

Joseph W Hogan

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

6,472
citations

94433

37
h-index

74163

75
g-index

127
all docs

127
docs citations

127
times ranked

9580
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence, incidence and chronicity of child abuse among orphaned, separated, and street-connected children and adolescents in western Kenya: What is the impact of care environment?. Child Abuse and Neglect, 2023, 139, 104920.	2.6	16
2	HIV-1 Treatment Failure, Drug Resistance, and Clinical Outcomes in Perinatally Infected Children and Adolescents Failing First-Line Antiretroviral Therapy in Western Kenya. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 89, 231-239.	2.1	9
3	Statewide Longitudinal Trends in Transmitted HIV-1 Drug Resistance in Rhode Island, USA. Open Forum Infectious Diseases, 2022, 9, ofab587.	0.9	1
4	Continuity of Care is Associated with Higher Appointment Adherence Among HIV Patients in Low Clinician-to-Patient Ratio Facilities in Western Kenya. AIDS and Behavior, 2022, , 1.	2.7	2
5	Beyond HIV outbreaks: protocol, rationale and implementation of a prospective study quantifying the benefit of incorporating viral sequence clustering analysis into routine public health interventions. BMJ Open, 2022, 12, e060184.	1.9	3
6	Nineteen Days in America. New England Journal of Medicine, 2022, 386, 2445-2449.	27.0	2
7	A Large, Simple Trial Leading to Complex Questions. New England Journal of Medicine, 2021, 384, 576-577.	27.0	22
8	Unifying instrumental variable and inverse probability weighting approaches for inference of causal treatment effect and unmeasured confounding in observational studies. Statistical Methods in Medical Research, 2021, 30, 671-686.	1.5	2
9	Seroprevalence of SARS-CoV-2 Antibodies in Rhode Island From a Statewide Random Sample. American Journal of Public Health, 2021, 111, 700-703.	2.7	17
10	Integrated community-based HIV and non-communicable disease care within microfinance groups in Kenya: study protocol for the Harambee cluster randomised trial. BMJ Open, 2021, 11, e042662.	1.9	5
11	Sex differences in health status, healthcare utilization, and costs among individuals with elevated blood pressure: the LARK study from Western Kenya. BMC Public Health, 2021, 21, 948.	2.9	4
12	Longitudinal typing of molecular HIV clusters in a statewide epidemic. Aids, 2021, 35, 1711-1722.	2.2	4
13	Microfinance, retention in care, and mortality among patients enrolled in HIV care in East Africa. Aids, 2021, 35, 1997-2005.	2.2	3
14	Framework for the treatment and reporting of missing data in observational studies: The Treatment And Reporting of Missing data in Observational Studies framework. Journal of Clinical Epidemiology, 2021, 134, 79-88.	5.0	133
15	Association of Care Environment With HIV Incidence and Death Among Orphaned, Separated, and Street-Connected Children and Adolescents in Western Kenya. JAMA Network Open, 2021, 4, e2125365.	5.9	10
16	Covid-19 Vaccine Effectiveness and the Test-Negative Design. New England Journal of Medicine, 2021, 385, 1431-1433.	27.0	122
17	Modeling the Impact of Social Determinants of Health on HIV. AIDS and Behavior, 2021, 25, 215-224.	2.7	17
18	Time to Eliminate Health Care Disparities in the Estimation of Kidney Function. New England Journal of Medicine, 2021, 385, 1804-1806.	27.0	26

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19	Egocentric social network characteristics and cardiovascular risk among patients with hypertension or diabetes in western Kenya: a cross-sectional analysis from the BIGPIC trial. <i>BMJ Open</i> , 2021, 11, e049610.	1.9	0
20	Preserving 2 decades of healthcare gains for Africa in the coronavirus disease 2019 era. <i>Aids</i> , 2020, 34, 1761-1763.	2.2	4
21	The Urgency of Care during the Covid-19 Pandemic “ Learning as We Go. <i>New England Journal of Medicine</i> , 2020, 382, 2461-2462.	27.0	41
22	Effects of social health insurance on access and utilization of obstetric health services: results from HIV+ pregnant women in Kenya. <i>BMC Public Health</i> , 2020, 20, 87.	2.9	15
23	Predictors of Health Insurance Enrollment among HIV Positive Pregnant Women in Kenya: Potential for Adverse Selection and Implications for HIV Treatment and Prevention. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2892.	2.6	4
24	Comparison of machine learning methods for predicting viral failure: a case study using electronic health record data. <i>Statistical Communications in Infectious Diseases</i> , 2020, 12, .	0.2	1
25	New Guidelines for Statistical Reporting in the <i>Journal</i>. <i>New England Journal of Medicine</i> , 2019, 381, 285-286.	27.0	233
26	Population-based estimates of engagement in HIV care and mortality using double-sampling methods following home-based counseling and testing in western Kenya. <i>PLoS ONE</i> , 2019, 14, e0223187.	2.5	1
27	Viral suppression among children and their caregivers living with HIV in western Kenya. <i>Journal of the International AIDS Society</i> , 2019, 22, e25272.	3.0	23
28	Response to Questionable assumptions mar modelling of Kenya home-based testing campaigns – a comment on “Optimal timing of HIV home-based counselling and testing rounds in Western Kenya” (Olney et al. 2018). <i>Journal of the International AIDS Society</i> , 2019, 22, e25231.	3.0	0
29	Evaluating a patient-centred intervention to increase disclosure and promote resilience for children living with HIV in Kenya. <i>Aids</i> , 2019, 33, S93-S101.	2.2	18
30	Hypertension Control and Retention in Care Among HIV-Infected Patients: The Effects of Co-located HIV and Chronic Noncommunicable Disease Care. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 399-406.	2.1	15
31	Classification using ensemble learning under weighted misclassification loss. <i>Statistics in Medicine</i> , 2019, 38, 2002-2012.	1.6	1
32	Fixed choice design and augmented fixed choice design for network data with missing observations. <i>Biostatistics</i> , 2019, 20, 97-110.	1.5	3
33	Causal Comparative Effectiveness Analysis of Dynamic Continuous-Time Treatment Initiation Rules With Sparsely Measured Outcomes and Death. <i>Biometrics</i> , 2019, 75, 695-707.	1.4	25
34	Community Health Workers Improve Linkage to Hypertension Care in Western Kenya. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1897-1906.	2.8	45
35	Bayesian methods for multiple mediators: Relating principal stratification and causal mediation in the analysis of power plant emission controls. <i>Annals of Applied Statistics</i> , 2019, 13, 1927-1956.	1.1	19
36	Comparison of HPV detection in HIV-infected and HIV-uninfected Kenyan women with or without cervical dysplasia.. <i>Journal of Clinical Oncology</i> , 2019, 37, e17015-e17015.	1.6	0

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37	Point of Diagnosis and Patient Retention in HIV Care in Western Kenya. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2018, 78, 383-389.	2.1	4
38	Modeling the Causal Effect of Treatment Initiation Time on Survival: Application to HIV/TB Co-infection. <i>Biometrics</i> , 2018, 74, 703-713.	1.4	24
39	A state transition framework for patient-level modeling of engagement and retention in HIV care using longitudinal cohort data. <i>Statistics in Medicine</i> , 2018, 37, 302-319.	1.6	20
40	Beyond binary retention in HIV care. <i>Aids</i> , 2018, 32, 2217-2225.	2.2	29
41	Resilience and HIV: a review of the definition and study of resilience. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2018, 30, S6-S17.	1.2	95
42	HIV-1 second-line failure and drug resistance at high-level and low-level viremia in Western Kenya. <i>Aids</i> , 2018, 32, 2485-2496.	2.2	28
43	Evaluating the Population Impact on Racial/Ethnic Disparities in HIV in Adulthood of Intervening on Specific Targets: A Conceptual and Methodological Framework. <i>American Journal of Epidemiology</i> , 2018, 187, 316-325.	3.4	13
44	Optimal timing of HIV home-based counselling and testing rounds in Western Kenya. <i>Journal of the International AIDS Society</i> , 2018, 21, e25142.	3.0	5
45	Improved HIV-1 Viral Load Monitoring Capacity Using Pooled Testing With Marker-Assisted Deconvolution. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2017, 75, 580-587.	2.1	7
46	The Association of Health Insurance with institutional delivery and access to skilled birth attendants: evidence from the Kenya Demographic and health survey 2008-09. <i>BMC Health Services Research</i> , 2017, 17, 454.	2.2	22
47	Treatment failure and drug resistance in HIV-positive patients on tenofovir-based first-line antiretroviral therapy in western Kenya. <i>Journal of the International AIDS Society</i> , 2016, 19, 20798.	3.0	29
48	Evaluating strategies to improve HIV care outcomes in Kenya: a modelling study. <i>Lancet HIV</i> , 2016, 3, e592-e600.	4.7	31
49	Misclassification of Antiretroviral Treatment Failure Using WHO 2006 and 2010/2013 Immunologic Criteria in HIV-Infected Children and Adolescents in Western Kenya: Table 1.. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 6, piw018.	1.3	0
50	Global Comparison of Drug Resistance Mutations After First-Line Antiretroviral Therapy Across Human Immunodeficiency Virus-1 Subtypes. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofv158.	0.9	12
51	Markers of Atherosclerosis, Clinical Characteristics, and Treatment Patterns in Heart Failure: A Case-Control Study of Middle-Aged Adult Heart Failure Patients in Rural Kenya. <i>Global Heart</i> , 2016, 11, 97.	2.3	12
52	Are All Biases Missing Data Problems?. <i>Current Epidemiology Reports</i> , 2015, 2, 162-171.	2.4	18
53	Regression analysis for differentially misclassified correlated binary outcomes. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015, 64, 433-449.	1.0	6
54	Phylogenetic Investigation of a Statewide HIV-1 Epidemic Reveals Ongoing and Active Transmission Networks Among Men Who Have Sex With Men. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2015, 70, 428-435.	2.1	61

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55	Linkage to and engagement in HIV care in western Kenya: an observational study using population-based estimates from home-based counselling and testing. <i>Lancet HIV</i> , 2015, 2, e20-e26.	4.7	59
56	Impact of Domestic Care Environment on Trauma and Posttraumatic Stress Disorder among Orphans in Western Kenya. <i>PLoS ONE</i> , 2014, 9, e89937.	2.5	45
57	HIV diversity and drug resistance from plasma and non-plasma analytes in a large treatment programme in western Kenya. <i>Journal of the International AIDS Society</i> , 2014, 17, 19262.	3.0	16
58	White matter changes with age utilizing quantitative diffusion MRI. <i>Neurology</i> , 2014, 83, 247-252.	1.1	21
59	Blood pressure level impacts risk of death among HIV seropositive adults in Kenya: a retrospective analysis of electronic health records. <i>BMC Infectious Diseases</i> , 2014, 14, 284.	2.9	32
60	Standards should be applied in the prevention and handling of missing data for patient-centered outcomes research: a systematic review and expert consensus. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 15-32.	5.0	53
61	Factors Associated With Isolated Right Heart Failure in Women: A Pilot Study From Western Kenya. <i>Global Heart</i> , 2014, 9, 249.	2.3	15
62	Social and Economic Characteristics of Street Youth by Gender and Level of Street Involvement in Eldoret, Kenya. <i>PLoS ONE</i> , 2014, 9, e97587.	2.5	39
63	Optimal Allocation of Gold Standard Testing Under Constrained Availability: Application to Assessment of HIV Treatment Failure. <i>Journal of the American Statistical Association</i> , 2013, 108, 1173-1188.	3.1	9
64	Long-term alcohol and caffeine intake and risk of sudden cardiac death in women. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1356-1363.	4.7	27
65	Treatment for <i>Schistosoma japonicum</i> , Reduction of Intestinal Parasite Load, and Cognitive Test Score Improvements in School-Aged Children. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1634.	3.0	38
66	Sequence Quality Analysis Tool for HIV Type 1 Protease and Reverse Transcriptase. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 894-901.	1.1	30
67	Global analysis of sequence diversity within HIV-1 subtypes across geographic regions. <i>Future Virology</i> , 2012, 7, 505-517.	1.8	13
68	Bayesian Inference for the Causal Effect of Mediation. <i>Biometrics</i> , 2012, 68, 1028-1036.	1.4	36
69	The Prevention and Treatment of Missing Data in Clinical Trials. <i>New England Journal of Medicine</i> , 2012, 367, 1355-1360.	27.0	1,141
70	On the Prevention and Analysis of Missing Data in Randomized Clinical Trials: The State of the Art. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 80-84.	3.0	20
71	A clinician-nurse model to reduce early mortality and increase clinic retention among high-risk HIV-infected patients initiating combination antiretroviral treatment. <i>Journal of the International AIDS Society</i> , 2012, 15, 7.	3.0	28
72	Treatment outcomes of a stage 1 cognitive-behavioral trial to reduce alcohol use among human immunodeficiency virus-infected outpatients in western Kenya. <i>Addiction</i> , 2011, 106, 2156-2166.	3.3	104

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73	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies. <i>Journal of NeuroVirology</i> , 2011, 17, 368-379.	2.1	40
74	Strengthening biostatistics resources in sub-Saharan Africa: Research collaborations through U.S. partnerships. <i>Statistics in Medicine</i> , 2011, 30, 695-708.	1.6	29
75	Association Between Placental Morphology and Childhood Systolic Blood Pressure. <i>Hypertension</i> , 2011, 57, 48-55.	2.7	32
76	Prenatal Factors for Childhood Blood Pressure Mediated by Intrauterine and/or Childhood Growth?. <i>Pediatrics</i> , 2011, 127, e713-e721.	2.1	67
77	Recent Clinical History and Cognitive Dysfunction for Attention and Executive Function among Human Immunodeficiency Virus-Infected Patients. <i>Archives of Clinical Neuropsychology</i> , 2011, 26, 614-623.	0.5	10
78	Hypertension and Obesity as Cardiovascular Risk Factors among HIV Seropositive Patients in Western Kenya. <i>PLoS ONE</i> , 2011, 6, e22288.	2.5	99
79	Birth Weight and Adult Hypercholesterolemia. <i>Epidemiology</i> , 2010, 21, 786-790.	2.7	9
80	Genital tract HIV-1 RNA shedding among women with below detectable plasma viral load. <i>Aids</i> , 2010, 24, 2489-2497.	2.2	109
81	Varying-coefficient models for longitudinal processes with continuous-time informative dropout. <i>Biostatistics</i> , 2010, 11, 93-110.	1.5	11
82	Causal Models. <i>Epidemiology</i> , 2009, 20, 931-932.	2.7	4
83	Misclassification of First-Line Antiretroviral Treatment Failure Based on Immunological Monitoring of HIV Infection in Resource-Limited Settings. <i>Clinical Infectious Diseases</i> , 2009, 49, 454-462.	5.8	118
84	What Distinguishes Weight-Loss Maintainers from the Treatment-Seeking Obese? Analysis of Environmental, Behavioral, and Psychosocial Variables in Diverse Populations. <i>Annals of Behavioral Medicine</i> , 2009, 38, 94-104.	2.9	62
85	Comments on: Missing data methods in longitudinal studies: a review. <i>Test</i> , 2009, 18, 59-64.	1.1	1
86	Bringing Causal Models Into the Mainstream. <i>Epidemiology</i> , 2009, 20, 431-432.	2.7	13
87	Bayesian semiparametric regression for longitudinal binary processes with missing data. <i>Statistics in Medicine</i> , 2008, 27, 3247-3268.	1.6	8
88	Predictors of the Initiation of HIV Postexposure Prophylaxis in Rhode Island Emergency Departments. <i>AIDS Patient Care and STDs</i> , 2008, 22, 41-52.	2.5	10
89	Principal stratification with predictors of compliance for randomized trials with 2 active treatments. <i>Biostatistics</i> , 2008, 9, 277-289.	1.5	45
90	Antiretroviral Drug Concentrations and HIV RNA in the Genital Tract of HIV-Infected Women Receiving Long-Term Highly Active Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2008, 46, 719-725.	5.8	82

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91	A randomized clinical trial of community-based directly observed therapy as an adherence intervention for HAART among substance users. <i>Aids</i> , 2007, 21, 1473-1477.	2.2	78
92	Lower syringe sharing and re-use after syringe legalization in Rhode Island. <i>Drug and Alcohol Dependence</i> , 2007, 89, 292-297.	3.2	13
93	Step into Motion: A randomized trial examining the relative efficacy of Internet vs. print-based physical activity interventions. <i>Contemporary Clinical Trials</i> , 2007, 28, 737-747.	1.8	53
94	Conditional Inference Methods for Incomplete Poisson Data With Endogenous Time-Varying Covariates. <i>Journal of the American Statistical Association</i> , 2006, 101, 424-434.	3.1	8
95	Association Between Paired Plasma and Cervicovaginal Lavage Fluid HIV-1 RNA Levels During 36 Months. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006, 42, 584-587.	2.1	51
96	Estimating causal effects from multiple cycle data in studies of in vitro fertilization. <i>Statistical Methods in Medical Research</i> , 2006, 15, 195-209.	1.5	2
97	The efficacy of moderate-intensity exercise as an aid for smoking cessation in women: A randomized controlled trial. <i>Nicotine and Tobacco Research</i> , 2005, 7, 871-880.	2.6	128
98	Longitudinal study of the inception of perimenopause in relation to lifetime history of sexual or physical violence. <i>Journal of Epidemiology and Community Health</i> , 2004, 58, 938-943.	3.7	29
99	Changes in Total Lymphocyte Count as a Surrogate for Changes in CD4 Count Following Initiation of HAART: Implications for Monitoring in Resource-Limited Settings. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004, 36, 567-575.	2.1	37
100	Instrumental variables and inverse probability weighting for causal inference from longitudinal observational studies. <i>Statistical Methods in Medical Research</i> , 2004, 13, 17-48.	1.5	130
101	Mixtures of Varying Coefficient Models for Longitudinal Data with Discrete or Continuous Nonignorable Dropout. <i>Biometrics</i> , 2004, 60, 854-864.	1.4	36
102	Handling drop-out in longitudinal studies. <i>Statistics in Medicine</i> , 2004, 23, 1455-1497.	1.6	360
103	Serum estradiol positively predicts outcomes in patients undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2004, 81, 1707-1709.	1.0	32
104	Estimating Causal Treatment Effects from Longitudinal HIV Natural History Studies Using Marginal Structural Models. <i>Biometrics</i> , 2003, 59, 152-162.	1.4	20
105	Rationale, design, and baseline data for commit to quit ii: an evaluation of the efficacy of moderate-intensity physical activity as an aid to smoking cessation in women†. <i>Preventive Medicine</i> , 2003, 36, 479-492.	3.4	36
106	Overweight and Human Immunodeficiency Virus (HIV) Progression in Women: Associations HIV Disease Progression and Changes in Body Mass Index in Women in the HIV Epidemiology Research Study Cohort. <i>Clinical Infectious Diseases</i> , 2003, 37, S69-S80.	5.8	103
107	Clinical and Immunologic Progression in HIV-Infected US Women Before and After the Introduction of Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003, 33, 614-624.	2.1	16
108	Continuity of Medical Care and Risk of Incarceration in HIV-Positive and High-Risk HIV-Negative Women. <i>Journal of Women's Health</i> , 2002, 11, 743-750.	3.3	33

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109	Prevalence, Incidence, and Persistence or Recurrence of Trichomoniasis among Human Immunodeficiency Virus (HIV)â€“Positive Women and among HIVâ€“Negative Women at High Risk for HIV Infection. <i>Clinical Infectious Diseases</i> , 2002, 34, 1406-1411.	5.8	94
110	Publication Bias in Editorial Decision Making. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 2825.	7.4	313
111	A hierarchical Bayesian approach to modeling embryo implantation following in vitro fertilization. <i>Biostatistics</i> , 2002, 3, 361-377.	1.5	24
112	Predictors of quitting and dropout among women in a clinic-based smoking cessation program.. <i>Psychology of Addictive Behaviors</i> , 2002, 16, 22-27.	2.1	60
113	A problem-solving approach to stress reduction among younger women with breast carcinoma. <i>Cancer</i> , 2002, 94, 3089-3100.	4.1	139
114	A hierarchical modelling approach to analysing longitudinal data with drop-out and non-compliance, with application to an equivalence trial in paediatric acquired immune deficiency syndrome. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2002, 51, 1-21.	1.0	13
115	Predictors of quitting and dropout among women in a clinic-based smoking cessation program.. <i>Psychology of Addictive Behaviors</i> , 2002, 16, 22-27.	2.1	34
116	Association between Bacterial Vaginosis and Expression of Human Immunodeficiency Virus Type 1 RNA in the Female Genital Tract. <i>Clinical Infectious Diseases</i> , 2001, 33, 894-896.	5.8	169
117	Reparameterizing the Pattern Mixture Model for Sensitivity Analyses Under Informative Dropout. <i>Biometrics</i> , 2000, 56, 1241-1248.	1.4	70
118	Hierarchical logistic regression models for clustered binary outcomes in studies of IVF-ET. <i>Fertility and Sterility</i> , 2000, 73, 575-581.	1.0	31
119	Increasing efficiency from censored survival data by using random effects to model longitudinal covariates. <i>Statistical Methods in Medical Research</i> , 1998, 7, 28-48.	1.5	37
120	The impact of hydrosalpinx on successful pregnancy in tubal factor infertility treated by in vitro fertilization. <i>Fertility and Sterility</i> , 1997, 67, 517-520.	1.0	81
121	MIXTURE MODELS FOR THE JOINT DISTRIBUTION OF REPEATED MEASURES AND EVENT TIMES. , 1997, 16, 239-257.		280
122	MODEL-BASED APPROACHES TO ANALYSING INCOMPLETE LONGITUDINAL AND FAILURE TIME DATA. <i>Statistics in Medicine</i> , 1997, 16, 259-272.	1.6	205
123	Increased Muscularization of Small Pulmonary Arteries in Preterm Infants of Diabetic Mothers: A Morphometric Study in Noninflated, Noninjected, Routinely Fixed Lungs. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1995, 15, 689-705.	0.3	14