

Rainu Kaushal

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.

125
papers

10,128
citations

44
h-index

100
g-index

129
ext. papers

11,451
ext. citations

6
avg, IF

5.88
L-index

#	Paper	IF	Citations
125	Effect of reducing interns' work hours on serious medical errors in intensive care units. <i>New England Journal of Medicine</i> , 2004 , 351, 1838-48	59.2	1312
124	The Critical Care Safety Study: The incidence and nature of adverse events and serious medical errors in intensive care. <i>Critical Care Medicine</i> , 2005 , 33, 1694-700	1.4	1246
123	Medication errors and adverse drug events in pediatric inpatients. <i>JAMA - Journal of the American Medical Association</i> , 2001 , 285, 2114-20	27.4	1229
122	Effects of computerized physician order entry and clinical decision support systems on medication safety: a systematic review. <i>Archives of Internal Medicine</i> , 2003 , 163, 1409-16		903
121	Electronic health records in ambulatory care--a national survey of physicians. <i>New England Journal of Medicine</i> , 2008 , 359, 50-60	59.2	784
120	Prioritizing strategies for preventing medication errors and adverse drug events in pediatric inpatients. <i>Pediatrics</i> , 2003 , 111, 722-9	7.4	318
119	Return on investment for a computerized physician order entry system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006 , 13, 261-6	8.6	188
118	Effects of workload, work complexity, and repeated alerts on alert fatigue in a clinical decision support system. <i>BMC Medical Informatics and Decision Making</i> , 2017 , 17, 36	3.6	186
117	Correlates of electronic health record adoption in office practices: a statewide survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007 , 14, 110-7	8.6	178
116	Assessing the level of healthcare information technology adoption in the United States: a snapshot. <i>BMC Medical Informatics and Decision Making</i> , 2006 , 6, 1	3.6	178
115	A human factors framework and study of the effect of nursing workload on patient safety and employee quality of working life. <i>BMJ Quality and Safety</i> , 2011 , 20, 15-24	5.4	141
114	Electronic prescribing improves medication safety in community-based office practices. <i>Journal of General Internal Medicine</i> , 2010 , 25, 530-6	4	140
113	Potential medication dosing errors in outpatient pediatrics. <i>Journal of Pediatrics</i> , 2005 , 147, 761-7	3.6	108
112	A survey of workplace violence across 65 U.S. emergency departments. <i>Academic Emergency Medicine</i> , 2008 , 15, 1268-74	3.4	104
111	Adverse drug events in pediatric outpatients. <i>Academic Pediatrics</i> , 2007 , 7, 383-9		103
110	Prevention of pediatric medication errors by hospital pharmacists and the potential benefit of computerized physician order entry. <i>Pediatrics</i> , 2007 , 119, e77-85	7.4	102
109	Pediatric medication errors: what do we know? What gaps remain?. <i>Academic Pediatrics</i> , 2004 , 4, 73-81		92

108	Electronic health records and ambulatory quality of care. <i>Journal of General Internal Medicine</i> , 2013 , 28, 496-503	4	89
107	Unit-based clinical pharmacists' prevention of serious medication errors in pediatric inpatients. <i>American Journal of Health-System Pharmacy</i> , 2008 , 65, 1254-60	2.2	83
106	Physicians' attitudes towards copy and pasting in electronic note writing. <i>Journal of General Internal Medicine</i> , 2009 , 24, 63-8	4	72
105	Costs of adverse events in intensive care units. <i>Critical Care Medicine</i> , 2007 , 35, 2479-83	1.4	71
104	Challenges to EHR implementation in electronic- versus paper-based office practices. <i>Journal of General Internal Medicine</i> , 2008 , 23, 755-61	4	70
103	Consumer perceptions of electronic health information exchange. <i>American Journal of Preventive Medicine</i> , 2012 , 43, 76-80	6.1	67
102	Should Health Care Demand Interpretable Artificial Intelligence or Accept "Black Box" Medicine?. <i>Annals of Internal Medicine</i> , 2020 , 172, 59-60	8	66
101	Risk factors in preventable adverse drug events in pediatric outpatients. <i>Journal of Pediatrics</i> , 2008 , 152, 225-31	3.6	64
100	Effects of health information technology on patient outcomes: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 1016-36	8.6	63
99	Accuracy of electronically reported "meaningful use" clinical quality measures: a cross-sectional study. <i>Annals of Internal Medicine</i> , 2013 , 158, 77-83	8	62
98	The costs of a national health information network. <i>Annals of Internal Medicine</i> , 2005 , 143, 165-73	8	62
97	Physician experiences transitioning between an older versus newer electronic health record for electronic prescribing. <i>International Journal of Medical Informatics</i> , 2012 , 81, 539-48	5.3	61
96	Consumer support for health information exchange and personal health records: a regional health information organization survey. <i>Journal of Medical Systems</i> , 2012 , 36, 1043-52	5.1	60
95	The potential for community-based health information exchange systems to reduce hospital readmissions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015 , 22, 435-42	8.6	57
94	Electronic health records: which practices have them, and how are clinicians using them?. <i>Journal of Evaluation in Clinical Practice</i> , 2008 , 14, 43-7	2.5	57
93	How is the electronic health record being used? Use of EHR data to assess physician-level variability in technology use. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 1001-8	8.6	56
92	Consumer experience with and attitudes toward health information technology: a nationwide survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 152-6	8.6	55
91	HEAL NY: Promoting interoperable health information technology in New York State. <i>Health Affairs</i> , 2009 , 28, 493-504	7	53

90	Quality of care for acute asthma in 63 US emergency departments. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 123, 354-61	11.5	53
89	The Triangle Model for evaluating the effect of health information technology on healthcare quality and safety. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 61-5	8.6	52
88	The patient-centered medical home, electronic health records, and quality of care. <i>Annals of Internal Medicine</i> , 2014 , 160, 741-9	8	51
87	Physicians' potential use and preferences related to health information exchange. <i>International Journal of Medical Informatics</i> , 2011 , 80, 171-80	5.3	51
86	Changing the research landscape: the New York City Clinical Data Research Network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 587-90	8.6	48
85	Physicians' use of key functions in electronic health records from 2005 to 2007: a statewide survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009 , 16, 465-70	8.6	48
84	A statewide assessment of electronic health record adoption and health information exchange among nursing homes. <i>Health Services Research</i> , 2014 , 49, 361-72	3.4	45
83	Healthcare consumers' attitudes towards physician and personal use of health information exchange. <i>Journal of General Internal Medicine</i> , 2011 , 26, 1019-26	4	44
82	Routine Laboratory Blood Tests Predict SARS-CoV-2 Infection Using Machine Learning. <i>Clinical Chemistry</i> , 2020 , 66, 1396-1404	5.5	44
81	Health information exchange system usage patterns in three communities: practice sites, users, patients, and data. <i>International Journal of Medical Informatics</i> , 2013 , 82, 810-20	5.3	43
80	Electronic prescribing within an electronic health record reduces ambulatory prescribing errors. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2011 , 37, 470-8	1.4	43
79	Associations between healthcare quality and use of electronic health record functions in ambulatory care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015 , 22, 864-71	8.6	40
78	Comparative Effectiveness of Aspirin Dosing in Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2021 , 384, 1981-1990	59.2	37
77	Consumer attitudes toward personal health records in a beacon community. <i>American Journal of Managed Care</i> , 2011 , 17, e104-20	2.1	37
76	Sociotechnical challenges to developing technologies for patient access to health information exchange data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 664-70	8.6	36
75	To what extent do pediatricians accept computer-based dosing suggestions?. <i>Pediatrics</i> , 2007 , 119, e69-75	7.5	35
74	Socioeconomic disparities in adoption of personal health records over time. <i>American Journal of Managed Care</i> , 2016 , 22, 539-40	2.1	33
73	Effects of an e-Prescribing interface redesign on rates of generic drug prescribing: exploiting default options. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 891-8	8.6	30

72	A system dynamics evaluation model: implementation of health information exchange for public health reporting. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, e131-8	8.6	30
71	Measuring the effects of health information technology on quality of care: a novel set of proposed metrics for electronic quality reporting. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2009 , 35, 359-69	1.4	30
70	Self-reported violations during medication administration in two paediatric hospitals. <i>BMJ Quality and Safety</i> , 2012 , 21, 408-15	5.4	29
69	Use of Health Information Exchange and Repeat Imaging Costs. <i>Journal of the American College of Radiology</i> , 2015 , 12, 1364-70	3.5	28
68	Computerized provider order entry and patient safety. <i>Pediatric Clinics of North America</i> , 2012 , 59, 1247-55	3.5	28
67	Transitioning between electronic health records: effects on ambulatory prescribing safety. <i>Journal of General Internal Medicine</i> , 2011 , 26, 868-74	4	28
66	Using chart review to screen for medication errors and adverse drug events. <i>American Journal of Health-System Pharmacy</i> , 2002 , 59, 2323-5	2.2	28
65	Rapid growth in use of personal health records in New York, 2012-2013. <i>Journal of General Internal Medicine</i> , 2014 , 29, 850-4	4	27
64	Ambulatory prescribing errors among community-based providers in two states. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 644-8	8.6	26
63	The role of communication in paediatric drug safety. <i>Archives of Disease in Childhood</i> , 2007 , 92, 440-5	2.2	25
62	Functional gaps in attaining a national health information network. <i>Health Affairs</i> , 2005 , 24, 1281-9	0	24
61	Predicting frequent ED use by people with epilepsy with health information exchange data. <i>Neurology</i> , 2015 , 85, 1031-8	6.5	23
60	A qualitative analysis of an electronic health record (EHR) implementation in an academic ambulatory setting. <i>Journal of Innovation in Health Informatics</i> , 2008 , 16, 277-84		23
59	A needs assessment of health information technology for improving care coordination in three leading patient-centered medical homes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015 , 22, 815-20	8.6	22
58	A long-term follow-up evaluation of electronic health record prescribing safety. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, e52-8	8.6	21
57	The Patient-Centered Medical Home and Associations With Health Care Quality and Utilization: A 5-Year Cohort Study. <i>Annals of Internal Medicine</i> , 2016 , 164, 395-405	8	21
56	Hospitalization event notifications and reductions in readmissions of Medicare fee-for-service beneficiaries in the Bronx, New York. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, e150-e156	8.6	20
55	Medication errors in paediatric outpatients. <i>BMJ Quality and Safety</i> , 2010 , 19, e30	5.4	20

54	Health information exchange and the frequency of repeat medical imaging. <i>American Journal of Managed Care</i> , 2014 , 20, eSP16-24	2.1	20
53	Electronic health record adoption and health information exchange among hospitals in New York State. <i>Journal of Evaluation in Clinical Practice</i> , 2012 , 18, 1156-62	2.5	19
52	Satisfaction after the transition between electronic health record systems at six ambulatory practices. <i>Journal of Evaluation in Clinical Practice</i> , 2012 , 18, 1133-9	2.5	19
51	The impact of interoperability of electronic health records on ambulatory physician practices: a discrete-event simulation study. <i>Informatics in Primary Care</i> , 2013 , 21, 21-9		19
50	Patient experience over time in patient-centered medical homes. <i>American Journal of Managed Care</i> , 2013 , 19, 403-10	2.1	19
49	The Meaningful Use of Electronic Health Records and Health Care Utilization. <i>American Journal of Medical Quality</i> , 2016 , 31, 301-7	1.1	18
48	Effect of health information exchange on recognition of medication discrepancies is interrupted when data charges are introduced: results of a cluster-randomized controlled trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 1095-1101	8.6	17
47	People with epilepsy who use multiple hospitals; prevalence and associated factors assessed via a health information exchange. <i>Epilepsia</i> , 2014 , 55, 734-745	6.4	17
46	Impact of the Early Phase of the COVID-19 Pandemic on US Healthcare Workers: Results from the HERO Registry. <i>Journal of General Internal Medicine</i> , 2021 , 36, 1319-1326	4	17
45	Transitioning between ambulatory EHRs: a study of practitioners' perspectives. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 401-6	8.6	15
44	Electronic health records and health care quality over time in a federally qualified health center. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015 , 22, 453-8	8.6	14
43	Association Between Residential Neighborhood Social Conditions and Health Care Utilization and Costs. <i>Medical Care</i> , 2020 , 58, 586-593	3.1	14
42	The costs and savings associated with prevention of adverse events by critical care nurses. <i>Journal of Critical Care</i> , 2009 , 24, 471.e1-7	4	13
41	Evaluating health information technology in community-based settings: lessons learned. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18, 749-53	8.6	13
40	"How did you get to this number?" Stakeholder needs for implementing predictive analytics: a pre-implementation qualitative study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 709-716	8.6	12
39	The meaningful use of electronic health records and health care quality. <i>American Journal of Medical Quality</i> , 2015 , 30, 512-9	1.1	12
38	Imminent adopters of electronic health records in ambulatory care. <i>Journal of Innovation in Health Informatics</i> , 2009 , 17, 7-15		11
37	Patient encounters and care transitions in one community supported by automated query-based health information exchange 2013 , 2013, 175-84	0.7	11

36	A Tale of 2 Constituencies: Exploring Patient and Clinician Perspectives in the Age of Big Data. <i>Medical Care</i> , 2018 , 56 Suppl 10 Suppl 1, S64-S69	3.1	9
35	Patients' Use of Multiple Hospitals in a Major US City: Implications for Population Management. <i>Population Health Management</i> , 2017 , 20, 99-102	1.8	8
34	The effects of electronic prescribing by community-based providers on ambulatory medication safety. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2013 , 39, 545-52	1.4	8
33	Developing an actionable patient taxonomy to understand and characterize high-cost Medicare patients. <i>Healthcare</i> , 2020 , 8, 100406	1.8	8
32	COVID-19 Viral and Serology Testing in New York City Health Care Workers. <i>American Journal of Clinical Pathology</i> , 2020 , 154, 592-595	1.9	7
31	Socioeconomic variation in characteristics, outcomes, and healthcare utilization of COVID-19 patients in New York City. <i>PLoS ONE</i> , 2021 , 16, e0255171	3.7	7
30	Potential value of health information exchange for people with epilepsy: crossover patterns and missing clinical data 2013 , 2013, 527-36	0.7	6
29	Applications of health information exchange information to public health practice 2014 , 2014, 795-804	0.7	6
28	The comparative effectiveness of 2 electronic prescribing systems. <i>American Journal of Managed Care</i> , 2011 , 17, SP88-94	2.1	6
27	Physician Participation in Meaningful Use and Quality of Care for Medicare Fee-for-Service Enrollees. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 608-613	5.6	5
26	Clinical subphenotypes in COVID-19: derivation, validation, prediction, temporal patterns, and interaction with social determinants of health. <i>Npj Digital Medicine</i> , 2021 , 4, 110	15.7	5
25	Physician Satisfaction in Practices That Transformed Into Patient-Centered Medical Homes: A Statewide Study in New York. <i>American Journal of Medical Quality</i> , 2016 , 31, 331-6	1.1	4
24	Potentially Preventable Spending Among High-Cost Medicare Patients: Implications for Healthcare Delivery. <i>Journal of General Internal Medicine</i> , 2020 , 35, 2845-2852	4	4
23	Medicaid Stage 1 Meaningful Use EHR Incentive Payments Are Associated With Higher Quality but Not Improvements in Quality. <i>American Journal of Medical Quality</i> , 2017 , 32, 485-493	1.1	4
22	Expert panel evaluation of health information technology effects on adverse events. <i>Journal of Evaluation in Clinical Practice</i> , 2014 , 20, 375-82	2.5	4
21	Measuring the impact of "meaningful use" on quality of care. <i>JAMA Internal Medicine</i> , 2014 , 174, 998-9	11.5	4
20	Protocol Violations during Medication Administration in Pediatrics. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006 , 50, 1019-1023	0.4	4
19	Using a health information exchange system for imaging information: patterns and predictors 2013 , 2013, 1402-11	0.7	4

18	Nursing Workload and its Effect on Patient and Employee Safety. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2007 , 51, 760-764	0.4	3
17	A predictive model of clinical deterioration among hospitalized COVID-19 patients by harnessing hospital course trajectories. <i>Journal of Biomedical Informatics</i> , 2021 , 118, 103794	10.2	3
16	Reopening US Schools in the Era of COVID-19: Practical Guidance From Other Nations. <i>JAMA Health Forum</i> , 2020 , 1, e200789	2	3
15	Using Mobile Integrated Health and telehealth to support transitions of care among patients with heart failure (MIGHTy-Heart): protocol for a pragmatic randomised controlled trial.. <i>BMJ Open</i> , 2022 , 12, e054956	3	3
14	Characterising the effect of interoperability on healthcare work: a novel framework. <i>Theoretical Issues in Ergonomics Science</i> , 2014 , 15, 578-594	2.2	2
13	User experiences with pharmacy benefit manager data at the point of care. <i>Journal of Evaluation in Clinical Practice</i> , 2010 , 16, 1076-80	2.5	2
12	Implementation of Informatics to Support the NIH Research Program in a Healthcare Provider Organization. <i>AMIA Summits on Translational Science Proceedings</i> , 2019 , 2019, 602-609	1.1	2
11	Identifying organ dysfunction trajectory-based subphenotypes in critically ill patients with COVID-19		2
10	Drivers of preventable high health care utilization: a qualitative study of patient, physician and health system leader perspectives. <i>Journal of Health Services Research and Policy</i> , 2020 , 25, 220-228	2.4	2
9	Adoption of clinical data exchange in community settings: a comparison of two approaches 2014 , 2014, 359-65	0.7	1
8	A Method for Integrating Healthcare Provider Organization and Research Sponsor Systems and Workflows to Support Large-Scale Studies. <i>AMIA Summits on Translational Science Proceedings</i> , 2019 , 2019, 648-655	1.1	1
7	Identifying Patients with Persistent Preventable Utilization Offers an Opportunity to Reduce Unnecessary Spending. <i>Journal of General Internal Medicine</i> , 2020 , 35, 3534-3541	4	1
6	Use of Advance Directives among Older U.S. Adults by Dementia Status: 2012-2016. <i>Journal of Palliative Medicine</i> , 2019 , 22, 1493-1494	2.2	0
5	Characterizing Levels of Health IT System Interoperability based on How it Affects the Work of the Users. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , 2013 , 2, 6-6	0.5	
4	Using the Technology Acceptance Model to Predict Violations in the Medication Use Process. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2007 , 51, 745-749	0.4	
3	National Health Information Network Cost and Structure. <i>Annals of Internal Medicine</i> , 2006 , 144, 147	8	
2	Neighborhood-level Social Determinants of Health Improve Prediction of Preventable Hospitalization and Emergency Department Visits Beyond Claims History. <i>Population Health Management</i> , 2021 , 24, 701-709	1.8	
1	The Use of Pharmacoepidemiology to Study Medication Errors531-538		

