Jos Aarts

List of Publications by Year
in descending order

47 papers	2,637 citations	361296 20 h-index	233338 45 g-index
51 all docs	51 docs citations	51 times ranked	2343 citing authors

#	Article	IF	Citations
1	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.	1.5	2
2	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.	2.2	15
3	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.	0.6	4
4	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.	1.1	5
5	4â€¦Which intensive care analytics are a worthwhile investment for developers? An early health technology assessment. , 2018, , .		0
6	Samantha Adams Festschrift: Coming of Ageâ€"Samantha Adams's Career at Erasmus University Rotterdam. Applied Clinical Informatics, 2018, 09, 493-495.	0.8	0
7	Clinical reasoning in the context of active decision support during medication prescribing. International Journal of Medical Informatics, 2017, 97, 1-11.	1.6	19
8	Application of electrodeposited piezoâ€resistive polypyrrole for a pressureâ€sensitive bruxism sensor. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1505-1509.	0.8	5
9	Task analysis of information technologyâ€mediated medication management in outpatient care. British Journal of Clinical Pharmacology, 2015, 80, 415-424.	1.1	11
10	A comparative review of patient safety initiatives for national health information technology. International Journal of Medical Informatics, 2013, 82, e139-e148.	1.6	49
11	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.	1.5	81
12	A sociotechnical perspective of health information technology. International Journal of Medical Informatics, 2013, 82, 1133-1135.	1.6	7
13	Patient-centered care requires a patient-oriented workflow model. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e14-e16.	2.2	45
14	The social act of electronic medication prescribing. Studies in Health Technology and Informatics, 2013, 183, 327-31.	0.2	2
15	The dangerous decade. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 2-5.	2.2	102
16	Towards safe electronic health records: A socio-technical perspective and the need for incident reporting. Health Policy and Technology, 2012, 1, 8-15.	1.3	13
17	Clinical observational gait analysis to evaluate improvement of balance during gait with vibrotactile biofeedback. Physiotherapy Research International, 2012, 17, 4-11.	0.7	11
18	Towards safe information technology in health care. Information, Knowledge, Systems Management, 2011, 10, 335-344.	0.4	6

#	ARTICLE	IF	CITATIONS
19	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.	1.6	66
20	The future of electronic prescribing. Studies in Health Technology and Informatics, 2011, 166, 13-7.	0.2	2
21	Reporting qualitative research in health informatics: REQ-HI recommendations. Studies in Health Technology and Informatics, 2011, 169, 877-81.	0.2	5
22	Anatomy of a failure: A sociotechnical evaluation of a laboratory physician order entry system implementation. International Journal of Medical Informatics, 2010, 79, e58-e70.	1.6	59
23	Functionality test for drug safety alerting in computerized physician order entry systems. International Journal of Medical Informatics, 2010, 79, 243-251.	1.6	20
24	Understanding handling of drug safety alerts: a simulation study. International Journal of Medical Informatics, 2010, 79, 361-369.	1.6	61
25	Human factors engineering for healthcare IT clinical applications. International Journal of Medical Informatics, 2010, 79, 223-224.	1.6	17
26	Information technology in health care: Socio-technical approaches. International Journal of Medical Informatics, 2010, 79, 389-390.	1.6	26
27	Computerized Provider Order Entry System – Does it Support the Inter-professional Medication Process?. Methods of Information in Medicine, 2010, 49, 20-27.	0.7	32
28	Salient and placebo vibrotactile feedback are equally effective in reducing sway in bilateral vestibular loss patients. Gait and Posture, 2010, 31, 213-217.	0.6	36
29	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
30	The Effectiveness of Health Informatics. Advances in Healthcare Information Systems and Administration Book Series, 2010, , 13-37.	0.2	1
31	From safe systems to patient safety. Studies in Health Technology and Informatics, 2010, 157, 1-3.	0.2	1
32	Computerized Order Entry: The Authors Respond. Health Affairs, 2009, 28, 1232-1232.	2.5	0
33	Implementation Of Computerized Physician Order Entry In Seven Countries. Health Affairs, 2009, 28, 404-414.	2.5	95
34	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.	1.6	20
35	Unintended consequences of reducing QT-alert overload in a computerized physician order entry system. European Journal of Clinical Pharmacology, 2009, 65, 919-925.	0.8	16
36	Drug safety alert generation and overriding in a large Dutch university medical centre. Pharmacoepidemiology and Drug Safety, 2009, 18, 941-947.	0.9	99

#	ARTICLE	IF	CITATIONS
37	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.	2.2	170
38	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.	2.2	24
39	CPOE, alerts and workflow: taking stock of ten years research at Erasmus MC. Studies in Health Technology and Informatics, 2009, 148, 165-9.	0.2	4
40	Turning Off Frequently Overridden Drug Alerts: Limited Opportunities for Doing It Safely. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 439-448.	2.2	148
41	Evaluating inter-professional work support by a computerized physician order entry (CPOE) system. Studies in Health Technology and Informatics, 2008, 136, 321-6.	0.2	9
42	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.	1.6	148
43	Overriding of Drug Safety Alerts in Computerized Physician Order Entry. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 138-147.	2.2	901
44	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.	2.2	190
45	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.	0.2	14
46	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.	1.6	33
47	Organizational issues in health informatics: a model approach. International Journal of Medical Informatics, 1998, 52, 235-242.	1.6	47