

David van Klaveren

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

5,389
citations

147726

31
h-index

88593

70
g-index

106
all docs

106
docs citations

106
times ranked

7962
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation and validation of the predicting bleeding complications in patients undergoing stent implantation and subsequent dual antiplatelet therapy (PRECISE-DAPT) score: a pooled analysis of individual-patient datasets from clinical trials. <i>Lancet, The</i> , 2017, 389, 1025-1034.	6.3	840
2	Anatomical and clinical characteristics to guide decision making between coronary artery bypass surgery and percutaneous coronary intervention for individual patients: development and validation of SYNTAX score II. <i>Lancet, The</i> , 2013, 381, 639-650.	6.3	679
3	Alternative Fistula Risk Score for Pancreatoduodenectomy (a-FRS). <i>Annals of Surgery</i> , 2019, 269, 937-943.	2.1	257
4	Carotid intima-media thickness for cardiovascular risk assessment: Systematic review and meta-analysis. <i>Atherosclerosis</i> , 2013, 228, 1-11.	0.4	239
5	Personalized evidence based medicine: predictive approaches to heterogeneous treatment effects. <i>BMJ: British Medical Journal</i> , 2018, 363, k4245.	2.4	234
6	Prevention of incisional hernia with prophylactic onlay and sublay mesh reinforcement versus primary suture only in midline laparotomies (PRIMA): 2-year follow-up of a multicentre, double-blind, randomised controlled trial. <i>Lancet, The</i> , 2017, 390, 567-576.	6.3	221
7	Dual Antiplatelet Therapy Duration Based on Ischemic and Bleeding Risks After Coronary Stenting. <i>Journal of the American College of Cardiology</i> , 2019, 73, 741-754.	1.2	218
8	The Predictive Approaches to Treatment effect Heterogeneity (PATH) Statement. <i>Annals of Internal Medicine</i> , 2020, 172, 35.	2.0	203
9	Postoperative Mortality after Liver Resection for Perihilar Cholangiocarcinoma: Development of a Risk Score and Importance of Biliary Drainage of the Future Liver Remnant. <i>Journal of the American College of Surgeons</i> , 2016, 223, 321-331e1.	0.2	161
10	Health-related quality of life after TBI: a systematic review of study design, instruments, measurement properties, and outcome. <i>Population Health Metrics</i> , 2015, 13, 4.	1.3	144
11	Redevelopment and validation of the SYNTAX score II to individualise decision making between percutaneous and surgical revascularisation in patients with complex coronary artery disease: secondary analysis of the multicentre randomised controlled SYNTAXES trial with external cohort validation. <i>Lancet, The</i> , 2020, 396, 1399-1412.	6.3	120
12	Smoking Is Associated With Adverse Clinical Outcomes in Patients Undergoing Revascularization With PCI or CABG. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1107-1115.	1.2	99
13	Long-term forecasting and comparison of mortality in the Evaluation of the Xience Everolimus Eluting Stent vs. Coronary Artery Bypass Surgery for Effectiveness of Left Main Revascularization (EXCEL) trial: prospective validation of the SYNTAX Score II. <i>European Heart Journal</i> , 2015, 36, 1231-1241.	1.0	98
14	A Novel Less-invasive Approach for Axillary Staging After Neoadjuvant Chemotherapy in Patients With Axillary Node-positive Breast Cancer by Combining Radioactive Iodine Seed Localization in the Axilla With the Sentinel Node Procedure (RISAS): A Dutch Prospective Multicenter Validation Study. <i>Clinical Breast Cancer</i> , 2017, 17, 399-402.	1.1	91
15	Graphical calibration curves and the integrated calibration index (ICI) for survival models. <i>Statistics in Medicine</i> , 2020, 39, 2714-2742.	0.8	88
16	Risk-Targeted Lung Cancer Screening. <i>Annals of Internal Medicine</i> , 2018, 168, 161.	2.0	85
17	The Predictive Approaches to Treatment effect Heterogeneity (PATH) Statement: Explanation and Elaboration. <i>Annals of Internal Medicine</i> , 2020, 172, W1.	2.0	83
18	Predictive Performance of SYNTAX Score II in Patients With Left Main and Multivessel Coronary Artery Disease. <i>Circulation Journal</i> , 2014, 78, 1942-1949.	0.7	64

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19	Risk stratification of sentinel nodeâ€“positive melanoma patients defines surgical management and adjuvant therapy treatment considerations. <i>European Journal of Cancer</i> , 2018, 96, 25-33.	1.3	59
20	The proposed â€“concordance-statistic for benefitâ€™™ provided a useful metric when modeling heterogeneous treatment effects. <i>Journal of Clinical Epidemiology</i> , 2018, 94, 59-68.	2.4	55
21	Geographic and temporal validity of prediction models: different approaches were useful to examine model performance. <i>Journal of Clinical Epidemiology</i> , 2016, 79, 76-85.	2.4	54
22	Models with interactions overestimated heterogeneity of treatment effects and were prone to treatment mistargeting. <i>Journal of Clinical Epidemiology</i> , 2019, 114, 72-83.	2.4	53
23	Predicting 3-Year Mortality After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 464-470.	1.1	50
24	The influence of poor health on competing exit routes from paid employment among older workers in 11 European countries. <i>Scandinavian Journal of Work, Environment and Health</i> , 2017, 43, 24-33.	1.7	50
25	Individual Long-Term Mortality Prediction Following Either Coronary Stenting or Bypass Surgery in Patients With Multivessel and/or Unprotected Left Main Disease. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1564-1572.	1.1	45
26	Preterm neonates benefit from low prophylactic platelet transfusion threshold despite varying risk of bleeding or death. <i>Blood</i> , 2019, 134, 2354-2360.	0.6	41
27	Assessing discriminative ability of risk models in clustered data. <i>BMC Medical Research Methodology</i> , 2014, 14, 5.	1.4	40
28	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 235-251.	1.7	39
29	A new concordance measure for risk prediction models in external validation settings. <i>Statistics in Medicine</i> , 2016, 35, 4136-4152.	0.8	38
30	Factors Predicting Lower Leg Chronic Exertional Compartment Syndrome in a Large Population. <i>International Journal of Sports Medicine</i> , 2018, 39, 58-66.	0.8	36
31	A prediction model for neonatal mortality in low- and middle-income countries: an analysis of data from population surveillance sites in India, Nepal and Bangladesh. <i>International Journal of Epidemiology</i> , 2019, 48, 186-198.	0.9	35
32	Estimates of absolute treatment benefit for individual patients required careful modeling of statistical interactions. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1366-1374.	2.4	34
33	Prognostic Value of Pretreatment Pathological Tumor Extent in Patients Treated With Neoadjuvant Chemoradiotherapy Plus Surgery for Esophageal or Junctional Cancer. <i>Annals of Surgery</i> , 2017, 265, 356-362.	2.1	34
34	Validation of prediction models: examining temporal and geographic stability of baseline risk and estimated covariate effects. <i>Diagnostic and Prognostic Research</i> , 2017, 1, 12.	0.8	34
35	Impact of Surgical Approach on Long-term Survival in Esophageal Adenocarcinoma Patients With or Without Neoadjuvant Chemoradiotherapy. <i>Annals of Surgery</i> , 2018, 267, 892-897.	2.1	34
36	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 3315-3331.	1.7	34

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37	Predictive approaches to heterogeneous treatment effects: a scoping review. BMC Medical Research Methodology, 2020, 20, 264.	1.4	32
38	External Validations of Cardiovascular Clinical Prediction Models: A Large-Scale Review of the Literature. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007858.	0.9	32
39	Geographical Difference of the Interaction of Sex With Treatment Strategy in Patients With Multivessel Disease and Left Main Disease. Circulation: Cardiovascular Interventions, 2017, 10, .	1.4	31
40	Sex Differences in All-Cause Mortality in the Decade Following Complex Coronary Revascularization. Journal of the American College of Cardiology, 2020, 76, 889-899.	1.2	30
41	External Validation of the SYNTAX Score II 2020. Journal of the American College of Cardiology, 2021, 78, 1227-1238.	1.2	30
42	Large-scale validation of the prediction model risk of bias assessment Tool (PROBAST) using a short form: high risk of bias models show poorer discrimination. Journal of Clinical Epidemiology, 2021, 138, 32-39.	2.4	29
43	Validity of SYNTAX score II for risk stratification of percutaneous coronary interventions: A patient-level pooled analysis of 5433 patients enrolled in contemporary coronary stent trials. International Journal of Cardiology, 2015, 187, 111-115.	0.8	26
44	The SYNTAX score on its way out or towards artificial intelligence: part I. EuroIntervention, 2020, 16, 44-59.	1.4	26
45	Multistate Model to Predict Heart Failure Hospitalizations and All-Cause Mortality in Outpatients With Heart Failure With Reduced Ejection Fraction. Circulation: Heart Failure, 2016, 9, .	1.6	25
46	Generalizability of Cardiovascular Disease Clinical Prediction Models: 158 Independent External Validations of 104 Unique Models. Circulation: Cardiovascular Quality and Outcomes, 2022, 15, 101161CIRCOUTCOMES121008487.	0.9	21
47	Prediction of Global Functional Outcome and Post-Concussive Symptoms after Mild Traumatic Brain Injury: External Validation of Prognostic Models in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. Journal of Neurotrauma, 2021, 38, 196-209.	1.7	20
48	Predictive ability of ACEF and ACEF II score in patients undergoing percutaneous coronary intervention in the GLOBAL LEADERS study. International Journal of Cardiology, 2019, 286, 43-50.	0.8	19
49	The SYNTAX score on its way out or towards artificial intelligence: part II. EuroIntervention, 2020, 16, 60-75.	1.4	18
50	A 4-item PRECISE-DAPT score for dual antiplatelet therapy duration decision-making. American Heart Journal, 2020, 223, 44-47.	1.2	17
51	A Dutch Prediction Tool to Assess the Risk of Additional Axillary Non-Sentinel Lymph Node Involvement in Sentinel Node-Positive Breast Cancer Patients. Clinical Breast Cancer, 2016, 16, 123-130.	1.1	16
52	Validation of the updated logistic clinical SYNTAX score for all-cause mortality in the GLOBAL LEADERS trial. EuroIntervention, 2019, 15, e539-e546.	1.4	16
53	Cost-effectiveness of percutaneous coronary intervention versus bypass surgery from a Dutch perspective. Heart, 2015, 101, 1980-1988.	1.2	15
54	SYNTAX score II Authors' reply. Lancet, The, 2013, 381, 1899-1900.	6.3	13

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55	Statistical methods for composite endpoints. <i>EuroIntervention</i> , 2021, 16, e1484-e1495.	1.4	13
56	Dutch trauma system performance: Are injured patients treated at the right place?. <i>Injury</i> , 2021, 52, 1688-1696.	0.7	13
57	Graphical calibration curves and the integrated calibration index (ICI) for competing risk models. <i>Diagnostic and Prognostic Research</i> , 2022, 6, 2.	0.8	13
58	Prediction of radial crossover in acute coronary syndromes: derivation and validation of the MATRIX score. <i>EuroIntervention</i> , 2021, 17, e971-e980.	1.4	13
59	Prediction of Multiple Recurrent Events: A Comparison of Extended Cox Models in Bladder Cancer. <i>American Journal of Epidemiology</i> , 2017, 186, 612-623.	1.6	12
60	Development of prognostic models for Health-Related Quality of Life following traumatic brain injury. <i>Quality of Life Research</i> , 2022, 31, 451-471.	1.5	12
61	COVID outcome prediction in the emergency department (COPE): using retrospective Dutch hospital data to develop simple and valid models for predicting mortality and need for intensive care unit admission in patients who present at the emergency department with suspected COVID-19. <i>BMJ Open</i> , 2021, 11, e051468.	0.8	12
62	Preoperative Risk Score to Predict Occult Metastatic or Locally Advanced Disease in Patients with Resectable Perihilar Cholangiocarcinoma on Imaging. <i>Journal of the American College of Surgeons</i> , 2018, 227, 238-246e2.	0.2	11
63	Predicting the extent of nodal involvement for node positive breast cancer patients: Development and validation of a novel tool. <i>Journal of Surgical Oncology</i> , 2019, 120, 578-586.	0.8	11
64	Comparative Methodological Assessment of the Randomized GLOBAL LEADERS Trial Using Total Ischemic and Bleeding Events. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006660.	0.9	11
65	The EORTC-DeCOG nomogram adequately predicts outcomes of patients with sentinel nodeâ€“positive melanoma without the need for completion lymph node dissection. <i>European Journal of Cancer</i> , 2020, 134, 9-18.	1.3	11
66	Concerns with the new SYNTAX score â€“ Authors' reply. <i>Lancet, The</i> , 2021, 397, 795-796.	6.3	11
67	Impact of non-respect of SYNTAX score II recommendation for surgery in patients with left main coronary artery disease treated by percutaneous coronary intervention: an EXCEL substudy. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 676-683.	0.6	10
68	Impact of chronic obstructive pulmonary disease on 10-year mortality after percutaneous coronary intervention and bypass surgery for complex coronary artery disease: insights from the SYNTAX Extended Survival study. <i>Clinical Research in Cardiology</i> , 2021, 110, 1083-1095.	1.5	10
69	The evolution of the loss of life expectancy in patients with chronic myeloid leukaemia: a populationâ€“based study in the Netherlands, 1989â€“2018. <i>British Journal of Haematology</i> , 2022, 196, 1219-1224.	1.2	10
70	Interpretation of concordance measures for clustered data. <i>Statistics in Medicine</i> , 2014, 33, 714-716.	0.8	8
71	Prediction of <i>Chlamydia trachomatis</i> infection to facilitate selective screening on population and individual level: a cross-sectional study of a population-based screening programme. <i>Sexually Transmitted Infections</i> , 2016, 92, 433-440.	0.8	7
72	The calibrated model-based concordance improved assessment of discriminative ability in patient clusters of limited sample size. <i>Diagnostic and Prognostic Research</i> , 2019, 3, 11.	0.8	6

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73	External Validation of Pretreatment Pathological Tumor Extent in Patients with Neoadjuvant Chemoradiotherapy Plus Surgery for Esophageal Cancer. <i>Annals of Surgical Oncology</i> , 2020, 27, 1250-1258.	0.7	6
74	Predicting 2-year all-cause mortality after contemporary <sc>PCI</sc>: Updating the logistic clinical <sc>SYNTAX</sc> score. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1287-1297.	0.7	6
75	Identifying trauma patients with benefit from direct transportation to Level-1 trauma centers. <i>BMC Emergency Medicine</i> , 2021, 21, 93.	0.7	6
76	Impact of preprocedural biological markers on 10-year mortality in the SYNTAXES trial. <i>EuroIntervention</i> , 2022, 17, 1477-1487.	1.4	6
77	Discrepancy between disability and reported well-being after traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 785-796.	0.9	6
78	Research Note: Prognostic model research: overfitting, validation and application. <i>Journal of Physiotherapy</i> , 2019, 65, 243-245.	0.7	5
79	Long-Term Bleeding Risk Prediction with Dual Antiplatelet Therapy After Acute Coronary Syndromes Treated Without Revascularization. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006582.	0.9	5
80	Biases in Individualized Cost-effectiveness Analysis: Influence of Choices in Modeling Short-Term, Trial-Based, Mortality Risk Reduction and Post-Trial Life Expectancy. <i>Medical Decision Making</i> , 2017, 37, 770-778.	1.2	4
81	The Predictive Approaches to Treatment effect Heterogeneity (PATH) Statement. <i>Annals of Internal Medicine</i> , 2020, 172, 776.	2.0	4
82	Early strut protrusion and late neointima thickness in the Absorb bioresorbable scaffold: a serial wall shear stress analysis up to five years. <i>EuroIntervention</i> , 2019, 15, e370-e379.	1.4	4
83	Modification of the TRISS: simple and practical mortality prediction after trauma in an all-inclusive registry. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 3949-3959.	0.8	4
84	Preconception and early-pregnancy risk prediction for birth complications: development of prediction models within a population-based prospective cohort. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 165.	0.9	4
85	Digoxin Benefit Varies by Risk of Heart Failure Hospitalization: Applying the Tufts MC HF Risk Model. <i>American Journal of Medicine</i> , 2018, 131, 676-683.e2.	0.6	3
86	Pneumonectomy for Lung Cancer Treatment in The Netherlands: Between Hospital Variation and Outcomes. <i>World Journal of Surgery</i> , 2020, 44, 285-294.	0.8	3
87	Tuning and external validation of an adult congenital heart disease risk prediction model. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2022, 8, 70-78.	1.8	3
88	External Validation of the FREEDOM Score for Individualized Decision Making Between CABG and PCI. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1458-1473.	1.2	3
89	Use of Prediction Rules in Control of Sexually Transmitted Infections. <i>Sexually Transmitted Diseases</i> , 2014, 41, 331-332.	0.8	2
90	Re: Selecting Optimal Subgroups for Treatment Using Many Covariates. <i>Epidemiology</i> , 2020, 31, e30-e31.	1.2	2

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91	Targeting of the diabetes prevention program leads to substantial benefits when capacity is constrained. <i>Acta Diabetologica</i> , 2021, 58, 707-722.	1.2	2
92	Prediction of Cardiovascular Disease Mortality in a Middle Eastern Country: Performance of the Globorisk and Score Functions in Four Population-Based Cohort Studies of Iran. <i>International Journal of Health Policy and Management</i> , 2020, , .	0.5	2
93	Refining the American guidelines for prevention of cardiovascular disease. <i>Lancet, The</i> , 2014, 383, 598.	6.3	1
94	Reply. <i>Journal of the American College of Cardiology</i> , 2019, 74, 162-163.	1.2	1
95	PREDICTIVE ABILITY OF THE PARIS RISK SCORE IN ALL-COMERS PATIENTS UNDERGOING PCI WITH DRUG ELUTING STENTS: EXTERNAL VALIDATION IN THE GLOBAL LEADERS STUDY. <i>Journal of the American College of Cardiology</i> , 2019, 73, 245.	1.2	1
96	Personalized Decision Making on Genomic Testing in Early Breast Cancer: Expanding the MINDACT Trial with Decision-Analytic Modeling. <i>Medical Decision Making</i> , 2021, 41, 354-365.	1.2	1
97	External validation of prognostic models predicting outcome after chronic subdural hematoma. <i>Acta Neurochirurgica</i> , 2022, , 1.	0.9	1
98	3385 TARGETING DIABETES PREVENTION PROGRAMS: INDIVIDUAL RISK-BASED HEALTH ECONOMIC ANALYSIS. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 155-156.	0.3	0
99	An Electronic Health Recordâ€Compatible Model to Predict Personalized Treatment Effects From the Diabetes Prevention Program: A Cross-Evidence Synthesis Approach Using Clinical Trial and Real-World Data. <i>Mayo Clinic Proceedings</i> , 2022, 97, 703-715.	1.4	0