

# Dean F Sittig

## List of Publications by Year in descending order

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Version: 2024-02-01

287  
papers

14,345  
citations

17440

63  
h-index

27406

106  
g-index

293  
all docs

293  
docs citations

293  
times ranked

10451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomized clinical trial of pressure-controlled inverse ratio ventilation and extracorporeal CO2 removal for adult respiratory distress syndrome.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 295-305.	5.6	954
2	Types of Unintended Consequences Related to Computerized Provider Order Entry. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 547-556.	4.4	677
3	Grand challenges in clinical decision support. Journal of Biomedical Informatics, 2008, 41, 387-392.	4.3	511
4	A new sociotechnical model for studying health information technology in complex adaptive healthcare systems. Quality and Safety in Health Care, 2010, 19, i68-i74.	2.5	506
5	The Extent and Importance of Unintended Consequences Related to Computerized Provider Order Entry. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 415-423.	4.4	421
6	Communication breakdown in the outpatient referral process. Journal of General Internal Medicine, 2000, 15, 626-631.	2.6	290
7	Computer-based Physician Order Entry: The State of the Art. Journal of the American Medical Informatics Association: JAMIA, 1994, 1, 108-123.	4.4	243
8	Categorizing the unintended sociotechnical consequences of computerized provider order entry. International Journal of Medical Informatics, 2007, 76, S21-S27.	3.3	229
9	The Emerging Science of Very Early Detection of Disease Outbreaks. Journal of Public Health Management and Practice, 2001, 7, 51-59.	1.4	184
10	The unintended consequences of computerized provider order entry: Findings from a mixed methods exploration. International Journal of Medical Informatics, 2009, 78, S69-S76.	3.3	174
11	Information Overload and Missed Test Results in Electronic Health Record-Based Settings. JAMA Internal Medicine, 2013, 173, 702.	5.1	169
12	Defining and Measuring Diagnostic Uncertainty in Medicine: A Systematic Review. Journal of General Internal Medicine, 2018, 33, 103-115.	2.6	169
13	An analysis of electronic health record-related patient safety concerns. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 1053-1059.	4.4	163
14	Electronic Health Records and National Patient-Safety Goals. New England Journal of Medicine, 2012, 367, 1854-1860.	27.0	160
15	Clinical Decision Support in Electronic Prescribing: Recommendations and an Action Plan. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 365-376.	4.4	151
16	Defining Health Information Technology-Related Errors. Archives of Internal Medicine, 2011, 171, 1281.	3.8	145
17	The use of sequential pattern mining to predict next prescribed medications. Journal of Biomedical Informatics, 2015, 53, 73-80.	4.3	140
18	Notification of Abnormal Lab Test Results in an Electronic Medical Record: Do Any Safety Concerns Remain?. American Journal of Medicine, 2010, 123, 238-244.	1.5	137

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19	Prediction Model for Estimating the Survival Benefit of Adjuvant Radiotherapy for Gallbladder Cancer. <i>Journal of Clinical Oncology</i> , 2008, 26, 2112-2117.	1.6	136
20	Patient portals and health apps: Pitfalls, promises, and what one might learn from the other. <i>Healthcare</i> , 2017, 5, 81-85.	1.3	135
21	The Impact of Prescribing Safety Alerts for Elderly Persons in an Electronic Medical Record. <i>Archives of Internal Medicine</i> , 2006, 166, 1098.	3.8	132
22	Advancing the science of measurement of diagnostic errors in healthcare: the Safer Dx framework. <i>BMJ Quality and Safety</i> , 2015, 24, 103-110.	3.7	130
23	Clinical Decision Support Capabilities of Commercially-available Clinical Information Systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009, 16, 637-644.	4.4	128
24	Computerized Provider Order Entry Adoption: Implications for Clinical Workflow. <i>Journal of General Internal Medicine</i> , 2009, 24, 21-26.	2.6	127
25	Lessons From "Unexpected Increased Mortality After Implementation of a Commercially Sold Computerized Physician Order Entry System". <i>Pediatrics</i> , 2006, 118, 797-801.	2.1	124
26	Some unintended consequences of clinical decision support systems. <i>AMIA ... Annual Symposium proceedings</i> , 2007, , 26-30.	0.2	123
27	Problem list completeness in electronic health records: A multi-site study and assessment of success factors. <i>International Journal of Medical Informatics</i> , 2015, 84, 784-790.	3.3	121
28	Patient access to medical records and healthcare outcomes: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 737-741.	4.4	116
29	Measuring and improving patient safety through health information technology: The Health IT Safety Framework. <i>BMJ Quality and Safety</i> , 2016, 25, 226-232.	3.7	114
30	Development and evaluation of a comprehensive clinical decision support taxonomy: comparison of front-end tools in commercial and internally developed electronic health record systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 232-242.	4.4	110
31	A survey of factors affecting clinician acceptance of clinical decision support. <i>BMC Medical Informatics and Decision Making</i> , 2006, 6, 6.	3.0	109
32	A four-phase model of the evolution of clinical decision support architectures. <i>International Journal of Medical Informatics</i> , 2008, 77, 641-649.	3.3	108
33	Integrating Patient-Generated Health Data Into Clinical Care Settings or Clinical Decision-Making: Lessons Learned From Project HealthDesign. <i>JMIR Human Factors</i> , 2016, 3, e26.	2.0	102
34	Conditional survival in gastric cancer: a SEER database analysis. <i>Gastric Cancer</i> , 2007, 10, 153-158.	5.3	100
35	Notifications Received by Primary Care Practitioners in Electronic Health Records: A Taxonomy and Time Analysis. <i>American Journal of Medicine</i> , 2012, 125, 209.e1-209.e7.	1.5	100
36	A systematic review of the types and causes of prescribing errors generated from using computerized provider order entry systems in primary and secondary care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 432-440.	4.4	100

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37	Reducing Warfarin Medication Interactions. Archives of Internal Medicine, 2006, 166, 1009.	3.8	99
38	Analysis of clinical decision support system malfunctions: a case series and survey. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1068-1076.	4.4	97
39	Using information systems to measure and improve quality. International Journal of Medical Informatics, 1999, 53, 115-124.	3.3	96
40	Prospective randomized double-blind study of atlas-based organ-at-risk autosegmentation-assisted radiation planning in head and neck cancer. Radiotherapy and Oncology, 2014, 112, 321-325.	0.6	96
41	Creating and sharing clinical decision support content with Web 2.0: Issues and examples. Journal of Biomedical Informatics, 2009, 42, 334-346.	4.3	94
42	The state of the art in clinical knowledge management: An inventory of tools and techniques. International Journal of Medical Informatics, 2010, 79, 44-57.	3.3	92
43	The Burden of Inbox Notifications in Commercial Electronic Health Records. JAMA Internal Medicine, 2016, 176, 559.	5.1	92
44	Rapid Assessment of Clinical Information Systems in the Healthcare Setting. Methods of Information in Medicine, 2011, 50, 299-307.	1.2	91
45	Summarization of clinical information: A conceptual model. Journal of Biomedical Informatics, 2011, 44, 688-699.	4.3	91
46	MediClass: A System for Detecting and Classifying Encounter-based Clinical Events in Any Electronic Medical Record. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 517-529.	4.4	89
47	Legal, Ethical, and Financial Dilemmas in Electronic Health Record Adoption and Use. Pediatrics, 2011, 127, e1042-e1047.	2.1	82
48	Clinical decision support alert appropriateness: a review and proposal for improvement. Ochsner Journal, 2014, 14, 195-202.	1.1	79
49	Natural Language Processing in the Electronic Medical Record Assessing Clinician Adherence to Tobacco Treatment Guidelines. American Journal of Preventive Medicine, 2005, 29, 434-439.	3.0	78
50	Application of electronic trigger tools to identify targets for improving diagnostic safety. BMJ Quality and Safety, 2019, 28, 151-159.	3.7	78
51	A survey of patient-provider e-mail communication: what do patients think?. International Journal of Medical Informatics, 2001, 61, 71-80.	3.3	76
52	Governance for clinical decision support: case studies and recommended practices from leading institutions. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 187-194.	4.4	76
53	Recommended practices for computerized clinical decision support and knowledge management in community settings: a qualitative study. BMC Medical Informatics and Decision Making, 2012, 12, 6.	3.0	76
54	Emotional Aspects of Computer-based Provider Order Entry: A Qualitative Study. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 561-567.	4.4	75

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55	Early Results of the Meaningful Use Program for Electronic Health Records. <i>New England Journal of Medicine</i> , 2013, 368, 779-780.	27.0	75
56	Personal health records on the internet: a snapshot of the pioneers at the end of the 20th Century. <i>International Journal of Medical Informatics</i> , 2002, 65, 1-6.	3.3	73
57	Eight Rights of Safe Electronic Health Record Use. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1111.	7.4	73
58	Primary care practitioners' views on test result management in EHR-enabled health systems: a national survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 727-735.	4.4	73
59	A Socio-technical Approach to Preventing, Mitigating, and Recovering from Ransomware Attacks. <i>Applied Clinical Informatics</i> , 2016, 07, 624-632.	1.7	73
60	Patient perceptions of receiving test results via online portals: a mixed-methods study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 440-446.	4.4	73
61	Exploring the sociotechnical intersection of patient safety and electronic health record implementation. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, e28-e34.	4.4	71
62	How to Design Computerized Alerts to Ensure Safe Prescribing Practices. <i>Joint Commission Journal on Quality and Safety</i> , 2004, 30, 602-613.	1.3	70
63	Improving the safety of health information technology requires shared responsibility: It is time we all step up. <i>Healthcare</i> , 2018, 6, 7-12.	1.3	68
64	Safe Electronic Health Record Use Requires a Comprehensive Monitoring and Evaluation Framework. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 450.	7.4	67
65	Implementation of a Computerized Patient Advice System using the HELP clinical information system. <i>Journal of Biomedical Informatics</i> , 1989, 22, 474-487.	0.7	66
66	A strategy for development of computerized critical care decision support systems. <i>Journal of Clinical Monitoring and Computing</i> , 1991, 8, 263-269.	0.3	64
67	Variation in high-priority drug-drug interaction alerts across institutions and electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 331-338.	4.4	63
68	Current challenges in health information technologyâ€related patient safety. <i>Health Informatics Journal</i> , 2020, 26, 181-189.	2.1	62
69	COVID-19 and the Need for a National Health Information Technology Infrastructure. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2373.	7.4	61
70	Results of a content analysis of electronic messages (email) sent between patients and their physicians. <i>BMC Medical Informatics and Decision Making</i> , 2003, 3, 11.	3.0	59
71	Matching identifiers in electronic health records: implications for duplicate records and patient safety. <i>BMJ Quality and Safety</i> , 2013, 22, 219-224.	3.7	59
72	Grand Challenges in Medical Informatics?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 1994, 1, 412-413.	4.4	58

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73	Provider management strategies of abnormal test result alerts: a cognitive task analysis. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 71-77.	4.4	57
74	Review of Reported Clinical Information System Adverse Events in US Food and Drug Administration Databases. Applied Clinical Informatics, 2011, 02, 63-74.	1.7	57
75	Towards successful coordination of electronic health record based-referrals: a qualitative analysis. Implementation Science, 2011, 6, 84.	6.9	57
76	Clinical decision support alert malfunctions: analysis and empirically derived taxonomy. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 496-506.	4.4	57
77	New Unintended Adverse Consequences of Electronic Health Records. Yearbook of Medical Informatics, 2016, 25, 7-12.	1.0	55
78	Basic Microbiologic and Infection Control Information to Reduce the Potential Transmission of Pathogens to Patients via Computer Hardware. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 500-508.	4.4	54
79	Follow-up Actions on Electronic Referral Communication in a Multispecialty Outpatient Setting. Journal of General Internal Medicine, 2011, 26, 64-69.	2.6	54
80	Understanding the management of electronic test result notifications in the outpatient setting. BMC Medical Informatics and Decision Making, 2011, 11, 22.	3.0	54
81	The Medicare Electronic Health Record Incentive Program: Provider Performance on Core and Menu Measures. Health Services Research, 2014, 49, 325-346.	2.0	54
82	A New Socio-technical Model for Studying Health Information Technology in Complex Adaptive Healthcare Systems. Computers in Health Care, 2015, , 59-80.	0.3	53
83	A framework and model for evaluating clinical decision support architectures. Journal of Biomedical Informatics, 2008, 41, 982-990.	4.3	51
84	Improving follow-up of abnormal cancer screens using electronic health records: trust but verify test result communication. BMC Medical Informatics and Decision Making, 2009, 9, 49.	3.0	51
85	SANDS: A service-oriented architecture for clinical decision support in a National Health Information Network. Journal of Biomedical Informatics, 2008, 41, 962-981.	4.3	49
86	A comparative review of patient safety initiatives for national health information technology. International Journal of Medical Informatics, 2013, 82, e139-e148.	3.3	49
87	Contingency planning for electronic health record-based care continuity: A survey of recommended practices. International Journal of Medical Informatics, 2014, 83, 797-804.	3.3	49
88	Comparison of clinical knowledge management capabilities of commercially-available and leading internally-developed electronic health records. BMC Medical Informatics and Decision Making, 2011, 11, 13.	3.0	47
89	Improving Clinical Quality Indicators Through Electronic Health Records: It Takes More Than Just a Reminder. Pediatrics, 2009, 124, 375-377.	2.1	46
90	Recommendations for the safe, effective use of adaptive CDS in the US healthcare system: an AMIA position paper. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 677-684.	4.4	46

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91	Ebola US Patient Zero: lessons on misdiagnosis and effective use of electronic health records. <i>Diagnosis</i> , 2014, 1, 283-287.	1.9	45
92	Graphical display of diagnostic test results in electronic health Records: a comparison of 8 systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 900-904.	4.4	45
93	A Survey of Informatics Platforms That Enable Distributed Comparative Effectiveness Research Using Multi-institutional Heterogenous Clinical Data. <i>Medical Care</i> , 2012, 50, S49-S59.	2.4	44
94	The SAFER guides: empowering organizations to improve the safety and effectiveness of electronic health records. <i>American Journal of Managed Care</i> , 2014, 20, 418-23.	1.1	44
95	Creating an Oversight Infrastructure for Electronic Health Record-Related Patient Safety Hazards. <i>Journal of Patient Safety</i> , 2011, 7, 169-174.	1.7	41
96	Adding insight: A qualitative cross-site study of physician order entry. <i>International Journal of Medical Informatics</i> , 2005, 74, 623-628.	3.3	40
97	Electronic Health Record-Based Messages to Primary Care Providers: Valuable Information or Just Noise?. <i>Archives of Internal Medicine</i> , 2012, 172, 283.	3.8	40
98	Clinician's assessments of outpatient electronic medical record alert and reminder usability and usefulness requirements. <i>Proceedings</i> , 2002, , 400-4.	0.6	40
99	Development and evaluation of a crowdsourcing methodology for knowledge base construction: identifying relationships between clinical problems and medications. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 713-718.	4.4	39
100	Understanding differences in electronic health record (EHR) use: linking individual physicians' perceptions of uncertainty and EHR use patterns in ambulatory care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 73-81.	4.4	39
101	Safety huddles to proactively identify and address electronic health record safety. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 261-267.	4.4	39
102	A Sociotechnical Framework for Safety-Related Electronic Health Record Research Reporting: The SAFER Reporting Framework. <i>Annals of Internal Medicine</i> , 2020, 172, S92-S100.	3.9	39
103	Implementation pearls from a new guidebook on improving medication use and outcomes with clinical decision support. Effective CDS is essential for addressing healthcare performance improvement imperatives. <i>Journal of Healthcare Information Management: JHIM</i> , 2009, 23, 38-45.	0.1	38
104	Use of order sets in inpatient computerized provider order entry systems: A comparative analysis of usage patterns at seven sites. <i>International Journal of Medical Informatics</i> , 2012, 81, 733-745.	3.3	37
105	Improving the Effectiveness of Electronic Health Record-Based Referral Processes. <i>BMC Medical Informatics and Decision Making</i> , 2012, 12, 107.	3.0	37
106	Bringing science to medicine: an interview with Larry Weed, inventor of the problem-oriented medical record. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 964-968.	4.4	37
107	Ten Strategies to Improve Management of Abnormal Test Result Alerts in the Electronic Health Record. <i>Journal of Patient Safety</i> , 2010, 6, 121-123.	1.7	36
108	Physiologic trend detection and artifact rejection: a parallel implementation of a multi-state Kalman filtering algorithm. <i>Computer Methods and Programs in Biomedicine</i> , 1990, 31, 1-10.	4.7	35

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109	Improving Test Result Follow-up through Electronic Health Records Requires More than Just an Alert. <i>Journal of General Internal Medicine</i> , 2012, 27, 1235-1237.	2.6	35
110	Lessons learned from implementing service-oriented clinical decision support at four sites: A qualitative study. <i>International Journal of Medical Informatics</i> , 2015, 84, 901-911.	3.3	35
111	Structured override reasons for drug-drug interaction alerts in electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 934-942.	4.4	35
112	Standard practices for computerized clinical decision support in community hospitals: a national survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 980-987.	4.4	34
113	How context affects electronic health record-based test result follow-up: a mixed-methods evaluation. <i>BMJ Open</i> , 2014, 4, e005985.	1.9	34
114	A qualitative study of the activities performed by people involved in clinical decision support: recommended practices for success. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 464-472.	4.4	33
115	The Story Behind the Development of the First Whole-body Computerized Tomography Scanner as Told by Robert S. Ledley. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006, 13, 465-469.	4.4	32
116	Computerized management of patient care in a complex, controlled clinical trial in the intensive care unit. <i>Computer Methods and Programs in Biomedicine</i> , 1989, 30, 77-84.	4.7	31
117	An Innovative Dicrotic Notch Detection Algorithm Which Combines Rule-Based Logic with Digital Signal Processing Techniques. <i>Journal of Biomedical Informatics</i> , 1995, 28, 154-170.	0.7	31
118	Safety Assurance Factors for Electronic Health Record Resilience (SAFER): study protocol. <i>BMC Medical Informatics and Decision Making</i> , 2013, 13, 46.	3.0	31
119	What makes an EHR "open" or interoperable?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1099-1101.	4.4	30
120	Computerized Triggers of Big Data to Detect Delays in Follow-up of Chest Imaging Results. <i>Chest</i> , 2016, 150, 613-620.	0.8	30
121	Clinical evaluation of computer-based respiratory care algorithms. <i>Journal of Clinical Monitoring and Computing</i> , 1990, 7, 177-185.	0.3	29
122	Improving outpatient safety through effective electronic communication: a study protocol. <i>Implementation Science</i> , 2009, 4, 62.	6.9	29
123	How the Continuity of Care Document Can Advance Medical Research and Public Health. <i>American Journal of Public Health</i> , 2012, 102, e1-e4.	2.7	29
124	Use of a support vector machine for categorizing free-text notes: assessment of accuracy across two institutions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 887-890.	4.4	29
125	Workarounds and Test Results Follow-up in Electronic Health Record-Based Primary Care. <i>Applied Clinical Informatics</i> , 2016, 07, 543-559.	1.7	29
126	Practicing Clinicians' Recommendations to Reduce Burden from the Electronic Health Record Inbox: a Mixed-Methods Study. <i>Journal of General Internal Medicine</i> , 2019, 34, 1825-1832.	2.6	29



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127	Automated development of order sets and corollary orders by data mining in an ambulatory computerized physician order entry system. AMIA ... Annual Symposium proceedings, 2006, , 819-23.	0.2	29
128	Developing Software to "Track and Catch" Missed Follow-up of Abnormal Test Results in a Complex Sociotechnical Environment. Applied Clinical Informatics, 2013, 04, 359-375.	1.7	28
129	The evaluation of clinical decision support systems: what is necessary versus what is interesting. Medical Informatics = Medecine Et Informatique, 1990, 15, 185-190.	0.8	27
130	Encryption Characteristics of Two USB-based Personal Health Record Devices. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 397-399.	4.4	27
131	Prescriber and staff perceptions of an electronic prescribing system in primary care: a qualitative assessment. BMC Medical Informatics and Decision Making, 2010, 10, 72.	3.0	27
132	Best practices for preventing malfunctions in rule-based clinical decision support alerts and reminders: Results of a Delphi study. International Journal of Medical Informatics, 2018, 118, 78-85.	3.3	27
133	Identifying best practices for clinical decision support and knowledge management in the field. Studies in Health Technology and Informatics, 2010, 160, 806-10.	0.3	27
134	Real-time data fusion in the intensive care unit. Computer, 1991, 24, 45-54.	1.1	26
135	Assessing the anticipated consequences of Computer-based Provider Order Entry at three community hospitals using an open-ended, semi-structured survey instrument. International Journal of Medical Informatics, 2008, 77, 440-447.	3.3	26
136	A benchmark comparison of deterministic and probabilistic methods for defining manual review datasets in duplicate records reconciliation. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 97-104.	4.4	26
137	Implementing electronic health records (EHRs): health care provider perceptions before and after transition from a local basic EHR to a commercial comprehensive EHR. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 618-626.	4.4	26
138	An electronic trigger based on care escalation to identify preventable adverse events in hospitalised patients. BMJ Quality and Safety, 2018, 27, 241-246.	3.7	26
139	Overdependence on technology: an unintended adverse consequence of computerized provider order entry. AMIA ... Annual Symposium proceedings, 2007, , 94-8.	0.2	26
140	Effectiveness of an Electronic Health Record-based Intervention to Improve Follow-up of Abnormal Pathology Results. Medical Care, 2012, 50, 898-904.	2.4	25
141	An unintended consequence of CPOE implementation: shifts in power, control, and autonomy. AMIA ... Annual Symposium proceedings, 2006, , 11-5.	0.2	25
142	Factors contributing to medication errors made when using computerized order entry in pediatrics: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 575-584.	4.4	24
143	Electronic Triggers to Identify Delays in Follow-Up of Mammography: Harnessing the Power of Big Data in HealthACare. Journal of the American College of Radiology, 2018, 15, 287-295.	1.8	24
144	A rapid assessment process for clinical informatics interventions. AMIA ... Annual Symposium proceedings, 2008, , 26-30.	0.2	24

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145	Rights and responsibilities of users of electronic health records. <i>Cmaj</i> , 2012, 184, 1479-1483.	2.0	23
146	Patient safety goals for the proposed Federal Health Information Technology Safety Center. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 472-478.	4.4	23
147	Testing electronic health records in the "production" environment: an essential step in the journey to a safe and effective health care system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 188-192.	4.4	23
148	Development and Validation of Trigger Algorithms to Identify Delays in Diagnostic Evaluation of Gastroenterological Cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 90-98.	4.4	23
149	Using machine learning to selectively highlight patient information. <i>Journal of Biomedical Informatics</i> , 2019, 100, 103327.	4.3	23
150	An Exploration of Barriers, Facilitators, and Suggestions for Improving Electronic Health Record Inbox-Related Usability. <i>JAMA Network Open</i> , 2019, 2, e1912638.	5.9	23
151	Health Care Transformation Through Collaboration on Open-Source Informatics Projects: Integrating a Medical Applications Platform, Research Data Repository, and Patient Summarization. <i>Interactive Journal of Medical Research</i> , 2013, 2, e11.	1.4	23
152	Exploring the unintended consequences of computerized physician order entry. <i>Studies in Health Technology and Informatics</i> , 2007, 129, 198-202.	0.3	23
153	A computer-based outpatient clinical referral system. <i>International Journal of Medical Informatics</i> , 1999, 55, 149-158.	3.3	22
154	Electronic health record-related safety concerns: A cross-sectional survey. <i>Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management</i> , 2014, 34, 14-26.	0.7	22
155	Challenges in patient safety improvement research in the era of electronic health records. <i>Healthcare</i> , 2016, 4, 285-290.	1.3	22
156	Enabling a learning healthcare system with automated computer protocols that produce replicable and personalized clinician actions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1330-1344.	4.4	22
157	Clinical Summarization Capabilities of Commercially-available and Internally-developed Electronic Health Records. <i>Applied Clinical Informatics</i> , 2012, 3, 80-93.	1.7	22
158	Order sets in computerized physician order entry systems: an analysis of seven sites. <i>AMIA ... Annual Symposium proceedings</i> , 2010, 2010, 892-6.	0.2	22
159	A parallel software architecture for building intelligent medical monitors. <i>Journal of Clinical Monitoring and Computing</i> , 1990, 7, 117-128.	0.3	21
160	The evolution of eProtocols that enable reproducible clinical research and care methods. <i>Journal of Clinical Monitoring and Computing</i> , 2012, 26, 305-317.	1.6	21
161	Application of Electronic Health Records to the Joint Commission's 2011 National Patient Safety Goals. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 92-3.	7.4	20
162	Factors associated with radiation therapy incidents in a large academic institution. <i>Practical Radiation Oncology</i> , 2015, 5, 21-27.	2.1	20

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163	Characteristics of health IT outage and suggested risk management strategies: An analysis of historical incident reports in China. <i>International Journal of Medical Informatics</i> , 2014, 83, 122-130.	3.3	19
164	Multiple perspectives on clinical decision support: a qualitative study of fifteen clinical and vendor organizations. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, 35.	3.0	19
165	Reducing Unnecessary Shoulder MRI Examinations Within a Capitated Health Care System: A Potential Role for Shoulder Ultrasound. <i>Journal of the American College of Radiology</i> , 2016, 13, 780-787.	1.8	19
166	Electronic health record reviews to measure diagnostic uncertainty in primary care. <i>Journal of Evaluation in Clinical Practice</i> , 2018, 24, 545-551.	1.8	19
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