaster Medicine and Public Health Preparedness</i> , 2015, 9, 717-723.	0.7	8
40	Antibiotics for Anthrax. <i>Archives of Internal Medicine</i> , 2004, 164, 2012.	4.3	7
41	Modeling Tool for Decision Support during Early Days of an Anthrax Event. <i>Emerging Infectious Diseases</i> , 2017, 23, 46-55.	2.0	7
42	Development and Performance of a Checklist for Initial Triage After an Anthrax Mass Exposure Event. <i>Annals of Internal Medicine</i> , 2019, 170, 521.	2.0	6
43	Hospital Self-Prophylaxis Strategies for Efficient Protection of the Workforce in the Face of Infectious Disease Threats. <i>Infection Control and Hospital Epidemiology</i> , 2007, 28, 618-621.	1.0	4
44	The Immunologists'™ Guide to Pandemic Preparedness. <i>Trends in Immunology</i> , 2021, 42, 91-93.	2.9	4
45	Concept of operations for a regional telemedicine hub to improve medical emergency response. , 2009, , .		3
46	Impact of Superstorm Sandy on Medicare Patients'™ Utilization of Hospitals and Emergency Departments. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 1035-1041.	0.6	3
47	Can existing unrelated vaccines boost a COVID-19 vaccine prime?. <i>EClinicalMedicine</i> , 2021, 32, 100758.	3.2	3
48	Changes in SARS-CoV-2 viral load and mortality during the initial wave of the pandemic in New York City. <i>PLoS ONE</i> , 2021, 16, e0257979.	1.1	3
49	Direct observation of computer workplace risk factors of college students. <i>Work</i> , 2007, 28, 77-83.	0.6	3
50	Association between city-wide lockdown and COVID-19 hospitalization rates in multigenerational households in New York City. <i>PLoS ONE</i> , 2022, 17, e0266127.	1.1	3
51	Response to Armstrong et al. <i>Disaster Medicine and Public Health Preparedness</i> , 2008, 2, 5-6.	0.7	0
52	Dynamic Analytics. <i>Journal of Public Health Management and Practice</i> , 2013, 19, S28-S30.	0.7	0
53	Checklist for Initial Triage After an Anthrax Mass Exposure Event. <i>Annals of Internal Medicine</i> , 2019, 171, 449.	2.0	0
54	Extreme immunotherapy: emergency immunology to defeat pandemics. <i>Molecular Medicine</i> , 2021, 27, 112.	1.9	0