Niels Peek

List of Publications by Year
in descending order

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Version: 2024-02-01

191	5,349	76326	123424
papers	citations	40 h-index	61 g-index

203	203	203	8064
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical and cost-effectiveness of home-based cardiac rehabilitation compared to conventional, centre-based cardiac rehabilitation: Results of the FIT@Home study. European Journal of Preventive Cardiology, 2017, 24, 1260-1273.	1.8	180
2	Body Mass Index Is Associated With Hospital Mortality in Critically Ill Patients. Critical Care Medicine, 2013, 41, 1878-1883.	0.9	165
3	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
4	Diagnosis of physical and mental health conditions in primary care during the COVID-19 pandemic: a retrospective cohort study. Lancet Public Health, The, 2020, 5, e543-e550.	10.0	159
5	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
6	Digital health and care in pandemic times: impact of COVID-19. BMJ Health and Care Informatics, 2020, 27, e100166.	3.0	140
7	Clinical prediction in defined populations: a simulation study investigating when and how to aggregate existing models. BMC Medical Research Methodology, 2017, 17, 1.	3.1	130
8	Cardiac rehabilitation and survival in a large representative community cohort of Dutch patients. European Heart Journal, 2015, 36, 1519-1528.	2.2	110
9	Course and Predictors of Posttraumatic Stress Disorder in Parents after Pediatric Intensive Care Treatment of their Child. Journal of Pediatric Psychology, 2010, 35, 966-974.	2.1	107
10	A systematic review of machine learning models for predicting outcomes of stroke with structured data. PLoS ONE, 2020, 15, e0234722.	2.5	102
11	A systematic review of electronic audit and feedback: intervention effectiveness and use of behaviour change theory. Implementation Science, 2017, 12, 61.	6.9	100
12	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. European Journal of Preventive Cardiology, 2014, 21, 26-31.	1.8	88
13	The impact of different prognostic models and their customization on institutional comparison of intensive care units*. Critical Care Medicine, 2007, 35, 2553-2560.	0.9	87
14	The influence of volume and intensive care unit organization on hospital mortality in patients admitted with severe sepsis: a retrospective multicentre cohort study. Critical Care, 2007, 11, R40.	5.8	86
15	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes. Artificial Intelligence in Medicine, 2015, 65, 61-73.	6.5	84
16	Teledermatologic Consultation and Reduction in Referrals to Dermatologists. Archives of Dermatology, 2009, 145, 558-64.	1.4	81
17	The role of standardized data and terminological systems in computerized clinical decision support systems: Literature review and survey. International Journal of Medical Informatics, 2011, 80, 81-93.	3.3	79
18	Comparison of Regression Methods for Modeling Intensive Care Length of Stay. PLoS ONE, 2014, 9, e109684.	2.5	79

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19	Trends in admission prevalence, illness severity and survival of haematological patients treated in Dutch intensive care units. Intensive Care Medicine, 2014, 40, 1275-1284.	8.2	75
20	External validation of prognostic models for critically ill patients required substantial sample sizes. Journal of Clinical Epidemiology, 2007, 60, 491.e1-491.e13.	5.0	70
21	Effect of guideline based computerised decision support on decision making of multidisciplinary teams: cluster randomised trial in cardiac rehabilitation. BMJ: British Medical Journal, 2009, 338, b1440-b1440.	2.3	66
22	Clinical performance comparators in audit and feedback: a review of theory and evidence. Implementation Science, 2019, 14, 39.	6.9	66
23	Which Models Can I Use to Predict Adult ICU Length of Stay? A Systematic Review*. Critical Care Medicine, 2017, 45, e222-e231.	0.9	64
24	Prediction models for diagnosis and prognosis in Covid-19. BMJ, The, 2020, 369, m1464.	6.0	63
25	The effect of computerized decision support on barriers to guideline implementation: A qualitative study in outpatient cardiac rehabilitation. International Journal of Medical Informatics, 2010, 79, 430-437.	3.3	62
26	Predicting mortality from change-over-time in the Charlson Comorbidity Index. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.0	62
27	Cardiac rehabilitation uptake and its determinants in the Netherlands. European Journal of Preventive Cardiology, 2013, 20, 349-356.	1.8	61
28	Dynamic models to predict health outcomes: current status and methodological challenges. Diagnostic and Prognostic Research, 2018, 2, 23.	1.8	61
29	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
30	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
31	Prognostic Bayesian networks. Journal of Biomedical Informatics, 2007, 40, 609-618.	4.3	55
32	Effect of predefined order sets and usability problems on efficiency of computerized medication ordering. International Journal of Medical Informatics, 2010, 79, 690-698.	3.3	55
33	Missing data should be handled differently for prediction than for description or causal explanation. Journal of Clinical Epidemiology, 2020, 125, 183-187.	5.0	54
34	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. Diagnostic and Prognostic Research, 2021, 5, 1.	1.8	54
35	An eHealth Application in Head and Neck Cancer Survivorship Care: Health Care Professionals' Perspectives. Journal of Medical Internet Research, 2015, 17, e235.	4.3	52
36	The PROFID project. European Heart Journal, 2020, 41, 3781-3782.	2.2	51

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37	Using hierarchical dynamic Bayesian networks to investigate dynamics of organ failure in patients in the Intensive Care Unit. Journal of Biomedical Informatics, 2010, 43, 273-286.	4.3	49
38	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). American Journal of Cardiology, 2015, 116, 364-371.	1.6	49
39	Consequences of caring for a child with a chronic disease. Journal of Child Health Care, 2014, 18, 346-357.	1.4	48
40	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
41	Control Charts in Healthcare Quality Improvement. Methods of Information in Medicine, 2012, 51, 189-198.	1.2	42
42	Investigating the Extent to Which Patients Should Control Access to Patient Records for Research: A Deliberative Process Using Citizensâ€™ Juries. Journal of Medical Internet Research, 2018, 20, e112.	4.3	41
43	Development of a guideline-based decision support system with explanation facilities for outpatient therapy. Computer Methods and Programs in Biomedicine, 2008, 91, 145-153.	4.7	39
44	Clinical code set engineering for reusing EHR data for research: A review. Journal of Biomedical Informatics, 2017, 70, 1-13.	4.3	39
45	Temporal abstraction for feature extraction: A comparative case study in prediction from intensive care monitoring data. Artificial Intelligence in Medicine, 2007, 41, 1-12.	6.5	38
46	How does audit and feedback influence intentions of health professionals to improve practice? A laboratory experiment and field study in cardiac rehabilitation. BMJ Quality and Safety, 2017, 26, 279-287.	3.7	38
47	A parallel guideline development and formalization strategy to improve the quality of clinical practice guidelines. International Journal of Medical Informatics, 2009, 78, 513-520.	3.3	37
48	Effects and costs of home-based training with telemonitoring guidance in low to moderate risk patients entering cardiac rehabilitation: The FIT@Home study. BMC Cardiovascular Disorders, 2013, 13, 82.	1.7	36
49	Presentation of laboratory test results in patient portals: influence of interface design on risk interpretation and visual search behaviour. BMC Medical Informatics and Decision Making, 2018, 18, 11.	3.0	35
50	Using marginal structural models to adjust for treatment dropâ€in when developing clinical prediction models. Statistics in Medicine, 2018, 37, 4142-4154.	1.6	34
51	Health professionalsâ€™ 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
52	Setting Priorities for Optimizing Vascular Access Decision Making â€“ An International Survey of Patients and Clinicians. PLoS ONE, 2015, 10, e0128228.	2.5	32
53	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
54	Seven pillars of precision digital health and medicine. Artificial Intelligence in Medicine, 2020, 103, 101793.	6.5	31

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55	Exercise training programs in Dutch cardiac rehabilitation centres. Netherlands Heart Journal, 2013, 21, 138-143.	0.8	30
56	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
57	Initiation of health-behaviour change among employees participating in a web-based health risk assessment with tailored feedback. Journal of Occupational Medicine and Toxicology, 2011, 6, 5.	2.2	29
58	A qualitative participatory study to identify experiences of coronary heart disease patients to support the development of online self-management services. International Journal of Medical Informatics, 2013, 82, 1183-1194.	3.3	28
59	The influence of patient portals on usersâ€™ decision making is insufficiently investigated: A systematic methodological review. International Journal of Medical Informatics, 2018, 111, 100-111.	3.3	28
60	The influence of training characteristics on the effect of exercise training in patients with coronary artery disease: Systematic review and meta-regression analysis. International Journal of Cardiology, 2017, 245, 52-58.	1.7	26
61	Extraction of temporal relations from clinical free text: A systematic review of current approaches. Journal of Biomedical Informatics, 2020, 108, 103488.	4.3	26
62	Trading off accuracy and explainability in AI decision-making: findings from 2 citizensâ€™ juries. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2128-2138.	4.4	26
63	Using sensitivity analysis for efficient quantification of a belief network. Artificial Intelligence in Medicine, 1999, 17, 223-247.	6.5	25
64	Acute kidney injury in the UK: a replication cohort study of the variation across three regional populations. BMJ Open, 2018, 8, e019435.	1.9	25
65	Safety and usability evaluation of a web-based insulin self-titration system for patients with type 2 diabetes mellitus. Artificial Intelligence in Medicine, 2013, 59, 23-31.	6.5	24
66	Effect of a Multifaceted Performance Feedback Strategy on Length of Stay Compared With Benchmark Reports Alone. Critical Care Medicine, 2013, 41, 1893-1904.	0.9	24
67	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
68	A scoping review of causal methods enabling predictions under hypothetical interventions. Diagnostic and Prognostic Research, 2021, 5, 3.	1.8	24
69	Is the MacNew quality of life questionnaire a useful diagnostic and evaluation instrument for cardiac rehabilitation?. European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 516-520.	2.8	23
70	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
71	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. Implementation Science, 2017, 12, 68.	6.9	22
72	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?. Journal of Medical Internet Research, 2014, 16, e1.	4.3	22

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73	Explicit temporal models for decisionâ€“theoretic planning of clinical management. Artificial Intelligence in Medicine, 1999, 15, 135-154.	6.5	21
74	Missing data was handled inconsistently in UK prediction models: a review of method used. Journal of Clinical Epidemiology, 2021, 140, 149-158.	5.0	21
75	Prognostic Bayesian networks. Journal of Biomedical Informatics, 2007, 40, 619-630.	4.3	20
76	Fibrotic idiopathic interstitial pneumonias: Mortality is linked to a decline in gas transfer. Respirology, 2010, 15, 1233-1243.	2.3	20
77	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
78	Potential prognostic factors for delayed healing of common, nonâ€traumatic skin ulcers: A scoping review. International Wound Journal, 2019, 16, 800-812.	2.9	20
79	Informative presence and observation in routine health data: A review of methodology for clinical risk prediction. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 155-166.	4.4	20
80	Development of evidence-based clinical algorithms for prescription of exercise-based cardiac rehabilitation. Netherlands Heart Journal, 2015, 23, 563-575.	0.8	19
81	Out-of-Home Activity Recognition from GPS Data in Schizophrenic Patients. , 2016, , .		19
82	SMASH! The Salford medication safety dashboard. BMJ Health and Care Informatics, 2018, 25, 183-193.	3.0	19
83	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. Implementation Science, 2011, 6, 119.	6.9	18
84	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
85	Three controversies in health data science. International Journal of Data Science and Analytics, 2018, 6, 261-269.	4.1	18
86	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
87	Improving guideline adherence for cardiac rehabilitation in the Netherlands. Netherlands Heart Journal, 2011, 19, 285-289.	0.8	17
88	Impact of a Web-Based Worksite Health Promotion Program on Absenteeism. Journal of Occupational and Environmental Medicine, 2012, 54, 404-408.	1.7	17
89	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
90	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

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91	Determinants of Participation in a Web-Based Health Risk Assessment and Consequences for Health Promotion Programs. Journal of Medical Internet Research, 2013, 15, e151.	4.3	17
92	Diabetes Patients' Experiences With the Implementation of Insulin Therapy and Their Perceptions of Computer-Assisted Self-Management Systems for Insulin Therapy. Journal of Medical Internet Research, 2014, 16, e235.	4.3	17
93	Learning predictive models that use pattern discoveryâ€"A bootstrap evaluative approach applied in organ functioning sequences. Journal of Biomedical Informatics, 2010, 43, 578-586.	4.3	16
94	Performance of risk-adjusted control charts to monitor in-hospital mortality of intensive care unit patients. Critical Care Medicine, 2012, 40, 1799-1807.	0.9	16
95	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. Implementation Science, 2014, 9, 780.	6.9	16
96	Toward a framework for the design, implementation, and reporting of methodology scoping reviews. Journal of Clinical Epidemiology, 2020, 127, 191-197.	5.0	16
97	Mortality in People with TypeÂ2 Diabetes Following SARS-CoV-2 Infection: A Population Level Analysis of Potential Risk Factors. Diabetes Therapy, 2022, 13, 1037-1051.	2.5	16
98	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
99	Using electronic health records to quantify and stratify the severity of type 2 diabetes in primary care in England: rationale and cohort study design. BMJ Open, 2018, 8, e020926.	1.9	14
100	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
101	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
102	Evaluation of a pharmacist-led actionable audit and feedback intervention for improving medication safety in UK primary care: An interrupted time series analysis. PLoS Medicine, 2020, 17, e1003286.	8.4	13
103	A multipleâ€model generalisation of updating clinical prediction models. Statistics in Medicine, 2018, 37, 1343-1358.	1.6	12
104	Clinical trial data reuse â€“ overcoming complexities in trial design and data sharing. Trials, 2019, 20, 513.	1.6	12
105	Understanding How the Design and Implementation of Online Consultations Affect Primary Care Quality: Systematic Review of Evidence With Recommendations for Designers, Providers, and Researchers. Journal of Medical Internet Research, 2022, 24, e37436.	4.3	12
106	Influence of entry criteria on mortality risk and number of eligible patients in recent studies on severe sepsis*. Critical Care Medicine, 2005, 33, 2178-2183.	0.9	11
107	Revision of the Dutch clinical algorithm for assessing patient needs in cardiac rehabilitation based on identified implementation problems. European Journal of Preventive Cardiology, 2012, 19, 504-514.	1.8	11
108	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

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109	Optimizing Digital Health Informatics Interventions Through Unobtrusive Quantitative Process Evaluations. Studies in Health Technology and Informatics, 2016, 228, 594-8.	0.3	11
110	Patient-Reported Outcomes in Cardiac Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2016, 36, 230-239.	2.1	10
111	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. International Journal of Medical Informatics, 2017, 97, 76-85.	3.3	10
112	An investigation of the effects of n-gram length in scanpath analysis for eye-tracking research. , 2018, , .		10
113	Term sets: A transparent and reproducible representation of clinical code sets. PLoS ONE, 2019, 14, e0212291.	2.5	10
114	How different visualizations affect human reasoning about uncertainty: An analysis of visual behaviour. Computers in Human Behavior, 2019, 92, 55-64.	8.5	10
115	Modified Rand method to derive quality indicators: a case study in cardiac rehabilitation. Studies in Health Technology and Informatics, 2011, 169, 88-92.	0.3	10
116	The Risk Factors Potentially Influencing Hospital Admission in People with Diabetes, Following SARS-CoV-2 Infection: A Population-Level Analysis. Diabetes Therapy, 2022, 13, 1007.	2.5	10
117	The use of a registry database in clinical trial design: Assessing the influence of entry criteria on statistical power and number of eligible patients. International Journal of Medical Informatics, 2007, 76, 176-183.	3.3	9
118	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
119	Progress in Characterizing the Human Exposome: a Key Step for Precision Medicine. Yearbook of Medical Informatics, 2020, 29, 115-120.	1.0	9
120	Sample sizes of prediction model studies in prostate cancer were rarely justified and often insufficient. Journal of Clinical Epidemiology, 2021, 133, 53-60.	5.0	9
121	Determinants of eligibility and use of ehealth for cardiac rehabilitation patients: preliminary results. Studies in Health Technology and Informatics, 2014, 205, 818-22.	0.3	9
122	Intelligent data analysis in biomedicine. Journal of Biomedical Informatics, 2007, 40, 605-608.	4.3	8
123	Effectiveness of a web-based health risk assessment with individually-tailored feedback on lifestyle behaviour: study protocol. BMC Public Health, 2012, 12, 200.	2.9	8
124	Individual and Clustered Rankability of ICUs According to Case-Mixâ€“Adjusted Mortality*. Critical Care Medicine, 2016, 44, 901-909.	0.9	8
125	The association between outcome-based quality indicators for intensive care units. PLoS ONE, 2018, 13, e0198522.	2.5	8
126	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

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127	Development and validation of the DIabetes Severity SCOre (DISSCO) in 139 626 individuals with type 2 diabetes: a retrospective cohort study. BMJ Open Diabetes Research and Care, 2020, 8, e000962.	2.8	8
128	Adaptive Symptom Monitoring Using Hidden Markov Models â€“ An Application in Ecological Momentary Assessment. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1770-1780.	6.3	8
129	OptiMissP: A dashboard to assess missingness in proteomic data-independent acquisition mass spectrometry. PLoS ONE, 2021, 16, e0249771.	2.5	8
130	Attention-based bidirectional long short-term memory networks for extracting temporal relationships from clinical discharge summaries. Journal of Biomedical Informatics, 2021, 123, 103915.	4.3	8
131	A 12-week cardiac telerehabilitation programme does not prevent relapse of physical activity levels: long-term results of the FIT@Home trial. European Journal of Preventive Cardiology, 2022, 29, e255-e257.	1.8	8
132	Process Mining in Primary Care: A Literature Review. Studies in Health Technology and Informatics, 2018, 247, 376-380.	0.3	8
133	Does coprescribing nonsteroidal antiâ€inflammatory drugs and oral anticoagulants increase the risk of major bleeding, stroke and systemic embolism?. British Journal of Clinical Pharmacology, 2022, 88, 4789-4811.	2.4	8
134	Individual and Joint Expert Judgments as Reference Standards in Artifact Detection. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 227-234.	4.4	7
135	An online survey to study the relationship between patients’ health literacy and coping style and their preferences for self-management-related information. Patient Preference and Adherence, 2014, 8, 631.	1.8	7
136	Practice Variations in Exercise Training Programs in Dutch Cardiac Rehabilitation Centers: Prospective, Observational Study. Physical Therapy, 2019, 99, 266-275.	2.4	7
137	Extracting Drug Names and Associated Attributes From Discharge Summaries: Text Mining Study. JMIR Medical Informatics, 2021, 9, e24678.	2.6	7
138	Evaluation of End-User Satisfaction Among Employees Participating in a Web-based Health Risk Assessment With Tailored Feedback. Journal of Medical Internet Research, 2012, 14, e140.	4.3	7
139	A web-based system to facilitate local, systematic quality improvement by multidisciplinary care teams: development and first experiences of CARDSS Online. Studies in Health Technology and Informatics, 2013, 192, 248-52.	0.3	7
140	The Case for Conceptual and Computable Cross-Fertilization Between Audit and Feedback and Clinical Decision Support. Studies in Health Technology and Informatics, 2015, 216, 419-23.	0.3	7
141	Systematic review and narrative synthesis of computerized audit and feedback systems in healthcare. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1106-1119.	4.4	7
142	Developing a decision-theoretic network for a congenital heart disease. Lecture Notes in Computer Science, 1997, , 157-168.	1.3	6
143	Do Intensive Care Data on Respiratory Infections Reflect Influenza Epidemics?. PLoS ONE, 2013, 8, e83854.	2.5	6
144	Clinical prognostic methods: Trends and developments. Journal of Biomedical Informatics, 2014, 48, 1-4.	4.3	6

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145	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
146	Informatics for Health 2017: Advancing both science and practice. Journal of Innovation in Health Informatics, 2017, 24, 1.	0.9	6
147	Evidencing How Experience and Problem Format Affect Probabilistic Reasoning Through Interaction Analysis. Frontiers in Psychology, 2019, 10, 1548.	2.1	6
148	Identifying types and causes of errors in mortality data in a clinical registry using multiple information systems. Studies in Health Technology and Informatics, 2012, 180, 771-5.	0.3	6
149	Inside the Black Box of Audit and Feedback: a Laboratory Study to Explore Determinants of Improvement Target Selection by Healthcare Professionals in Cardiac Rehabilitation. Studies in Health Technology and Informatics, 2015, 216, 424-8.	0.3	6
150	Mixed methods evaluation of a computerised audit and feedback dashboard to improve patient safety through targeting acute kidney injury (AKI) in primary care. International Journal of Medical Informatics, 2021, 145, 104299.	3.3	5
151	EPICURE: Ensemble Pretrained Models for Extracting Cancer Mutations from Literature. , 2021, , .		5
152	Ranking sets of morbidities using hypergraph centrality. Journal of Biomedical Informatics, 2021, 122, 103916.	4.3	5
153	Subjective usability of the CARDSS guideline-based decision support system. Studies in Health Technology and Informatics, 2008, 136, 193-8.	0.3	5
154	Dichotomization of ICU Length of Stay Based on Model Calibration. Lecture Notes in Computer Science, 2005, , 67-76.	1.3	4
155	Formative usability evaluation of a web-based insulin self-titration system: preliminary results. Studies in Health Technology and Informatics, 2012, 180, 1209-11.	0.3	4
156	Changes in the cardiac rehabilitation workflow process needed for the implementation of a self-management system. Studies in Health Technology and Informatics, 2013, 192, 1140.	0.3	4
157	Control Theory to Design and Evaluate Audit and Feedback Interventions. Studies in Health Technology and Informatics, 2019, 263, 159-170.	0.3	4
158	Analyzing Differences in Operational Disease Definitions Using Ontological Modeling. Lecture Notes in Computer Science, 2007, , 297-302.	1.3	3
159	Inferring Visual Behaviour from User Interaction Data on a Medical Dashboard. , 2018, , .		3
160	Does not compute: challenges and solutions in managing computable biomedical knowledge. BMJ Health and Care Informatics, 2020, 27, e100123.	3.0	3
161	Usability evaluation of a guideline implementation system for cardiac rehabilitation: think aloud study. Studies in Health Technology and Informatics, 2012, 180, 403-7.	0.3	3
162	A Two-stage Dynamic Model to Enable Updating of Clinical Risk Prediction from Longitudinal Health Record Data: Illustrated with Kidney Function. Studies in Health Technology and Informatics, 2015, 216, 696-700.	0.3	3

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163	Guideline-Based Decision Support Systems for Prevention and Management of Chronic Diseases. , 2011, , .		2
164	Addendum to Informatics for Health 2017: Advancing both science and practice. Journal of Innovation in Health Informatics, 2017, 24, 291.	0.9	2
165	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
166	CARDSS: Development and Evaluation of a Guideline Based Decision Support System for Cardiac Rehabilitation. Lecture Notes in Computer Science, 2011, , 109-118.	1.3	2
167	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. AMIA ... Annual Symposium proceedings, 2015, 2015, 2101-10.	0.2	2
168	Design of a continuous multifaceted guideline-implementation strategy based on computerized decision support. Studies in Health Technology and Informatics, 2010, 160, 836-40.	0.3	2
169	How to use concept mapping to identify barriers and facilitators of an electronic quality improvement intervention. Studies in Health Technology and Informatics, 2015, 210, 110-4.	0.3	2
170	Making Medication Data Meaningful: Illustrated with Hypertension. Studies in Health Technology and Informatics, 2016, 228, 247-51.	0.3	2
171	Artificial Intelligence in Medicine AIME 2013. Artificial Intelligence in Medicine, 2015, 65, 1-3.	6.5	1
172	Application of statistical process control methods to monitor guideline adherence: a case study. AMIA ... Annual Symposium proceedings, 2008, , 581-5.	0.2	1
173	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. Cardiovascular Endocrinology and Metabolism, 2022, 11, e0257.	1.1	1
174	SARS-CoV-2, diabetes and mortality: month by month variation in mortality rate from June 2020 to June 2021. Cardiovascular Endocrinology and Metabolism, 2022, 11, e0258.	1.1	1
175	Bayesian networks for multivariate data analysis and prognostic modelling in cardiac surgery. Studies in Health Technology and Informatics, 2007, 129, 596-600.	0.3	1
176	Handling intra-cluster correlation when analyzing the effects of decision support on health care process measures. Studies in Health Technology and Informatics, 2013, 186, 22-7.	0.3	1
177	Findability of UK health datasets available for research: a mixed methods study. BMJ Health and Care Informatics, 2022, 29, e100325.	3.0	1
178	Patient Safety Informatics: Meeting the Challenges of Emerging Digital Health. Studies in Health Technology and Informatics, 2022, , .	0.3	1
179	The authors reply. Critical Care Medicine, 2014, 42, e81-e82.	0.9	0
180	The authors reply. Critical Care Medicine, 2014, 42, e254-e255.	0.9	0

#	Article	IF	Citations
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