

# Rainu Kaushal

## List of Publications by Year in descending order

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Version: 2024-02-01

126  
papers

12,853  
citations

50276

46  
h-index

23533

111  
g-index

129  
all docs

129  
docs citations

129  
times ranked

9981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Reducing Interns' Work Hours on Serious Medical Errors in Intensive Care Units. <i>New England Journal of Medicine</i> , 2004, 351, 1838-1848.	27.0	1,589
2	Medication Errors and Adverse Drug Events in Pediatric Inpatients. <i>JAMA - Journal of the American Medical Association</i> , 2001, 285, 2114.	7.4	1,570
3	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, 1694-1700.	0.9	1,388
4	Effects of Computerized Physician Order Entry and Clinical Decision Support Systems on Medication Safety. <i>Archives of Internal Medicine</i> , 2003, 163, 1409.	3.8	1,118
5	Electronic Health Records in Ambulatory Care – A National Survey of Physicians. <i>New England Journal of Medicine</i> , 2008, 359, 50-60.	27.0	919
6	Prioritizing Strategies for Preventing Medication Errors and Adverse Drug Events in Pediatric Inpatients. <i>Pediatrics</i> , 2003, 111, 722-729.	2.1	387
7	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.	3.0	354
8	Return on Investment for a Computerized Physician Order Entry System. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006, 13, 261-266.	4.4	226
9	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.	3.0	223
10	Correlates of Electronic Health Record Adoption in Office Practices: A Statewide Survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007, 14, 110-117.	4.4	219
11	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.	3.7	180
12	Electronic Prescribing Improves Medication Safety in Community-Based Office Practices. <i>Journal of General Internal Medicine</i> , 2010, 25, 530-536.	2.6	177
13	Should Health Care Demand Interpretable Artificial Intelligence or Accept “Black Box” Medicine?. <i>Annals of Internal Medicine</i> , 2020, 172, 59.	3.9	154
14	Comparative Effectiveness of Aspirin Dosing in Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2021, 384, 1981-1990.	27.0	145
15	Potential Medication Dosing Errors in Outpatient Pediatrics. <i>Journal of Pediatrics</i> , 2005, 147, 761-767.	1.8	136
16	Prevention of Pediatric Medication Errors by Hospital Pharmacists and the Potential Benefit of Computerized Physician Order Entry. <i>Pediatrics</i> , 2007, 119, e77-e85.	2.1	126
17	Adverse Drug Events in Pediatric Outpatients. <i>Academic Pediatrics</i> , 2007, 7, 383-389.	1.7	125
18	A Survey of Workplace Violence Across 65 U.S. Emergency Departments. <i>Academic Emergency Medicine</i> , 2008, 15, 1268-1274.	1.8	124

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19	Electronic Health Records and Ambulatory Quality of Care. <i>Journal of General Internal Medicine</i> , 2013, 28, 496-503.	2.6	124
20	Pediatric Medication Errors: What Do We Know? What Gaps Remain?. <i>Academic Pediatrics</i> , 2004, 4, 73-81.	1.7	107
21	Unit-based clinical pharmacists'™ prevention of serious medication errors in pediatric inpatients. <i>American Journal of Health-System Pharmacy</i> , 2008, 65, 1254-1260.	1.0	101
22	Physicians'™ Attitudes Towards Copy and Pasting in Electronic Note Writing. <i>Journal of General Internal Medicine</i> , 2009, 24, 63-68.	2.6	96
23	Challenges to EHR Implementation in Electronic- Versus Paper-based Office Practices. <i>Journal of General Internal Medicine</i> , 2008, 23, 755-761.	2.6	94
24	Risk Factors in Preventable Adverse Drug Events in Pediatric Outpatients. <i>Journal of Pediatrics</i> , 2008, 152, 225-231.	1.8	88
25	The Costs of a National Health Information Network. <i>Annals of Internal Medicine</i> , 2005, 143, 165.	3.9	87
26	Costs of adverse events in intensive care units*. <i>Critical Care Medicine</i> , 2007, 35, 2479-2483.	0.9	86
27	Physician experiences transitioning between an older versus newer electronic health record for electronic prescribing. <i>International Journal of Medical Informatics</i> , 2012, 81, 539-548.	3.3	86
28	Routine Laboratory Blood Tests Predict SARS-CoV-2 Infection Using Machine Learning. <i>Clinical Chemistry</i> , 2020, 66, 1396-1404.	3.2	84
29	Effects of health information technology on patient outcomes: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 1016-1036.	4.4	83
30	Consumer Perceptions of Electronic Health Information Exchange. <i>American Journal of Preventive Medicine</i> , 2012, 43, 76-80.	3.0	78
31	Accuracy of Electronically Reported "Meaningful Use" Clinical Quality Measures. <i>Annals of Internal Medicine</i> , 2013, 158, 77.	3.9	78
32	Changing the research landscape: the New York City Clinical Data Research Network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 587-590.	4.4	75
33	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, 435-442.	4.4	73
34	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, 1001-1008.	4.4	70
35	Consumer Support for Health Information Exchange and Personal Health Records: A Regional Health Information Organization Survey. <i>Journal of Medical Systems</i> , 2012, 36, 1043-1052.	3.6	69
36	Consumer experience with and attitudes toward health information technology: a nationwide survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 152-156.	4.4	68

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37	Electronic health records: which practices have them, and how are clinicians using them?. Journal of Evaluation in Clinical Practice, 2008, 14, 43-47.	1.8	67
38	The Triangle Model for evaluating the effect of health information technology on healthcare quality and safety. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 61-65.	4.4	65
39	Quality of care for acute asthma in 63 US emergency departments. Journal of Allergy and Clinical Immunology, 2009, 123, 354-361.	2.9	61
40	The Patient-Centered Medical Home, Electronic Health Records, and Quality of Care. Annals of Internal Medicine, 2014, 160, 741.	3.9	61
41	HEAL NY: Promoting Interoperable Health Information Technology In New York State. Health Affairs, 2009, 28, 493-504.	5.2	60
42	A Statewide Assessment of Electronic Health Record Adoption and Health Information Exchange among Nursing Homes. Health Services Research, 2014, 49, 361-372.	2.0	60
43	Physicians' potential use and preferences related to health information exchange. International Journal of Medical Informatics, 2011, 80, 171-180.	3.3	56
44	Healthcare Consumers' Attitudes Towards Physician and Personal Use of Health Information Exchange. Journal of General Internal Medicine, 2011, 26, 1019-1026.	2.6	52
45	Health information exchange system usage patterns in three communities: Practice sites, users, patients, and data. International Journal of Medical Informatics, 2013, 82, 810-820.	3.3	52
46	Impact of the Early Phase of the COVID-19 Pandemic on US Healthcare Workers: Results from the HERO Registry. Journal of General Internal Medicine, 2021, 36, 1319-1326.	2.6	52
47	Electronic Prescribing Within an Electronic Health Record Reduces Ambulatory Prescribing Errors. Joint Commission Journal on Quality and Patient Safety, 2011, 37, 470-478.	0.7	51
48	Associations between healthcare quality and use of electronic health record functions in ambulatory care. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 864-871.	4.4	50
49	Physicians' Use of Key Functions in Electronic Health Records from 2005 to 2007: A Statewide Survey. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 465-470.	4.4	49
50	Use of Health Information Exchange and Repeat Imaging Costs. Journal of the American College of Radiology, 2015, 12, 1364-1370.	1.8	46
51	Effects of an e-Prescribing interface redesign on rates of generic drug prescribing: exploiting default options. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 891-898.	4.4	44
52	Sociotechnical challenges to developing technologies for patient access to health information exchange data. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 664-670.	4.4	42
53	Measuring the Effects of Health Information Technology on Quality of Care: A Novel Set of Proposed Metrics for Electronic Quality Reporting. Joint Commission Journal on Quality and Patient Safety, 2009, 35, 359-AP2.	0.7	41
54	A system dynamics evaluation model: implementation of health information exchange for public health reporting. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e131-e138.	4.4	41

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55	To What Extent Do Pediatricians Accept Computer-Based Dosing Suggestions?. <i>Pediatrics</i> , 2007, 119, e69-e75.	2.1	40
56	Consumer attitudes toward personal health records in a beacon community. <i>American Journal of Managed Care</i> , 2011, 17, e104-20.	1.1	39
57	Socioeconomic disparities in adoption of personal health records over time. <i>American Journal of Managed Care</i> , 2016, 22, 539-40.	1.1	35
58	Transitioning Between Electronic Health Records: Effects on Ambulatory Prescribing Safety. <i>Journal of General Internal Medicine</i> , 2011, 26, 868-874.	2.6	34
59	Self-reported violations during medication administration in two paediatric hospitals. <i>BMJ Quality and Safety</i> , 2012, 21, 408-415.	3.7	34
60	Using chart review to screen for medication errors and adverse drug events. <i>American Journal of Health-System Pharmacy</i> , 2002, 59, 2323-2325.	1.0	33
61	The role of communication in paediatric drug safety. <i>Archives of Disease in Childhood</i> , 2007, 92, 440-445.	1.9	33
62	Computerized Provider Order Entry and Patient Safety. <i>Pediatric Clinics of North America</i> , 2012, 59, 1247-1255.	1.8	33
63	Medication errors in paediatric outpatients. <i>BMJ Quality and Safety</i> , 2010, 19, e30-e30.	3.7	31
64	Predicting frequent ED use by people with epilepsy with health information exchange data. <i>Neurology</i> , 2015, 85, 1031-1038.	1.1	31
65	Association Between Residential Neighborhood Social Conditions and Health Care Utilization and Costs. <i>Medical Care</i> , 2020, 58, 586-593.	2.4	31
66	Ambulatory prescribing errors among community-based providers in two states. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 644-648.	4.4	30
67	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-e58.	4.4	30
68	Rapid Growth in Use of Personal Health Records in New York, 2012â€“2013. <i>Journal of General Internal Medicine</i> , 2014, 29, 850-854.	2.6	30
69	The Patient-Centered Medical Home and Associations With Health Care Quality and Utilization. <i>Annals of Internal Medicine</i> , 2016, 164, 395.	3.9	30
70	The impact of interoperability of electronic health records on ambulatory physician practices: a discrete-event simulation study. <i>Informatics in Primary Care</i> , 2014, 21, 21-29.	1.1	30
71	Functional Gaps In Attaining A National Health Information Network. <i>Health Affairs</i> , 2005, 24, 1281-1289.	5.2	29
72	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.	4.4	29

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73	“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.	4.4	29
74	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, 277-284.	0.9	28
75	Electronic health record adoption and health information exchange among hospitals in New York State. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 1156-1162.	1.8	26
76	Socioeconomic variation in characteristics, outcomes, and healthcare utilization of COVID-19 patients in New York City. <i>PLoS ONE</i> , 2021, 16, e0255171.	2.5	26
77	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, 815-820.	4.4	25
78	Satisfaction after the transition between electronic health record systems at six ambulatory practices. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 1133-1139.	1.8	24
79	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.	4.4	23
80	Health information exchange and the frequency of repeat medical imaging. <i>American Journal of Managed Care</i> , 2014, 20, eSP16-24.	1.1	21
81	People with epilepsy who use multiple hospitals; prevalence and associated factors assessed via a health information exchange. <i>Epilepsia</i> , 2014, 55, 734-745.	5.1	20
82	Imminent adopters of electronic health records in ambulatory care. <i>Journal of Innovation in Health Informatics</i> , 2009, 17, 7-15.	0.9	20
83	Patient experience over time in patient-centered medical homes. <i>American Journal of Managed Care</i> , 2013, 19, 403-10.	1.1	20
84	The Meaningful Use of Electronic Health Records and Health Care Utilization. <i>American Journal of Medical Quality</i> , 2016, 31, 301-307.	0.5	19
85	Transitioning between ambulatory EHRs: a study of practitioners' perspectives. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 401-406.	4.4	18
86	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, 453-458.	4.4	18
87	A Tale of 2 Constituencies. <i>Medical Care</i> , 2018, 56, S64-S69.	2.4	18
88	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.	10.9	18
89	The costs and savings associated with prevention of adverse events by critical care nurses. <i>Journal of Critical Care</i> , 2009, 24, 471.e1-471.e7.	2.2	17
90	Evaluating health information technology in community-based settings: lessons learned. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 749-753.	4.4	15

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91	The Meaningful Use of Electronic Health Records and Health Care Quality. American Journal of Medical Quality, 2015, 30, 512-519.	0.5	15
92	Equity in the Age of Health Care Information Technology and Innovation. Medical Care, 2019, 57, S106-S107.	2.4	14
93	Patients' Use of Multiple Hospitals in a Major US City: Implications for Population Management. Population Health Management, 2017, 20, 99-102.	1.7	13
94	Drivers of preventable high health care utilization: a qualitative study of patient, physician and health system leader perspectives. Journal of Health Services Research and Policy, 2020, 25, 220-228.	1.7	12
95	COVID-19 Viral and Serology Testing in New York City Health Care Workers. American Journal of Clinical Pathology, 2020, 154, 592-595.	0.7	12
96	Patient encounters and care transitions in one community supported by automated query-based health information exchange. AMIA ... Annual Symposium proceedings, 2013, 2013, 175-84.	0.2	12
97	Developing an actionable patient taxonomy to understand and characterize high-cost Medicare patients. Healthcare, 2020, 8, 100406.	1.3	11
98	The Effects of Electronic Prescribing by Community-Based Providers on Ambulatory Medication Safety. Joint Commission Journal on Quality and Patient Safety, 2013, 39, 545-552.	0.7	10
99	A predictive model of clinical deterioration among hospitalized COVID-19 patients by harnessing hospital course trajectories. Journal of Biomedical Informatics, 2021, 118, 103794.	4.3	10
100	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. BMJ Open, 2022, 12, e054956.	1.9	10
101	Potentially Preventable Spending Among High-Cost Medicare Patients: Implications for Healthcare Delivery. Journal of General Internal Medicine, 2020, 35, 2845-2852.	2.6	8
102	Physician Participation in Meaningful Use and Quality of Care for Medicare Fee-for-Service Enrollees. Journal of the American Geriatrics Society, 2017, 65, 608-613.	2.6	7
103	Protocol Violations during Medication Administration in Pediatrics. Proceedings of the Human Factors and Ergonomics Society, 2006, 50, 1019-1023.	0.3	6
104	Using a health information exchange system for imaging information: patterns and predictors. AMIA ... Annual Symposium proceedings, 2013, 2013, 1402-11.	0.2	6
105	Potential value of health information exchange for people with epilepsy: crossover patterns and missing clinical data. AMIA ... Annual Symposium proceedings, 2013, 2013, 527-36.	0.2	6
106	Applications of health information exchange information to public health practice. AMIA ... Annual Symposium proceedings, 2014, 2014, 795-804.	0.2	6
107	The comparative effectiveness of 2 electronic prescribing systems. American Journal of Managed Care, 2011, 17, SP88-94.	1.1	6
108	Expert panel evaluation of health information technology effects on adverse events. Journal of Evaluation in Clinical Practice, 2014, 20, 375-382.	1.8	5

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109	Introduction and Commentary for Special Issue on Health Information Technology. Health Services Research, 2014, 49, 319-324.	2.0	5
110	Identifying Patients with Persistent Preventable Utilization Offers an Opportunity to Reduce Unnecessary Spending. Journal of General Internal Medicine, 2020, 35, 3534-3541.	2.6	5
111	Measuring the Impact of "Meaningful Use" on Quality of Care. JAMA Internal Medicine, 2014, 174, 998.	5.1	4
112	Characterising the effect of interoperability on healthcare work: a novel framework. Theoretical Issues in Ergonomics Science, 2014, 15, 578-594.	1.8	4
113	Physician Satisfaction in Practices That Transformed Into Patient-Centered Medical Homes. American Journal of Medical Quality, 2016, 31, 331-336.	0.5	4
114	Medicaid Stage 1 Meaningful Use EHR Incentive Payments Are Associated With Higher Quality but Not Improvements in Quality. American Journal of Medical Quality, 2017, 32, 485-493.	0.5	4
115	Reopening US Schools in the Era of COVID-19: Practical Guidance From Other Nations. JAMA Health Forum, 2020, 1, e200789.	2.2	4
116	Nursing Workload and its Effect on Patient and Employee Safety. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 760-764.	0.3	3
117	Use of Advance Directives among Older U.S. Adults by Dementia Status: 2012"2016. Journal of Palliative Medicine, 2019, 22, 1493-1494.	1.1	3
118	Neighborhood-level Social Determinants of Health Improve Prediction of Preventable Hospitalization and Emergency Department Visits Beyond Claims History. Population Health Management, 2021, 24, 701-709.	1.7	3
119	Using the Technology Acceptance Model to Predict Violations in the Medication Use Process. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 745-749.	0.3	2
120	User experiences with pharmacy benefit manager data at the point of care. Journal of Evaluation in Clinical Practice, 2010, 16, 1076-1080.	1.8	2
121	Adoption of clinical data exchange in community settings: a comparison of two approaches. AMIA ... Annual Symposium proceedings, 2014, 2014, 359-65.	0.2	2
122	Implementation of Informatics to Support the NIH Research Program in a Healthcare Provider Organization. AMIA Summits on Translational Science Proceedings, 2019, 2019, 602-609.	0.4	2
123	A Method for Integrating Healthcare Provider Organization and Research Sponsor Systems and Workflows to Support Large-Scale Studies. AMIA Summits on Translational Science Proceedings, 2019, 2019, 648-655.	0.4	1
124	National Health Information Network Cost and Structure. Annals of Internal Medicine, 2006, 144, 147.	3.9	0
125	Characterizing Levels of Health IT System Interoperability based on How it Affects the Work of the Users. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2013, 2, 6-6.	0.3	0
126	The Use of Pharmacoepidemiology to Study Medication Errors. , 0, , 531-538.		0