

David W Bates

List of Publications by Year in descending order

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Version: 2024-02-01

594
papers

57,634
citations

1368

108
h-index

1381

222
g-index

615
all docs

615
docs citations

615
times ranked

32966
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of Adverse Drug Events and Potential Adverse Drug Events. JAMA - Journal of the American Medical Association, 1995, 274, 29.	3.8	1,981
2	Effect of Computerized Physician Order Entry and a Team Intervention on Prevention of Serious Medication Errors. JAMA - Journal of the American Medical Association, 1998, 280, 1311.	3.8	1,700
3	The Incidence and Severity of Adverse Events Affecting Patients after Discharge from the Hospital. Annals of Internal Medicine, 2003, 138, 161.	2.0	1,481
4	Health Care–Associated Infections. JAMA Internal Medicine, 2013, 173, 2039.	2.6	1,403
5	The Critical Care Safety Study: The incidence and nature of adverse events and serious medical errors in intensive care*. Critical Care Medicine, 2005, 33, 1694-1700.	0.4	1,388
6	Incidence and Preventability of Adverse Drug Events Among Older Persons in the Ambulatory Setting. JAMA - Journal of the American Medical Association, 2003, 289, 1107.	3.8	1,354
7	Improving Safety with Information Technology. New England Journal of Medicine, 2003, 348, 2526-2534.	13.9	1,298
8	Adverse Drug Events in Ambulatory Care. New England Journal of Medicine, 2003, 348, 1556-1564.	13.9	1,160
9	Personal Health Records: Definitions, Benefits, and Strategies for Overcoming Barriers to Adoption. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 121-126.	2.2	1,152
10	Effects of Computerized Physician Order Entry and Clinical Decision Support Systems on Medication Safety. Archives of Internal Medicine, 2003, 163, 1409.	4.3	1,118
11	Ten Commandments for Effective Clinical Decision Support: Making the Practice of Evidence-based Medicine a Reality. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 523-530.	2.2	1,091
12	The Impact of Computerized Physician Order Entry on Medication Error Prevention. Journal of the American Medical Informatics Association: JAMIA, 1999, 6, 313-321.	2.2	1,047
13	The Costs of Adverse Drug Events in Hospitalized Patients. JAMA - Journal of the American Medical Association, 1997, 277, 307.	3.8	1,038
14	Big Data In Health Care: Using Analytics To Identify And Manage High-Risk And High-Cost Patients. Health Affairs, 2014, 33, 1123-1131.	2.5	906
15	Relationship between medication errors and adverse drug events. Journal of General Internal Medicine, 1995, 10, 199-205.	1.3	805
16	Reducing the Frequency of Errors in Medicine Using Information Technology. Journal of the American Medical Informatics Association: JAMIA, 2001, 8, 299-308.	2.2	750
17	Role of Pharmacist Counseling in Preventing Adverse Drug Events After Hospitalization. Archives of Internal Medicine, 2006, 166, 565.	4.3	648
18	Medication-related Clinical Decision Support in Computerized Provider Order Entry Systems: A Review. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 29-40.	2.2	625

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19	Medication Errors Observed in 36 Health Care Facilities. Archives of Internal Medicine, 2002, 162, 1897.	4.3	583
20	A cost-benefit analysis of electronic medical records in primary care. American Journal of Medicine, 2003, 114, 397-403.	0.6	568
21	Incidence and preventability of adverse drug events in nursing homes. American Journal of Medicine, 2000, 109, 87-94.	0.6	556
22	Preventable adverse drug events in hospitalized patients. Critical Care Medicine, 1997, 25, 1289-1297.	0.4	548
23	Grand challenges in clinical decision support. Journal of Biomedical Informatics, 2008, 41, 387-392.	2.5	511
24	The Value Of Health Care Information Exchange And Interoperability. Health Affairs, 2005, 24, W5-10-W5-18.	2.5	505
25	The Incident Reporting System Does Not Detect Adverse Drug Events: A Problem for Quality Improvement. The Joint Commission Journal on Quality Improvement, 1995, 21, 541-548.	1.5	484
26	What Practices Will Most Improve Safety?. JAMA - Journal of the American Medical Association, 2002, 288, 501.	3.8	466
27	Effect of Bar-Code Technology on the Safety of Medication Administration. New England Journal of Medicine, 2010, 362, 1698-1707.	13.9	462
28	Identifying Adverse Drug Events: Development of a Computer-based Monitor and Comparison with Chart Review and Stimulated Voluntary Report. Journal of the American Medical Informatics Association: JAMIA, 1998, 5, 305-314.	2.2	443
29	Mortality and Costs of Acute Renal Failure Associated with Amphotericin B Therapy. Clinical Infectious Diseases, 2001, 32, 686-693.	2.9	414
30	Effects of Computerized Physician Order Entry on Prescribing Practices. Archives of Internal Medicine, 2000, 160, 2741.	4.3	400
31	Prioritizing Strategies for Preventing Medication Errors and Adverse Drug Events in Pediatric Inpatients. Pediatrics, 2003, 111, 722-729.	1.0	387
32	Drug complications in outpatients. Journal of General Internal Medicine, 2000, 15, 149-154.	1.3	378
33	Electronic Health Record Use and the Quality of Ambulatory Care in the United States. Archives of Internal Medicine, 2007, 167, 1400.	4.3	378
34	The global burden of unsafe medical care: analytic modelling of observational studies. BMJ Quality and Safety, 2013, 22, 809-815.	1.8	377
35	Detecting Adverse Events Using Information Technology. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 115-128.	2.2	368
36	Comparison of methods for detecting medication errors in 36 hospitals and skilled-nursing facilities. American Journal of Health-System Pharmacy, 2002, 59, 436-446.	0.5	352

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37	The incidence of adverse drug events in two large academic long-term care facilities. American Journal of Medicine, 2005, 118, 251-258.	0.6	345
38	A Research Agenda for Personal Health Records (PHRs). Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 729-736.	2.2	343
39	A Proposal for Electronic Medical Records in U.S. Primary Care. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 1-10.	2.2	329
40	Incidence and preventability of adverse drug events in hospitalized adults. Journal of General Internal Medicine, 1993, 8, 289-294.	1.3	327
41	Improving Acceptance of Computerized Prescribing Alerts in Ambulatory Care. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 5-11.	2.2	319
42	The Digital Divide in Adoption and Use of a Personal Health Record. Archives of Internal Medicine, 2011, 171, 568-74.	4.3	303
43	Physician Burnout in the Electronic Health Record Era: Are We Ignoring the Real Cause?. Annals of Internal Medicine, 2018, 169, 50.	2.0	298
44	Factors and Forces Affecting EHR System Adoption: Report of a 2004 ACMI Discussion. Journal of the American Medical Informatics Association: JAMIA, 2004, 12, 8-12.	2.2	296
45	Communication breakdown in the outpatient referral process. Journal of General Internal Medicine, 2000, 15, 626-631.	1.3	290
46	Patient Risk Factors for Adverse Drug Events in Hospitalized Patients. Archives of Internal Medicine, 1999, 159, 2553.	4.3	289
47	A controlled trial of smart infusion pumps to improve medication safety in critically ill patients*. Critical Care Medicine, 2005, 33, 533-540.	0.4	275
48	What can hospitalized patients tell us about adverse events? Learning from patient-reported incidents. Journal of General Internal Medicine, 2005, 20, 830-836.	1.3	272
49	Detecting adverse events for patient safety research: a review of current methodologies. Journal of Biomedical Informatics, 2003, 36, 131-143.	2.5	259
50	A randomized trial of a computer-based intervention to reduce utilization of redundant laboratory tests. American Journal of Medicine, 1999, 106, 144-150.	0.6	256
51	Practical approach to determining costs and frequency of adverse drug events in a health care network. American Journal of Health-System Pharmacy, 2001, 58, 1126-1132.	0.5	247
52	Medication Dispensing Errors and Potential Adverse Drug Events before and after Implementing Bar Code Technology in the Pharmacy. Annals of Internal Medicine, 2006, 145, 426.	2.0	244
53	Ten key considerations for the successful implementation and adoption of large-scale health information technology. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e9-e13.	2.2	240
54	Predicting Bacteremia in Hospitalized Patients. Annals of Internal Medicine, 1990, 113, 495.	2.0	234

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55	Implementation of Physician Order Entry: User Satisfaction and Self-Reported usage Patterns. Journal of the American Medical Informatics Association: JAMIA, 1996, 3, 42-55.	2.2	232
56	The Future Of Health Information Technology In The Patient-Centered Medical Home. Health Affairs, 2010, 29, 614-621.	2.5	231
57	Return on Investment for a Computerized Physician Order Entry System. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 261-266.	2.2	226
58	Evaluation of Perioperative Medication Errors and Adverse Drug Events. Anesthesiology, 2016, 124, 25-34.	1.3	226
59	Clinical Decision Support Systems Could Be Modified To Reduce "Alert Fatigue" While Still Minimizing The Risk Of Litigation. Health Affairs, 2011, 30, 2310-2317.	2.5	224
60	What Evidence Supports the Use of Computerized Alerts and Prompts to Improve Clinicians' Prescribing Behavior?. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 531-538.	2.2	222
61	Outpatient prescribing errors and the impact of computerized prescribing. Journal of General Internal Medicine, 2005, 20, 837-841.	1.3	220
62	Correlates of Electronic Health Record Adoption in Office Practices: A Statewide Survey. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 110-117.	2.2	219
63	Two Decades Since "To Err Is Human": An Assessment Of Progress And Emerging Priorities In Patient Safety. Health Affairs, 2018, 37, 1736-1743.	2.5	219
64	In Search of a Few Good Apps. JAMA - Journal of the American Medical Association, 2014, 311, 1851.	3.8	217
65	A Randomized Trial of Electronic Clinical Reminders to Improve Quality of Care for Diabetes and Coronary Artery Disease. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 431-437.	2.2	213
66	Tiering Drug-Drug Interaction Alerts by Severity Increases Compliance Rates. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 40-46.	2.2	213
67	Usability of Commercially Available Mobile Applications for Diverse Patients. Journal of General Internal Medicine, 2016, 31, 1417-1426.	1.3	212
68	Primary care physician time utilization before and after implementation of an electronic health record: A time-motion study. Journal of Biomedical Informatics, 2005, 38, 176-188.	2.5	209
69	How safe is primary care? A systematic review. BMJ Quality and Safety, 2016, 25, 544-553.	1.8	208
70	Improving Response to Critical Laboratory Results with Automation: Results of a Randomized Controlled Trial. Journal of the American Medical Informatics Association: JAMIA, 1999, 6, 512-522.	2.2	207
71	Hospital Workload and Adverse Events. Medical Care, 2007, 45, 448-455.	1.1	206
72	Can Electronic Clinical Documentation Help Prevent Diagnostic Errors?. New England Journal of Medicine, 2010, 362, 1066-1069.	13.9	202

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73	Beyond validation: getting health apps into clinical practice. <i>Npj Digital Medicine</i> , 2020, 3, 14.	5.7	196
74	Characteristics and Consequences of Drug Allergy Alert Overrides in a Computerized Physician Order Entry System. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2004, 11, 482-491.	2.2	191
75	Why Pharmacists Belong In The Medical Home. <i>Health Affairs</i> , 2010, 29, 906-913.	2.5	189
76	A review of human factors principles for the design and implementation of medication safety alerts in clinical information systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2010, 17, 493-501.	2.2	187
77	Overrides of medication-related clinical decision support alerts in outpatients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 487-491.	2.2	184
78	Drug-drug interactions that should be non-interruptive in order to reduce alert fatigue in electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 489-493.	2.2	183
79	How Can Information Technology Improve Patient Safety and Reduce Medication Errors in Children's Health Care?. <i>JAMA Pediatrics</i> , 2001, 155, 1002.	3.6	181
80	An evaluation of risk factors for adverse drug events associated with angiotensin-converting enzyme inhibitors. <i>Journal of Evaluation in Clinical Practice</i> , 2004, 10, 499-509.	0.9	179
81	Health information exchange and patient safety. <i>Journal of Biomedical Informatics</i> , 2007, 40, S40-S45.	2.5	169
82	Telemedicine, COVID-19, and disparities: Policy implications. <i>Health Policy and Technology</i> , 2020, 9, 368-371.	1.3	168
83	Digital Health Equity as a Necessity in the 21st Century Cures Act Era. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2381.	3.8	168
84	The Relationship between Electronic Health Record Use and Quality of Care over Time. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009, 16, 457-464.	2.2	164
85	Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and meta-regression. <i>British Journal of Sports Medicine</i> , 2021, 55, 422-432.	3.1	163
86	Physicians And Ambulatory Electronic Health Records. <i>Health Affairs</i> , 2005, 24, 1180-1189.	2.5	158
87	Physicians and Electronic Health Records. <i>Archives of Internal Medicine</i> , 2007, 167, 507.	4.3	155
88	Continuous Monitoring in an Inpatient Medical-Surgical Unit: A Controlled Clinical Trial. <i>American Journal of Medicine</i> , 2014, 127, 226-232.	0.6	146
89	Mixed Results In The Safety Performance Of Computerized Physician Order Entry. <i>Health Affairs</i> , 2010, 29, 655-663.	2.5	145
90	The Impact of Whole-Genome Sequencing on the Primary Care and Outcomes of Healthy Adult Patients. <i>Annals of Internal Medicine</i> , 2017, 167, 159.	2.0	145

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91	Global priorities for patient safety research. BMJ: British Medical Journal, 2009, 338, b1775-b1775.	2.4	143
92	Integrating Predictive Analytics Into High-Value Care. JAMA - Journal of the American Medical Association, 2016, 315, 651.	3.8	140
93	Benefits and Risks of Using Smart Pumps to Reduce Medication Error Rates: A Systematic Review. Drug Safety, 2014, 37, 1011-1020.	1.4	135
94	Incidence of Adverse Drug Events and Medication Errors in Japan: the JADE Study. Journal of General Internal Medicine, 2011, 26, 148-153.	1.3	133
95	The Expanding Digital Divide: Digital Health Access Inequities during the COVID-19 Pandemic in New York City. Journal of Urban Health, 2021, 98, 183-186.	1.8	131
96	Patient Safety and Computerized Medication Ordering at Brigham and Women's Hospital. The Joint Commission Journal on Quality Improvement, 2001, 27, 509-521.	1.5	123
97	Linking Laboratory and Pharmacy. Archives of Internal Medicine, 2003, 163, 893.	4.3	122
98	The State Of Regional Health Information Organizations: Current Activities And Financing. Health Affairs, 2007, 26, w60-w69.	2.5	122
99	Clinician Use of a Palmtop Drug Reference Guide. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 223-229.	2.2	121
100	Problem list completeness in electronic health records: A multi-site study and assessment of success factors. International Journal of Medical Informatics, 2015, 84, 784-790.	1.6	121
101	Preventing medication errors: A summary. American Journal of Health-System Pharmacy, 2007, 64, S3-S9.	0.5	120
102	A Consensus Action Agenda for Achieving the National Health Information Infrastructure. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 332-338.	2.2	119
103	Correlates of acute renal failure in patients receiving parenteral amphotericin B. Kidney International, 2001, 60, 1452-1459.	2.6	116
104	U.S. Regional Health Information Organizations: Progress And Challenges. Health Affairs, 2009, 28, 483-492.	2.5	116
105	Errors associated with outpatient computerized prescribing systems. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 767-773.	2.2	116
106	The Costs of Adverse Drug Events in Community Hospitals. Joint Commission Journal on Quality and Patient Safety, 2012, 38, 120-126.	0.4	116
107	Medication-related clinical decision support alert overrides in inpatients. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 476-481.	2.2	116
108	What Proportion of Common Diagnostic Tests Appear Redundant?. American Journal of Medicine, 1998, 104, 361-368.	0.6	115

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109	Guided Prescription of Psychotropic Medications for Geriatric Inpatients. Archives of Internal Medicine, 2005, 165, 802.	4.3	113
110	High-priority drug-drug interactions for use in electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 735-743.	2.2	112
111	Computerized Physician Order Entry Systems In Hospitals: Mandates And Incentives. Health Affairs, 2002, 21, 180-188.	2.5	111
112	Relationship Between Use of Electronic Health Record Features and Health Care Quality. Medical Care, 2010, 48, 203-209.	1.1	111
113	Pediatric Medication Errors: What Do We Know? What Gaps Remain?. Academic Pediatrics, 2004, 4, 73-81.	1.7	107
114	The Costs Associated With Adverse Drug Events Among Older Adults in the Ambulatory Setting. Medical Care, 2005, 43, 1171-1176.	1.1	107
115	Factors influencing alert acceptance: a novel approach for predicting the success of clinical decision support. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 479-484.	2.2	107
116	Patient Perceptions of a Personal Health Record: A Test of the Diffusion of Innovation Model. Journal of Medical Internet Research, 2012, 14, e150.	2.1	107
117	Quantifying Nursing Workflow in Medication Administration. Journal of Nursing Administration, 2008, 38, 19-26.	0.7	105
118	Clinical decision support models and frameworks: Seeking to address research issues underlying implementation successes and failures. Journal of Biomedical Informatics, 2018, 78, 134-143.	2.5	105
119	Use and Monitoring of "Statin" Lipid-Lowering Drugs Compared With Guidelines. Archives of Internal Medicine, 2001, 161, 53.	4.3	104
120	Integrating Incident Data from Five Reporting Systems to Assess Patient Safety: Making Sense of the Elephant. Joint Commission Journal on Quality and Patient Safety, 2010, 36, 402-AP18.	0.4	103
121	A Survey of Health Information Exchange Organizations in the United States: Implications for Meaningful Use. Annals of Internal Medicine, 2011, 154, 666.	2.0	102
122	Unit-based clinical pharmacists' prevention of serious medication errors in pediatric inpatients. American Journal of Health-System Pharmacy, 2008, 65, 1254-1260.	0.5	101
123	Analysis of Medication-Related Malpractice Claims. Archives of Internal Medicine, 2002, 162, 2414.	4.3	100
124	A systematic review of the types and causes of prescribing errors generated from using computerized provider order entry systems in primary and secondary care. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 432-440.	2.2	100
125	Comparative Accuracy of Diagnosis by Collective Intelligence of Multiple Physicians vs Individual Physicians. JAMA Network Open, 2019, 2, e190096.	2.8	99
126	Design and implementation of a comprehensive outpatient Results Manager. Journal of Biomedical Informatics, 2003, 36, 80-91.	2.5	98

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127	Automating Complex Guidelines for Chronic Disease: Lessons Learned. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 154-165.	2.2	98
128	Adverse Drug Event Rates in Six Community Hospitals and the Potential Impact of Computerized Physician Order Entry for Prevention. Journal of General Internal Medicine, 2010, 25, 31-38.	1.3	98
129	Analysis of clinical decision support system malfunctions: a case series and survey. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1068-1076.	2.2	97
130	Prescribers' Responses to Alerts During Medication Ordering in the Long Term Care Setting. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 385-390.	2.2	96
131	Effect of Computerized Provider Order Entry with Clinical Decision Support on Adverse Drug Events in the Long-Term Care Setting. Journal of the American Geriatrics Society, 2008, 56, 2225-2233.	1.3	94
132	A web-based, patient-centered toolkit to engage patients and caregivers in the acute care setting: a preliminary evaluation. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 80-87.	2.2	94
133	Leveraging health information technology to achieve the "triple aim" of healthcare reform. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 849-856.	2.2	93
134	Care Partners and Online Patient Portals. JAMA - Journal of the American Medical Association, 2014, 311, 357.	3.8	92
135	Does the Computerized Display of Charges Affect Inpatient Ancillary Test Utilization?. Archives of Internal Medicine, 1997, 157, 2501.	4.3	91
136	Rising drug allergy alert overrides in electronic health records: an observational retrospective study of a decade of experience. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 601-608.	2.2	90
137	Computerized physician order entry and quality of care. Quality Management in Health Care, 1994, 2, 18-27.	0.4	89
138	Identifying hospital admissions due to adverse drug events using a computer-based monitor. Pharmacoepidemiology and Drug Safety, 2001, 10, 113-119.	0.9	86
139	The potential of artificial intelligence to improve patient safety: a scoping review. Npj Digital Medicine, 2021, 4, 54.	5.7	86
140	Standards of laboratory practice: antiepileptic drug monitoring. Clinical Chemistry, 1998, 44, 1085-1095.	1.5	85
141	Error in Medicine: What Have We Learned?. Annals of Internal Medicine, 2000, 132, 763.	2.0	85
142	Medication Errors. Drug Safety, 1996, 15, 303-310.	1.4	84
143	Prevalence of food allergies and intolerances documented in electronic health records. Journal of Allergy and Clinical Immunology, 2017, 140, 1587-1591.e1.	1.5	84
144	Clinical Use of Bone Densitometry. JAMA - Journal of the American Medical Association, 2002, 288, 1898.	3.8	83

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145	The quality case for information technology in healthcare. BMC Medical Informatics and Decision Making, 2002, 2, 7.	1.5	83
146	The frequency of intravenous medication administration errors related to smart infusion pumps: a multihospital observational study. BMJ Quality and Safety, 2017, 26, 131-140.	1.8	83
147	Finding patients before they crash: the next major opportunity to improve patient safety. BMJ Quality and Safety, 2015, 24, 1-3.	1.8	82
148	Strategies for Detecting Adverse Drug Events among Older Persons in the Ambulatory Setting. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 492-498.	2.2	80
149	Improving Safety And Eliminating Redundant Tests: Cutting Costs In U.S. Hospitals. Health Affairs, 2009, 28, 1475-1484.	2.5	80
150	How Many Hospital Pharmacy Medication Dispensing Errors Go Undetected?. Joint Commission Journal on Quality and Patient Safety, 2006, 32, 73-80.	0.4	78
151	An effort to improve electronic health record medication list accuracy between visits: Patients' and physicians' response. International Journal of Medical Informatics, 2008, 77, 153-160.	1.6	78
152	Community-wide Implementation of Health Information Technology: The Massachusetts eHealth Collaborative Experience. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 132-139.	2.2	78
153	Health Apps and Health Policy. JAMA - Journal of the American Medical Association, 2018, 320, 1975.	3.8	78
154	Occurrence of adverse, often preventable, events in community hospitals involving nephrotoxic drugs or those excreted by the kidney. Kidney International, 2009, 76, 1192-1198.	2.6	77
155	Drug-Induced Anaphylaxis Documented in Electronic Health Records. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 103-111.	2.0	77
156	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.	2.2	76
157	Let the left hand know what the right is doing: a vision for care coordination and electronic health records: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 13-16.	2.2	76
158	Care coordination gaps due to lack of interoperability in the United States: a qualitative study and literature review. BMC Health Services Research, 2016, 16, 143.	0.9	75
159	Digital Inclusion as Health Care "Supporting Health Care Equity with Digital-Infrastructure Initiatives. New England Journal of Medicine, 2022, 386, 1101-1103.	13.9	75
160	Adherence to Black Box Warnings for Prescription Medications in Outpatients. Archives of Internal Medicine, 2006, 166, 338.	4.3	73
161	Are We Heeding the Warning Signs? Examining Providers' Overrides of Computerized Drug-Drug Interaction Alerts in Primary Care. PLoS ONE, 2013, 8, e85071.	1.1	73
162	Electronic Health Records in Specialty Care: A Time-Motion Study. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 609-615.	2.2	72

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163	Implementation and Use of an Electronic Health Record within the Indian Health Service. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 191-197.	2.2	71
164	A Computer-Based Intervention for Improving the Appropriateness of Antiepileptic Drug Level Monitoring. American Journal of Clinical Pathology, 2003, 119, 432-438.	0.4	70
165	Improving medication-related clinical decision support. American Journal of Health-System Pharmacy, 2018, 75, 239-246.	0.5	70
166	Evaluation of Screening Criteria for Adverse Events in Medical Patients. Medical Care, 1995, 33, 452-462.	1.1	69
167	Preventable Medication Errors: Identifying and Eliminating Serious Drug Interactions. Journal of the American Pharmacists Association, 2001, 41, 159-160.	0.6	69
168	Impact of Non-interruptive Medication Laboratory Monitoring Alerts in Ambulatory Care. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 66-71.	2.2	69
169	Electronic health records: which practices have them, and how are clinicians using them?. Journal of Evaluation in Clinical Practice, 2008, 14, 43-47.	0.9	67
170	Evaluation and Certification of Computerized Provider Order Entry Systems. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 48-55.	2.2	66
171	Evaluation of medium-term consequences of implementing commercial computerized physician order entry and clinical decision support prescribing systems in two 'early adopter' hospitals. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e194-e202.	2.2	65
172	Reporting and Implementing Interventions Involving Machine Learning and Artificial Intelligence. Annals of Internal Medicine, 2020, 172, S137-S144.	2.0	64
173	Assessment of Electronic Health Record Use Between US and Non-US Health Systems. JAMA Internal Medicine, 2021, 181, 251.	2.6	64
174	Use of Chart and Record Reviews to Detect Medication Errors in a State Psychiatric Hospital. Psychiatric Services, 2003, 54, 677-681.	1.1	63
175	Screening for medication errors using an outlier detection system. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 281-287.	2.2	63
176	Top-Funded Digital Health Companies And Their Impact On High-Burden, High-Cost Conditions. Health Affairs, 2019, 38, 115-123.	2.5	63
177	Developing a Framework for Evaluating the Patient Engagement, Quality, and Safety of Mobile Health Applications. Issue Brief (Commonwealth Fund), 2016, 5, 1-11.	0.9	63
178	Current challenges in health information technology-related patient safety. Health Informatics Journal, 2020, 26, 181-189.	1.1	62
179	Electronic health records: Use, barriers and satisfaction among physicians who care for black and Hispanic patients. Journal of Evaluation in Clinical Practice, 2009, 15, 158-163.	0.9	61
180	Rapid Classification of Positive Blood Cultures. JAMA - Journal of the American Medical Association, 1992, 267, 1962.	3.8	60

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181	Recommendations for selecting drug-drug interactions for clinical decision support. <i>American Journal of Health-System Pharmacy</i> , 2016, 73, 576-585.	0.5	60
182	Paperless healthcare: Progress and challenges of an IT-enabled healthcare system. <i>Business Horizons</i> , 2010, 53, 119-130.	3.4	59
183	National efforts to improve health information system safety in Canada, the United States of America and England. <i>International Journal of Medical Informatics</i> , 2013, 82, e149-e160.	1.6	59
184	Errors and discrepancies in the administration of intravenous infusions: a mixed methods multihospital observational study. <i>BMJ Quality and Safety</i> , 2018, 27, 892-901.	1.8	59
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