Peter R Rijnbeek

List of Publications by Year
in descending order

58 papers	2,904 citations	257450 24 h-index	197818 49 g-index
75 all docs	75 docs citations	75 times ranked	4718 citing authors

#	ARTICLE	IF	CITATIONS
1	Observational Health Data Sciences and Informatics (OHDSI): Opportunities for Observational Researchers. Studies in Health Technology and Informatics, 2015, 216, 574-8.	0.3	533
2	The role of explainability in creating trustworthy artificial intelligence for health care: A comprehensive survey of the terminology, design choices, and evaluation strategies. Journal of Biomedical Informatics, 2021, 113, 103655.	4.3	259
3	Prediction of RNA-protein sequence and structure binding preferences using deep convolutional and recurrent neural networks. BMC Genomics, 2018, 19, 511.	2.8	197
4	Normal values of the electrocardiogram for ages 16â€"90years. Journal of Electrocardiology, 2014, 47, 914-921.	0.9	136
5	Design and implementation of a standardized framework to generate and evaluate patient-level prediction models using observational healthcare data. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 969-975.	4.4	131
6	Risk of hydroxychloroquine alone and in combination with azithromycin in the treatment of rheumatoid arthritis: a multinational, retrospective study. Lancet Rheumatology, The, 2020, 2, e698-e711.	3.9	117
7	Characterising the background incidence rates of adverse events of special interest for covid-19 vaccines in eight countries: multinational network cohort study. BMJ, The, 0, , n1435.	6.0	112
8	Reninâ€"angiotensin system blockers and susceptibility to COVID-19: an international, open science, cohort analysis. The Lancet Digital Health, 2021, 3, e98-e114.	12.3	94
9	Chronic obstructive pulmonary disease and sudden cardiac death: the Rotterdam study. European Heart Journal, 2015, 36, 1754-1761.	2.2	91
10	Thyroid Function and Sudden Cardiac Death. Circulation, 2016, 134, 713-722.	1.6	89
11	Deep phenotyping of 34,128 adult patients hospitalised with COVID-19 in an international network study. Nature Communications, 2020, 11, 5009.	12.8	86
12	Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages. Frontiers in Physiology, 2018, 9, 424.	2.8	73
13	Venous or arterial thrombosis and deaths among COVID-19 cases: a European network cohort study. Lancet Infectious Diseases, The, 2022, 22, 1142-1152.	9.1	60
14	Use of repurposed and adjuvant drugs in hospital patients with covid-19: multinational network cohort study. BMJ, The, 2021, 373, n1038.	6.0	50
15	Dementia prevalence and incidence in a federation of European Electronic Health Record databases: The European Medical Informatics Framework resource. Alzheimer's and Dementia, 2018, 14, 130-139.	0.8	44
16	Short-term QT variability markers for the prediction of ventricular arrhythmias and sudden cardiac death: a systematic review. Heart, 2014, 100, 1831-1836.	2.9	43
17	Data Extraction And Management In Networks Of Observational Health Care Databases For Scientific Research: A Comparison Among EU-ADR, OMOP, Mini-Sentinel And MATRICE Strategies. EGEMS (Washington, DC), 2017, 4, 2.	2.0	43
18	Increasing trust in real-world evidence through evaluation of observational data quality. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2251-2257.	4.4	43

#	Article	IF	Citations
19	Use of azithromycin and risk of ventricular arrhythmia. Cmaj, 2017, 189, E560-E568.	2.0	42
20	Common Problems, Common Data Model Solutions: Evidence Generation for Health Technology Assessment. Pharmacoeconomics, 2021, 39, 275-285.	3.3	42
21	COVID-19 in patients with autoimmune diseases: characteristics and outcomes in a multinational network of cohorts across three countries. Rheumatology, 2021, 60, SI37-SI50.	1.9	37
22	Electrocardiographic Criteria for Left Ventricular Hypertrophy in Children. Pediatric Cardiology, 2008, 29, 923-928.	1.3	36
23	Thirty-Day Outcomes of Children and Adolescents With COVID-19: An International Experience. Pediatrics, 2021, 148, .	2.1	35
24	Predictive approaches to heterogeneous treatment effects: a scoping review. BMC Medical Research Methodology, 2020, 20, 264.	3.1	32
25	Background rates of five thrombosis with thrombocytopenia syndromes of special interest for <scp>COVID</scp>â€19 vaccine safety surveillance: Incidence between 2017 and 2019 and patient profiles from 38.6 million people in six European countries. Pharmacoepidemiology and Drug Safety, 2022, 31, 495-510.	1.9	32
26	Data Resource Profile: The Integrated Primary Care Information (IPCI) database, The Netherlands. International Journal of Epidemiology, 2022, 51, e314-e323.	1.9	26
27	Converting to a Common Data Model: What is Lost in Translation?. Drug Safety, 2014, 37, 893-896.	3.2	23
28	Comparative safety and effectiveness of alendronate versus raloxifene in women with osteoporosis. Scientific Reports, 2020, 10, 11115.	3.3	23
29	Feasibility and evaluation of a large-scale external validation approach for patient-level prediction in an international data network: validation of models predicting stroke in female patients newly diagnosed with atrial fibrillation. BMC Medical Research Methodology, 2020, 20, 102.	3.1	22
30	Trends in the conduct and reporting of clinical prediction model development and validation: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 983-989.	4.4	21
31	Identifying Cases of Type 2 Diabetes in Heterogeneous Data Sources: Strategy from the EMIF Project. PLoS ONE, 2016, 11, e0160648.	2.5	20
32	Characteristics and outcomes of 627 044 COVID-19 patients living with and without obesity in the United States, Spain, and the United Kingdom. International Journal of Obesity, 2021, 45, 2347-2357.	3.4	20
33	Risk of depression, suicide and psychosis with hydroxychloroquine treatment for rheumatoid arthritis: a multinational network cohort study. Rheumatology, 2021, 60, 3222-3234.	1.9	20
34	Use of unstructured text in prognostic clinical prediction models: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1292-1302.	4.4	19
35	A standardized analytics pipeline for reliable and rapid development and validation of prediction models using observational health data. Computer Methods and Programs in Biomedicine, 2021, 211, 106394.	4.7	18
36	Finding a short and accurate decision rule in disjunctive normal form by exhaustive search. Machine Learning, 2010, 80, 33-62.	5.4	17

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37	Seek COVER: using a disease proxy to rapidly develop and validate a personalized risk calculator for COVID-19 outcomes in an international network. BMC Medical Research Methodology, 2022, 22, 35.	3.1	13
38	Prediction of Major Depressive Disorder Following Beta-Blocker Therapy in Patients with Cardiovascular Diseases. Journal of Personalized Medicine, 2020, 10, 288.	2.5	11
39	Female Reproductive Performance and Maternal Birth Month: A Comprehensive Meta-Analysis Exploring Multiple Seasonal Mechanisms. Scientific Reports, 2020, 10, 555.	3.3	11
40	Implementation of the COVID-19 Vulnerability Index Across an International Network of Health Care Data Sets: Collaborative External Validation Study. JMIR Medical Informatics, 2021, 9, e21547.	2.6	11
41	Unraveling COVID-19: A Large-Scale Characterization of 4.5 Million COVID-19 Cases Using CHARYBDIS. Clinical Epidemiology, 2022, Volume 14, 369-384.	3.0	11
42	Characteristics and outcomes of patients with COVID-19 with and without prevalent hypertension: a multinational cohort study. BMJ Open, 2021, 11, e057632.	1.9	8
43	Factors Influencing Background Incidence Rate Calculation: Systematic Empirical Evaluation Across an International Network of Observational Databases. Frontiers in Pharmacology, 2022, 13, 814198.	3.5	8
44	Development and external validation of prediction models for adverse health outcomes in rheumatoid arthritis: A multinational real-world cohort analysis. Seminars in Arthritis and Rheumatism, 2022, 56, 152050.	3.4	8
45	Validation of automatic measurement of QT interval variability. PLoS ONE, 2017, 12, e0175087.	2.5	6
46	Investigating the impact of development and internal validation design when training prognostic models using a retrospective cohort in big US observational healthcare data. BMJ Open, 2021, 11, e050146.	1.9	6
47	An empirical analysis of dealing with patients who are lost to follow-up when developing prognostic models using a cohort design. BMC Medical Informatics and Decision Making, 2021, 21, 43.	3.0	5
48	Trajectories: a framework for detecting temporal clinical event sequences from health data standardized to the Observational Medical Outcomes Partnership (OMOP) Common Data Model. JAMIA Open, 2022, 5, ooac021.	2.0	5
49	Logistic regression models for patient-level prediction based on massive observational data: Do we need all data?. International Journal of Medical Informatics, 2022, 163, 104762.	3.3	5
50	Applying Machine Learning in Distributed Data Networks for Pharmacoepidemiologic and Pharmacovigilance Studies: Opportunities, Challenges, and Considerations. Drug Safety, 2022, 45, 493-510.	3.2	5
51	Using Iterative Pairwise External Validation to Contextualize Prediction Model Performance: A Use Case Predicting 1-Year Heart Failure Risk in Patients with Diabetes Across Five Data Sources. Drug Safety, 2022, 45, 563-570.	3.2	5
52	Using the Data Quality Dashboard to Improve the EHDEN Network. Applied Sciences (Switzerland), 2021, 11, 11920.	2.5	4
53	Impact of different assumptions on estimates of childhood diseases obtained from health care data: A <i>retrospective cohort study</i>. Pharmacoepidemiology and Drug Safety, 2018, 27, 612-620.	1.9	3
54	Treatment pathway analysis of newly diagnosed dementia patients in four electronic health record databases in Europe. Social Psychiatry and Psychiatric Epidemiology, 2021, 56, 409-416.	3.1	2

#	Article	IF	Citations
55	A Methodology to Perform Semi-automatic Distributed EHR Database Queries. , 2018, , .		2
56	[P4â€"341]: LEVELS OF BLOOD PRESSURE, BODY MASS INDEX AND TOTAL SERUM CHOLESTEROL AT DIFFERENT TIME POINTS PRIOR TO DEMENTIA DIAGNOSIS: A CASE CONTROL STUDY OF OVER 28 MILLION ELECTRONIC HEALTH RECORDS FROM THE EMIF EHR DATA RESOURCE. Alzheimer's and Dementia, 2017, 13, P1420.	0.8	1
57	Exploring the Value of Electronic Health Records from Multiple Datasets. Communications in Computer and Information Science, 2019, , 367-383.	0.5	1
58	O2â€05â€02: Dementia Prevalence and Incidence in a Combination of European Electronic Health Records Databases: the EMIFâ€ad EHR Resource. Alzheimer's and Dementia, 2016, 12, P232.	0.8	0