Jos Aarts

List of Publications by Year in descending order

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47 papers	2,637 citations	361413 20 h-index	233421 45 g-index
51 all docs	51 docs citations	51 times ranked	2343 citing authors

#	Article	IF	Citations
1	Overriding of Drug Safety Alerts in Computerized Physician Order Entry. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 138-147.	4.4	901
2	Understanding Implementation: The Case of a Computerized Physician Order Entry System in a Large Dutch University Medical Center. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 207-216.	4.4	190
3	The Impact of Computerized Provider Order Entry Systems on Inpatient Clinical Workflow: A Literature Review. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 539-549.	4.4	170
4	Extending the understanding of computerized physician order entry: Implications for professional collaboration, workflow and quality of care. International Journal of Medical Informatics, 2007, 76, S4-S13.	3.3	148
5	Turning Off Frequently Overridden Drug Alerts: Limited Opportunities for Doing It Safely. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 439-448.	4.4	148
6	The dangerous decade. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 2-5.	4.4	102
7	Drug safety alert generation and overriding in a large Dutch university medical centre. Pharmacoepidemiology and Drug Safety, 2009, 18, 941-947.	1.9	99
8	Implementation Of Computerized Physician Order Entry In Seven Countries. Health Affairs, 2009, 28, 404-414.	5.2	95
9	On the alert: future priorities for alerts in clinical decision support for computerized physician order entry identified from a European workshop. BMC Medical Informatics and Decision Making, 2013, 13, 111.	3.0	81
10	Evaluating the medication process in the context of CPOE use: The significance of working around the system. International Journal of Medical Informatics, 2011, 80, 490-506.	3.3	66
11	Understanding handling of drug safety alerts: a simulation study. International Journal of Medical Informatics, 2010, 79, 361-369.	3.3	61
12	Anatomy of a failure: A sociotechnical evaluation of a laboratory physician order entry system implementation. International Journal of Medical Informatics, 2010, 79, e58-e70.	3.3	59
13	A comparative review of patient safety initiatives for national health information technology. International Journal of Medical Informatics, 2013, 82, e139-e148.	3.3	49
14	Organizational issues in health informatics: a model approach. International Journal of Medical Informatics, 1998, 52, 235-242.	3.3	47
15	Patient-centered care requires a patient-oriented workflow model. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e14-e16.	4.4	45
16	Salient and placebo vibrotactile feedback are equally effective in reducing sway in bilateral vestibular loss patients. Gait and Posture, 2010, 31, 213-217.	1.4	36
17	Using a descriptive model of change when implementing large scale clinical information systems to identify priorities for further research. International Journal of Medical Informatics, 1999, 56, 43-50.	3.3	33
18	Computerized Provider Order Entry System â€“ Does it Support the Inter-professional Medication Process?. Methods of Information in Medicine, 2010, 49, 20-27.	1.2	32

#	Article	IF	Citations
19	Information technology in health care: Socio-technical approaches. International Journal of Medical Informatics, 2010, 79, 389-390.	3.3	26
20	Time-dependent Drug-Drug Interaction Alerts in Care Provider Order Entry: Software May Inhibit Medication Error Reductions. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 864-868.	4.4	24
21	Same system, different outcomes: Comparing the transitions from two paper-based systems to the same computerized physician order entry system. International Journal of Medical Informatics, 2009, 78, 170-181.	3.3	20
22	Functionality test for drug safety alerting in computerized physician order entry systems. International Journal of Medical Informatics, 2010, 79, 243-251.	3.3	20
23	Clinical reasoning in the context of active decision support during medication prescribing. International Journal of Medical Informatics, 2017, 97, 1-11.	3.3	19
24	Human factors engineering for healthcare IT clinical applications. International Journal of Medical Informatics, 2010, 79, 223-224.	3.3	17
25	Unintended consequences of reducing QT-alert overload in a computerized physician order entry system. European Journal of Clinical Pharmacology, 2009, 65, 919-925.	1.9	16
26	Economic evaluations of big data analytics for clinical decision-making: a scoping review. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1466-1475.	4.4	15
27	A tale of two hospitals: a sociotechnical appraisal of the introduction of computerized physician order entry in two Dutch hospitals. Studies in Health Technology and Informatics, 2004, 107, 999-1002.	0.3	14
28	Towards safe electronic health records: A socio-technical perspective and the need for incident reporting. Health Policy and Technology, 2012, 1, 8-15.	2.5	13
29	Clinical observational gait analysis to evaluate improvement of balance during gait with vibrotactile biofeedback. Physiotherapy Research International, 2012, 17, 4-11.	1.5	11
30	Task analysis of information technologyâ€mediated medication management in outpatient care. British Journal of Clinical Pharmacology, 2015, 80, 415-424.	2.4	11
31	Evaluating inter-professional work support by a computerized physician order entry (CPOE) system. Studies in Health Technology and Informatics, 2008, 136, 321-6.	0.3	9
32	A sociotechnical perspective of health information technology. International Journal of Medical Informatics, 2013, 82, 1133-1135.	3.3	7
33	Towards safe information technology in health care. Information, Knowledge, Systems Management, 2011, 10, 335-344.	0.3	6
34	Application of electrodeposited piezoâ€resistive polypyrrole for a pressureâ€sensitive bruxism sensor. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1505-1509.	1.8	5
35	Effects of training physicians in electronic prescribing in the outpatient setting on clinical, learning and behavioural outcomes: a cluster randomized trial. British Journal of Clinical Pharmacology, 2018, 84, 1187-1197.	2.4	5
36	Reporting qualitative research in health informatics: REQ-HI recommendations. Studies in Health Technology and Informatics, 2011, 169, 877-81.	0.3	5

#	Article	IF	Citations
37	The potential of real-time analytics to improve care for mechanically ventilated patients in the intensive care unit: an early economic evaluation. Cost Effectiveness and Resource Allocation, 2020, 18, 57.	1.5	4
38	CPOE in Non-Surgical Versus Surgical Specialties: A Qualitative Comparison of Clinical Contexts in the Medication Process. Open Medical Informatics Journal, 2010, 4, 206-213.	1.0	4
39	CPOE, alerts and workflow: taking stock of ten years research at Erasmus MC. Studies in Health Technology and Informatics, 2009, 148, 165-9.	0.3	4
40	How can we discover the most valuable types of big data and artificial intelligence-based solutions? A methodology for the efficient development of the underlying analytics that improve care. BMC Medical Informatics and Decision Making, 2021, 21, 336.	3.0	2
41	The future of electronic prescribing. Studies in Health Technology and Informatics, 2011, 166, 13-7.	0.3	2
42	The social act of electronic medication prescribing. Studies in Health Technology and Informatics, 2013, 183, 327-31.	0.3	2
43	The Effectiveness of Health Informatics. Advances in Healthcare Information Systems and Administration Book Series, 2010, , 13-37.	0.2	1
44	From safe systems to patient safety. Studies in Health Technology and Informatics, 2010, 157, 1-3.	0.3	1
45	Computerized Order Entry: The Authors Respond. Health Affairs, 2009, 28, 1232-1232.	5.2	0
46	4â€…Which intensive care analytics are a worthwhile investment for developers? An early health technology assessment. , 2018, , .		0
47	Samantha Adams Festschrift: Coming of Ageâ€”Samantha Adams's Career at Erasmus University Rotterdam. Applied Clinical Informatics, 2018, 09, 493-495.	1.7	0