

Blackford Middleton

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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.

127
papers

7,874
citations

43
h-index

87
g-index

136
ext. papers

8,810
ext. citations

5
avg, IF

5.52
L-index

#	Paper	IF	Citations
127	Ten commandments for effective clinical decision support: making the practice of evidence-based medicine a reality. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2003 , 10, 523-30	8.6	904
126	A cost-benefit analysis of electronic medical records in primary care. <i>American Journal of Medicine</i> , 2003 , 114, 397-403	2.4	461
125	Grand challenges in clinical decision support. <i>Journal of Biomedical Informatics</i> , 2008 , 41, 387-92	10.2	406
124	A roadmap for national action on clinical decision support. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007 , 14, 141-5	8.6	405
123	Enhancing patient safety and quality of care by improving the usability of electronic health record systems: recommendations from AMIA. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, e2-8	8.6	390
122	The value of health care information exchange and interoperability. <i>Health Affairs</i> , 2005 , Suppl Web Exclusives, W5-10-W5-18	0	336
121	Electronic health record use and the quality of ambulatory care in the United States. <i>Archives of Internal Medicine</i> , 2007 , 167, 1400-5		300
120	A research agenda for personal health records (PHRs). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008 , 15, 729-36	8.6	275
119	Fall prevention in acute care hospitals: a randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 1912-8	27.4	218
118	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
117	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
116	Practice-linked online personal health records for type 2 diabetes mellitus: a randomized controlled trial. <i>Archives of Internal Medicine</i> , 2008 , 168, 1776-82		169
115	Interface design principles for usable decision support: a targeted review of best practices for clinical prescribing interventions. <i>Journal of Biomedical Informatics</i> , 2012 , 45, 1202-16	10.2	168
114	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, 489-93	8.6	134
113	Clinical Decision-Support Systems 2014 , 643-674		120
112	Using qualitative studies to improve the usability of an EMR. <i>Journal of Biomedical Informatics</i> , 2005 , 38, 51-60	10.2	115
111	Clinical decision support capabilities of commercially-available clinical information systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009 , 16, 637-44	8.6	110

110	A consensus action agenda for achieving the national health information infrastructure. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2004 , 11, 332-8	8.6	96
109	High-priority drug-drug interactions for use in electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 735-43	8.6	93
108	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, 232-42	8.6	91
107	"Smart Forms" in an Electronic Medical Record: documentation-based clinical decision support to improve disease management. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008 , 15, 513-23	8.6	82
106	Accelerating U.S. EHR adoption: how to get there from here. recommendations based on the 2004 ACMI retreat. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2005 , 12, 13-9	8.6	81
105	Design of decision support interventions for medication prescribing. <i>International Journal of Medical Informatics</i> , 2013 , 82, 492-503	5.3	77
104	The state of the art in clinical knowledge management: an inventory of tools and techniques. <i>International Journal of Medical Informatics</i> , 2010 , 79, 44-57	5.3	76
103	Creating and sharing clinical decision support content with Web 2.0: Issues and examples. <i>Journal of Biomedical Informatics</i> , 2009 , 42, 334-46	10.2	75
102	Randomized controlled trial of health maintenance reminders provided directly to patients through an electronic PHR. <i>Journal of General Internal Medicine</i> , 2012 , 27, 85-92	4	72
101	A description and functional taxonomy of rule-based decision support content at a large integrated delivery network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007 , 14, 489-96	8.6	68
100	Effects of an online personal health record on medication accuracy and safety: a cluster-randomized trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 728-34	8.6	67
99	Why do patients in acute care hospitals fall? Can falls be prevented?. <i>Journal of Nursing Administration</i> , 2009 , 39, 299-304	1.6	66
98	Design and implementation of a web-based patient portal linked to an ambulatory care electronic health record: patient gateway for diabetes collaborative care. <i>Diabetes Technology and Therapeutics</i> , 2006 , 8, 576-86	8.1	66
97	Clinical decision support models and frameworks: Seeking to address research issues underlying implementation successes and failures. <i>Journal of Biomedical Informatics</i> , 2018 , 78, 134-143	10.2	65
96	Opportunities to enhance patient and physician e-mail contact. <i>International Journal of Medical Informatics</i> , 2003 , 70, 1-9	5.3	65
95	Governance for clinical decision support: case studies and recommended practices from leading institutions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18, 187-94	8.6	63
94	The costs of a national health information network. <i>Annals of Internal Medicine</i> , 2005 , 143, 165-73	8	62
93	Recommended practices for computerized clinical decision support and knowledge management in community settings: a qualitative study. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 6	3.6	59

92	A pilot study of distributed knowledge management and clinical decision support in the cloud. <i>Artificial Intelligence in Medicine</i> , 2013 , 59, 45-53	7.4	58
91	Benefits of information technology-enabled diabetes management. <i>Diabetes Care</i> , 2007 , 30, 1137-42	14.6	52
90	The value from investments in health information technology at the U.S. Department of Veterans Affairs. <i>Health Affairs</i> , 2010 , 29, 629-38	7	51
89	Complementary methods of system usability evaluation: surveys and observations during software design and development cycles. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 782-90	10.2	47
88	The value proposition in the widespread use of telehealth. <i>Journal of Telemedicine and Telecare</i> , 2008 , 14, 167-8	6.8	47
87	The clinical decision support consortium. <i>Studies in Health Technology and Informatics</i> , 2009 , 150, 26-30	0.5	46
86	Documentation-based clinical decision support to improve antibiotic prescribing for acute respiratory infections in primary care: a cluster randomised controlled trial. <i>Journal of Innovation in Health Informatics</i> , 2009 , 17, 231-40		43
85	Electronic health record feedback to improve antibiotic prescribing for acute respiratory infections. <i>American Journal of Managed Care</i> , 2010 , 16, e311-9	2.1	43
84	Method of electronic health record documentation and quality of primary care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 1019-24	8.6	42
83	A multi-layered framework for disseminating knowledge for computer-based decision support. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18 Suppl 1, i132-9	8.6	41
82	Acute infections in primary care: accuracy of electronic diagnoses and electronic antibiotic prescribing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006 , 13, 61-6	8.6	39
81	Achieving U.S. Health information technology adoption: the need for a third hand. <i>Health Affairs</i> , 2005 , 24, 1269-72	0	39
80	The Chief Clinical Informatics Officer (CCIO): AMIA Task Force Report on CCIO Knowledge, Education, and Skillset Requirements. <i>Applied Clinical Informatics</i> , 2016 , 7, 143-76	3.1	39
79	Comparison of clinical knowledge management capabilities of commercially-available and leading internally-developed electronic health records. <i>BMC Medical Informatics and Decision Making</i> , 2011 , 11, 13	3.6	38
78	Knowledge Engineering for Large Belief Networks 1994 , 484-490		37
77	Design and implementation of a web-based patient portal linked to an electronic health record designed to improve medication safety: the Patient Gateway medications module. <i>Journal of Innovation in Health Informatics</i> , 2008 , 16, 147-55		37
76	The value of provider-to-provider telehealth. <i>Telemedicine Journal and E-Health</i> , 2008 , 14, 446-53	5.9	35
75	Barriers to electronic health record use during patient visits 2006 , 499-503	0.7	35

74	Criteria for assessing high-priority drug-drug interactions for clinical decision support in electronic health records. <i>BMC Medical Informatics and Decision Making</i> , 2013 , 13, 65	3.6	34
73	Communicating health information to an alarmed public facing a threat such as a bioterrorist attack. <i>Journal of Health Communication</i> , 2004 , 9, 67-75	2.5	34
72	Implementing practice-linked pre-visit electronic journals in primary care: patient and physician use and satisfaction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2010 , 17, 502-6	8.6	33
71	Crossing the health IT chasm: considerations and policy recommendations to overcome current challenges and enable value-based care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 1036-1043	8.6	32
70	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1993 , 15, 292-298	13.3	32
69	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, 733-45	5.3	31
68	A patient-controlled journal for an electronic medical record: issues and challenges. <i>Studies in Health Technology and Informatics</i> , 2004 , 107, 1166-70	0.5	31
67	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, 464-72	8.6	30
66	Lessons learned from implementing service-oriented clinical decision support at four sites: A qualitative study. <i>International Journal of Medical Informatics</i> , 2015 , 84, 901-11	5.3	28
65	Healthcare information technology and economics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 212-7	8.6	26
64	Key principles for a national clinical decision support knowledge sharing framework: synthesis of insights from leading subject matter experts. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 199-207	8.6	26
63	The economic benefits of health information exchange interoperability for Australia. <i>Australian Health Review</i> , 2007 , 31, 531-9	1.8	26
62	Identifying best practices for clinical decision support and knowledge management in the field. <i>Studies in Health Technology and Informatics</i> , 2010 , 160, 806-10	0.5	25
61	Effects of documentation-based decision support on chronic disease management. <i>American Journal of Managed Care</i> , 2010 , 16, SP72-81	2.1	23
60	A highly scalable, interoperable clinical decision support service. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, e55-62	8.6	22
59	Evaluating standard terminologies for encoding allergy information. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 969-79	8.6	22
58	Creating an enterprise-wide allergy repository at Partners HealthCare System 2003 , 376-80	0.7	22
57	Order sets in computerized physician order entry systems: an analysis of seven sites 2010 , 2010, 892-6	0.7	22

56	Self-reported familiarity with acute respiratory infection guidelines and antibiotic prescribing in primary care. <i>International Journal for Quality in Health Care</i> , 2010 , 22, 469-75	1.9	19
55	Sharing electronic laboratory results in a patient portal--a feasibility pilot. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 18-22	0.5	19
54	Decision support for acute problems: the role of the standardized patient in usability testing. <i>Journal of Biomedical Informatics</i> , 2006 , 39, 648-55	10.2	17
53	Does national regulatory mandate of provider order entry portend greater benefit than risk for health care delivery? The 2001 ACMI debate. The American College of Medical Informatics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2002 , 9, 199-208	8.6	17
52	Scales for assessing self-efficacy of nurses and assistants for preventing falls. <i>Journal of Advanced Nursing</i> , 2011 , 67, 438-49	3.1	15
51	Bridging the chasm: effect of health information exchange on volume of laboratory testing. <i>Archives of Internal Medicine</i> , 2012 , 172, 517-9		15
50	Survey analysis of patient experience using a practice-linked PHR for type 2 diabetes mellitus 2009 , 2009, 678-82	0.7	14
49	The Imperative for Patient-Centered Clinical Decision Support. <i>EGEMS (Washington, DC)</i> , 2018 , 6, 12	2.2	14
48	Clinical decision support in small community practice settings: a case study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18, 879-82	8.6	13
47	The cost of information technology-enabled diabetes management. <i>Disease Management: DM</i> , 2007 , 10, 115-28		13
46	A first step towards translating evidence into practice: heart failure in a community practice-based research network. <i>Journal of Innovation in Health Informatics</i> , 2004 , 12, 139-45		13
45	Multiple perspectives on the meaning of clinical decision support 2010 , 2010, 1427-31	0.7	13
44	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	3.6	12
43	An open platform for personal health record apps with platform-level privacy protection. <i>Computers in Biology and Medicine</i> , 2014 , 51, 14-23	7	11
42	Supporting patient care beyond the clinical encounter: three informatics innovations from partners health care 2003 , 1072	0.7	11
41	Creating shareable decision support services: an interdisciplinary challenge 2010 , 2010, 602-6	0.7	11
40	A legal framework to enable sharing of Clinical Decision Support knowledge and services across institutional boundaries 2011 , 2011, 925-33	0.7	11
39	A study of diverse clinical decision support rule authoring environments and requirements for integration. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 128	3.6	10

38	Improving primary care for patients with complex chronic diseases: can health information technology play a role?. <i>Cmaj</i> , 2009 , 181, 17-8	3.5	10
37	Comparison of Computer-based Clinical Decision Support Systems and Content for Diabetes Mellitus. <i>Applied Clinical Informatics</i> , 2011 , 2, 284-303	3.1	9
36	Crossing the evidence chasm: building evidence bridges from process changes to clinical outcomes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007 , 14, 329-39	8.6	9
35	Fall TIPS: strategies to promote adoption and use of a fall prevention toolkit 2009 , 2009, 153-7	0.7	9
34	Building and maintaining trust in clinical decision support: Recommendations from the Patient-Centered CDS Learning Network. <i>Learning Health Systems</i> , 2020 , 4, e10208	3	8
33	Measuring agreement between decision support reminders: the cloud vs. the local expert. <i>BMC Medical Informatics and Decision Making</i> , 2014 , 14, 31	3.6	8
32	Clinician characteristics and use of novel electronic health record functionality in primary care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18 Suppl 1, i87-90	8.6	8
31	Quality Dashboards: technical and architectural considerations of an actionable reporting tool for population management 2006 , 1052	0.7	8
30	Fall TIP: validation of icons to communicate fall risk status and tailored interventions to prevent patient falls. <i>Studies in Health Technology and Informatics</i> , 2009 , 146, 455-9	0.5	8
29	Clinical decision support to improve antibiotic prescribing for acute respiratory infections: results of a pilot study 2007 , 468-72	0.7	7
28	A set of preliminary standards recommended for achieving a national repository of clinical decision support interventions 2009 , 2009, 614-8	0.7	7
27	Using a service oriented architecture approach to clinical decision support: performance results from two CDS Consortium demonstrations 2012 , 2012, 690-8	0.7	7
26	An Approximate Nonmyopic Computation for Value of Information 1991 , 135-141		7
25	Clinical Decision-Support Systems 2021 , 795-840		7
24	Empowering patients to improve the quality of their care: design and implementation of a shared health maintenance module in a US integrated healthcare delivery network. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 1002-6	0.5	7
23	A framework and approach for assessing the value of personal health records (PHRs) 2007 , 374-8	0.7	6
22	Studying the vendor perspective on clinical decision support 2011 , 2011, 80-7	0.7	6
21	Designing an electronic medication reconciliation system 2005 , 976	0.7	4

20	President's column: AMIA's policy priorities for 2014. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 574	8.6	3
19	A cost model for personal health records (PHRs) 2008 , 657-61	0.7	3
18	The Number Needed to Remind: a Measure for Assessing CDS Effectiveness 2014 , 2014, 506-15	0.7	3
17	Summary of second annual MCBK public meeting: Mobilizing Computable Biomedical Knowledge-A movement to accelerate translation of knowledge into action. <i>Learning Health Systems</i> , 2020 , 4, e10222 ³		2
16	Physicians value patient review of their electronic health record data as a means to improve accuracy of medication list documentation 2007 , 1116	0.7	2
15	How Stakeholder Assessment of E-Prescribing Can Help Determine Incentives to Facilitate Management of Care: A Delphi Study. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2017 , 23, 1130-1139 ^{1,9}		1
14	Definition of a metadata model for a multi-layered clinical practice guideline representation framework. <i>International Journal of Functional Informatics and Personalised Medicine</i> , 2012 , 4, 47		1
13	Smart Form framework as a foundation for clinical documentation platform 2006 , 1067	0.7	1
12	Cost of interconnecting health information exchanges to form a national network 2007 , 583-7	0.7	1
11	The Value of Electronic Health Records 2005 , 39-54		1
10	Summary of fourth annual MCBK public meeting: Mobilizing computable biomedical knowledge-metadata and trust.. <i>Learning Health Systems</i> , 2022 , 6, e10301	3	1
9	Commercial Interests in Continuing Medical Education: Where Do Electronic Health Record Vendors Fit?. <i>Academic Medicine</i> , 2020 , 95, 1674-1678	3.9	0
8	Health Information Technology and Value 2017 , 99-114		
7	Putting the S in iHealth. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 192	8.6	
6	Chairman's column: health informatics and healthcare transformation--entering the post-EMR era. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 1141-2	8.6	
5	Summary of third annual MCBK public meeting: Mobilizing computable biomedical knowledge-Accelerating the second knowledge revolution. <i>Learning Health Systems</i> , 2021 , 5, e10255	3	
4	Toward scalable clinical decision support. <i>Open Medical Informatics Journal</i> , 2010 , 4, 233-4	1	
3	Governance for Clinical Decision Support 2013 , 203-227		

- 2 The future of medical computing. *Studies in Health Technology and Informatics*, **2002**, 80, 85-98 0.5
- 1 Achieving the vision of EHR--take the long view. *Frontiers of Health Services Management*, **2005**, 22, 37-42; discussion 43-5 0.6