

# David C Benkeser

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

4,201  
citations

279487

23  
h-index

174990

52  
g-index

69  
all docs

69  
docs citations

69  
times ranked

7099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing differential impacts of COVID-19 on black communities. <i>Annals of Epidemiology</i> , 2020, 47, 37-44.	0.9	944
2	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2022, 375, 43-50.	6.0	788
3	Phase 3 Safety and Efficacy of AZD1222 (ChAdOx1 nCoV-19) Covid-19 Vaccine. <i>New England Journal of Medicine</i> , 2021, 385, 2348-2360.	13.9	458
4	Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. <i>New England Journal of Medicine</i> , 2015, 373, 2025-2037.	13.9	332
5	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2021, , eab3435.	6.0	145
6	Vaccine Efficacy of ALVAC-HIV and Bivalent Subtype C gp120â€MF59 in Adults. <i>New England Journal of Medicine</i> , 2021, 384, 1089-1100.	13.9	144
7	Acute disseminated encephalomyelitis in 228 patients. <i>Neurology</i> , 2016, 86, 2085-2093.	1.5	104
8	Plasma Free Fatty Acids and Risk of Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 964-969.	1.6	93
9	Associations of Total and High-Molecular-Weight Adiponectin With All-Cause and Cardiovascular Mortality in Older Persons. <i>Circulation</i> , 2012, 126, 2951-2961.	1.6	87
10	Clinical Endpoints for Evaluating Efficacy in COVID-19 Vaccine Trials. <i>Annals of Internal Medicine</i> , 2021, 174, 221-228.	2.0	86
11	Advanced glycation/glycoxidation endproduct carboxymethyl-lysine and incidence of coronary heart disease and stroke in older adults. <i>Atherosclerosis</i> , 2014, 235, 116-121.	0.4	62
12	Viral genetic diversity and protective efficacy of a tetravalent dengue vaccine in two phase 3 trials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8378-E8387.	3.3	57
13	Testing the Efficacy of a Social Networking Gamification App to Improve Pre-Exposure Prophylaxis Adherence (P3: Prepared, Protected, emPowered): Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2018, 7, e10448.	0.5	54
14	The Highly Adaptive Lasso Estimator. , 2016, 2016, 689-696.		53
15	Total and High-Molecular-Weight Adiponectin and Risk of Incident Diabetes in Older People. <i>Diabetes Care</i> , 2012, 35, 415-423.	4.3	49
16	Potential Influence of Advance Care Planning and Palliative Care Consultation on ICU Costs for Patients With Chronic and Serious Illness*. <i>Critical Care Medicine</i> , 2016, 44, 1474-1481.	0.4	48
17	Patterns of Cost for Patients Dying in the Intensive Care Unit and Implications for Cost Savings of Palliative Care Interventions. <i>Journal of Palliative Medicine</i> , 2016, 19, 1171-1178.	0.6	47
18	Cross-national comparison of screening mammography accuracy measures in U.S., Norway, and Spain. <i>European Radiology</i> , 2016, 26, 2520-2528.	2.3	47

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19	Total and High-Molecular-Weight Adiponectin and Risk of Coronary Heart Disease and Ischemic Stroke in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 255-263.	1.8	42
20	Relations of Plasma Total and High-Molecular-Weight Adiponectin to New-Onset Heart Failure in Adults $\geq 65$ Years of Age (from the Cardiovascular Health Study). <i>American Journal of Cardiology</i> , 2014, 113, 328-334.	0.7	39
21	Travel Burden to Breast MRI and Utilization: Are Risk and Sociodemographics Related?. <i>Journal of the American College of Radiology</i> , 2016, 13, 611-619.	0.9	37
22	Association of sleep apnea and sleep duration with peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2016, 251, 467-475.	0.4	37
23	Improving precision and power in randomized trials for COVID-19 treatments using covariate adjustment, for binary, ordinal, and time-to-event outcomes. <i>Biometrics</i> , 2021, 77, 1467-1481.	0.8	37
24	Online cross-validation-based ensemble learning. <i>Statistics in Medicine</i> , 2018, 37, 249-260.	0.8	31
25	Prediction of VRC01 neutralization sensitivity by HIV-1 gp160 sequence features. <i>PLoS Computational Biology</i> , 2019, 15, e1006952.	1.5	25
26	Improved estimation of the cumulative incidence of rare outcomes. <i>Statistics in Medicine</i> , 2018, 37, 280-293.	0.8	20
27	End-of-Life Expenditure in the ICU and Perceived Quality of Dying. <i>Chest</i> , 2014, 146, 1594-1603.	0.4	15
28	Estimating and Testing Vaccine Sieve Effects Using Machine Learning. <i>Journal of the American Statistical Association</i> , 2019, 114, 1038-1049.	1.8	15
29	Efficient nonparametric inference on the effects of stochastic interventions under two-phase sampling, with applications to vaccine efficacy trials. <i>Biometrics</i> , 2021, 77, 1241-1253.	0.8	15
30	A Deferred-Vaccination Design to Assess Durability of COVID-19 Vaccine Effect After the Placebo Group Is Vaccinated. <i>Annals of Internal Medicine</i> , 2021, 174, 1118-1125.	2.0	15
31	Acute disseminated encephalomyelitis: prognostic value of early follow-up brain MRI. <i>Journal of Neurology</i> , 2017, 264, 1754-1762.	1.8	14
32	Accounting for motion in resting-state fMRI: What part of the spectrum are we characterizing in autism spectrum disorder?. <i>NeuroImage</i> , 2022, 257, 119296.	2.1	13
33	Improved Small-Sample Estimation of Nonlinear Cross-Validated Prediction Metrics. <i>Journal of the American Statistical Association</i> , 2020, 115, 1917-1932.	1.8	12
34	Robust inference on the average treatment effect using the outcome highly adaptive lasso. <i>Biometrics</i> , 2020, 76, 109-118.	0.8	12
35	Helping individuals with firearm injuries: A cluster randomized trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 722-730.	1.1	12
36	Comparing methods to address bias in observational data: statin use and cardiovascular events in a US cohort. <i>International Journal of Epidemiology</i> , 2018, 47, 246-254.	0.9	11

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37	Analysis of the HIV Vaccine Trials Network 702 Phase 2bâ€“3 HIV-1 Vaccine Trial in South Africa Assessing RV144 Antibody and T-Cell Correlates of HIV-1 Acquisition Risk. <i>Journal of Infectious Diseases</i> , 2022, 226, 246-257.	1.9	11
38	Technology-Based Stepped Care to Stem Transgender Adolescent Risk Transmission: Protocol for a Randomized Controlled Trial (TechStep). <i>JMIR Research Protocols</i> , 2020, 9, e18326.	0.5	10
39	Super LeArner Prediction of NAb Panels (SLAPNAP): a containerized tool for predicting combination monoclonal broadly neutralizing antibody sensitivity. <i>Bioinformatics</i> , 2021, 37, 4187-4192.	1.8	9
40	Nonparametric inference for interventional effects with multiple mediators. <i>Journal of Causal Inference</i> , 2021, 9, 172-189.	0.5	7
41	Schistosoma mansoni Infection Is Associated With a Higher Probability of Tuberculosis Disease in HIV-Infected Adults in Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 157-163.	0.9	6
42	txshift: Efficient estimation of the causal effects of stochastic interventions in R. <i>Journal of Open Source Software</i> , 2020, 5, 2447.	2.0	6
43	Authorship trends in infectious diseases society of America affiliated journal articles conducted in low-income countries, 1998â€“2018. <i>PLOS Global Public Health</i> , 2022, 2, e0000275.	0.5	5
44	Characterizing Key Components of a Medical Home Among Rural Adolescents. <i>Journal of Adolescent Health</i> , 2016, 58, 141-147.	1.2	4
45	Design and Analysis Considerations for a Sequentially Randomized HIV Prevention Trial. <i>Statistics in Biosciences</i> , 2020, 12, 446-467.	0.6	4
46	A machine learning-based approach for estimating and testing associations with multivariate outcomes. <i>International Journal of Biostatistics</i> , 2021, 17, 7-21.	0.4	4
47	Transient renal enlargement in pediatric hematopoietic cell transplant recipients. <i>Pediatric Transplantation</i> , 2014, 18, 288-293.	0.5	3
48	Association Between Rotavirus Vaccination and Antibiotic Prescribing among Commercially Insured US Children, 2007-2018. <i>Open Forum Infectious Diseases</i> , 0, , .	0.4	3
49	Efficient estimation of pathwise differentiable target parameters with the undersmoothed highly adaptive lasso. <i>International Journal of Biostatistics</i> , 2022, .	0.4	3
50	90. A community Health Assessment of Medical Home Access Among Adolescents in Rural Washington State. <i>Journal of Adolescent Health</i> , 2015, 56, S48.	1.2	2
51	Highly Adaptive Lasso (HAL). <i>Springer Series in Statistics</i> , 2018, , 77-94.	0.9	1
52	Rejoinder: Improving precision and power in randomized trials for COVIDâ€“19 treatments using covariate adjustment, for binary, ordinal, and timeâ€“toâ€“event outcomes. <i>Biometrics</i> , 2021, 77, 1492-1494.	0.8	1
53	Pulmonary Hypertension. <i>Chest</i> , 2022, 161, 803-806.	0.4	1
54	Assessing trends in vaccine efficacy by pathogen genetic distance. <i>Journal De La SFdS</i> , 2020, 161, 164-175.	0.5	1

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55	Causal inference methods for vaccine sieve analysis with effect modification. <i>Statistics in Medicine</i> , 2022, 41, 1513-1524.	0.8	0
56	A two-stage super learner for healthcare expenditures. <i>Health Services and Outcomes Research Methodology</i> , 0, , .	0.8	0