

# Nathaniel Hupert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6027725/publications.pdf>

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  | COVID-19 Models for Hospital Surge Capacity Planning: A Systematic Review. Disaster Medicine and Public Health Preparedness, 2022, 16, 390-397.   | 0.7  | 46        |
| 2  | Heterologous vaccination interventions to reduce pandemic morbidity and mortality: Modeling the US winter 2020 COVID-19 wave. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3  | 19        |
| 3  | Association between city-wide lockdown and COVID-19 hospitalization rates in multigenerational households in New York City. PLoS ONE, 2022, 17, e0266127.   | 1.1  | 3         |
| 4  | The Immunologistsâ€™ Guide to Pandemic Preparedness. Trends in Immunology, 2021, 42, 91-93.   | 2.9  | 4         |
| 5  | Anticipated reduction in COVID-19 mortality due to population-wide BCG vaccination: evidence from Germany. Human Vaccines and Immunotherapeutics, 2021, 17, 2451-2453.  | 1.4  | 14        |
| 6  | Can existing unrelated vaccines boost a COVID-19 vaccine prime?. EClinicalMedicine, 2021, 32, 100758.   | 3.2  | 3         |
| 7  | Heterologous vaccine interventions: boosting immunity against future pandemics. Molecular Medicine, 2021, 27, 54.   | 1.9  | 13        |
| 8  | Extreme immunotherapy: emergency immunology to defeat pandemics. Molecular Medicine, 2021, 27, 112.   | 1.9  | 0         |
| 9  | Changes in SARS-CoV-2 viral load and mortality during the initial wave of the pandemic in New York City. PLoS ONE, 2021, 16, e0257979.  | 1.1  | 3         |
| 10 | Obesity and COVID-19 in New York City: A Retrospective Cohort Study. Annals of Internal Medicine, 2020, 173, 855-858.   | 2.0  | 72        |
| 11 | Using influenza surveillance networks to estimate state-specific prevalence of SARS-CoV-2 in the United States. Science Translational Medicine, 2020, 12, .   | 5.8  | 91        |
| 12 | The Importance of Long-term Care Populations in Models of COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 25.  | 3.8  | 32        |
| 13 | Clinical Characteristics of Covid-19 in New York City. New England Journal of Medicine, 2020, 382, 2372-2374.   | 13.9 | 1,836     |
| 14 | Triage of Scarce Critical Care Resources in COVID-19 An Implementation Guide for Regional Allocation. Chest, 2020, 158, 212-225.  | 0.4  | 231       |
| 15 | Modelling the COVID-19 pandemic in context: an international participatory approach. BMJ Global Health, 2020, 5, e003126.   | 2.0  | 47        |
| 16 | The Impact of Frailty on Short-Term Outcomes After Elective Hip and Knee Arthroplasty in Older Adults: A Systematic Review. Geriatric Orthopaedic Surgery and Rehabilitation, 2019, 10, 215145931983510.                    | 0.6  | 28        |
| 17 | Checklist for Initial Triage After an Anthrax Mass Exposure Event. Annals of Internal Medicine, 2019, 171, 449.   | 2.0  | 0         |
| 18 | Development and Performance of a Checklist for Initial Triage After an Anthrax Mass Exposure Event. Annals of Internal Medicine, 2019, 170, 521.  | 2.0  | 6         |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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        |
| 21 | Modeling Tool for Decision Support during Early Days of an Anthrax Event. <i>Emerging Infectious Diseases</i> , 2017, 23, 46-55.  | 2.0 | 7         |
| 22 | 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         |
| 23 | Anthrax Cases Associated with Animal-Hair Shaving Brushes. <i>Emerging Infectious Diseases</i> , 2017, 23, 806-808.   | 2.0 | 9         |
| 24 | Optimizing emergency preparedness and resource utilization in mass-casualty incidents. <i>European Journal of Operational Research</i> , 2016, 255, 531-544.  | 3.5 | 49        |
| 25 | 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        |
| 26 | 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         |
| 27 | System-Level Planning, Coordination, and Communication. <i>Chest</i> , 2014, 146, e87S-e102S.   | 0.4 | 52        |
| 28 | Dynamic Analytics. <i>Journal of Public Health Management and Practice</i> , 2013, 19, S28-S30.   | 0.7 | 0         |
| 29 | Impact of the Fall 2009 Influenza A(H1N1)pdm09 Pandemic on US Hospitals. <i>Medical Care</i> , 2013, 51, 259-265.   | 1.1 | 45        |
| 30 | 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        |
| 31 | Modeling and public health emergency responses: Lessons from SARS. <i>Epidemics</i> , 2011, 3, 32-37.   | 1.5 | 62        |
| 32 | 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        |
| 33 | 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        |
| 34 | Mechanical Ventilators in US Acute Care Hospitals. <i>Disaster Medicine and Public Health Preparedness</i> , 2010, 4, 199-206.  | 0.7 | 77        |
| 35 | The Shifting Demographic Landscape of Pandemic Influenza. <i>PLoS ONE</i> , 2010, 5, e9360.   | 1.1 | 76        |
| 36 | Concept of operations for a regional telemedicine hub to improve medical emergency response. , 2009, , ,  |     | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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       |
| 39 | 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        |
| 40 | Uncertainty and Operational Considerations in Mass Prophylaxis Workforce Planning. <i>Disaster Medicine and Public Health Preparedness</i> , 2009, 3, S121-S131.   | 0.7 | 17        |
| 41 | Effectiveness and cost-effectiveness of vaccination against pandemic influenza (H1N1) 2009. <i>Annals of Internal Medicine</i> , 2009, 151, 829-39.  | 2.0 | 45        |
| 42 | Response to Armstrong et al. <i>Disaster Medicine and Public Health Preparedness</i> , 2008, 2, 5-6.   | 0.7 | 0         |
| 43 | 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        |
| 44 | 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        |
| 45 | 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         |
| 46 | 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        |
| 47 | Direct observation of computer workplace risk factors of college students. <i>Work</i> , 2007, 28, 77-83.  | 0.6 | 3         |
| 48 | 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        |
| 49 | Antibiotics for Anthrax. <i>Archives of Internal Medicine</i> , 2004, 164, 2012.   | 4.3 | 7         |
| 50 | Upper extremity musculoskeletal symptoms and functional impairment associated with computer use among college students. <i>Work</i> , 2004, 23, 85-93.   | 0.6 | 30        |
| 51 | Accuracy of Screening for Inhalational Anthrax after a Bioterrorist Attack. <i>Annals of Internal Medicine</i> , 2003, 139, 337.   | 2.0 | 43        |
| 52 | 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        |
| 53 | Assessment of upper extremity role functioning in students. <i>American Journal of Industrial Medicine</i> , 2002, 41, 19-26.  | 1.0 | 15        |
| 54 | 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        |