

Peter R Rijnbeek

List of Publications by Year in descending order

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Version: 2024-02-01

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	Trends in the conduct and reporting of clinical prediction model development and validation: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 983-989.	4.4	21
2	Seek COVER: using a disease proxy to rapidly develop and validate a personalized risk calculator for COVID-19 outcomes in an international network. <i>BMC Medical Research Methodology</i> , 2022, 22, 35.	3.1	13
3	Data Resource Profile: The Integrated Primary Care Information (IPCI) database, The Netherlands. <i>International Journal of Epidemiology</i> , 2022, 51, e314-e323.	1.9	26
4	Trajectories: a framework for detecting temporal clinical event sequences from health data standardized to the Observational Medical Outcomes Partnership (OMOP) Common Data Model. <i>JAMIA Open</i> , 2022, 5, ooac021.	2.0	5
5	Background rates of five thrombosis with thrombocytopenia syndromes of special interest for COVID-19 vaccine safety surveillance: Incidence between 2017 and 2019 and patient profiles from 38.6 million people in six European countries. <i>Pharmacoepidemiology and Drug Safety</i> , 2022, 31, 495-510.	1.9	32
6	Unraveling COVID-19: A Large-Scale Characterization of 4.5 Million COVID-19 Cases Using CHARYBDIS. <i>Clinical Epidemiology</i> , 2022, Volume 14, 369-384.	3.0	11
7	Use of unstructured text in prognostic clinical prediction models: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1292-1302.	4.4	19
8	Logistic regression models for patient-level prediction based on massive observational data: Do we need all data?. <i>International Journal of Medical Informatics</i> , 2022, 163, 104762.	3.3	5
9	Factors Influencing Background Incidence Rate Calculation: Systematic Empirical Evaluation Across an International Network of Observational Databases. <i>Frontiers in Pharmacology</i> , 2022, 13, 814198.	3.5	8
10	Venous or arterial thrombosis and deaths among COVID-19 cases: a European network cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1142-1152.	9.1	60
11	Applying Machine Learning in Distributed Data Networks for Pharmacoepidemiologic and Pharmacovigilance Studies: Opportunities, Challenges, and Considerations. <i>Drug Safety</i> , 2022, 45, 493-510.	3.2	5
12	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. <i>Drug Safety</i> , 2022, 45, 563-570.	3.2	5
13	Development and external validation of prediction models for adverse health outcomes in rheumatoid arthritis: A multinational real-world cohort analysis. <i>Seminars in Arthritis and Rheumatism</i> , 2022, 56, 152050.	3.4	8
14	Treatment pathway analysis of newly diagnosed dementia patients in four electronic health record databases in Europe. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2021, 56, 409-416.	3.1	2
15	The role of explainability in creating trustworthy artificial intelligence for health care: A comprehensive survey of the terminology, design choices, and evaluation strategies. <i>Journal of Biomedical Informatics</i> , 2021, 113, 103655.	4.3	259
16	Renin-angiotensin system blockers and susceptibility to COVID-19: an international, open science, cohort analysis. <i>The Lancet Digital Health</i> , 2021, 3, e98-e114.	12.3	94
17	An empirical analysis of dealing with patients who are lost to follow-up when developing prognostic models using a cohort design. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 43.	3.0	5
18	COVID-19 in patients with autoimmune diseases: characteristics and outcomes in a multinational network of cohorts across three countries. <i>Rheumatology</i> , 2021, 60, SI37-SI50.	1.9	37

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19	Implementation of the COVID-19 Vulnerability Index Across an International Network of Health Care Data Sets: Collaborative External Validation Study. <i>JMIR Medical Informatics</i> , 2021, 9, e21547.	2.6	11
20	Thirty-Day Outcomes of Children and Adolescents With COVID-19: An International Experience. <i>Pediatrics</i> , 2021, 148, .	2.1	35
21	Use of repurposed and adjuvant drugs in hospital patients with covid-19: multinational network cohort study. <i>BMJ, The</i> , 2021, 373, n1038.	6.0	50
22	Increasing trust in real-world evidence through evaluation of observational data quality. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2251-2257.	4.4	43
23	Characteristics and outcomes of 627 044 COVID-19 patients living with and without obesity in the United States, Spain, and the United Kingdom. <i>International Journal of Obesity</i> , 2021, 45, 2347-2357.	3.4	20
24	A standardized analytics pipeline for reliable and rapid development and validation of prediction models using observational health data. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106394.	4.7	18
25	Common Problems, Common Data Model Solutions: Evidence Generation for Health Technology Assessment. <i>Pharmacoeconomics</i> , 2021, 39, 275-285.	3.3	42
26	Risk of depression, suicide and psychosis with hydroxychloroquine treatment for rheumatoid arthritis: a multinational network cohort study. <i>Rheumatology</i> , 2021, 60, 3222-3234.	1.9	20
27	Using the Data Quality Dashboard to Improve the EHDEN Network. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11920.	2.5	4
28	Investigating the impact of development and internal validation design when training prognostic models using a retrospective cohort in big US observational healthcare data. <i>BMJ Open</i> , 2021, 11, e050146.	1.9	6
29	Characteristics and outcomes of patients with COVID-19 with and without prevalent hypertension: a multinational cohort study. <i>BMJ Open</i> , 2021, 11, e057632.	1.9	8
30	Deep phenotyping of 34,128 adult patients hospitalised with COVID-19 in an international network study. <i>Nature Communications</i> , 2020, 11, 5009.	12.8	86
31	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. <i>BMC Medical Research Methodology</i> , 2020, 20, 102.	3.1	22
32	Predictive approaches to heterogeneous treatment effects: a scoping review. <i>BMC Medical Research Methodology</i> , 2020, 20, 264.	3.1	32
33	Risk of hydroxychloroquine alone and in combination with azithromycin in the treatment of rheumatoid arthritis: a multinational, retrospective study. <i>Lancet Rheumatology, The</i> , 2020, 2, e698-e711.	3.9	117
34	Prediction of Major Depressive Disorder Following Beta-Blocker Therapy in Patients with Cardiovascular Diseases. <i>Journal of Personalized Medicine</i> , 2020, 10, 288.	2.5	11
35	Comparative safety and effectiveness of alendronate versus raloxifene in women with osteoporosis. <i>Scientific Reports</i> , 2020, 10, 11115.	3.3	23
36	Female Reproductive Performance and Maternal Birth Month: A Comprehensive Meta-Analysis Exploring Multiple Seasonal Mechanisms. <i>Scientific Reports</i> , 2020, 10, 555.	3.3	11

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37	Exploring the Value of Electronic Health Records from Multiple Datasets. Communications in Computer and Information Science, 2019, , 367-383.	0.5	1
38	Impact of different assumptions on estimates of childhood diseases obtained from health care data: A retrospective cohort study. Pharmacoepidemiology and Drug Safety, 2018, 27, 612-620.	1.9	3
39	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
40	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
41	Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages. Frontiers in Physiology, 2018, 9, 424.	2.8	73
42	Prediction of RNA-protein sequence and structure binding preferences using deep convolutional and recurrent neural networks. BMC Genomics, 2018, 19, 511.	2.8	197
43	A Methodology to Perform Semi-automatic Distributed EHR Database Queries. , 2018, , .		2
44	Use of azithromycin and risk of ventricular arrhythmia. Cmaj, 2017, 189, E560-E568.	2.0	42
45	[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
46	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
47	Validation of automatic measurement of QT interval variability. PLoS ONE, 2017, 12, e0175087.	2.5	6
48	Identifying Cases of Type 2 Diabetes in Heterogeneous Data Sources: Strategy from the EMIF Project. PLoS ONE, 2016, 11, e0160648.	2.5	20
49	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
50	Thyroid Function and Sudden Cardiac Death. Circulation, 2016, 134, 713-722.	1.6	89
51	Chronic obstructive pulmonary disease and sudden cardiac death: the Rotterdam study. European Heart Journal, 2015, 36, 1754-1761.	2.2	91
52	Observational Health Data Sciences and Informatics (OHDSI): Opportunities for Observational Researchers. Studies in Health Technology and Informatics, 2015, 216, 574-8.	0.3	533
53	Converting to a Common Data Model: What is Lost in Translation?. Drug Safety, 2014, 37, 893-896.	3.2	23
54	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

#	ARTICLE	IF	CITATIONS
55	Normal values of the electrocardiogram for ages 16–90years. Journal of Electrocardiology, 2014, 47, 914-921.	0.9	136
56	Finding a short and accurate decision rule in disjunctive normal form by exhaustive search. Machine Learning, 2010, 80, 33-62.	5.4	17
57	Electrocardiographic Criteria for Left Ventricular Hypertrophy in Children. Pediatric Cardiology, 2008, 29, 923-928.	1.3	36
58	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