

Ronald S Brookmeyer

List of Publications by Year in descending order

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93
papers

9,742
citations

94433

37
h-index

45317

90
g-index

99
all docs

99
docs citations

99
times ranked

13814
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting the global burden of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2007, 3, 186-191.	0.8	2,663
2	Global epidemiology of HIV infection in men who have sex with men. <i>Lancet</i> , 2012, 380, 367-377.	13.7	1,297
3	Estimation of HIV Incidence in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 520.	7.4	1,181
4	Dementia incidence continues to increase with age in the oldest old: The 90+ study. <i>Annals of Neurology</i> , 2010, 67, 114-121.	5.3	390
5	Survival Following a Diagnosis of Alzheimer Disease. <i>Archives of Neurology</i> , 2002, 59, 1764.	4.5	309
6	Forecasting the prevalence of preclinical and clinical Alzheimer's disease in the United States. <i>Alzheimer's and Dementia</i> , 2018, 14, 121-129.	0.8	309
7	National estimates of the prevalence of Alzheimer's disease in the United States. <i>Alzheimer's and Dementia</i> , 2011, 7, 61-73.	0.8	305
8	A Method for Obtaining Short-Term Projections and Lower Bounds on the Size of the AIDS Epidemic. <i>Journal of the American Statistical Association</i> , 1988, 83, 301-308.	3.1	261
9	Attributable risk of Alzheimer's dementia attributed to age-related neuropathologies. <i>Annals of Neurology</i> , 2019, 85, 114-124.	5.3	182
10	Worldwide variation in the doubling time of Alzheimer's disease incidence rates. <i>Alzheimer's and Dementia</i> , 2008, 4, 316-323.	0.8	159
11	Estimation of Current Human Immunodeficiency Virus Incidence Rates from a Cross-Sectional Survey Using Early Diagnostic Tests. <i>American Journal of Epidemiology</i> , 1995, 141, 166-172.	3.4	140
12	Effects of mid-point imputation on the analysis of doubly censored data. <i>Statistics in Medicine</i> , 1992, 11, 1569-1578.	1.6	138
13	Estimating incubation period distributions with coarse data. <i>Statistics in Medicine</i> , 2009, 28, 2769-2784.	1.6	116
14	Measuring the HIV/AIDS Epidemic: Approaches and Challenges. <i>Epidemiologic Reviews</i> , 2010, 32, 26-37.	3.5	107
15	Estimation of lifetime risks of Alzheimer's disease dementia using biomarkers for preclinical disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 981-988.	0.8	105
16	HIV Incidence Determination in the United States: A Multiassay Approach. <i>Journal of Infectious Diseases</i> , 2013, 207, 232-239.	4.0	94
17	Bivariate frailty model for the analysis of multivariate survival time. <i>Lifetime Data Analysis</i> , 1996, 2, 277-289.	0.9	88
18	Methods for projecting the incidence and prevalence of chronic diseases in ageing populations: application to Alzheimer's disease. <i>Statistics in Medicine</i> , 2000, 19, 1481-1493.	1.6	72

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19	Estimation of HIV Incidence Using Multiple Biomarkers. American Journal of Epidemiology, 2013, 177, 264-272.	3.4	70
20	Modeling the optimum duration of antibiotic prophylaxis in an anthrax outbreak. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10129-10132.	7.1	69
21	Estimating HIV incidence in the United States from HIV/AIDS surveillance data and biomarker HIV test results. Statistics in Medicine, 2008, 27, 4617-4633.	1.6	65
22	Simulations for designing and interpreting intervention trials in infectious diseases. BMC Medicine, 2017, 15, 223.	5.5	64
23	Creating a Framework for Conducting Randomized Clinical Trials during Disease Outbreaks. New England Journal of Medicine, 2020, 382, 1366-1369.	27.0	63
24	Modelling the incubation period of anthrax. Statistics in Medicine, 2005, 24, 531-542.	1.6	61
25	Prevention of Inhalational Anthrax in the U.S. Outbreak. Science, 2002, 295, 1861-1861.	12.6	58
26	Factors Associated with Incorrect Identification of Recent HIV Infection Using the BED Capture Immunoassay. AIDS Research and Human Retroviruses, 2012, 28, 816-822.	1.1	57
27	Performance of a Limiting-Antigen Avidity Enzyme Immunoassay for Cross-Sectional Estimation of HIV Incidence in the United States. PLoS ONE, 2013, 8, e82772.	2.5	57
28	Public health vaccination policies for containing an anthrax outbreak. Nature, 2004, 432, 901-904.	27.8	54
29	Simplified HIV Testing and Treatment in China: Analysis of Mortality Rates Before and After a Structural Intervention. PLoS Medicine, 2015, 12, e1001874.	8.4	52
30	A Method for Obtaining Short-Term Projections and Lower Bounds on the Size of the AIDS Epidemic. Journal of the American Statistical Association, 1988, 83, 301.	3.1	50
31	Immediate Antiretroviral Therapy Decreases Mortality Among Patients With High CD4 Counts in China: A Nationwide, Retrospective Cohort Study. Clinical Infectious Diseases, 2018, 66, 727-734.	5.8	46
32	Snapshot Estimators of Recent HIV Incidence Rates. Operations Research, 1999, 47, 29-37.	1.9	45
33	Cross-Sectional HIV Incidence Estimation in HIV Prevention Research. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, S233-S239.	2.1	43
34	Use of a Multifaceted Approach to Analyze HIV Incidence in a Cohort Study of Women in the United States: HIV Prevention Trials Network 064 Study. Journal of Infectious Diseases, 2013, 207, 223-231.	4.0	42
35	Combination HIV Prevention among MSM in South Africa: Results from Agent-based Modeling. PLoS ONE, 2014, 9, e112668.	2.5	42
36	Design of vaccine efficacy trials during public health emergencies. Science Translational Medicine, 2019, 11, .	12.4	41

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37	Specificity of Four Laboratory Approaches for Cross-Sectional HIV Incidence Determination: Analysis of Samples from Adults with Known Nonrecent HIV Infection from Five African Countries. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1177-1183.	1.1	40
38	Effect of Natural and ARV-Induced Viral Suppression and Viral Breakthrough on Anti-HIV Antibody Proportion and Avidity in Patients with HIV-1 Subtype B Infection. <i>PLoS ONE</i> , 2013, 8, e55525.	2.5	40
39	Substantial improvements not seen in health behaviors following corner store conversions in two Latino food swamps. <i>BMC Public Health</i> , 2016, 16, 389.	2.9	40
40	Estimating HIV incidence among key affected populations in China from serial cross-sectional surveys in 2010-2014. <i>Journal of the International AIDS Society</i> , 2016, 19, 20609.	3.0	39
41	Should biomarker estimates of HIV incidence be adjusted?. <i>Aids</i> , 2009, 23, 485-491.	2.2	38
42	Brief Report: Recent Methamphetamine Use Is Associated With Increased Rectal Mucosal Inflammatory Cytokines, Regardless of HIV-1 Serostatus. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 119-123.	2.1	37
43	Impact of interventions to reduce Alzheimer's disease pathology on the prevalence of dementia in the oldest-old. <i>Alzheimer's and Dementia</i> , 2016, 12, 225-232.	0.8	34
44	Corner Store Inventories, Purchases, and Strategies for Intervention: A Review of the Literature. <i>Californian Journal of Health Promotion</i> , 2013, 11, 1-13.	0.3	33
45	Depressive symptoms and substance use: Changes overtime among a cohort of HIV-positive and HIV-negative MSM. <i>Drug and Alcohol Dependence</i> , 2020, 207, 107770.	3.2	28
46	Racial and Ethnic Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: An Analysis of 45 States and the District of Columbia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2921.	2.6	28
47	Psychiatric Illness, Substance Use, and Viral Suppression Among HIV-Positive Men of Color Who Have Sex with Men in Los Angeles. <i>AIDS and Behavior</i> , 2018, 22, 3117-3129.	2.7	27
48	Language use affects food behaviours and food values among Mexican-origin adults in the USA. <i>Public Health Nutrition</i> , 2015, 18, 264-274.	2.2	26
49	Multidimensional Longitudinal Data: Estimating a Treatment Effect from Continuous, Discrete, or Time-to-Event Response Variables. <i>Journal of the American Statistical Association</i> , 2000, 95, 396-406.	3.1	25
50	Modeling the Effect of Alzheimer's Disease on Mortality. <i>International Journal of Biostatistics</i> , 2007, 3, Article 13.	0.7	25
51	On the Statistical Accuracy of Biomarker Assays for HIV Incidence. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010, 54, 406-414.	2.1	25
52	Nationwide Cohort Study of Antiretroviral Therapy Timing: Treatment Dropout and Virological Failure in China, 2011-2015. <i>Clinical Infectious Diseases</i> , 2019, 68, 43-50.	5.8	21
53	Statistical Models and Bioterrorism. <i>Journal of the American Statistical Association</i> , 2003, 98, 781-788.	3.1	20
54	Web-based application to project the burden of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2010, 6, 425-428.	0.8	20

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55	HIV Diversity as a Biomarker for HIV Incidence Estimation: Including a High-Resolution Melting Diversity Assay in a Multiassay Algorithm. <i>Journal of Clinical Microbiology</i> , 2014, 52, 115-121.	3.9	19
56	Sibanye Methods for Prevention Packages Program Project Protocol: Pilot Study of HIV Prevention Interventions for Men Who Have Sex With Men in South Africa. <i>JMIR Research Protocols</i> , 2014, 3, e55.	1.0	18
57	A corner store intervention to improve access to fruits and vegetables in two Latino communities. <i>Public Health Nutrition</i> , 2017, 20, 2249-2259.	2.2	17
58	Evaluation of Selective Survival and Sex/Gender Differences in Dementia Incidence Using a Simulation Model. <i>JAMA Network Open</i> , 2021, 4, e211001.	5.9	17
59	A Comparison of Two Measures of HIV Diversity in Multi-Assay Algorithms for HIV Incidence Estimation. <i>PLoS ONE</i> , 2014, 9, e101043.	2.5	16
60	Design and sample size considerations for Alzheimer's disease prevention trials using multistate models. <i>Clinical Trials</i> , 2019, 16, 111-119.	1.6	15
61	Multistate models and lifetime risk estimation: Application to Alzheimer's disease. <i>Statistics in Medicine</i> , 2019, 38, 1558-1565.	1.6	14
62	Excess Patient Visits for Cough and Pulmonary Disease at a Large US Health System in the Months Prior to the COVID-19 Pandemic: Time-Series Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e21562.	4.3	14
63	Regression analysis of discrete time survival data under heterogeneity. , 1997, 16, 1983-1993.		13
64	Impact of Needle Exchange Programs on Adolescent Perceptions About Illicit Drug Use. <i>AIDS and Behavior</i> , 2001, 5, 379-386.	2.7	13
65	Neighborhood disadvantage and dementia incidence in a cohort of Asian American and non-Latino White older adults in Northern California. <i>Alzheimer's and Dementia</i> , 2023, 19, 296-306.	0.8	13
66	A Hypothesis Test for the End of a Common Source Outbreak. <i>Biometrics</i> , 2006, 62, 61-65.	1.4	10
67	Comparative impact of methamphetamine and other drug use on viral suppression among sexual minority men on antiretroviral therapy. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108622.	3.2	10
68	Confidence Intervals for Biomarker-based Human Immunodeficiency Virus Incidence Estimates and Differences using Prevalent Data. <i>American Journal of Epidemiology</i> , 2006, 165, 94-100.	3.4	9
69	Stochastic variation in network epidemic models: implications for the design of community level HIV prevention trials. <i>Statistics in Medicine</i> , 2014, 33, 3894-3904.	1.6	9
70	Fusion designs and estimators for treatment effects. <i>Statistics in Medicine</i> , 2021, 40, 3124-3137.	1.6	9
71	Response to correspondence on "Should Biomarker Estimates of HIV Incidence be Adjusted?". <i>Aids</i> , 2009, 23, 2066-2068.	2.2	8
72	Economic study of the value of expanding HCV treatment capacity in Germany. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000130.	2.7	8

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73	Pregnancy Does Not Affect HIV Incidence Test Results Obtained Using the BED Capture Enzyme Immunoassay or an Antibody Avidity Assay. <i>PLoS ONE</i> , 2010, 5, e13259.	2.5	7
74	A serial risk score approach to disease classification that accounts for accuracy and cost. <i>Biometrics</i> , 2014, 70, 1042-1051.	1.4	7
75	Aggregating data from COVID-19 trials. <i>Science</i> , 2020, 368, 1198-1199.	12.6	7
76	The value of surrogate endpoints for predicting real-world survival across five cancer types. <i>Current Medical Research and Opinion</i> , 2016, 32, 731-739.	1.9	6
77	Statistical Considerations in Determining HIV Incidence from Changes in HIV Prevalence. <i>Statistical Communications in Infectious Diseases</i> , 2011, 3, .	0.2	4
78	A stochastic estimation procedure for intermittently-observed semi-Markov multistate models with back transitions. <i>Statistical Methods in Medical Research</i> , 2019, 28, 770-787.	1.5	4
79	Associations of social capital resources and experiences of homophobia with HIV transmission risk behavior and HIV care continuum among men who have sex with men in Los Angeles. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021, 33, 663-674.	1.2	4
80	The role of nativity in heterogeneous dementia incidence in a large cohort of three Asian American groups and white older adults in California. <i>Alzheimer's and Dementia</i> , 2022, 18, 1580-1585.	0.8	4
81	Survival curve estimation with partial non-random exposure information. <i>Statistics in Medicine</i> , 2002, 21, 2671-2683.	1.6	3
82	Sample Size Methods for Estimating HIV Incidence from Cross-sectional Surveys. <i>Biometrics</i> , 2015, 71, 1121-1129.	1.4	3
83	Overrepresentation of Injection Drug Use Route of Infection Among Human Immunodeficiency Virus Long-term Nonprogressors: A Nationwide, Retrospective Cohort Study in China, 1989â€“2016. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz182.	0.9	2
84	Commentary on the role of statisticians in pandemics. <i>Statistics in Medicine</i> , 2021, 40, 2521-2523.	1.6	2
85	Regression with intervalâ€“censored covariates: Application to crossâ€“sectional incidence estimation. <i>Biometrics</i> , 2022, 78, 908-921.	1.4	2
86	Multidimensional Longitudinal Data: Estimating a Treatment Effect from Continuous, Discrete, or Time-to-Event Response Variables. <i>Journal of the American Statistical Association</i> , 2000, 95, 396.	3.1	2
87	Biosecurity and the role of statisticians. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2005, 168, 263-266.	1.1	1
88	Measuring concurrency using a joint multistate and point process model for retrospective sexual history data. <i>Statistics in Medicine</i> , 2016, 35, 4459-4473.	1.6	1
89	Crossâ€“sectional HIV incidence estimation in an evolving epidemic. <i>Statistics in Medicine</i> , 2019, 38, 3614-3627.	1.6	1
90	A Method for Estimating the Proportion of HIV-Infected Persons That Have Been Diagnosed and Application to China. <i>Statistics in Biosciences</i> , 2020, 12, 267-278.	1.2	1

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91	Male-Female Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: A State-by-State Analysis. Applied Sciences (Switzerland), 2021, 11, 7403.	2.5	1
92	Invited Commentary on "A Short Method for Constructing an Abridged Life Table", American Journal of Epidemiology, 1995, 141, 991-992.	3.4	0
93	Cross-Sectional HIV Incidence Estimation with Missing Biomarkers. Statistical Communications in Infectious Diseases, 2018, 10, .	0.2	0