

# Niels Peek

## List of Publications by Year in descending order

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Version: 2024-02-01

191  
papers

5,349  
citations

76326

40  
h-index

123424

61  
g-index

203  
all docs

203  
docs citations

203  
times ranked

8064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a city wide digital population database for outcome analysis in diabetes: SARS-CoV-2, diabetes and hospital admission rate month by month in Greater Manchester, UK. <i>Cardiovascular Endocrinology and Metabolism</i> , 2022, 11, e0257.	1.1	1
2	A 12-week cardiac telerehabilitation programme does not prevent relapse of physical activity levels: long-term results of the FIT@Home trial. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e255-e257.	1.8	8
3	SARS-CoV-2, diabetes and mortality: month by month variation in mortality rate from June 2020 to June 2021. <i>Cardiovascular Endocrinology and Metabolism</i> , 2022, 11, e0258.	1.1	1
4	Findability of UK health datasets available for research: a mixed methods study. <i>BMJ Health and Care Informatics</i> , 2022, 29, e100325.	3.0	1
5	Systematic review and narrative synthesis of computerized audit and feedback systems in healthcare. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1106-1119.	4.4	7
6	The Risk Factors Potentially Influencing Hospital Admission in People with Diabetes, Following SARS-CoV-2 Infection: A Population-Level Analysis. <i>Diabetes Therapy</i> , 2022, 13, 1007.	2.5	10
7	Mortality in People with Type 2 Diabetes Following SARS-CoV-2 Infection: A Population Level Analysis of Potential Risk Factors. <i>Diabetes Therapy</i> , 2022, 13, 1037-1051.	2.5	16
8	Does coprescribing nonsteroidal anti-inflammatory drugs and oral anticoagulants increase the risk of major bleeding, stroke and systemic embolism?. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4789-4811.	2.4	8
9	Understanding How the Design and Implementation of Online Consultations Affect Primary Care Quality: Systematic Review of Evidence With Recommendations for Designers, Providers, and Researchers. <i>Journal of Medical Internet Research</i> , 2022, 24, e37436.	4.3	12
10	Can Researchers Assess the Suitability of Datasets to Answer Their Research Questions, with Access to Metadata Only?. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	0
11	Patient Safety Informatics: Meeting the Challenges of Emerging Digital Health. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	1
12	Informative presence and observation in routine health data: A review of methodology for clinical risk prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 155-166.	4.4	20
13	Mixed methods evaluation of a computerised audit and feedback dashboard to improve patient safety through targeting acute kidney injury (AKI) in primary care. <i>International Journal of Medical Informatics</i> , 2021, 145, 104299.	3.3	5
14	Adaptive Symptom Monitoring Using Hidden Markov Models – An Application in Ecological Momentary Assessment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1770-1780.	6.3	8
15	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. <i>Diagnostic and Prognostic Research</i> , 2021, 5, 1.	1.8	54
16	A scoping review of causal methods enabling predictions under hypothetical interventions. <i>Diagnostic and Prognostic Research</i> , 2021, 5, 3.	1.8	24
17	Assessing the severity of cardiovascular disease in 213 088 patients with coronary heart disease: a retrospective cohort study. <i>Open Heart</i> , 2021, 8, e001498.	2.3	0
18	OptiMissP: A dashboard to assess missingness in proteomic data-independent acquisition mass spectrometry. <i>PLoS ONE</i> , 2021, 16, e0249771.	2.5	8

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19	Sample sizes of prediction model studies in prostate cancer were rarely justified and often insufficient. <i>Journal of Clinical Epidemiology</i> , 2021, 133, 53-60.	5.0	9
20	Extracting Drug Names and Associated Attributes From Discharge Summaries: Text Mining Study. <i>JMIR Medical Informatics</i> , 2021, 9, e24678.	2.6	7
21	EPICURE: Ensemble Pretrained Models for Extracting Cancer Mutations from Literature. , 2021, , .		5
22	Trading off accuracy and explainability in AI decision-making: findings from 2 citizensâ€™ juries. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2128-2138.	4.4	26
23	Missing data was handled inconsistently in UK prediction models: a review of method used. <i>Journal of Clinical Epidemiology</i> , 2021, 140, 149-158.	5.0	21
24	Attention-based bidirectional long short-term memory networks for extracting temporal relationships from clinical discharge summaries. <i>Journal of Biomedical Informatics</i> , 2021, 123, 103915.	4.3	8
25	Ranking sets of morbidities using hypergraph centrality. <i>Journal of Biomedical Informatics</i> , 2021, 122, 103916.	4.3	5
26	Seven pillars of precision digital health and medicine. <i>Artificial Intelligence in Medicine</i> , 2020, 103, 101793.	6.5	31
27	Diagnosis of physical and mental health conditions in primary care during the COVID-19 pandemic: a retrospective cohort study. <i>Lancet Public Health</i> , The, 2020, 5, e543-e550.	10.0	159
28	Evaluation of a pharmacist-led actionable audit and feedback intervention for improving medication safety in UK primary care: An interrupted time series analysis. <i>PLoS Medicine</i> , 2020, 17, e1003286.	8.4	13
29	Extraction of temporal relations from clinical free text: A systematic review of current approaches. <i>Journal of Biomedical Informatics</i> , 2020, 108, 103488.	4.3	26
30	Toward a framework for the design, implementation, and reporting of methodology scoping reviews. <i>Journal of Clinical Epidemiology</i> , 2020, 127, 191-197.	5.0	16
31	Does not compute: challenges and solutions in managing computable biomedical knowledge. <i>BMJ Health and Care Informatics</i> , 2020, 27, e100123.	3.0	3
32	The PROFID project. <i>European Heart Journal</i> , 2020, 41, 3781-3782.	2.2	51
33	Development and validation of the Diabetes Severity SCOrE (DISSCO) in 139 626 individuals with type 2 diabetes: a retrospective cohort study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000962.	2.8	8
34	A systematic review of machine learning models for predicting outcomes of stroke with structured data. <i>PLoS ONE</i> , 2020, 15, e0234722.	2.5	102
35	Missing data should be handled differently for prediction than for description or causal explanation. <i>Journal of Clinical Epidemiology</i> , 2020, 125, 183-187.	5.0	54
36	Digital health and care in pandemic times: impact of COVID-19. <i>BMJ Health and Care Informatics</i> , 2020, 27, e100166.	3.0	140

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37	Understanding the utilisation of a novel interactive electronic medication safety dashboard in general practice: a mixed methods study. BMC Medical Informatics and Decision Making, 2020, 20, 69.	3.0	11
38	Progress in Characterizing the Human Exposome: a Key Step for Precision Medicine. Yearbook of Medical Informatics, 2020, 29, 115-120.	1.0	9
39	Prediction models for diagnosis and prognosis in Covid-19. BMJ, The, 2020, 369, m1464.	6.0	63
40	Title is missing!. , 2020, 17, e1003286.		0
41	Title is missing!. , 2020, 17, e1003286.		0
42	Title is missing!. , 2020, 17, e1003286.		0
43	Title is missing!. , 2020, 17, e1003286.		0
44	Title is missing!. , 2020, 17, e1003286.		0
45	How unmeasured confounding in a competing risks setting can affect treatment effect estimates in observational studies. BMC Medical Research Methodology, 2019, 19, 166.	3.1	14
46	Modelling the interactive behaviour of users with a medication safety dashboard in a primary care setting. International Journal of Medical Informatics, 2019, 129, 395-403.	3.3	8
47	Evidencing How Experience and Problem Format Affect Probabilistic Reasoning Through Interaction Analysis. Frontiers in Psychology, 2019, 10, 1548.	2.1	6
48	The comorbidity burden of type 2 diabetes mellitus: patterns, clusters and predictions from a large English primary care cohort. BMC Medicine, 2019, 17, 145.	5.5	151
49	Impact of audit and feedback with action implementation toolbox on improving ICU pain management: cluster-randomised controlled trial. BMJ Quality and Safety, 2019, 28, bmjqs-2019-009588.	3.7	20
50	Explicit causal reasoning is needed to prevent prognostic models being victims of their own success. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1675-1676.	4.4	17
51	Facilitating action planning within audit and feedback interventions: a mixed-methods process evaluation of an action implementation toolbox in intensive care. Implementation Science, 2019, 14, 90.	6.9	14
52	Clinical trial data reuse “overcoming complexities in trial design and data sharing. Trials, 2019, 20, 513.	1.6	12
53	Design and Implementation of a Convolutional Neural Network on an Edge Computing Smartphone for Human Activity Recognition. IEEE Access, 2019, 7, 133509-133520.	4.2	59
54	Practice Variations in Exercise Training Programs in Dutch Cardiac Rehabilitation Centers: Prospective, Observational Study. Physical Therapy, 2019, 99, 266-275.	2.4	7

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55	The Minimum Sampling Rate and Sampling Duration When Applying Geolocation Data Technology to Human Activity Monitoring. Lecture Notes in Computer Science, 2019, , 233-238.	1.3	2
56	Clinical performance comparators in audit and feedback: a review of theory and evidence. Implementation Science, 2019, 14, 39.	6.9	66
57	Clinical Performance Feedback Intervention Theory (CP-FIT): a new theory for designing, implementing, and evaluating feedback in health care based on a systematic review and meta-synthesis of qualitative research. Implementation Science, 2019, 14, 40.	6.9	164
58	Digital biomarkers from geolocation data in bipolar disorder and schizophrenia: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1412-1420.	4.4	45
59	Potential prognostic factors for delayed healing of common, non-traumatic skin ulcers: A scoping review. International Wound Journal, 2019, 16, 800-812.	2.9	20
60	Term sets: A transparent and reproducible representation of clinical code sets. PLoS ONE, 2019, 14, e0212291.	2.5	10
61	Downsampling wearable sensor data packets by measuring their information value. , 2019, , .		0
62	How different visualizations affect human reasoning about uncertainty: An analysis of visual behaviour. Computers in Human Behavior, 2019, 92, 55-64.	8.5	10
63	Control Theory to Design and Evaluate Audit and Feedback Interventions. Studies in Health Technology and Informatics, 2019, 263, 159-170.	0.3	4
64	Three controversies in health data science. International Journal of Data Science and Analytics, 2018, 6, 261-269.	4.1	18
65	A multiple-model generalisation of updating clinical prediction models. Statistics in Medicine, 2018, 37, 1343-1358.	1.6	12
66	The influence of patient portals on users' decision making is insufficiently investigated: A systematic methodological review. International Journal of Medical Informatics, 2018, 111, 100-111.	3.3	28
67	Health professionals' perceptions about their clinical performance and the influence of audit and feedback on their intentions to improve practice: a theory-based study in Dutch intensive care units. Implementation Science, 2018, 13, 33.	6.9	33
68	Guidelines on constructing funnel plots for quality indicators: A case study on mortality in intensive care unit patients. Statistical Methods in Medical Research, 2018, 27, 3350-3366.	1.5	30
69	How do people use information presentation to make decisions in Bayesian reasoning tasks?. International Journal of Human Computer Studies, 2018, 111, 62-77.	5.6	18
70	SMASH! The Salford medication safety dashboard. BMJ Health and Care Informatics, 2018, 25, 183-193.	3.0	19
71	Dynamic models to predict health outcomes: current status and methodological challenges. Diagnostic and Prognostic Research, 2018, 2, 23.	1.8	61
72	Developing a learning health system: Insights from a qualitative process evaluation of a pharmacist-led electronic audit and feedback intervention to improve medication safety in primary care. PLoS ONE, 2018, 13, e0205419.	2.5	32

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73	Using electronic health records to quantify and stratify the severity of type 2 diabetes in primary care in England: rationale and cohort study design. <i>BMJ Open</i> , 2018, 8, e020926.	1.9	14
74	An investigation of the effects of n-gram length in scanpath analysis for eye-tracking research. , 2018, , .		10
75	Acute kidney injury in the UK: a replication cohort study of the variation across three regional populations. <i>BMJ Open</i> , 2018, 8, e019435.	1.9	25
76	Presentation of laboratory test results in patient portals: influence of interface design on risk interpretation and visual search behaviour. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 11.	3.0	35
77	Inferring Visual Behaviour from User Interaction Data on a Medical Dashboard. , 2018, , .		3
78	Using marginal structural models to adjust for treatment dropâ€in when developing clinical prediction models. <i>Statistics in Medicine</i> , 2018, 37, 4142-4154.	1.6	34
79	The association between outcome-based quality indicators for intensive care units. <i>PLoS ONE</i> , 2018, 13, e0198522.	2.5	8
80	Investigating the Extent to Which Patients Should Control Access to Patient Records for Research: A Deliberative Process Using Citizensâ€™ Juries. <i>Journal of Medical Internet Research</i> , 2018, 20, e112.	4.3	41
81	Process Mining in Primary Care: A Literature Review. <i>Studies in Health Technology and Informatics</i> , 2018, 247, 376-380.	0.3	8
82	Clinical and cost-effectiveness of home-based cardiac rehabilitation compared to conventional, centre-based cardiac rehabilitation: Results of the FIT@Home study. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1260-1273.	1.8	180
83	Which Models Can I Use to Predict Adult ICU Length of Stay? A Systematic Review*. <i>Critical Care Medicine</i> , 2017, 45, e222-e231.	0.9	64
84	How does audit and feedback influence intentions of health professionals to improve practice? A laboratory experiment and field study in cardiac rehabilitation. <i>BMJ Quality and Safety</i> , 2017, 26, 279-287.	3.7	38
85	The influence of training characteristics on the effect of exercise training in patients with coronary artery disease: Systematic review and meta-regression analysis. <i>International Journal of Cardiology</i> , 2017, 245, 52-58.	1.7	26
86	Comment on: â€œThe influence of training characteristics on the effect of exercise training in patients with coronary artery disease: Systematic review and meta-regression analysisâ€ International Journal of Cardiology, 2017, 249, 82.	1.7	0
87	Clinical prediction in defined populations: a simulation study investigating when and how to aggregate existing models. <i>BMC Medical Research Methodology</i> , 2017, 17, 1.	3.1	130
88	A systematic review of electronic audit and feedback: intervention effectiveness and use of behaviour change theory. <i>Implementation Science</i> , 2017, 12, 61.	6.9	100
89	Electronic audit and feedback intervention with action implementation toolbox to improve pain management in intensive care: protocol for a laboratory experiment and cluster randomised trial. <i>Implementation Science</i> , 2017, 12, 68.	6.9	22
90	What is needed to implement a web-based audit and feedback intervention with outreach visits to improve care quality: A concept mapping study among cardiac rehabilitation teams. <i>International Journal of Medical Informatics</i> , 2017, 97, 76-85.	3.3	10

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91	Informatics for Health 2017: Advancing both science and practice. Journal of Innovation in Health Informatics, 2017, 24, 1.	0.9	6
92	Addendum to Informatics for Health 2017: Advancing both science and practice. Journal of Innovation in Health Informatics, 2017, 24, 291.	0.9	2
93	An exploration of mortality risk factors in non-severe pneumonia in children using clinical data from Kenya. BMC Medicine, 2017, 15, 201.	5.5	17
94	Clinical code set engineering for reusing EHR data for research: A review. Journal of Biomedical Informatics, 2017, 70, 1-13.	4.3	39
95	Effect of a web-based audit and feedback intervention with outreach visits on the clinical performance of multidisciplinary teams: a cluster-randomized trial in cardiac rehabilitation. Implementation Science, 2016, 11, 160.	6.9	18
96	An external validation of models to predict the onset of chronic kidney disease using population-based electronic health records from Salford, UK. BMC Medicine, 2016, 14, 104.	5.5	24
97	Energy expenditure estimation in beta-blocker-medicated cardiac patients by combining heart rate and body movement data. European Journal of Preventive Cardiology, 2016, 23, 1734-1742.	1.8	15
98	Patient-Reported Outcomes in Cardiac Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2016, 36, 230-239.	2.1	10
99	Out-of-Home Activity Recognition from GPS Data in Schizophrenic Patients. , 2016, , .		19
100	Individual and Clustered Rankability of ICUs According to Case-Mix "Adjusted Mortality". Critical Care Medicine, 2016, 44, 901-909.	0.9	8
101	Predicting mortality from change-over-time in the Charlson Comorbidity Index. Medicine (United Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	62
102	The influence of training characteristics on the effect of aerobic exercise training in patients with chronic heart failure: A meta-regression analysis. International Journal of Cardiology, 2016, 208, 120-127.	1.7	59
103	Optimizing the user interface of a data entry module for an electronic patient record for cardiac rehabilitation: A mixed method usability approach. International Journal of Medical Informatics, 2016, 87, 15-26.	3.3	23
104	Making Medication Data Meaningful: Illustrated with Hypertension. Studies in Health Technology and Informatics, 2016, 228, 247-51.	0.3	2
105	Optimizing Digital Health Informatics Interventions Through Unobtrusive Quantitative Process Evaluations. Studies in Health Technology and Informatics, 2016, 228, 594-8.	0.3	11
106	A multifaceted feedback strategy alone does not improve the adherence to organizational guideline-based standards: a cluster randomized trial in intensive care. Implementation Science, 2015, 10, 95.	6.9	6
107	Setting Priorities for Optimizing Vascular Access Decision Making " An International Survey of Patients and Clinicians. PLoS ONE, 2015, 10, e0128228.	2.5	32
108	An exploration of beliefs and attitudes regarding healthy lifestyle behaviour in an urban population in The Netherlands: Results from a focus group study in a community-based prevention project. European Journal of Public Health, 2015, 25, 467-471.	0.3	9

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109	Cardiac rehabilitation and survival in a large representative community cohort of Dutch patients. <i>European Heart Journal</i> , 2015, 36, 1519-1528.	2.2	110
110	Development of evidence-based clinical algorithms for prescription of exercise-based cardiac rehabilitation. <i>Netherlands Heart Journal</i> , 2015, 23, 563-575.	0.8	19
111	Prevalence and Impact of Co-morbidity Burden as Defined by the Charlson Co-morbidity Index on 30-Day and 1- and 5-Year Outcomes After Coronary Stent Implantation (from the Nobori-2 Study). <i>American Journal of Cardiology</i> , 2015, 116, 364-371.	1.6	49
112	Artificial Intelligence in Medicine AIME 2013. <i>Artificial Intelligence in Medicine</i> , 2015, 65, 1-3.	6.5	1
113	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes. <i>Artificial Intelligence in Medicine</i> , 2015, 65, 61-73.	6.5	84
114	An eHealth Application in Head and Neck Cancer Survivorship Care: Health Care Professionals' Perspectives. <i>Journal of Medical Internet Research</i> , 2015, 17, e235.	4.3	52
115	Improving guideline concordance in multidisciplinary teams: preliminary results of a cluster-randomized trial evaluating the effect of a web-based audit and feedback intervention with outreach visits. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 2101-10.	0.2	2
116	How to use concept mapping to identify barriers and facilitators of an electronic quality improvement intervention. <i>Studies in Health Technology and Informatics</i> , 2015, 210, 110-4.	0.3	2
117	The Case for Conceptual and Computable Cross-Fertilization Between Audit and Feedback and Clinical Decision Support. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 419-23.	0.3	7
118	Inside the Black Box of Audit and Feedback: a Laboratory Study to Explore Determinants of Improvement Target Selection by Healthcare Professionals in Cardiac Rehabilitation. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 424-8.	0.3	6
119	A Two-stage Dynamic Model to Enable Updating of Clinical Risk Prediction from Longitudinal Health Record Data: Illustrated with Kidney Function. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 696-700.	0.3	3
120	An online survey to study the relationship between patients' health literacy and coping style and their preferences for self-management-related information. <i>Patient Preference and Adherence</i> , 2014, 8, 631.	1.8	7
121	Evaluating the effect of a web-based quality improvement system with feedback and outreach visits on guideline concordance in the field of cardiac rehabilitation: rationale and study protocol. <i>Implementation Science</i> , 2014, 9, 780.	6.9	16
122	Effects of home-based training with telemonitoring guidance in low to moderate risk patients entering cardiac rehabilitation: short-term results of the FIT@Home study. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 26-31.	1.8	88
123	Consequences of caring for a child with a chronic disease. <i>Journal of Child Health Care</i> , 2014, 18, 346-357.	1.4	48
124	Clinical prognostic methods: Trends and developments. <i>Journal of Biomedical Informatics</i> , 2014, 48, 1-4.	4.3	6
125	Trends in admission prevalence, illness severity and survival of haematological patients treated in Dutch intensive care units. <i>Intensive Care Medicine</i> , 2014, 40, 1275-1284.	8.2	75
126	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e81-e82.	0.9	0



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127	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e254-e255.	0.9	0
128	Comparison of Regression Methods for Modeling Intensive Care Length of Stay. <i>PLoS ONE</i> , 2014, 9, e109684.	2.5	79
129	Evaluating a Web-Based Health Risk Assessment With Tailored Feedback: What Does an Expert Focus Group Yield Compared to a Web-Based End-User Survey?. <i>Journal of Medical Internet Research</i> , 2014, 16, e1.	4.3	22
130	Diabetes Patients' Experiences With the Implementation of Insulin Therapy and Their Perceptions of Computer-Assisted Self-Management Systems for Insulin Therapy. <i>Journal of Medical Internet Research</i> , 2014, 16, e235.	4.3	17
131	Determinants of eligibility and use of ehealth for cardiac rehabilitation patients: preliminary results. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 818-22.	0.3	9
132	Safety and usability evaluation of a web-based insulin self-titration system for patients with type 2 diabetes mellitus. <i>Artificial Intelligence in Medicine</i> , 2013, 59, 23-31.	6.5	24
133	Effects and costs of home-based training with telemonitoring guidance in low to moderate risk patients entering cardiac rehabilitation: The FIT@Home study. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 82.	1.7	36
134	Exercise training programs in Dutch cardiac rehabilitation centres. <i>Netherlands Heart Journal</i> , 2013, 21, 138-143.	0.8	30
135	A qualitative participatory study to identify experiences of coronary heart disease patients to support the development of online self-management services. <i>International Journal of Medical Informatics</i> , 2013, 82, 1183-1194.	3.3	28
136	Effect of a Multifaceted Performance Feedback Strategy on Length of Stay Compared With Benchmark Reports Alone. <i>Critical Care Medicine</i> , 2013, 41, 1893-1904.	0.9	24
137	Body Mass Index Is Associated With Hospital Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , 2013, 41, 1878-1883.	0.9	165
138	Cardiac rehabilitation uptake and its determinants in the Netherlands. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 349-356.	1.8	61
139	Do Intensive Care Data on Respiratory Infections Reflect Influenza Epidemics?. <i>PLoS ONE</i> , 2013, 8, e83854.	2.5	6
140	Determinants of Participation in a Web-Based Health Risk Assessment and Consequences for Health Promotion Programs. <i>Journal of Medical Internet Research</i> , 2013, 15, e151.	4.3	17
141	A modified real AdaBoost algorithm to discover intensive care unit subgroups with a poor outcome. <i>AMIA ... Annual Symposium proceedings</i> , 2013, 2013, 798-803.	0.2	0
142	Handling intra-cluster correlation when analyzing the effects of decision support on health care process measures. <i>Studies in Health Technology and Informatics</i> , 2013, 186, 22-7.	0.3	1
143	A web-based system to facilitate local, systematic quality improvement by multidisciplinary care teams: development and first experiences of CARDSS Online. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 248-52.	0.3	7
144	Changes in the cardiac rehabilitation workflow process needed for the implementation of a self-management system. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 1140.	0.3	4

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145	Revision of the Dutch clinical algorithm for assessing patient needs in cardiac rehabilitation based on identified implementation problems. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 504-514.	1.8	11
146	Impact of a Web-Based Worksite Health Promotion Program on Absenteeism. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 404-408.	1.7	17
147	Performance of risk-adjusted control charts to monitor in-hospital mortality of intensive care unit patients. <i>Critical Care Medicine</i> , 2012, 40, 1799-1807.	0.9	16
148	Effectiveness of a web-based health risk assessment with individually-tailored feedback on lifestyle behaviour: study protocol. <i>BMC Public Health</i> , 2012, 12, 200.	2.9	8
149	Control Charts in Healthcare Quality Improvement. <i>Methods of Information in Medicine</i> , 2012, 51, 189-198.	1.2	42
150	Evaluation of End-User Satisfaction Among Employees Participating in a Web-based Health Risk Assessment With Tailored Feedback. <i>Journal of Medical Internet Research</i> , 2012, 14, e140.	4.3	7
151	Usability evaluation of a guideline implementation system for cardiac rehabilitation: think aloud study. <i>Studies in Health Technology and Informatics</i> , 2012, 180, 403-7.	0.3	3
152	Identifying types and causes of errors in mortality data in a clinical registry using multiple information systems. <i>Studies in Health Technology and Informatics</i> , 2012, 180, 771-5.	0.3	6
153	Formative usability evaluation of a web-based insulin self-titration system: preliminary results. <i>Studies in Health Technology and Informatics</i> , 2012, 180, 1209-11.	0.3	4
154	Guideline-Based Decision Support Systems for Prevention and Management of Chronic Diseases. , 2011, , .		2
155	The role of standardized data and terminological systems in computerized clinical decision support systems: Literature review and survey. <i>International Journal of Medical Informatics</i> , 2011, 80, 81-93.	3.3	79
156	Improving guideline adherence for cardiac rehabilitation in the Netherlands. <i>Netherlands Heart Journal</i> , 2011, 19, 285-289.	0.8	17
157	Initiation of health-behaviour change among employees participating in a web-based health risk assessment with tailored feedback. <i>Journal of Occupational Medicine and Toxicology</i> , 2011, 6, 5.	2.2	29
158	Evaluating the effectiveness of a tailored multifaceted performance feedback intervention to improve the quality of care: protocol for a cluster randomized trial in intensive care. <i>Implementation Science</i> , 2011, 6, 119.	6.9	18
159	CARDSS: Development and Evaluation of a Guideline Based Decision Support System for Cardiac Rehabilitation. <i>Lecture Notes in Computer Science</i> , 2011, , 109-118.	1.3	2
160	Modified Rand method to derive quality indicators: a case study in cardiac rehabilitation. <i>Studies in Health Technology and Informatics</i> , 2011, 169, 88-92.	0.3	10
161	The effect of computerized decision support on barriers to guideline implementation: A qualitative study in outpatient cardiac rehabilitation. <i>International Journal of Medical Informatics</i> , 2010, 79, 430-437.	3.3	62
162	Effect of predefined order sets and usability problems on efficiency of computerized medication ordering. <i>International Journal of Medical Informatics</i> , 2010, 79, 690-698.	3.3	55

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163	Using hierarchical dynamic Bayesian networks to investigate dynamics of organ failure in patients in the Intensive Care Unit. <i>Journal of Biomedical Informatics</i> , 2010, 43, 273-286.	4.3	49
164	Learning predictive models that use pattern discovery – A bootstrap evaluative approach applied in organ functioning sequences. <i>Journal of Biomedical Informatics</i> , 2010, 43, 578-586.	4.3	16
165	Fibrotic idiopathic interstitial pneumonias: Mortality is linked to a decline in gas transfer. <i>Respirology</i> , 2010, 15, 1233-1243.	2.3	20
166	Course and Predictors of Posttraumatic Stress Disorder in Parents after Pediatric Intensive Care Treatment of their Child. <i>Journal of Pediatric Psychology</i> , 2010, 35, 966-974.	2.1	107
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