

# Enrico W Coiera

## 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.

215 papers	9,069 citations	50 h-index	89 g-index
253 ext. papers	11,030 ext. citations	5.9 avg, IF	6.73 L-index

#	Paper	IF	Citations
215	Some unintended consequences of information technology in health care: the nature of patient care information system-related errors. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2004</b> , 11, 104-12	8.6	1070
214	Gene cassettes and cassette arrays in mobile resistance integrons. <i>FEMS Microbiology Reviews</i> , <b>2009</b> , 33, 757-84	15.1	439
213	Communication behaviours in a hospital setting: an observational study. <i>BMJ: British Medical Journal</i> , <b>1998</b> , 316, 673-6		311
212	Conversational agents in healthcare: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2018</b> , 25, 1248-1258	8.6	310
211	CareTrack: assessing the appropriateness of health care delivery in Australia. <i>Medical Journal of Australia</i> , <b>2012</b> , 197, 100-5	4	261
210	Communication loads on clinical staff in the emergency department. <i>Medical Journal of Australia</i> , <b>2002</b> , 176, 415-8	4	242
209	The impact of interruptions on clinical task completion. <i>Quality and Safety in Health Care</i> , <b>2010</b> , 19, 284-9		216
208	Interdisciplinary communication: an uncharted source of medical error?. <i>Journal of Critical Care</i> , <b>2006</b> , 21, 236-42; discussion 242	4	144
207	Using FDA reports to inform a classification for health information technology safety problems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 45-53	8.6	139
206	Guide to Health Informatics, 2Ed		139
205	Associations Between Exposure to and Expression of Negative Opinions About Human Papillomavirus Vaccines on Social Media: An Observational Study. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e144	7.6	138
204	A systematic review of the psychological literature on interruption and its patient safety implications. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 6-12	8.6	133
203	Mapping information exposure on social media to explain differences in HPV vaccine coverage in the United States. <i>Vaccine</i> , <b>2017</b> , 35, 3033-3040	4.1	126
202	Do online information retrieval systems help experienced clinicians answer clinical questions?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2005</b> , 12, 315-21	8.6	123
201	Four rules for the reinvention of health care. <i>BMJ, The</i> , <b>2004</b> , 328, 1197-9	5.9	123
200	Variation in communication loads on clinical staff in the emergency department. <i>Annals of Emergency Medicine</i> , <b>2004</b> , 44, 268-73	2.1	120
199	Interruptive communication patterns in the intensive care unit ward round. <i>International Journal of Medical Informatics</i> , <b>2005</b> , 74, 791-6	5.3	116

198	A systematic review of failures in handoff communication during intrahospital transfers. <i>Joint Commission Journal on Quality and Patient Safety</i> , <b>2011</b> , 37, 274-84	1.4	115
197	Multimethod evaluation of information and communication technologies in health in the context of wicked problems and sociotechnical theory. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2007</b> , 14, 746-55	8.6	112
196	An analysis of computer-related patient safety incidents to inform the development of a classification. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2010</b> , 17, 663-70	8.6	102
195	Building a National Health IT System from the middle out. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2009</b> , 16, 271-3	8.6	95
194	Problems with health information technology and their effects on care delivery and patient outcomes: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 246-250	8.6	89
193	Do clinicians use online evidence to support patient care? A study of 55,000 clinicians. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2004</b> , 11, 113-20	8.6	89
192	Do variations in hospital mortality patterns after weekend admission reflect reduced quality of care or different patient cohorts? A population-based study. <i>BMJ Quality and Safety</i> , <b>2014</b> , 23, 215-22	5.4	86
191	Characterizing Twitter Discussions About HPV Vaccines Using Topic Modeling and Community Detection. <i>Journal of Medical Internet Research</i> , <b>2016</b> , 18, e232	7.6	86
190	Handheld computer-based decision support reduces patient length of stay and antibiotic prescribing in critical care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2005</b> , 12, 398-402	8.6	85
189	The dangerous decade. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 2-5	8.6	84
188	Conflict of interest disclosure in biomedical research: A review of current practices, biases, and the role of public registries in improving transparency. <i>Research Integrity and Peer Review</i> , <b>2016</b> , 1,	6.1	77
187	Social networks, social media, and social diseases. <i>BMJ, The</i> , <b>2013</b> , 346, f3007	5.9	70
186	Automation bias and verification complexity: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 423-431	8.6	68
185	Safety of patient-facing digital symptom checkers. <i>Lancet, The</i> , <b>2018</b> , 392, 2263-2264	4.0	68
184	Putting the technical back into socio-technical systems research. <i>International Journal of Medical Informatics</i> , <b>2007</b> , 76 Suppl 1, S98-103	5.3	67
183	General practitioners' use of online evidence during consultations. <i>International Journal of Medical Informatics</i> , <b>2005</b> , 74, 1-12	5.3	66
182	Real-time prediction of mortality, readmission, and length of stay using electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2016</b> , 23, 553-61	8.6	62
181	Why system inertia makes health reform so difficult. <i>BMJ, The</i> , <b>2011</b> , 342, d3693	5.9	62

180	Model development for EHR interdisciplinary information exchange of ICU common goals. <i>International Journal of Medical Informatics</i> , <b>2011</b> , 80, e141-9	5.3	62
179	e-Consent: The design and implementation of consumer consent mechanisms in an electronic environment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2004</b> , 11, 129-40	8.6	62
178	The Personalization of Conversational Agents in Health Care: Systematic Review. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e15360	7.6	60
177	Clinical safety of England's national programme for IT: a retrospective analysis of all reported safety events 2005 to 2011. <i>International Journal of Medical Informatics</i> , <b>2015</b> , 84, 198-206	5.3	56
176	Comparative impact of guidelines, clinical data, and decision support on prescribing decisions: an interactive web experiment with simulated cases. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2004</b> , 11, 71-7	8.6	54
175	Variation in the use of online clinical evidence: a qualitative analysis. <i>International Journal of Medical Informatics</i> , <b>2003</b> , 69, 1-16	5.3	54
174	Financial conflicts of interest and conclusions about neuraminidase inhibitors for influenza: an analysis of systematic reviews. <i>Annals of Internal Medicine</i> , <b>2014</b> , 161, 513-8	8	52
173	Communication systems in healthcare. <i>Clinical Biochemist Reviews</i> , <b>2006</b> , 27, 89-98	7.3	52
172	Predicting 7-day, 30-day and 60-day all-cause unplanned readmission: a case study of a Sydney hospital. <i>BMC Medical Informatics and Decision Making</i> , <b>2018</b> , 18, 1	3.6	51
171	Errors and electronic prescribing: a controlled laboratory study to examine task complexity and interruption effects. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2010</b> , 17, 575-83	8.6	51
170	Guide to Health Informatics		51
169	Safety concerns with consumer-facing mobile health applications and their consequences: a scoping review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 330-340	8.6	51
168	Agreement between common goals discussed and documented in the ICU. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2011</b> , 18, 45-50	8.6	50
167	Impact of a web-based personally controlled health management system on influenza vaccination and health services utilization rates: a randomized controlled trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 719-27	8.6	48
166	Decision support systems for antibiotic prescribing. <i>Current Opinion in Infectious Diseases</i> , <b>2008</b> , 21, 573-9.4	9.4	48
165	Interaction design theory. <i>International Journal of Medical Informatics</i> , <b>2003</b> , 69, 205-22	5.3	47
164	Risks and benefits of speech recognition for clinical documentation: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2016</b> , 23, e169-79	8.6	46
163	Do people experience cognitive biases while searching for information?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2007</b> , 14, 599-608	8.6	43

162	Which clinical decisions benefit from automation? A task complexity approach. <i>International Journal of Medical Informatics</i> , <b>2003</b> , 70, 309-16	5.3	42
161	The impact of an online evidence system on confidence in decision making in a controlled setting. <i>Medical Decision Making</i> , <b>2005</b> , 25, 178-85	2.5	41
160	Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and metaregression. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 422-432	10.3	41
159	Prevalence of Disclosed Conflicts of Interest in Biomedical Research and Associations With Journal Impact Factors and Altmetric Scores. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 408-409	27.4	39
158	Using statistical text classification to identify health information technology incidents. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2013</b> , 20, 980-5	8.6	39
157	Using social connection information to improve opinion mining: Identifying negative sentiment about HPV vaccines on Twitter. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 216, 761-5	0.5	38
156	Towards the delivery of appropriate health care in Australia. <i>Medical Journal of Australia</i> , <b>2012</b> , 197, 78-81	8.1	37
155	The fate of medicine in the time of AI. <i>Lancet, The</i> , <b>2018</b> , 392, 2331-2332	4.0	37
154	A comparative review of patient safety initiatives for national health information technology. <i>International Journal of Medical Informatics</i> , <b>2013</b> , 82, e139-48	5.3	36
153	Artificial intelligence in medicine: the challenges ahead. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>1996</b> , 3, 363-6	8.6	35
152	Does health informatics have a replication crisis?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2018</b> , 25, 963-968	8.6	35
151	Can cognitive biases during consumer health information searches be reduced to improve decision making?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2009</b> , 16, 54-65	8.6	34
150	Bringing cohort studies to the bedside: framework for a 'green button' to support clinical decision-making. <i>Journal of Comparative Effectiveness Research</i> , <b>2015</b> , 4, 191-197	2.1	31
149	Automated identification of extreme-risk events in clinical incident reports. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, e110-8	8.6	30
148	Identifying patient safety problems associated with information technology in general practice: an analysis of incident reports. <i>BMJ Quality and Safety</i> , <b>2016</b> , 25, 870-880	5.4	29
147	Technology, cognition and error. <i>BMJ Quality and Safety</i> , <b>2015</b> , 24, 417-22	5.4	29
146	Learning Qualitative Models of Dynamic Systems. <i>Machine Learning</i> , <b>1997</b> , 26, 177-211	4	29
145	Impact of web searching and social feedback on consumer decision making: a prospective online experiment. <i>Journal of Medical Internet Research</i> , <b>2008</b> , 10, e2	7.6	29

144	Efficiency and safety of speech recognition for documentation in the electronic health record. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 1127-1133	8.6	28
143	Automation bias in electronic prescribing. <i>BMC Medical Informatics and Decision Making</i> , <b>2017</b> , 17, 28	3.6	28
142	Social media interventions for precision public health: promises and risks. <i>Npj Digital Medicine</i> , <b>2018</b> , 1,	15.7	28
141	Isocitrate dehydrogenase (IDH) status prediction in histopathology images of gliomas using deep learning. <i>Scientific Reports</i> , <b>2020</b> , 10, 7733	4.9	27
140	Critical incidents and journey mapping as techniques to evaluate the impact of online evidence retrieval systems on health care delivery and patient outcomes. <i>International Journal of Medical Informatics</i> , <b>2007</b> , 76, 234-45	5.3	27
139	Impact of an ultrabroadband emergency department telemedicine system on the care of acutely ill patients and clinicians' work. <i>Medical Journal of Australia</i> , <b>2008</b> , 188, 704-8	4	27
138	Current challenges in health information technology-related patient safety. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 181-189	3	27
137	Using multiclass classification to automate the identification of patient safety incident reports by type and severity. <i>BMC Medical Informatics and Decision Making</i> , <b>2017</b> , 17, 84	3.6	26
136	The digital scribe. <i>Npj Digital Medicine</i> , <b>2018</b> , 1, 58	15.7	26
135	Architecture for knowledge-based and federated search of online clinical evidence. <i>Journal of Medical Internet Research</i> , <b>2005</b> , 7, e52	7.6	25
134	What factors are associated with the integration of evidence retrieval technology into routine general practice settings?. <i>International Journal of Medical Informatics</i> , <b>2007</b> , 76, 701-9	5.3	24
133	CareTrack: assessing the appropriateness of health care delivery in Australia. <i>Medical Journal of Australia</i> , <b>2012</b> , 197, 549-550	4	23
132	Role of electronic health records in comparative effectiveness research. <i>Journal of Comparative Effectiveness Research</i> , <b>2013</b> , 2, 529-32	2.1	22
131	CareTrack Australia: assessing the appropriateness of adult healthcare: protocol for a retrospective medical record review. <i>BMJ Open</i> , <b>2012</b> , 2, e000665	3	22
130	Automatically Appraising the Credibility of Vaccine-Related Web Pages Shared on Social Media: A Twitter Surveillance Study. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e14007	7.6	22
129	Predicting the cumulative risk of death during hospitalization by modeling weekend, weekday and diurnal mortality risks. <i>BMC Health Services Research</i> , <b>2014</b> , 14, 226	2.9	21
128	Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e15823	7.6	21
127	"Why Didn't it Work?" Lessons From a Randomized Controlled Trial of a Web-based Personally Controlled Health Management System for Adults with Asthma. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e283	7.6	21

126	Automated categorisation of clinical incident reports using statistical text classification. <i>BMJ Quality and Safety</i> , <b>2010</b> , 19, e55	5.4	20
125	Challenges of developing a digital scribe to reduce clinical documentation burden. <i>Npj Digital Medicine</i> , <b>2019</b> , 2, 114	15.7	20
124	Do we need a national electronic summary care record?. <i>Medical Journal of Australia</i> , <b>2011</b> , 194, 90-2	4	19
123	Monitoring diseases with empirical and model-generated histories. <i>Artificial Intelligence in Medicine</i> , <b>1990</b> , 2, 135-147	7.4	19
122	Using a Mobile Social Networking App to Promote Physical Activity: A Qualitative Study of Users' Perspectives. <i>Journal of Medical Internet Research</i> , <b>2018</b> , 20, e11439	7.6	19
121	Development and Validation of a Machine Learning Approach for Automated Severity Assessment of COVID-19 Based on Clinical and Imaging Data: Retrospective Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e24572	3.6	19
120	Beyond patient safety Flatland. <i>Journal of the Royal Society of Medicine</i> , <b>2010</b> , 103, 219-25	2.3	18
119	Patient safety problems associated with healthcare information technology: an analysis of adverse events reported to the US Food and Drug Administration <b>2011</b> , 2011, 853-7	0.7	18
118	Which bundles of features in a Web-based personally controlled health management system are associated with consumer help-seeking behaviors for physical and emotional well-being?. <i>Journal of Medical Internet Research</i> , <b>2013</b> , 15, e79	7.6	17
117	Communication interventions to improve adherence to infection control precautions: a randomised crossover trial. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 72	4	16
116	Nation-scale adoption of new medicines by doctors: an application of the Bass diffusion model. <i>BMC Health Services Research</i> , <b>2012</b> , 12, 248	2.9	16
115	The Last Mile: Where Artificial Intelligence Meets Reality. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e16323	7.6	16
114	On algorithms, machines, and medicine. <i>Lancet Oncology</i> , <b>2019</b> , 20, 166-167	21.7	16
113	Measuring the effects of computer downtime on hospital pathology processes. <i>Journal of Biomedical Informatics</i> , <b>2016</b> , 59, 308-15	10.2	15
112	Automated screening of research studies for systematic reviews using study characteristics. <i>Systematic Reviews</i> , <b>2018</b> , 7, 64	3	15
111	Syndromic surveillance for health information system failures: a feasibility study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2013</b> , 20, 506-12	8.6	15
110	Computational bacterial genome-wide analysis of phylogenetic profiles reveals potential virulence genes of <i>Streptococcus agalactiae</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e17964	3.7	15
109	Clinician checklist for assessing suitability of machine learning applications in healthcare. <i>BMJ Health and Care Informatics</i> , <b>2021</b> , 28,	2.6	15



108	The role and benefits of accessing primary care patient records during unscheduled care: a systematic review. <i>BMC Medical Informatics and Decision Making</i> , <b>2017</b> , 17, 138	3.6	14
107	Safety through redundancy: a case study of in-hospital patient transfers. <i>BMJ Quality and Safety</i> , <b>2010</b> , 19, e32	5.4	14
106	Biosurveillance of emerging biothreats using scalable genotype clustering. <i>Journal of Biomedical Informatics</i> , <b>2009</b> , 42, 66-73	10.2	14
105	Maximising the uptake of evidence into clinical practice: an information economics approach. <i>Medical Journal of Australia</i> , <b>2001</b> , 174, 467-70	4	14
104	Why is it so difficult to govern mobile apps in healthcare?. <i>BMJ Health and Care Informatics</i> , <b>2019</b> , 26,	2.6	14
103	Comparing New Zealand's 'Middle Out' health information technology strategy with other OECD nations. <i>International Journal of Medical Informatics</i> , <b>2013</b> , 82, e87-95	5.3	13
102	Conclusions in systematic reviews of mammography for breast cancer screening and associations with review design and author characteristics. <i>Systematic Reviews</i> , <b>2017</b> , 6, 105	3	13
101	Context-driven discovery of gene cassettes in mobile integrons using a computational grammar. <i>BMC Bioinformatics</i> , <b>2009</b> , 10, 281	3.6	13
100	Towards bioinformatics assisted infectious disease control. <i>BMC Bioinformatics</i> , <b>2009</b> , 10 Suppl 2, S10	3.6	13
99	The qualitative representation of physical systems. <i>Knowledge Engineering Review</i> , <b>1992</b> , 7, 55-77	2.1	13
98	HPV vaccine coverage in Australia and associations with HPV vaccine information exposure among Australian Twitter users. <i>Human Vaccines and Immunotherapeutics</i> , <b>2019</b> , 15, 1488-1495	4.4	12
97	The effects of industry sponsorship on comparator selection in trial registrations for neuropsychiatric conditions in children. <i>PLoS ONE</i> , <b>2013</b> , 8, e84951	3.7	12
96	A Bayesian model that predicts the impact of Web searching on decision making. <i>Journal of the Association for Information Science and Technology</i> , <b>2006</b> , 57, 873-880		12
95	Patient Work and Their Contexts: Scoping Review. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e16656	7.6	12
94	Evaluating the usability of speech recognition to create clinical documentation using a commercial electronic health record. <i>International Journal of Medical Informatics</i> , <b>2018</b> , 113, 38-42	5.3	11
93	Efficacy of a Mobile Social Networking Intervention in Promoting Physical Activity: Quasi-Experimental Study. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e12181	5.5	11
92	Social and self-reflective use of a Web-based personally controlled health management system. <i>Journal of Medical Internet Research</i> , <b>2013</b> , 15, e211	7.6	11
91	Long-term patterns of online evidence retrieval use in general practice: a 12-month study. <i>Journal of Medical Internet Research</i> , <b>2008</b> , 10, e6	7.6	11



90	Limited Role of Bots in Spreading Vaccine-Critical Information Among Active Twitter Users in the United States: 2017-2019. <i>American Journal of Public Health</i> , <b>2020</b> , 110, S319-S325	5.1	11
89	The Effect of Cognitive Load and Task Complexity on Automation Bias in Electronic Prescribing. <i>Human Factors</i> , <b>2018</b> , 60, 1008-1021	3.8	11
88	Citations alone were enough to predict favorable conclusions in reviews of neuraminidase inhibitors. <i>Journal of Clinical Epidemiology</i> , <b>2015</b> , 68, 87-93	5.7	10
87	Three-year longitudinal study of genotypes of Mycobacterium tuberculosis in a low prevalence population. <i>Pathology</i> , <b>2010</b> , 42, 267-72	1.6	10
86	Is Biblioleaks inevitable?. <i>Journal of Medical Internet Research</i> , <b>2014</b> , 16, e112	7.6	10
85	Evaluating the impact of information communication technologies on complex organizational systems: a multi-disciplinary, multi-method framework. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 1323-7	0.5	10
84	Industry influenced evidence production in collaborative research communities: a network analysis. <i>Journal of Clinical Epidemiology</i> , <b>2012</b> , 65, 535-43	5.7	9
83	A simulation framework for mapping risks in clinical processes: the case of in-patient transfers. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2011</b> , 18, 259-66	8.6	9
82	Last Orders: Follow-up of Tests Ordered on the Day of Hospital Discharge. <i>Archives of Internal Medicine</i> , <b>2012</b> , 172, 1347-9		9
81	Clinical decision velocity is increased when meta-search filters enhance an evidence retrieval system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2008</b> , 15, 638-46	8.6	9
80	Qualitative superposition. <i>Artificial Intelligence</i> , <b>1992</b> , 56, 171-196	3.6	9
79	An internet intervention to improve asthma management: rationale and protocol of a randomized controlled trial. <i>JMIR Research Protocols</i> , <b>2013</b> , 2, e28	2	9
78	Envisioning an artificial intelligence documentation assistant for future primary care consultations: A co-design study with general practitioners. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 1695-1704	8.6	9
77	A shared latent space matrix factorisation method for recommending new trial evidence for systematic review updates. <i>Journal of Biomedical Informatics</i> , <b>2018</b> , 79, 32-40	10.2	8
76	A network model of activities in primary care consultations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 1074-1082	8.6	8
75	Use of a mobile social networking intervention for weight management: a mixed-methods study protocol. <i>BMJ Open</i> , <b>2017</b> , 7, e016665	3	8
74	Insights into temporal patterns of hospital patient safety from routinely collected electronic data. <i>Health Information Science and Systems</i> , <b>2015</b> , 3, S2	5.1	8
73	Communication spaces. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, 414-228.6		8

72	A PubMed-wide associational study of infectious diseases. <i>PLoS ONE</i> , <b>2010</b> , 5, e9535	3.7	8
71	How machine learning is embedded to support clinician decision making: an analysis of FDA-approved medical devices. <i>BMJ Health and Care Informatics</i> , <b>2021</b> , 28,	2.6	8
70	An e-health strategy to facilitate care of breast cancer survivors: A pilot study. <i>Asia-Pacific Journal of Clinical Oncology</i> , <b>2016</b> , 12, 181-7	1.9	8
69	Why is it so difficult to measure the effects of interruptions in healthcare?. <i>Studies in Health Technology and Informatics</i> , <b>2010</b> , 160, 784-8	0.5	8
68	The Price of Artificial Intelligence. <i>Yearbook of Medical Informatics</i> , <b>2019</b> , 28, 14-15	4	7
67	Protocol for a randomised controlled trial examining the impact of a web-based personally controlled health management system on the uptake of influenza vaccination rates. <i>BMC Health Services Research</i> , <b>2012</b> , 12, 86	2.9	7
66	Context-Aware Systems for Chronic Disease Patients: Scoping Review. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e10896	7.6	7
65	Modeling Spatiotemporal Factors Associated With Sentiment on Twitter: Synthesis and Suggestions for Improving the Identification of Localized Deviations. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e12881	7.6	7
64	Challenges During Implementation of a Patient-Facing Mobile App for Surgical Rehabilitation: Feasibility Study. <i>JMIR Human Factors</i> , <b>2017</b> , 4, e31	2.5	7
63	Severity Assessment and Progression Prediction of COVID-19 Patients based on the LesionEncoder Framework and Chest CT		7
62	Engineering technology resilience through informatics safety science. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 244-245	8.6	6
61	Financial competing interests were associated with favorable conclusions and greater author productivity in nonsystematic reviews of neuraminidase inhibitors. <i>Journal of Clinical Epidemiology</i> , <b>2016</b> , 80, 43-49	5.7	6
60	Computational inference of grammars for larger-than-gene structures from annotated gene sequences. <i>Bioinformatics</i> , <b>2011</b> , 27, 791-6	7.2	6
59	Learning from hackers: open-source clinical trials. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 132cm5	17.5	6
58	Is relevance relevant? User relevance ratings may not predict the impact of Internet search on decision outcomes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2008</b> , 15, 542-5	8.6	6
57	Use of on-line evidence databases by Australian public health practitioners. <i>Informatics for Health and Social Care</i> , <b>2004</b> , 29, 127-36		6
56	Decision complexity affects the extent and type of decision support use <b>2006</b> , 724-8	0.7	6
55	Evaluating the effectiveness of clinical alerts: a signal detection approach <b>2011</b> , 2011, 1036-44	0.7	6

54	Evidence-based medicine and machine learning: a partnership with a common purpose. <i>BMJ Evidence-Based Medicine</i> , <b>2021</b> , 26, 290-294	2.7	6
53	Using convolutional neural networks to identify patient safety incident reports by type and severity. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 1600-1608	8.6	5
52	Unreported links between trial registrations and published articles were identified using document similarity measures in a cross-sectional analysis of ClinicalTrials.gov. <i>Journal of Clinical Epidemiology</i> , <b>2018</b> , 95, 94-101	5.7	5
51	The forgetting health system. <i>Learning Health Systems</i> , <b>2017</b> , 1, e10023	3	5
50	Linking quality indicators to clinical trials: an automated approach. <i>International Journal for Quality in Health Care</i> , <b>2017</b> , 29, 571-578	1.9	5
49	Computational reasoning across multiple models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2009</b> , 16, 768-74	8.6	5
48	Effectiveness of an electronic patient-centred self-management tool for gout sufferers: a cluster randomised controlled trial protocol. <i>BMJ Open</i> , <b>2017</b> , 7, e017281	3	5
47	Assessing Technology Success and Failure Using Information Value Chain Theory. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 263, 35-48	0.5	5
46	The cognitive health system. <i>Lancet, The</i> , <b>2020</b> , 395, 463-466	40	5
45	Using an accident model to design safe electronic medication management systems. <i>Studies in Health Technology and Informatics</i> , <b>2007</b> , 129, 948-52	0.5	5
44	Exploring stakeholder attitudes towards AI in clinical practice. <i>BMJ Health and Care Informatics</i> , <b>2021</b> , 28,	2.6	5
43	Commonly used molecular epidemiology markers of <i>Streptococcus agalactiae</i> do not appear to predict virulence. <i>Pathology</i> , <b>2009</b> , 41, 576-81	1.6	4
42	Protocol for the Quick Clinical study: a randomised controlled trial to assess the impact of an online evidence retrieval system on decision-making in general practice. <i>BMC Medical Informatics and Decision Making</i> , <b>2006</b> , 6, 33	3.6	4
41	Intermediate depth representations. <i>Artificial Intelligence in Medicine</i> , <b>1992</b> , 4, 431-445	7.4	4
40	Clinician search behaviors may be influenced by search engine design. <i>Journal of Medical Internet Research</i> , <b>2010</b> , 12, e25	7.6	4
39	A study of structured clinical abstracts and the semantic classification of sentences <b>2007</b> ,		4
38	Mediated Agent Interaction. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 1-15	0.9	4
37	Consumers' online social network topologies and health behaviours. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 77-81	0.5	4

36	Linking clinical quality indicators to research evidence - a case study in asthma management for children. <i>BMC Health Services Research</i> , <b>2017</b> , 17, 502	2.9	3
35	The management of severe hypertension in Australian general practice. <i>BMC Health Services Research</i> , <b>2013</b> , 13, 414	2.9	3
34	In silico prioritisation of candidate genes for prokaryotic gene function discovery: an application of phylogenetic profiles. <i>BMC Bioinformatics</i> , <b>2009</b> , 10, 86	3.6	3
33	Severity Assessment and Progression Prediction of COVID-19 Patients Based on the LesionEncoder Framework and Chest CT. <i>Information (Switzerland)</i> , <b>2021</b> , 12, 471	2.6	3
32	A Mobile Social Networking App for Weight Management and Physical Activity Promotion: Results From an Experimental Mixed Methods Study. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e19991	7.6	3
31	Design and Implementation of Behavioral Informatics Interventions <b>2017</b> , 13-42		3
30	How do clinicians search for and access biomedical literature to answer clinical questions?. <i>Studies in Health Technology and Informatics</i> , <b>2007</b> , 129, 152-6	0.5	3
29	The timing and frequency of trial inclusion in systematic reviews of type2 diabetes drugs was associated with trial characteristics. <i>Journal of Clinical Epidemiology</i> , <b>2019</b> , 109, 62-69	5.7	2
28	Comparing clinical quality indicators for asthma management in children with outcome measures used in randomised controlled trials: a protocol. <i>BMJ Open</i> , <b>2015</b> , 5, e008819	3	2
27	Gene-disease association with literature based enrichment. <i>Journal of Biomedical Informatics</i> , <b>2014</b> , 49, 221-6	10.2	2
26	Are decision trees a feasible knowledge representation to guide extraction of critical information from randomized controlled trial reports?. <i>BMC Medical Informatics and Decision Making</i> , <b>2008</b> , 8, 48	3.6	2
25	Developing decision support systems in clinical bioinformatics. <i>Methods in Molecular Medicine</i> , <b>2008</b> , 141, 331-51		2
24	Revisiting Habitability in Conversational Systems <b>2020</b> ,		2
23	Responses of Conversational Agents to Health and Lifestyle Prompts: Investigation of Appropriateness and Presentation Structures (Preprint)		2
22	Identifying relevant information in medical conversations to summarize a clinician-patient encounter. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 2906-2914	3	2
21	Stasis and adaptation. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 194, 11-9	0.5	2
20	: a study protocol for developing clinical standards. <i>BMJ Open</i> , <b>2017</b> , 7, e014048	3	1
19	A unified model of patient safety (or "Who froze my cheese?"). <i>BMJ, The</i> , <b>2013</b> , 347, f7273	5.9	1

18	Translational web robots for pathogen genome analysis. <i>Microbial Informatics and Experimentation</i> , <b>2011</b> , 1, 10		1
17	Severity Assessment of COVID-19 based on Clinical and Imaging Data		1
16	Massive transfusion experience, current practice and decision support: A survey of Australian and New Zealand anaesthetists. <i>Anaesthesia and Intensive Care</i> , <b>2021</b> , 49, 214-221	1.1	1
15	Patient work from a context and time use perspective: a mixed-methods study protocol. <i>BMJ Open</i> , <b>2018</b> , 8, e022163	3	1
14	Replication studies in the clinical decision support literature-frequency, fidelity, and impact. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 1815-1825	8.6	1
13	How Patient Work Changes Over Time for People With Multimorbid Type 2 Diabetes: Qualitative Study. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e25992	7.6	1
12	Symbolic and Statistical Learning Approaches to Speech Summarization: A Scoping Review. <i>Computer Speech and Language</i> , <b>2021</b> , 72, 101305	2.8	1
11	Text Mining for Discovery of HostPathogen Interactions <b>2010</b> , 149-165		1
10	Measuring the Impact of Online Evidence Retrieval Systems using Critical Incidents & Journey Mapping. <i>Studies in Health Technology and Informatics</i> , <b>2005</b> , 116, 533-8	0.5	1
9	Delay in reviewing test results prolongs hospital length of stay: a retrospective cohort study. <i>BMC Health Services Research</i> , <b>2018</b> , 18, 369	2.9	0
8	Prediction of anxiety disorders using a feature ensemble based bayesian neural network. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 123, 103921	10.2	0
7	Can Unified Medical Language System-based semantic representation improve automated identification of patient safety incident reports by type and severity?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 1502-1509	8.6	0
6	Handoff and Care Transitions <b>2014</b> , 35-51		0
5	Communication loads on clinical staff in the emergency department. <i>Medical Journal of Australia</i> , <b>2002</b> , 177, 333-335	4	
4	Health personalisation. <i>SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia</i> , <b>2021</b> , 1-7	0.6	
3	Turning Night into Day—Challenges, Strategies, and Effectiveness of Re-engineering the Workflow to Enable Continuous Electronic Intensive Care Unit Collaboration Between Australia and U.S. <b>2019</b> , 281-287		
2	An Overview of HIT-Related Errors <b>2016</b> , 11-23		
1	Catalin Tufanaru, 1970-2021. <i>JBIM Evidence Synthesis</i> , <b>2021</b> , 19, 2050-2051	2.1	

