

Raina M Merchant

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

4,644
citations

30
h-index

67
g-index

135
ext. papers

6,298
ext. citations

7.3
avg, IF

6.77
L-index

#	Paper	IF	Citations
113	The Mental Health Consequences of COVID-19 and Physical Distancing: The Need for Prevention and Early Intervention. <i>JAMA Internal Medicine</i> , 2020 , 180, 817-818	11.5	971
112	Incidence of treated cardiac arrest in hospitalized patients in the United States. <i>Critical Care Medicine</i> , 2011 , 39, 2401-6	1.4	321
111	Psychological language on Twitter predicts county-level heart disease mortality. <i>Psychological Science</i> , 2015 , 26, 159-69	7.9	287
110	Twitter as a Tool for Health Research: A Systematic Review. <i>American Journal of Public Health</i> , 2017 , 107, e1-e8	5.1	268
109	Integrating social media into emergency-preparedness efforts. <i>New England Journal of Medicine</i> , 2011 , 365, 289-91	59.2	242
108	Crowdsourcing--harnessing the masses to advance health and medicine, a systematic review. <i>Journal of General Internal Medicine</i> , 2014 , 29, 187-203	4	222
107	Facebook language predicts depression in medical records. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11203-11208	11.5	205
106	Social Media and Emergency Preparedness in Response to Novel Coronavirus. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2011-2012	27.4	176
105	Yelp Reviews Of Hospital Care Can Supplement And Inform Traditional Surveys Of The Patient Experience Of Care. <i>Health Affairs</i> , 2016 , 35, 697-705	7	122
104	Use of social media across US hospitals: descriptive analysis of adoption and utilization. <i>Journal of Medical Internet Research</i> , 2014 , 16, e264	7.6	111
103	Hospital variation in survival after in-hospital cardiac arrest. <i>Journal of the American Heart Association</i> , 2014 , 3, e000400	6	75
102	Protecting the Value of Medical Science in the Age of Social Media and "Fake News". <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2415-2416	27.4	75
101	Twitter as a Potential Data Source for Cardiovascular Disease Research. <i>JAMA Cardiology</i> , 2016 , 1, 1032-1036	16.36	63
100	Location of In-Hospital Cardiac Arrest in the United States-Variability in Event Rate and Outcomes. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	60
99	Cost-effectiveness of therapeutic hypothermia after cardiac arrest. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2009 , 2, 421-8	5.8	59
98	Cell phone cardiopulmonary resuscitation: audio instructions when needed by lay rescuers: a randomized, controlled trial. <i>Annals of Emergency Medicine</i> , 2010 , 55, 538-543.e1	2.1	54
97	Cancer Communication in the Social Media Age. <i>JAMA Oncology</i> , 2016 , 2, 822-3	13.4	52

96	Physiologic monitoring of CPR quality during adult cardiac arrest: A propensity-matched cohort study. <i>Resuscitation</i> , 2016 , 106, 76-82	4	45
95	Linking social media and medical record data: a study of adults presenting to an academic, urban emergency department. <i>BMJ Quality and Safety</i> , 2016 , 25, 414-23	5.4	42
94	Health care volunteers and disaster response--first, be prepared. <i>New England Journal of Medicine</i> , 2010 , 362, 872-3	59.2	42
93	Relationship Between State-Level Google Online Search Volume and Cancer Incidence in the United States: Retrospective Study. <i>Journal of Medical Internet Research</i> , 2018 , 20, e6	7.6	42
92	Public Priorities and Concerns Regarding COVID-19 in an Online Discussion Forum: Longitudinal Topic Modeling. <i>Journal of General Internal Medicine</i> , 2020 , 35, 2244-2247	4	41
91	Tracking Mental Health and Symptom Mentions on Twitter During COVID-19. <i>Journal of General Internal Medicine</i> , 2020 , 35, 2798-2800	4	41
90	Evaluating the predictability of medical conditions from social media posts. <i>PLoS ONE</i> , 2019 , 14, e02154367	3.7	40
89	Cardiac catheterization is underutilized after in-hospital cardiac arrest. <i>Resuscitation</i> , 2008 , 79, 398-403	4	40
88	What do patients say about emergency departments in online reviews? A qualitative study. <i>BMJ Quality and Safety</i> , 2016 , 25, 14-24	5.4	36
87	A crowdsourcing innovation challenge to locate and map automated external defibrillators. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 229-36	5.8	35
86	Variability in case-mix adjusted in-hospital cardiac arrest rates. <i>Medical Care</i> , 2012 , 50, 124-30	3.1	32
85	Twitter sentiment predicts Affordable Care Act marketplace enrollment. <i>Journal of Medical Internet Research</i> , 2015 , 17, e51	7.6	32
84	Evaluating the Potential Role of Social Media in Preventive Health Care. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 411-412	27.4	31
83	Using Twitter to Measure Public Discussion of Diseases: A Case Study. <i>JMIR Public Health and Surveillance</i> , 2015 , 1, e6	11.4	29
82	Studying expressions of loneliness in individuals using twitter: an observational study. <i>BMJ Open</i> , 2019 , 9, e030355	3	28
81	Language of ADHD in Adults on Social Media. <i>Journal of Attention Disorders</i> , 2019 , 23, 1475-1485	3.7	28
80	Can you find an automated external defibrillator if a life depends on it?. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, 241-3	5.8	25
79	Hospital racial composition: a neglected factor in cardiac arrest survival disparities. <i>American Heart Journal</i> , 2011 , 161, 705-11	4.9	24

78	Public Health Messaging in an Era of Social Media. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 223-224	27.4	24
77	Public knowledge of automatic external defibrillators in a large U.S. urban community. <i>Resuscitation</i> , 2015 , 92, 101-6	4	23
76	Seeing Health Insurance and HealthCare.gov Through the Eyes of Young Adults. <i>Journal of Adolescent Health</i> , 2015 , 57, 137-43	5.8	23
75	Cardiopulmonary resuscitation for in-hospital events in the emergency department: A comparison of adult and pediatric outcomes and care processes. <i>Resuscitation</i> , 2015 , 92, 94-100	4	22
74	Hidden in plain sight: a crowdsourced public art contest to make automated external defibrillators more visible. <i>American Journal of Public Health</i> , 2014 , 104, 2306-12	5.1	21
73	An "Intention-Focused" paradigm for improving bystander CPR performance. <i>Resuscitation</i> , 2015 , 88, 48-51	4	21
72	LESSONS LEARNED ABOUT PUBLIC HEALTH FROM ONLINE CROWD SURVEILLANCE. <i>Big Data</i> , 2013 , 1, 160-167	3.1	20
71	Use of mobile apps: a patient-centered approach. <i>Academic Emergency Medicine</i> , 2015 , 22, 765-8	3.4	20
70	Variations in Facebook Posting Patterns Across Validated Patient Health Conditions: A Prospective Cohort Study. <i>Journal of Medical Internet Research</i> , 2017 , 19, e7	7.6	20
69	Gender Differences in Twitter Use and Influence Among Health Policy and Health Services Researchers. <i>JAMA Internal Medicine</i> , 2019 , 179, 1726-1729	11.5	18
68	Learning by Listening-Improving Health Care in the Era of Yelp. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 2483-2484	27.4	18
67	How U.S. children's hospitals use social media: A mixed methods study. <i>Healthcare</i> , 2016 , 4, 15-21	1.8	18
66	To Retweet or Not to Retweet: Understanding What Features of Cardiovascular Tweets Influence Their Retransmission. <i>Journal of Health Communication</i> , 2018 , 23, 1026-1035	2.5	18
65	Opioid Discussion in the Twittersphere. <i>Substance Use and Misuse</i> , 2018 , 53, 2132-2139	2.2	16
64	Health Policy and Privacy Challenges Associated With Digital Technology. <i>JAMA Network Open</i> , 2020 , 3, e208285	10.4	16
63	Mining the social mediome. <i>Trends in Molecular Medicine</i> , 2015 , 21, 528-9	11.5	15
62	Choosing Wisely in Emergency Medicine: A National Survey of Emergency Medicine Academic Chairs and Division Chiefs. <i>Academic Emergency Medicine</i> , 2015 , 22, 1506-10	3.4	15
61	Patients' Willingness to share digital health and non-health data for research: a cross-sectional study. <i>BMC Medical Informatics and Decision Making</i> , 2019 , 19, 157	3.6	14

60	How long is long enough, and have we done everything we should?--Ethics of calling codes. <i>Journal of Medical Ethics</i> , 2015 , 41, 663-6	2.5	14
59	Characterizing COVID-19 Content Posted to TikTok: Public Sentiment and Response During the First Phase of the COVID-19 Pandemic. <i>Journal of Adolescent Health</i> , 2021 , 69, 234-241	5.8	14
58	Google search histories of patients presenting to an emergency department: an observational study. <i>BMJ Open</i> , 2019 , 9, e024791	3	13
57	Characterizing Tweet Volume and Content About Common Health Conditions Across Pennsylvania: Retrospective Analysis. <i>JMIR Public Health and Surveillance</i> , 2018 , 4, e10834	11.4	13
56	Association of race and socioeconomic status with automatic external defibrillator training prevalence in the United States. <i>Resuscitation</i> , 2018 , 127, 100-104	4	12
55	In Hospitals With More Nurses Who Have Baccalaureate Degrees, Better Outcomes For Patients After Cardiac Arrest. <i>Health Affairs</i> , 2019 , 38, 1087-1094	7	12
54	Common and Costly Hospitalizations Among Insured Young Adults Since the Affordable Care Act. <i>Journal of Adolescent Health</i> , 2016 , 59, 61-7	5.8	11
53	Online Ratings of the Patient Experience: Emergency Departments Versus Urgent Care Centers. <i>Annals of Emergency Medicine</i> , 2019 , 73, 631-638	2.1	11
52	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e008396	5.8	10
51	Patient narratives in Yelp reviews offer insight into opioid experiences and the challenges of pain management. <i>Pain Management</i> , 2018 , 8, 95-104	2.3	9
50	Toward an equitable society: building a culture of antiracism in health care. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5039-5041	15.9	9
49	Crowdsourcing healthcare costs: Opportunities and challenges for patient centered price transparency. <i>Healthcare</i> , 2016 , 4, 3-5	1.8	8
48	Association of Online Consumer Reviews of Skilled Nursing Facilities With Patient Rehospitalization Rates. <i>JAMA Network Open</i> , 2020 , 3, e204682	10.4	8
47	Health-Specific Information and Communication Technology Use and Its Relationship to Obesity in High-Poverty, Urban Communities: Analysis of a Population-Based Biosocial Survey. <i>Journal of Medical Internet Research</i> , 2016 , 18, e182	7.6	8
46	Consumer Views on Using Digital Data for COVID-19 Control in the United States. <i>JAMA Network Open</i> , 2021 , 4, e2110918	10.4	8
45	Twitter discourse reveals geographical and temporal variation in concerns about COVID-19 vaccines in the United States. <i>Vaccine</i> , 2021 , 39, 4034-4038	4.1	8
44	Who can speak for the emergently ill? Testing a method to identify communities and their leaders. <i>Academic Emergency Medicine</i> , 2008 , 15, 581-3	3.4	7
43	Predicting Cardiovascular Risk Using Social Media Data: Performance Evaluation of Machine-Learning Models. <i>JMIR Cardio</i> , 2021 , 5, e24473	3.1	7

42	Characterizing barriers to CPR training attainment using Twitter. <i>Resuscitation</i> , 2018 , 127, 164-167	4	6
41	Harnessing the crowd to accelerate molecular medicine research. <i>Trends in Molecular Medicine</i> , 2015 , 21, 403-5	11.5	6
40	Content Analysis of Metaphors About Hypertension and Diabetes on Twitter: Exploratory Mixed-Methods Study. <i>JMIR Diabetes</i> , 2018 , 3, e11177	2.7	6
39	Using Social Media to Track Geographic Variability in Language About Diabetes: Analysis of Diabetes-Related Tweets Across the United States. <i>JMIR Diabetes</i> , 2020 , 5, e14431	2.7	6
38	Online Reviews of Specialized Drug Treatment Facilities-Identifying Potential Drivers of High and Low Patient Satisfaction. <i>Journal of General Internal Medicine</i> , 2020 , 35, 1647-1653	4	6
37	Employment and residential characteristics in relation to automated external defibrillator locations. <i>American Heart Journal</i> , 2016 , 172, 185-91	4.9	6
36	Characteristics of automated external defibrillator coverage in Philadelphia, PA, based on land use and estimated risk. <i>Resuscitation</i> , 2016 , 109, 9-15	4	6
35	Partisan Differences in Twitter Language Among US Legislators During the COVID-19 Pandemic: Cross-sectional Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27300	7.6	6
34	The Use and Out-of-Pocket Cost of Urgent Care Clinics and Retail-Based Clinics by Adolescents and Young Adults Compared With Children. <i>Journal of Adolescent Health</i> , 2017 , 60, 107-112	5.8	5
33	Consumer Views on Health Applications of Consumer Digital Data and Health Privacy Among US Adults: Qualitative Interview Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e29395	7.6	5
32	Neighborhood-Level Disparities in Resuscitation and the Potential of Connected Health. <i>JAMA Cardiology</i> , 2017 , 2, 1118-1119	16.2	4
31	Defibrillation in the movies: a missed opportunity for public health education. <i>Resuscitation</i> , 2014 , 85, 1795-8	4	4
30	"Told": the Word Most Correlated to Negative Online Hospital Reviews. <i>Journal of General Internal Medicine</i> , 2019 , 34, 1079-1080	4	4
29	Structural Racism and Scientific Journals-A Teachable Moment. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 607-608	27.4	4
28	Adult out-of-hospital cardiac arrest in philadelphia from 2008-2012: An epidemiological study. <i>Resuscitation</i> , 2017 , 115, 17-22	4	3
27	Health-related Google searches performed by parents of pediatric oncology patients. <i>Pediatric Blood and Cancer</i> , 2019 , 66, e27795	3	3
26	The 2013 US Government Shutdown (#Shutdown) and health: an emerging role for social media. <i>American Journal of Public Health</i> , 2014 , 104, 2248-50	5.1	3
25	Voices in Evidence-Based Newborn Care: A How-to-Guide on Developing a Parent-Facing Podcast. <i>JMIR Pediatrics and Parenting</i> , 2019 , 2, e16335	4.2	3

24	Better Nurse Staffing Is Associated With Survival for Black Patients and Diminishes Racial Disparities in Survival After In-Hospital Cardiac Arrests. <i>Medical Care</i> , 2021 , 59, 169-176	3.1	3
23	Social media language of healthcare super-utilizers. <i>Npj Digital Medicine</i> , 2021 , 4, 55	15.7	3
22	State of emergency preparedness for US health insurance plans. <i>American Journal of Managed Care</i> , 2015 , 21, 65-72	2.1	3
21	Consumer Willingness to Share Personal Digital Information for Health-Related Uses.. <i>JAMA Network Open</i> , 2022 , 5, e2144787	10.4	2
20	Association Between Crowdsourced Health Care Facility Ratings and Mortality in US Counties. <i>JAMA Network Open</i> , 2021 , 4, e2127799	10.4	2
19	Characteristics of Twitter Use by State Medicaid Programs in the United States: Machine Learning Approach. <i>Journal of Medical Internet Research</i> , 2020 , 22, e18401	7.6	2
18	Capturing Real-Time Emergency Department Sentiment: A Feasibility Study Using Touch-Button Terminals. <i>Annals of Emergency Medicine</i> , 2020 , 75, 727-732	2.1	2
17	The role of digital health technologies in COVID-19 surveillance and recovery: a specific case of long haulers. <i>International Review of Psychiatry</i> , 2021 , 33, 412-423	3.6	2
16	Evaluation of Online Consumer Reviews of Hospitals and Experiences of Racism Using Qualitative Methods. <i>JAMA Network Open</i> , 2021 , 4, e2126118	10.4	2
15	Balancing the Benefits and Risks of CPR. <i>American Journal of Bioethics</i> , 2017 , 17, 49-50	1.1	1
14	Regarding Twitter as a Potential Data Source for Cardiovascular Disease Research-Reply. <i>JAMA Cardiology</i> , 2017 , 2, 820	16.2	1
13	Patient and Caregiver Perceptions of Nursing Home Physicians: Insight from Yelp Reviews, 2009-2018. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 2101-2105	5.6	1
12	Analyzing Online Reviews of Substance Use Disorder Treatment Facilities in the USA Using Machine Learning. <i>Journal of General Internal Medicine</i> , 2021 , 1	4	1
11	Racial disparities in survival outcomes following pediatric in-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 159, 117-125	4	1
10	Online Reviews of Mental Health Treatment Facilities: Narrative Themes Associated With Positive and Negative Ratings. <i>Psychiatric Services</i> , 2021 , 72, 776-783	3.3	1
9	Reporting of Discrimination by Health Care Consumers Through Online Consumer Reviews.. <i>JAMA Network Open</i> , 2022 , 5, e220715	10.4	1
8	Geographic variation in public interest about amyloidosis in the United States and English speaking countries. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020 , 27, 210-212	2.7	0
7	Studying social media language changes associated with pregnancy status, trimester, and parity from medical records. <i>Women's Health</i> , 2020 , 16, 1745506520949392	3	0

6	Improving Mood Through Community Connection and Resources Using an Interactive Digital Platform: Development and Usability Study. <i>JMIR Mental Health</i> , 2021 , 8, e25834	6	o
5	Effect of Posting on Social Media on Systolic Blood Pressure and Management of Hypertension: A Randomized Controlled Trial. <i>Journal of the American Heart Association</i> , 2021 , 10, e020596	6	o
4	Patient Experience and Satisfaction in Online Reviews of Obstetric Care: Observational Study.. <i>JMIR Formative Research</i> , 2022 , 6, e28379	2.5	o
3	Estimating the Health-Related Quality of Life of Twitter Users Using Semantic Processing. <i>Studies in Health Technology and Informatics</i> , 2019 , 264, 1065-1069	0.5	
2	Consumer Trust in Public and Private Organizations to Use Their Digital Data for COVID-19 Control. <i>Journal of General Internal Medicine</i> , 2021 , 36, 2519-2521	4	
1	Exploring digital methods to capture self-reported on-shift sentiment amongst academic emergency department physicians. <i>American Journal of Emergency Medicine</i> , 2021 , 46, 760-762	2.9	