

Ameen Abu-Hanna

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9252173/ameen-abu-hanna-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

250
papers

6,552
citations

41
h-index

74
g-index

267
ext. papers

7,749
ext. citations

4.2
avg, IF

5.9
L-index

#	Paper	IF	Citations
250	Mortality after hospital discharge in ICU patients. <i>Critical Care Medicine</i> , 2013 , 41, 1229-36	1.4	536
249	Evaluation of SOFA-based models for predicting mortality in the ICU: A systematic review. <i>Critical Care</i> , 2008 , 12, R161	10.8	284
248	The coming of age of artificial intelligence in medicine. <i>Artificial Intelligence in Medicine</i> , 2009 , 46, 5-17	7.4	283
247	Geriatric conditions in acutely hospitalized older patients: prevalence and one-year survival and functional decline. <i>PLoS ONE</i> , 2011 , 6, e26951	3.7	214
246	The impact of computerized physician medication order entry in hospitalized patients--a systematic review. <i>International Journal of Medical Informatics</i> , 2008 , 77, 365-76	5.3	194
245	Guideline bundles adherence and mortality in severe sepsis and septic shock. <i>Critical Care Medicine</i> , 2014 , 42, 1890-8	1.4	158
244	Evaluation of outpatient computerized physician medication order entry systems: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2007 , 14, 400-6	8.6	153
243	Inappropriateness of medication prescriptions to elderly patients in the primary care setting: a systematic review. <i>PLoS ONE</i> , 2012 , 7, e43617	3.7	148
242	Prognostic models for predicting mortality in elderly ICU patients: a systematic review. <i>Intensive Care Medicine</i> , 2011 , 37, 1258-68	14.5	145
241	Health information-seeking behavior of seniors who use the Internet: a survey. <i>Journal of Medical Internet Research</i> , 2015 , 17, e10	7.6	119
240	A systematic review on prognostic indicators of acute on chronic liver failure and their predictive value for mortality. <i>Liver International</i> , 2013 , 33, 40-52	7.9	114
239	Short-term and long-term mortality in very elderly patients admitted to an intensive care unit. <i>Intensive Care Medicine</i> , 2006 , 32, 1039-44	14.5	112
238	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	3.9	104
237	Factors that predict outcome of intensive care treatment in very elderly patients: a review. <i>Critical Care</i> , 2005 , 9, R307-14	10.8	99
236	Glucose variability measures and their effect on mortality: a systematic review. <i>Intensive Care Medicine</i> , 2011 , 37, 583-93	14.5	98
235	Travel time from home to hospital and adverse perinatal outcomes in women at term in the Netherlands. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 457-65	3.7	95
234	A comparison of RIFLE with and without urine output criteria for acute kidney injury in critically ill patients. <i>Critical Care</i> , 2012 , 16, R200	10.8	91

233	Prediction of mortality in very premature infants: a systematic review of prediction models. <i>PLoS ONE</i> , 2011 , 6, e23441	3.7	91
232	Trends in dialysis modality choice and related patient survival in the ERA-EDTA Registry over a 20-year period. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 120-8	4.3	88
231	Metrics of Arterial Hyperoxia and Associated Outcomes in Critical Care. <i>Critical Care Medicine</i> , 2017 , 45, 187-195	1.4	88
230	Systematic review: acute liver failure - one disease, more than 40 definitions. <i>Alimentary Pharmacology and Therapeutics</i> , 2012 , 35, 1245-56	6.1	76
229	Trends in preterm birth: singleton and multiple pregnancies in the Netherlands, 2000-2007. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 1196-204	3.7	75
228	Ethnic and racial disparities in the risk of preterm birth: a systematic review and meta-analysis. <i>American Journal of Perinatology</i> , 2013 , 30, 433-50	3.3	72
227	Associations of arterial carbon dioxide and arterial oxygen concentrations with hospital mortality after resuscitation from cardiac arrest. <i>Critical Care</i> , 2015 , 19, 348	10.8	70
226	The effect of electronic medical record-based clinical decision support on HIV care in resource-constrained settings: a systematic review. <i>International Journal of Medical Informatics</i> , 2012 , 81, e83-92	5.3	70
225	Effectiveness and Clinical Outcomes of a Two-Step Implementation of Conservative Oxygenation Targets in Critically Ill Patients: A Before and After Trial. <i>Critical Care Medicine</i> , 2016 , 44, 554-63	1.4	58
224	Comparison of classification methods in breath analysis by electronic nose. <i>Journal of Breath Research</i> , 2015 , 9, 046002	3.1	57
223	Prognostic Models in Medicine. <i>Methods of Information in Medicine</i> , 2001 , 40, 1-5	1.5	57
222	Reasons for intentional guideline non-adherence: A systematic review. <i>International Journal of Medical Informatics</i> , 2016 , 89, 55-62	5.3	55
221	A systematic review on quality indicators for tight glycaemic control in critically ill patients: need for an unambiguous indicator reference subset. <i>Critical Care</i> , 2008 , 12, R139	10.8	52
220	Tight glycaemic control and computerized decision-support systems: a systematic review. <i>Intensive Care Medicine</i> , 2009 , 35, 1505-17	14.5	51
219	Hospital mortality is associated with ICU admission time. <i>Intensive Care Medicine</i> , 2010 , 36, 1765-71	14.5	50
218	Blood glucose amplitude variability as predictor for mortality in surgical and medical intensive care unit patients: a multicenter cohort study. <i>Journal of Critical Care</i> , 2012 , 27, 119-24	4	49
217	Understanding Terminological Systems I: Terminology and Typology. <i>Methods of Information in Medicine</i> , 2000 , 39, 16-21	1.5	49
216	Effect of changes over time in the performance of a customized SAPS-II model on the quality of care assessment. <i>Intensive Care Medicine</i> , 2012 , 38, 40-6	14.5	46

215	Prediction of long-term mortality in ICU patients: model validation and assessing the effect of using in-hospital versus long-term mortality on benchmarking. <i>Intensive Care Medicine</i> , 2013 , 39, 1925-31	14.5	45
214	Determinants of mortality after hospital discharge in ICU patients: literature review and Dutch cohort study. <i>Critical Care Medicine</i> , 2013 , 41, 1237-51	1.4	44
213	External validation of Acute Physiology and Chronic Health Evaluation IV in Dutch intensive care units and comparison with Acute Physiology and Chronic Health Evaluation II and Simplified Acute Physiology Score II. <i>Journal of Critical Care</i> , 2011 , 26, 105.e11-8	4	44
212	Integrating classification trees with local logistic regression in Intensive Care prognosis. <i>Artificial Intelligence in Medicine</i> , 2003 , 29, 5-23	7.4	44
211	Frequency and nature of drug-drug interactions in the intensive care unit. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 430-7	2.6	40
210	Time Spent on Dedicated Patient Care and Documentation Tasks Before and After the Introduction of a Structured and Standardized Electronic Health Record. <i>Applied Clinical Informatics</i> , 2018 , 9, 46-53	3.1	38
209	Assessing quality of care of elderly patients using the ACOVE quality indicator set: a systematic review. <i>PLoS ONE</i> , 2011 , 6, e28631	3.7	37
208	Effectiveness and usage of a decision support system to improve stroke prevention in general practice: A cluster randomized controlled trial. <i>PLoS ONE</i> , 2017 , 12, e0170974	3.7	37
207	Discovery and inclusion of SOFA score episodes in mortality prediction. <i>Journal of Biomedical Informatics</i> , 2007 , 40, 649-60	10.2	36
206	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, 273-86	10.2	35
205	Which Models Can I Use to Predict Adult ICU Length of Stay? A Systematic Review. <i>Critical Care Medicine</i> , 2017 , 45, e222-e231	1.4	34
204	Exhaled breath analysis with electronic nose technology for detection of acute liver failure in rats. <i>Biosensors and Bioelectronics</i> , 2014 , 53, 129-34	11.8	34
203	Identification of high-risk subgroups in very elderly intensive care unit patients. <i>Critical Care</i> , 2007 , 11, R33	10.8	34
202	Errors associated with applying decision support by suggesting default doses for aminoglycosides. <i>Drug Safety</i> , 2006 , 29, 803-9	5.1	33
201	A case study in ontology library construction. <i>Artificial Intelligence in Medicine</i> , 1995 , 7, 227-55	7.4	32
200	Different risk-increasing drugs in recurrent versus single fallers: are recurrent fallers a distinct population?. <i>Drugs and Aging</i> , 2013 , 30, 845-51	4.7	31
199	. <i>IEEE Intelligent Systems</i> , 1991 , 6, 26-32		30
198	Prediction of poor outcome in patients with acute liver failure-systematic review of prediction models. <i>PLoS ONE</i> , 2012 , 7, e50952	3.7	30

197	Natural language processing in pathology: a scoping review. <i>Journal of Clinical Pathology</i> , 2016 ,	3.9	30
196	Recurrence risk of preterm birth in subsequent singleton pregnancy after preterm twin delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 207, 279.e1-7	6.4	29
195	Prognostication in acutely admitted older patients by nurses and physicians. <i>Journal of General Internal Medicine</i> , 2008 , 23, 1883-9	4	29
194	Recurrence risk of preterm birth in subsequent twin pregnancy after preterm singleton delivery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012 , 119, 1624-9	3.7	28
193	Translational research in nephrology: chronic kidney disease prevention and public health. <i>CKJ: Clinical Kidney Journal</i> , 2015 , 8, 647-55	4.5	27
192	Acute and chronic diseases as part of multimorbidity in acutely hospitalized older patients. <i>European Journal of Internal Medicine</i> , 2016 , 27, 68-75	3.9	26
191	Glucose prediction by analysis of exhaled metabolites - a systematic review. <i>BMC Anesthesiology</i> , 2014 , 14, 46	2.4	26
190	Development of a prognostic model for predicting spontaneous singleton preterm birth. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2012 , 164, 150-5	2.4	26
189	Prediction models for patients with esophageal or gastric cancer: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018 , 13, e0192310	3.7	25
188	Effects of two different levels of computerized decision support on blood glucose regulation in critically ill patients. <i>International Journal of Medical Informatics</i> , 2012 , 81, 53-60	5.3	25
187	Co-prescription of gastroprotective agents and their efficacy in elderly patients taking nonsteroidal anti-inflammatory drugs: a systematic review of observational studies. <i>Clinical Gastroenterology and Hepatology</i> , 2013 , 11, 1259-1269.e10	6.9	25
186	Data mining technologies for blood glucose and diabetes management. <i>Journal of Diabetes Science and Technology</i> , 2009 , 3, 603-12	4.1	25
185	Potentially inappropriate prescribing to older patients in primary care in the Netherlands: a retrospective longitudinal study. <i>Age and Ageing</i> , 2017 , 46, 614-619	3	23
184	Characterizing predictive models of mortality for older adults and their validation for use in clinical practice. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 1110-5	5.6	23
183	LERM (Logical Elements Rule Method): a method for assessing and formalizing clinical rules for decision support. <i>International Journal of Medical Informatics</i> , 2011 , 80, 286-95	5.3	23
182	Effect of a clinical decision support system on adherence to a lower tidal volume mechanical ventilation strategy. <i>Journal of Critical Care</i> , 2009 , 24, 523-9	4	22
181	A comparison of the performance of a model based on administrative data and a model based on clinical data: effect of severity of illness on standardized mortality ratios of intensive care units. <i>Critical Care Medicine</i> , 2012 , 40, 373-8	1.4	22
180	Modeling information flows in clinical decision support: key insights for enhancing system effectiveness. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 1001-6	8.6	21

179	Effect of a multifaceted performance feedback strategy on length of stay compared with benchmark reports alone: a cluster randomized trial in intensive care*. <i>Critical Care Medicine</i> , 2013 , 41, 1893-904	1.4	21
178	Implementing glucose control in intensive care: a multicenter trial using statistical process control. <i>Intensive Care Medicine</i> , 2010 , 36, 1556-65	14.5	21
177	Ethnic disparities in the risk of adverse neonatal outcome after spontaneous preterm birth. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012 , 91, 1402-8	3.8	20
176	Applying PRIM (Patient Rule Induction Method) and logistic regression for selecting high-risk subgroups in very elderly ICU patients. <i>International Journal of Medical Informatics</i> , 2008 , 77, 272-9	5.3	20
175	Auditing description-logic-based medical terminological systems by detecting equivalent concept definitions. <i>International Journal of Medical Informatics</i> , 2008 , 77, 336-45	5.3	20
174	Understanding Terminological Systems II: Experience with Conceptual and Formal Representation of Structure. <i>Methods of Information in Medicine</i> , 2000 , 39, 22-29	1.5	19
173	Estimating the Time to Benefit for Preventive Drugs with the Statistical Process Control Method: An Example with Alendronate. <i>Drugs and Aging</i> , 2016 , 33, 347-53	4.7	19
172	Predictive performance of the SOFA and mSOFA scoring systems for predicting in-hospital mortality in the emergency department. <i>American Journal of Emergency Medicine</i> , 2019 , 37, 1237-1241	2.9	18
171	Understanding terminological systems. I: Terminology and typology. <i>Methods of Information in Medicine</i> , 2000 , 39, 16-21	1.5	18
170	Information Technology-Based Interventions to Improve Drug-Drug Interaction Outcomes: A Systematic Review on Features and Effects. <i>Journal of Medical Systems</i> , 2017 , 41, 12	5.1	17
169	Mobile health in adults with congenital heart disease: current use and future needs. <i>Netherlands Heart Journal</i> , 2016 , 24, 647-652	2.2	17
168	Better adherence to pre-antiretroviral therapy guidelines after implementing an electronic medical record system in rural Kenyan HIV clinics: a multicenter pre-post study. <i>International Journal of Infectious Diseases</i> , 2015 , 33, 109-13	10.5	17
167	Guidelines on constructing funnel plots for quality indicators: A case study on mortality in intensive care unit patients. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 3350-3366	2.3	16
166	Point and trend accuracy of a continuous intravenous microdialysis-based glucose-monitoring device in critically ill patients: a prospective study. <i>Annals of Intensive Care</i> , 2016 , 6, 68	8.9	16
165	Transient versus persistent acute kidney injury and the diagnostic performance of fractional excretion of urea in critically ill patients. <i>Nephron Clinical Practice</i> , 2014 , 126, 8-13		15
164	Electronic medical record systems are associated with appropriate placement of HIV patients on antiretroviral therapy in rural health facilities in Kenya: a retrospective pre-post study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 1009-14	8.6	15
163	Application of body mass index according to height-age in short and tall children. <i>PLoS ONE</i> , 2013 , 8, e72068	3.7	15
162	PRIM versus CART in subgroup discovery: when patience is harmful. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 701-8	10.2	15

161	Discovery and integration of univariate patterns from daily individual organ-failure scores for intensive care mortality prediction. <i>Artificial Intelligence in Medicine</i> , 2008 , 43, 47-60	7.4	15
160	Protégé as a vehicle for developing medical terminological systems. <i>International Journal of Human Computer Studies</i> , 2005 , 62, 639-663	4.6	15
159	Analysis and Design of an Ontology for Intensive Care Diagnoses. <i>Methods of Information in Medicine</i> , 1999 , 38, 102-112	1.5	15
158	Risk of poor neonatal outcome at term after medically assisted reproduction: a propensity score-matched study. <i>Fertility and Sterility</i> , 2015 , 104, 384-90.e1	4.8	14
157	Drug-drug interactions in inpatient and outpatient settings in Iran: a systematic review of the literature. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 52	3.9	14
156	Frequency and risk factors for under- and over-treatment in stroke prevention for patients with non-valvular atrial fibrillation in general practice. <i>PLoS ONE</i> , 2013 , 8, e67806	3.7	14
155	Improved communication in post-ICU care by improving writing of ICU discharge letters: a longitudinal before-after study. <i>BMJ Quality and Safety</i> , 2011 , 20, 967-73	5.4	13
154	Exploring the relationships between patient characteristics and their dialysis care experience. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 4188-96	4.3	13
153	SOURCE: A Registry-Based Prediction Model for Overall Survival in Patients with Metastatic Oesophageal or Gastric Cancer. <i>Cancers</i> , 2019 , 11,	6.6	13
152	Effect of a clinical decision support system on early action on immunological treatment failure in patients with HIV in Kenya: a cluster randomised controlled trial. <i>Lancet HIV</i> , 2016 , 3, e76-84	7.8	12
151	Quality of Co-Prescribing NSAID and Gastroprotective Medications for Elders in The Netherlands and Its Association with the Electronic Medical Record. <i>PLoS ONE</i> , 2015 , 10, e0129515	3.7	12
150	Description logic-based methods for auditing frame-based medical terminological systems. <i>Artificial Intelligence in Medicine</i> , 2005 , 34, 201-17	7.4	12
149	Adoption and implementation of the original strict glycemic control guideline is feasible and safe in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2012 , 78, 982-95	1.9	12
148	Antenatal prediction of neonatal mortality in very premature infants. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014 , 176, 126-31	2.4	11
147	A combined disease management and process modeling approach for assessing and improving care processes: a fall management case-study. <i>International Journal of Medical Informatics</i> , 2013 , 82, 1022-33	5.3	11
146	Learning predictive models that use pattern discovery—a bootstrap evaluative approach applied in organ functioning sequences. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 578-86	10.2	11
145	A Framework for Characterizing Terminological Systems. <i>Methods of Information in Medicine</i> , 2006 , 45, 253-266	1.5	11
144	Prognostic utilization of models based on the APACHE II, APACHE IV, and SAPS II scores for predicting in-hospital mortality in emergency department. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 1841-1846	2.9	11

143	Identification of subgroups by risk of graft failure after paediatric renal transplantation: application of survival tree models on the ESPN/ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 317-24	4.3	10
142	Assessment of the quality of fall detection and management in primary care in the Netherlands based on the ACOVE quality indicators. <i>Osteoporosis International</i> , 2016 , 27, 569-76	5.3	10
141	Statistical process control for validating a classification tree model for predicting mortality--a novel approach towards temporal validation. <i>Journal of Biomedical Informatics</i> , 2012 , 45, 37-44	10.2	10
140	Preterm Breech Presentation: A Comparison of Intended Vaginal and Intended Cesarean Delivery. <i>Obstetrics and Gynecology</i> , 2015 , 126, 1223-1230	4.9	10
139	Evaluation of consulting and critiquing decision support systems: effect on adherence to a lower tidal volume mechanical ventilation strategy. <i>Journal of Critical Care</i> , 2012 , 27, 425.e1-8	4	10
138	Decision support telemedicine systems: A conceptual model and reusable templates. <i>Telemedicine Journal and E-Health</i> , 2006 , 12, 644-54	5.9	10
137	. <i>IEEE Intelligent Systems</i> , 1994 , 9, 53-64		10
136	Natural language processing algorithms for mapping clinical text fragments onto ontology concepts: a systematic review and recommendations for future studies. <i>Journal of Biomedical Semantics</i> , 2020 , 11, 14	2.2	10
135	Acceptance and barriers pertaining to a general practice decision support system for multiple clinical conditions: A mixed methods evaluation. <i>PLoS ONE</i> , 2018 , 13, e0193187	3.7	10
134	The consequences of seniors seeking health information using the internet and other sources. <i>Studies in Health Technology and Informatics</i> , 2013 , 192, 457-60	0.5	10
133	Statistical process control for monitoring standardized mortality ratios of a classification tree model. <i>Methods of Information in Medicine</i> , 2012 , 51, 353-8	1.5	9
132	Ethnic disparities in perinatal mortality at 40 and 41 weeks of gestation. <i>Journal of Perinatal Medicine</i> , 2013 , 41, 381-8	2.7	9
131	Evaluation of patient satisfaction of the status of appointment scheduling systems in outpatient clinics: Identifying patients' needs. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2018 , 9, 51-55	2.1	9
130	Risk Factors for Incident Stroke and Its Subtypes in China: A Prospective Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e016352	6	9
129	Five years of therapeutic drug monitoring in the intensive care did not change vancomycin prescription behaviour: perceived needs for decision support. <i>Minerva Anestesiologica</i> , 2012 , 78, 684-92	1.9	9
128	Distinct Cognitive Trajectories in the First Year After Hip Fracture. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 1034-1042	5.6	8
127	A survey of attitudes, practices, and knowledge regarding drug-drug interactions among medical residents in Iran. <i>International Journal of Clinical Pharmacy</i> , 2017 , 39, 560-568	2.3	8
126	Impact of Electronic versus Paper-Based Recording before EHR Implementation on Health Care Professionals' Perceptions of EHR Use, Data Quality, and Data Reuse. <i>Applied Clinical Informatics</i> , 2019 , 10, 199-209	3.1	8

125	Intrapartum epidural analgesia and low Apgar score among singleton infants born at term: A propensity score matched study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020 , 99, 1155-1162	3.8	8
124	The Effect of a Clinical Decision Support System on Improving Adherence to Guideline in the Treatment of Atrial Fibrillation: An Interrupted Time Series Study. <i>Journal of Medical Systems</i> , 2017 , 42, 26	5.1	8
123	Small for gestational age and perinatal mortality at term: An audit in a Dutch national cohort study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017 , 215, 62-67	2.4	8
122	Relevance of drug-drug interaction in the ICU - perceptions of intensivists and pharmacists. <i>Studies in Health Technology and Informatics</i> , 2012 , 180, 716-20	0.5	8
121	Web-site evaluation tools: a case study in reproductive health information. <i>Studies in Health Technology and Informatics</i> , 2014 , 205, 895-9	0.5	8
120	Trends in birth asphyxia, obstetric interventions and perinatal mortality among term singletons: a nationwide cohort study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 632-7	2	7
119	Factors associated with recognition and prioritization for falling, and the effect on fall incidence in community dwelling older adults. <i>BMC Geriatrics</i> , 2015 , 15, 169	4.1	7
118	Glycemic variability is complex--is glucose complexity variable?. <i>Critical Care</i> , 2012 , 16, 178	10.8	7
117	Studies pertaining to the ACOVE quality criteria: a systematic review. <i>International Journal for Quality in Health Care</i> , 2012 , 24, 80-7	1.9	7
116	The risk of intrapartum/neonatal mortality and morbidity following birth at 37 weeks of gestation: a nationwide cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019 , 126, 1252-1257	3.7	6
115	The burden and predisposing factors of non-communicable diseases in Mashhad University of Medical Sciences personnel: a prospective 15-year organizational cohort study protocol and baseline assessment. <i>BMC Public Health</i> , 2020 , 20, 1637	4.1	6
114	External validation of existing prediction models of 30-day mortality after Transcatheter Aortic Valve Implantation (TAVI) in the Netherlands Heart Registration. <i>International Journal of Cardiology</i> , 2020 , 317, 25-32	3.2	6
113	Models to predict length of stay in the Intensive Care Unit after coronary artery bypass grafting: a systematic review. <i>Journal of Cardiovascular Surgery</i> , 2018 , 59, 471-482	0.7	6
112	Effect of an Online Appointment Scheduling System on Evaluation Metrics of Outpatient Scheduling System: a before-after Multicenter Study. <i>Journal of Medical Systems</i> , 2019 , 43, 281	5.1	6
111	Improving stroke prevention in patients with atrial fibrillation. <i>Trials</i> , 2013 , 14, 193	2.8	6
110	Acute-on-chronic liver failure - its definition remains unclear. <i>Journal of Hepatology</i> , 2013 , 59, 190-1	13.4	6
109	Associations between bolus infusion of hydrocortisone, glycemic variability and insulin infusion rate variability in critically ill patients under moderate glycemic control. <i>Annals of Intensive Care</i> , 2015 , 5, 34	8.9	6
108	A subgroup discovery approach for scrutinizing blood glucose management guidelines by the identification of hyperglycemia determinants in ICU patients. <i>Methods of Information in Medicine</i> , 2008 , 47, 480-8	1.5	6

107	Analysis and design of an ontology for intensive care diagnoses. <i>Methods of Information in Medicine</i> , 1999 , 38, 102-12	1.5	6
106	A framework for characterizing terminological systems. <i>Methods of Information in Medicine</i> , 2006 , 45, 253-66	1.5	6
105	The use of linked registries to assess long-term mortality of ICU patients. <i>Studies in Health Technology and Informatics</i> , 2012 , 180, 230-4	0.5	6
104	Practice Variations in Exercise Training Programs in Dutch Cardiac Rehabilitation Centers: Prospective, Observational Study. <i>Physical Therapy</i> , 2019 , 99, 266-275	3.3	5
103	Improving medication safety in the Intensive Care by identifying relevant drug-drug interactions - Results of a multicenter Delphi study. <i>Journal of Critical Care</i> , 2020 , 57, 134-140	4	5
102	Dynamic prediction of mortality among patients in intensive care using the sequential organ failure assessment (SOFA) score: a joint competing risk survival and longitudinal modeling approach. <i>Statistica Neerlandica</i> , 2018 , 72, 34-47	0.9	5
101	The impact of a computerized decision aid on empowering pregnant women for choosing vaginal versus cesarean section delivery: study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 549	2.8	5
100	May frequency of blood glucose measurement be blurring the association between mean absolute glucose change per hour and mortality?. <i>Critical Care Medicine</i> , 2011 , 39, 224; author reply 224-5	1.4	5
99	Incidence rate and pattern of clinically relevant potential drug-drug interactions in a large outpatient population of a developing country. <i>Research in Pharmaceutical Sciences</i> , 2016 , 11, 233-42	2.6	5
98	Adults with congenital heart disease: ready for mobile health?. <i>Netherlands Heart Journal</i> , 2019 , 27, 152-160	1.6	5
97	Understanding terminological systems. II: Experience with conceptual and formal representation of structure. <i>Methods of Information in Medicine</i> , 2000 , 39, 22-9	1.5	5
96	Attitudes and experience of Dutch general practitioners regarding computerized clinical decision support. <i>Studies in Health Technology and Informatics</i> , 2013 , 186, 56-60	0.5	5
95	End-User Experiences and Expectations Regarding Data Registration and Reuse Before the Implementation of a (New) Electronic Health Record: A Case Study in Two University Hospitals. <i>Studies in Health Technology and Informatics</i> , 2015 , 216, 997	0.5	5
94	Non-invasive breath monitoring with eNose does not improve glucose diagnostics in critically ill patients in comparison to continuous glucose monitoring in blood. <i>Journal of Breath Research</i> , 2017 , 11, 026002	3.1	4
93	The effect of ICU-tailored drug-drug interaction alerts on medication prescribing and monitoring: protocol for a cluster randomized stepped-wedge trial. <i>BMC Medical Informatics and Decision Making</i> , 2019 , 19, 159	3.6	4
92	From assessment to improvement of elderly care in general practice using decision support to increase adherence to ACOVE quality indicators: study protocol for randomized control trial. <i>Trials</i> , 2014 , 15, 81	2.8	4
91	Effect of a mobile safety alarm on going outside, feeling safe, fear of falling, and quality of life in community-living older persons: a randomized controlled trial. <i>Journal of the American Geriatrics Society</i> , 2012 , 60, 987-9	5.6	4
90	The utility of the SOFA score for predicting mortality in critically ill cirrhotic patients receiving liver transplantation. <i>Critical Care</i> , 2013 , 17, 426	10.8	4

89	Assessing and combining repeated prognosis of physicians and temporal models in the intensive care. <i>Artificial Intelligence in Medicine</i> , 2013 , 57, 111-7	7.4	4
88	Factors that drive insulin-dosing decisions of diabetes care providers: a vignette-based study in the Netherlands. <i>Diabetic Medicine</i> , 2015 , 32, 69-77	3.5	4
87	Incorporating dynamics for predicting poor outcome in acute liver failure patients. <i>World Journal of Gastrointestinal Surgery</i> , 2012 , 4, 281-3	2.4	4
86	Using Description Logics for Managing Medical Terminologies. <i>Lecture Notes in Computer Science</i> , 2003 , 61-70	0.9	4
85	De-novo FAIRification via an Electronic Data Capture system by automated transformation of filled electronic Case Report Forms into machine-readable data		4
84	Internal validation and comparison of the prognostic performance of models based on six emergency scoring systems to predict in-hospital mortality in the emergency department. <i>BMC Emergency Medicine</i> , 2021 , 21, 68	2.4	4
83	Factors Influencing Continuous Breath Signal in Intubated and Mechanically-Ventilated Intensive Care Unit Patients Measured by an Electronic Nose. <i>Sensors</i> , 2016 , 16,	3.8	4
82	Potentially inappropriate prescribing in older hospitalized Dutch patients according to the STOPP/START criteria v2: a longitudinal study. <i>European Journal of Clinical Pharmacology</i> , 2021 , 77, 777-785	2.8	4
81	Falls and delirium in older inpatients: Work-as-imagined, work-as-done and preferences for clinical decision support systems. <i>Safety Science</i> , 2021 , 142, 105355	5.8	4
80	De-novo FAIRification via an Electronic Data Capture system by automated transformation of filled electronic Case Report Forms into machine-readable data. <i>Journal of Biomedical Informatics</i> , 2021 , 122, 103897	10.2	4
79	Volatile organic compound profiles in outlet air from extracorporeal life-support devices differ from breath profiles in critically ill patients. <i>ERJ Open Research</i> , 2019 , 5,	3.5	3
78	Physical impairment and perceived general health preceding critical illness is predictive of survival. <i>Journal of Critical Care</i> , 2019 , 51, 51-56	4	3
77	Risk factors for the recurrence of obstetrical anal sphincter injury and the role of a mediolateral episiotomy: an analysis of a national registry. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020 , 127, 951-956	3.7	3
76	The effect of registry-based performance feedback via short text messages and traditional postal letters on prescribing parenteral steroids by general practitioners--A randomized controlled trial. <i>International Journal of Medical Informatics</i> , 2016 , 87, 36-43	5.3	3
75	Development and validation of a model for the adoption of structured and standardised data recording among healthcare professionals. <i>BMC Medical Informatics and Decision Making</i> , 2018 , 18, 54	3.6	3
74	Automated SNOMED CT concept and attribute relationship detection through a web-based implementation of cTAKES. <i>Journal of Biomedical Semantics</i> , 2019 , 10, 14	2.2	3
73	Impact of computer-based pregnancy-induced hypertension and diabetes decision AIDS on empowering pregnant women. <i>Healthcare Informatics Research</i> , 2014 , 20, 266-71	3	3
72	Acceptance of drug-drug interaction alerts and alert system design. <i>British Journal of Clinical Pharmacology</i> , 2010 , 70, 619-20	3.8	3

71	Fifteen years medical information sciences: the Amsterdam curriculum. <i>International Journal of Medical Informatics</i> , 2004 , 73, 465-77	5.3	3
70	FUNCTIONAL MODELS IN PERSPECTIVE: THEIR CHARACTERISTICS AND INTEGRATION IN MULTIPLE MODEL-BASED DIAGNOSIS. <i>Applied Artificial Intelligence</i> , 1994 , 8, 219-237	2.3	3
69	Requirements Analysis of Information Services for Patients on a General Practitioner Website. <i>Methods of Information in Medicine</i> , 2007 , 46, 629-635	1.5	3
68	Effects of Computerized Decision Support Systems on Management of Atrial Fibrillation: A Scoping Review. <i>Journal of Atrial Fibrillation</i> , 2017 , 10, 1579	0.8	3
67	Characterizing Decision Support Telemedicine Systems. <i>Methods of Information in Medicine</i> , 2006 , 45, 523-527	1.5	3
66	Mobile health in cardiac patients: an overview on experiences and challenges of stakeholders involved in daily use and development. <i>BMJ Innovations</i> , 2020 , 6, 184-191	1.8	3
65	External Validation of the Dutch SOURCE Survival Prediction Model in Belgian Metastatic Oesophageal and Gastric Cancer Patients. <i>Cancers</i> , 2020 , 12,	6.6	3
64	Clinically relevant potential drug-drug interactions in intensive care patients: A large retrospective observational multicenter study. <i>Journal of Critical Care</i> , 2021 , 62, 124-130	4	3
63	Barriers and facilitators influencing medication-related CDSS acceptance according to clinicians: A systematic review. <i>International Journal of Medical Informatics</i> , 2021 , 152, 104506	5.3	3
62	Analyzing effects of providing performance feedback at ward rounds on guideline adherence - the importance of feedback usage analysis and statistical control charts. <i>Studies in Health Technology and Informatics</i> , 2010 , 160, 826-30	0.5	3
61	Blood bag temperature monitoring system. <i>Studies in Health Technology and Informatics</i> , 2014 , 205, 730-4.5	4.5	3
60	End-user expectations during an electronic health record implementation: a case study in two academic hospitals. <i>Studies in Health Technology and Informatics</i> , 2015 , 210, 501-5	0.5	3
59	Priority Setting in Improving Hospital Care for Older Patients Using Clinical Decision Support. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 1045-1047	5.9	2
58	Health Economic Evaluation of a Strict Glucose Control Guideline Implemented Using Point-of-Care Testing in Three Intensive Care Units in The Netherlands. <i>Applied Health Economics and Health Policy</i> , 2015 , 13, 399-407	3.4	2
57	Preventing discharge bias by time-specific measures or stratification of reporting of in-hospital ICU mortality by hospital bed size. <i>Critical Care Medicine</i> , 2014 , 42, e684-5	1.4	2
56	Acute liver failure: what is it?. <i>Hepatology</i> , 2012 , 55, 1306-7	11.2	2
55	SOURCE: Prediction Models for Overall Survival in Patients With Metastatic and Potentially Curable Esophageal and Gastric Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021 , 19, 403-410	7.3	2
54	Uptake and effectiveness of a tailor-made online lifestyle programme targeting modifiable risk factors for dementia among middle-aged descendants of people with recently diagnosed dementia: study protocol of a cluster randomised controlled trial (Demin study). <i>BMJ Open</i> , 2020 , 10, e022432	3	2

53	Development of a prediction model for foot ulcer recurrence in people with diabetes using easy-to-obtain clinical variables. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	2
52	For which clinical rules do doctors want decision support, and why? A survey of Dutch general practitioners. <i>Health Informatics Journal</i> , 2019 , 25, 1076-1090	3	2
51	Number of intensivists per bed is associated with efficiency of Dutch intensive care units. <i>Journal of Critical Care</i> , 2021 , 62, 223-229	4	2
50	Antibiotic prescribing in inpatient and outpatient settings in Iran: a systematic review and meta-analysis study. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 15	6.2	2
49	Effect of Interventions With a Clinical Decision Support System for Hospitalized Older Patients: Systematic Review Mapping Implementation and Design Factors. <i>JMIR Medical Informatics</i> , 2021 , 9, e28023	3.6	2
48	Requirements analysis of information services for patients on a general practitioner website--patient and general practitioner perspectives. <i>Methods of Information in Medicine</i> , 2007 , 46, 629-35	1.5	2
47	Trends in practice of blood glucose control in critically ill patients in the Netherlands. <i>Netherlands Journal of Medicine</i> , 2015 , 73, 455-63	0.5	2
46	Internal validation and evaluation of the predictive performance of models based on the PRISM-3 (Pediatric Risk of Mortality) and PIM-3 (Pediatric Index of Mortality) scoring systems for predicting mortality in Pediatric Intensive Care Units (PICUs).. <i>BMC Pediatrics</i> , 2022 , 22, 199	2.6	2
45	Development and Psychometric Testing of Liver Transplant Therapeutic Adherence Questionnaire in a Triphasic Mixed-Method Study. <i>Progress in Transplantation</i> , 2019 , 29, 122-128	1.1	1
44	Continuous prediction of glucose-level changes using an electronic nose in critically ill patients. <i>Critical Care</i> , 2014 , 18, P437	10.8	1
43	Development of Computerized Clinical Decision Support to Assist in Detecting and Preventing Delirium in the Hospital Setting 2014 ,		1
42	Recurrence risk of low Apgar score among term singletons: a population-based cohort study. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2014 , 93, 897-904	3.8	1
41	Evidence--lost to tight glycemic control?. <i>Critical Care</i> , 2008 , 12, 430	10.8	1
40	Predicting Mortality in the Intensive Care Using Episodes. <i>Lecture Notes in Computer Science</i> , 2005 , 447-458	0.9	1
39			1
38	Two novel registry-based prediction models for overall survival in patients with metastatic esophageal or gastric cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 4021-4021	2.2	1
37	An email-based intervention to improve the number and timeliness of letters sent from the hospital outpatient clinic to the general practitioner: A pair-randomized controlled trial. <i>PLoS ONE</i> , 2017 , 12, e0185812	3.7	1
36	Discovery and Integration of Organ-Failure Episodes in Mortality Prediction. <i>Lecture Notes in Computer Science</i> , 2007 , 97-106	0.9	1

35	Comparison of Probabilistic versus Non-probabilistic Electronic Nose Classification Methods in an Animal Model. <i>Lecture Notes in Computer Science</i> , 2015 , 298-303	0.9	1
34	Lessons Learned from Implementing and Evaluating Computerized Decision Support Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 101-108	0.9	1
33	Repeated Prognosis in the Intensive Care: How Well Do Physicians and Temporal Models Perform?. <i>Lecture Notes in Computer Science</i> , 2011 , 230-239	0.9	1
32	A computerized decision support system did not improve personalization of exercise-based cardiac rehabilitation according to latest recommendations. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 572-580	3.9	1
31	Explaining heterogeneity of individual treatment causal effects by subgroup discovery: An observational case study in antibiotics treatment of acute rhino-sinusitis. <i>Artificial Intelligence in Medicine</i> , 2021 , 116, 102080	7.4	1
30	Knowledge, health beliefs and attitudes towards dementia and dementia risk reduction among descendants of people with dementia: a qualitative study using focus group discussions. <i>BMC Public Health</i> , 2021 , 21, 1344	4.1	1
29	Update and, internal and temporal-validation of the FRANCE-2 and ACC-TAVI early-mortality prediction models for Transcatheter Aortic Valve Implantation (TAVI) using data from the Netherlands heart registration (NHR). <i>IJC Heart and Vasculature</i> , 2021 , 32, 100716	2.4	1
28	Effectiveness of intervention due to feedback on errors arising from inappropriate transportation and storage of blood bags in hospitals: a quasi-experimental study. <i>Electronic Physician</i> , 2018 , 10, 6764-6770	1.8	1
27	Informing Patients With Esophagogastric Cancer About Treatment Outcomes by Using a Web-Based Tool and Training: Development and Evaluation Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27824	7.6	1
26	Application of the logical elements rule method for formalization of clinical rules: case study of ACOVE-NLI. <i>Studies in Health Technology and Informatics</i> , 2012 , 180, 421-6	0.5	1
25	Association between dementia parental family history and mid-life modifiable risk factors for dementia: a cross-sectional study using propensity score matching within the Lifelines cohort.. <i>BMJ Open</i> , 2021 , 11, e049918	3	1
24	Impact of Altering Data Granularity Levels on Predictive Modelling: A Case Study of Fall Risk Prediction in Older Persons. <i>Studies in Health Technology and Informatics</i> , 2020 , 270, 257-261	0.5	1
23	Internal Validation of the Predictive Performance of Models Based on Three ED and ICU Scoring Systems to Predict Inhospital Mortality for Intensive Care Patients Referred from the Emergency Department.. <i>BioMed Research International</i> , 2022 , 2022, 3964063	3	1
22	Decreasing trend in preterm birth and perinatal mortality, do disparities also decline?. <i>BMC Public Health</i> , 2020 , 20, 783	4.1	0
21	Evaluating Pointwise Reliability of Machine Learning prediction.. <i>Journal of Biomedical Informatics</i> , 2022 , 127, 103996	10.2	0
20	Can we reliably automate clinical prognostic modelling? A retrospective cohort study for ICU triage prediction of in-hospital mortality of COVID-19 patients in the Netherlands.. <i>International Journal of Medical Informatics</i> , 2022 , 160, 104688	5.3	0
19	SOURCE: Prediction models for overall survival in patients with metastatic and potentially curable esophageal and gastric cancer.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 301-301	2.2	0
18	FAIRification Efforts of Clinical Researchers: The Current State of Affairs. <i>Studies in Health Technology and Informatics</i> , 2021 , 287, 35-39	0.5	0

17	Identifying prognostic factors for clinical outcomes and costs in four high-volume surgical treatments using routinely collected hospital data.. <i>Scientific Reports</i> , 2022 , 12, 5902	4.9	○
16	Incorrect application of the KDIGO acute kidney injury staging criteria.. <i>CKJ: Clinical Kidney Journal</i> , 2022 , 15, 937-941	4.5	○
15	Deprived neighborhoods and spontaneous preterm birth: A national cohort study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2022 , 274, 88-95	2.4	○
14	Associations between dynamics of the blood glucose level after hypoglycemia and intensive care unit mortality: a retrospective multicenter study. <i>Intensive Care Medicine</i> , 2015 , 41, 1864-5	14.5	
13	A modified real AdaBoost algorithm to discover intensive care unit subgroups with a poor outcome 2013 , 2013, 798-803	0.7	
12	A Classification-Tree Hybrid Method for Studying Prognostic Models in Intensive Care. <i>Lecture Notes in Computer Science</i> , 2001 , 99-108	0.9	
11	Data-Driven Analysis of Blood Glucose Management Effectiveness. <i>Lecture Notes in Computer Science</i> , 2005 , 53-57	0.9	
10	Model for End-Stage Liver Disease and Seven Derivations to Prioritize Liver Transplant Candidates: Which Is the Winner?. <i>Experimental and Clinical Transplantation</i> , 2018 , 16, 721-729	0.8	
9	Intrapartum Epidural Analgesia and Low Apgar Score Among Singleton Infants Born at Term: A Propensity Score Matched Study. <i>Obstetric Anesthesia Digest</i> , 2021 , 41, 89-90	0.2	
8	Deep Kernel Learning for Mortality Prediction in the Face of Temporal Shift. <i>Lecture Notes in Computer Science</i> , 2021 , 199-208	0.9	
7	A Propensity Score Matched Approach to Assess the Associations of Commonly Prescribed Medications with Fall Risk in a Large Harmonized Cohort of Older Ambulatory Persons. <i>Drugs and Aging</i> , 2021 , 38, 797-805	4.7	
6	The specification of a frame-based medical terminological system in Protégé <i>Studies in Health Technology and Informatics</i> , 2004 , 107, 317-21	0.5	
5	Characterizing Decision Support Telemedicine Systems. <i>Methods of Information in Medicine</i> , 2006 , 45, 523-7	1.5	
4	Fall-related Information seeking behavior of seniors on the web. <i>Studies in Health Technology and Informatics</i> , 2014 , 205, 647-51	0.5	
3	The Association Between the STOPP/START Criteria and Gastro-Intestinal Track Bleedings in Elderly Patients. <i>Studies in Health Technology and Informatics</i> , 2017 , 235, 569-573	0.5	
2	A clinical decision support system is associated with reduced loss to follow-up among patients receiving HIV treatment in Kenya: a cluster randomized trial.. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 357	3.6	
1	Comparing continuous versus categorical measures to assess and benchmark intensive care unit performance.. <i>Journal of Critical Care</i> , 2022 , 70, 154063	4	