

David M Hartley

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,610
citations

304368

22
h-index

223531

46
g-index

55
all docs

55
docs citations

55
times ranked

3947
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality Improvement in Hematopoietic Stem Cell Transplant and Cellular Therapy: Using the Model for Improvement to impact Outcomes. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 233-241.	0.6	5
2	Measuring engagement in a collaborative learning health system: The case of <sc>ImproveCareNow</sc>. <i>Learning Health Systems</i> , 2021, 5, e10225.	1.1	13
3	A collaborative learning health system agent-based model: Computational and face validity. <i>Learning Health Systems</i> , 2021, 5, e10261.	1.1	7
4	Rapid, Bottom-Up Design of a Regional Learning Health System in Response to COVID-19. <i>Mayo Clinic Proceedings</i> , 2021, 96, 849-855.	1.4	19
5	Getting what is needed, when it's needed: Sharing information, knowledge, and know-how in a Collaborative Learning Health System. <i>Learning Health Systems</i> , 2021, 5, e10268.	1.1	4
6	A science of collaborative learning health systems. <i>Learning Health Systems</i> , 2021, 5, e10278.	1.1	15
7	Collaborative learning health systems: Science and practice. <i>Learning Health Systems</i> , 2021, 5, e10286.	1.1	3
8	Testing the Use of Data Drawn from the Electronic Health Record to Compare Quality. <i>Pediatric Quality & Safety</i> , 2021, 6, e432.	0.4	2
9	Use of EHR-Based Pediatric Quality Measures: Views of Health System Leaders and Parents. <i>American Journal of Medical Quality</i> , 2020, 35, 177-185.	0.2	3
10	Organizing for collaboration: An actor-oriented architecture in ImproveCareNow. <i>Learning Health Systems</i> , 2020, 4, e10205.	1.1	27
11	Association Between Statewide School Closure and COVID-19 Incidence and Mortality in the US. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 859.	3.8	406
12	Public Health Interventions for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1908.	3.8	202
13	When infection prevention enters the temple: Intergenerational social distancing and COVID-19. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 868-869.	1.0	15
14	Addressing the Impact of the Coronavirus Disease 2019 (COVID-19) Pandemic on Hematopoietic Cell Transplantation: Learning Networks as a Means for Sharing Best Practices. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, e147-e160.	2.0	37
15	Carbapenem and colistin resistance in Enterobacteriaceae in Southeast Asia: Review and mapping of emerging and overlapping challenges. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 381-399.	1.1	65
16	The Role of Event-Based Biosurveillance in Biodefense. , 2019, , 35-51.		2
17	Review and mapping of carbapenem-resistant Enterobacteriaceae in Africa: Using diverse data to inform surveillance gaps. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 372-384.	1.1	35
18	Coughing, sneezing, and aching online: Twitter and the volume of influenza-like illness in a pediatric hospital. <i>PLoS ONE</i> , 2017, 12, e0182008.	1.1	11

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19	Modeling the Potential for Vaccination to Diminish the Burden of Invasive Non-typhoidal Salmonella Disease in Young Children in Mali, West Africa. PLoS Neglected Tropical Diseases, 2017, 11, e0005283.	1.3	8
20	A Deterministic Model to Quantify Risk and Guide Mitigation Strategies to Reduce Bluetongue Virus Transmission in California Dairy Cattle. PLoS ONE, 2016, 11, e0165806.	1.1	6
21	Disease Prediction Models and Operational Readiness. PLoS ONE, 2014, 9, e91989.	1.1	25
22	Recasting the theory of mosquito-borne pathogen transmission dynamics and control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2014, 108, 185-197.	0.7	142
23	Using Social Media and Internet Data for Public Health Surveillance: The Importance of Talking. Milbank Quarterly, 2014, 92, 34-39.	2.1	21
24	Factors Influencing Performance of Internet-Based Biosurveillance Systems Used in Epidemic Intelligence for Early Detection of Infectious Diseases Outbreaks. PLoS ONE, 2014, 9, e90536.	1.1	43
25	An overview of Internet biosurveillance. Clinical Microbiology and Infection, 2013, 19, 1006-1013.	2.8	63
26	A systematic review of mathematical models of mosquito-borne pathogen transmission: 1970-2010. Journal of the Royal Society Interface, 2013, 10, 20120921.	1.5	306
27	Data-Driven Modeling to Assess Receptivity for Rift Valley Fever Virus. PLoS Neglected Tropical Diseases, 2013, 7, e2515.	1.3	39
28	OPTIMAL CONTROL APPLIED TO RIFT VALLEY FEVER. Natural Resource Modelling, 2013, 26, 385-402.	0.8	6
29	Evaluation of Epidemic Intelligence Systems Integrated in the Early Alerting and Reporting Project for the Detection of A/H5N1 Influenza Events. PLoS ONE, 2013, 8, e57252.	1.1	68
30	Assessing the Continuum of Event-Based Biosurveillance Through an Operational Lens. Biosecurity and Bioterrorism, 2012, 10, 131-141.	1.2	14
31	An Epidemiological Model of Rift Valley Fever with Spatial Dynamics. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-12.	0.7	34
32	Effects of Temperature on Emergence and Seasonality of West Nile Virus in California. American Journal of Tropical Medicine and Hygiene, 2012, 86, 884-894.	0.6	114
33	Event-based internet biosurveillance: relation to epidemiological observation. Emerging Themes in Epidemiology, 2012, 9, 4.	1.2	17
34	Space Imaging and Prevention of Infectious Disease: Rift Valley Fever. , 2012, , 231-255.		3
35	Mathematical Model to Assess the Relative Effectiveness of Rift Valley Fever Countermeasures. International Journal of Artificial Life Research, 2011, 2, 1-18.	0.1	20
36	An exploratory study of a text classification framework for Internet-based surveillance of emerging epidemics. International Journal of Medical Informatics, 2011, 80, 56-66.	1.6	42

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37	Use of media and public-domain Internet sources for detection and assessment of plant health threats. <i>Emerging Health Threats Journal</i> , 2011, 4, 7157.	3.0	15
38	Potential Effects of Rift Valley Fever in the United States. <i>Emerging Infectious Diseases</i> , 2011, 17, e1.	2.0	48
39	The landscape of international event-based biosurveillance. <i>Emerging Health Threats Journal</i> , 2010, 3, 7096.	3.0	26
40	An exploratory study of news article clustering for web-based bio-surveillance. , 2010, , .		0
41	Antiviral Drugs for Treatment of Patients Infected with Pandemic (H1N1) 2009 Virus. <i>Emerging Infectious Diseases</i> , 2009, 15, 1851-1852.	2.0	5
42	Value of Performing Active Surveillance Cultures on Intensive Care Unit Discharge for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Infection Control and Hospital Epidemiology</i> , 2007, 28, 666-670.	1.0	23
43	Methicillin-Resistant <i>Staphylococcus aureus</i> Infection and Colonization Among Hospitalized Prisoners. <i>Infection Control and Hospital Epidemiology</i> , 2007, 28, 877-879.	1.0	12
44	The Role of Institutional Epidemiologic Weight in Guiding Infection Surveillance and Control in Community and Hospital Populations. <i>Infection Control and Hospital Epidemiology</i> , 2006, 27, 170-174.	1.0	12
45	Hyperinfectivity: A Critical Element in the Ability of <i>V. cholerae</i> to Cause Epidemics?. <i>PLoS Medicine</i> , 2005, 3, e7.	3.9	289
46	A multi-species epidemic model with spatial dynamics. <i>Mathematical Medicine and Biology</i> , 2005, 22, 129-142.	0.8	124
47	Of Models and Methods: Our Analytic Armamentarium Applied to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Infection Control and Hospital Epidemiology</i> , 2005, 26, 594-597.	1.0	3
48	Syndromic Surveillance. <i>Emerging Infectious Diseases</i> , 2004, 10, 1334-1335.	2.0	0
49	Syndromic Surveillance and Bioterrorism-related Epidemics. <i>Emerging Infectious Diseases</i> , 2003, 9, 1197-1204.	2.0	192
50	Electron-driven dynamics at the gas/solid interface: dissociation, desorption and reaction of adsorbed molecules. <i>Faraday Discussions</i> , 1993, 96, 117.	1.6	12
51	Mathematical Model to Assess the Relative Effectiveness of Rift Valley Fever Countermeasures. , 0, , 67-82.		0
52	Toward an ontology of collaborative learning healthcare systems. <i>Learning Health Systems</i> , 0, , .	1.1	2