

Nicholas P Jewell

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

7,995
citations

76326

40
h-index

58581

82
g-index

128
all docs

128
docs citations

128
times ranked

10540
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased mortality in community-tested cases of SARS-CoV-2 lineage B.1.1.7. <i>Nature</i> , 2021, 593, 270-274.	27.8	775
2	Organophosphate Pesticide Exposure and Neurodevelopment in Young Mexican-American Children. <i>Environmental Health Perspectives</i> , 2007, 115, 792-798.	6.0	584
3	Human Botulism Immune Globulin for the Treatment of Infant Botulism. <i>New England Journal of Medicine</i> , 2006, 354, 462-471.	27.0	422
4	Association of in Utero Organophosphate Pesticide Exposure and Fetal Growth and Length of Gestation in an Agricultural Population. <i>Environmental Health Perspectives</i> , 2004, 112, 1116-1124.	6.0	418
5	Hypothesis testing of regression parameters in semiparametric generalized linear models for cluster correlated data. <i>Biometrika</i> , 1990, 77, 485-497.	2.4	346
6	Diaphragm and lubricant gel for prevention of HIV acquisition in southern African women: a randomised controlled trial. <i>Lancet</i> , The, 2007, 370, 251-261.	13.7	302
7	A note on the product-limit estimator under right censoring and left truncation. <i>Biometrika</i> , 1987, 74, 883-886.	2.4	291
8	Efficacy of Wolbachia-Infected Mosquito Deployments for the Control of Dengue. <i>New England Journal of Medicine</i> , 2021, 384, 2177-2186.	27.0	289
9	Predictive Mathematical Models of the COVID-19 Pandemic. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1893.	7.4	272
10	Scaled deployment of Wolbachia to protect the community from dengue and other Aedes transmitted arboviruses. <i>Gates Open Research</i> , 2018, 2, 36.	1.1	222
11	In Utero Exposure to Dichlorodiphenyltrichloroethane (DDT) and Dichlorodipenyldichloroethylene (DDE) and Neurodevelopment Among Young Mexican American Children. <i>Pediatrics</i> , 2006, 118, 233-241.	2.1	217
12	Statistics for Epidemiology. , 0, , .		169
13	Incidence, clinical outcomes, and transmission dynamics of severe coronavirus disease 2019 in California and Washington: prospective cohort study. <i>BMJ</i> , The, 2020, 369, m1923.	6.0	166
14	Establishment of wMel Wolbachia in Aedes aegypti mosquitoes and reduction of local dengue transmission in Cairns and surrounding locations in northern Queensland, Australia. <i>Gates Open Research</i> , 2019, 3, 1547.	1.1	160
15	Caution Warranted: Using the Institute for Health Metrics and Evaluation Model for Predicting the Course of the COVID-19 Pandemic. <i>Annals of Internal Medicine</i> , 2020, 173, 226-227.	3.9	122
16	A geometric approach to assess bias due to omitted covariates in generalized linear models. <i>Biometrika</i> , 1993, 80, 807-815.	2.4	121
17	Statistical Analysis of HIV Infectivity Based on Partner Studies. <i>Biometrics</i> , 1990, 46, 1133.	1.4	109
18	Statistical Models for Prevalent Cohort Data. <i>Biometrics</i> , 1993, 49, 1.	1.4	109

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19	Reduced dengue incidence following deployments of Wolbachia-infected <i>Aedes aegypti</i> in Yogyakarta, Indonesia: a quasi-experimental trial using controlled interrupted time series analysis. <i>Gates Open Research</i> , 2020, 4, 50.	1.1	104
20	Depuration of Polybrominated Diphenyl Ethers (PBDEs) and Polychlorinated Biphenyls (PCBs) in Breast Milk from California First-Time Mothers (Primiparae). <i>Environmental Health Perspectives</i> , 2007, 115, 1271-1275.	6.0	90
21	A Checklist for statistical Assessment of Medical Papers (the CHAMP statement): explanation and elaboration. <i>British Journal of Sports Medicine</i> , 2021, 55, 1009-1017.	6.7	90
22	Theoretical Framework for Retrospective Studies of the Effectiveness of SARS-CoV-2 Vaccines. <i>Epidemiology</i> , 2021, 32, 508-517.	2.7	84
23	Association of Housing Disrepair Indicators with Cockroach and Rodent Infestations in a Cohort of Pregnant Latina Women and Their Children. <i>Environmental Health Perspectives</i> , 2005, 113, 1795-1801.	6.0	79
24	Variability of Organophosphorous Pesticide Metabolite Levels in Spot and 24-hr Urine Samples Collected from Young Children during 1 Week. <i>Environmental Health Perspectives</i> , 2013, 121, 118-124.	6.0	78
25	Statistical Analysis of the Time Dependence of HIV Infectivity Based on Partner Study Data. <i>Journal of the American Statistical Association</i> , 1992, 87, 360-372.	3.1	74
26	Formulation and Evaluation of a Predictive Model to Identify the Sites of Future Diabetic Retinopathy. , 2004, 45, 4106.		72
27	Time-Trends and Congener Profiles of PBDEs and PCBs in California Peregrine Falcons (<i>Falco</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10.08 /67		
28	Backcalculation of HIV Infection Rates. <i>Statistical Science</i> , 1993, 8, 82.	2.8	65
29	Occupational behaviors and farmworkers' pesticide exposure: Findings from a study in monterey county, California. <i>American Journal of Industrial Medicine</i> , 2008, 51, 782-794.	2.1	64
30	Cash vs. food assistance to improve adherence to antiretroviral therapy among HIV-infected adults in Tanzania. <i>Aids</i> , 2017, 31, 815-825.	2.2	62
31	The AWED trial (Applying Wolbachia to Eliminate Dengue) to assess the efficacy of Wolbachia-infected mosquito deployments to reduce dengue incidence in Yogyakarta, Indonesia: study protocol for a cluster randomised controlled trial. <i>Trials</i> , 2018, 19, 302.	1.6	60
32	A framework for consistent prediction rules based on markers. <i>Biometrika</i> , 1993, 80, 153-164.	2.4	59
33	Vaccine Effectiveness Studies in the Field. <i>New England Journal of Medicine</i> , 2021, 385, 650-651.	27.0	58
34	Association of Wildfire Air Pollution and Health Care Use for Atopic Dermatitis and Itch. <i>JAMA Dermatology</i> , 2021, 157, 658.	4.1	56
35	Cerebral Arterial Fenestrations. <i>Interventional Neuroradiology</i> , 2014, 20, 261-274.	1.1	55
36	Some statistical issues in studies of the epidemiology of aids. <i>Statistics in Medicine</i> , 1990, 9, 1387-1416.	1.6	51

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37	Nonparametric Estimation for a form of Doubly Censored Data, with Application to Two Problems in AIDS. <i>Journal of the American Statistical Association</i> , 1994, 89, 7-18.	3.1	49
38	Severe Acute Respiratory Syndrome: Temporal Stability and Geographic Variation in Case-Fatality Rates and Doubling Times. <i>Emerging Infectious Diseases</i> , 2003, 9, 991-994.	4.3	49
39	Prevention of Coronavirus Disease 2019 (COVID-19) by mRNA-Based Vaccines Within the General Population of California. <i>Clinical Infectious Diseases</i> , 2022, 74, 1382-1389.	5.8	48
40	Canonical Correlations of Past and Future for Time Series: Definitions and Theory. <i>Annals of Statistics</i> , 1983, 11, 837.	2.6	47
41	Marker processes in survival analysis. <i>Lifetime Data Analysis</i> , 1996, 2, 15-29.	0.9	47
42	Least squares regression with data arising from stratified samples of the dependent variable. <i>Biometrika</i> , 1985, 72, 11-21.	2.4	45
43	Generalizations of current status data with applications. <i>Lifetime Data Analysis</i> , 1995, 1, 101-109.	0.9	45
44	Risk behaviors for pesticide exposure among pregnant women living in farmworker households in Salinas, California. <i>American Journal of Industrial Medicine</i> , 2004, 45, 491-499.	2.1	45
45	Efficacy of Human Botulism Immune Globulin for the Treatment of Infant Botulism: The First 12 Years Post Licensure. <i>Journal of Pediatrics</i> , 2018, 193, 172-177.	1.8	44
46	Association of Large-Airway Lymphocytic Bronchitis with Bronchiolitis Obliterans Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 417-423.	5.6	42
47	Natural history of diseases: Statistical designs and issues. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 353-361.	4.7	41
48	Non-parametric estimation of the case fatality ratio with competing risks data: an application to Severe Acute Respiratory Syndrome (SARS). <i>Statistics in Medicine</i> , 2007, 26, 1982-1998.	1.6	39
49	CHecklist for statistical Assessment of Medical Papers: the CHAMP statement. <i>British Journal of Sports Medicine</i> , 2021, 55, 1002-1003.	6.7	39
50	Financial incentives to promote retention in care and viral suppression in adults with HIV initiating antiretroviral therapy in Tanzania: a three-arm randomised controlled trial. <i>Lancet HIV</i> , 2020, 7, e762-e771.	4.7	39
51	A Nonparametric Approach to the Truncated Regression Problem. <i>Journal of the American Statistical Association</i> , 1988, 83, 785-792.	3.1	37
52	Update to the AWED (Applying Wolbachia to Eliminate Dengue) trial study protocol: a cluster randomised controlled trial in Yogyakarta, Indonesia. <i>Trials</i> , 2020, 21, 429.	1.6	37
53	A longitudinal genome-wide association study of anti-tumor necrosis factor response among Japanese patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 12.	3.5	30
54	Maximum likelihood estimation of ordered multinomial parameters. <i>Biostatistics</i> , 2004, 5, 291-306.	1.5	29

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55	Misclassification of current status data. <i>Lifetime Data Analysis</i> , 2010, 16, 215-230.	0.9	28
56	Estimating the Lifetime Risk of Dementia in the Canadian Elderly Population Using Cross-Sectional Cohort Survival Data. <i>Journal of the American Statistical Association</i> , 2014, 109, 24-35.	3.1	25
57	Risk Factors Associated With SARS-CoV-2 Infection Among Farmworkers in Monterey County, California. <i>JAMA Network Open</i> , 2021, 4, e2124116.	5.9	25
58	Regression analysis based on stratified samples. <i>Biometrika</i> , 1986, 73, 605-614.	2.4	24
59	Analysing direct effects in randomized trials with secondary interventions: an application to human immunodeficiency virus prevention trials. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2009, 172, 443-465.	1.1	24
60	On a general structure for hazard-based regression models: An application to population-based cancer research. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2404-2417.	1.5	24
61	Bivariate current status data with univariate monitoring times. <i>Biometrika</i> , 2005, 92, 847-862.	2.4	23
62	Rationale and design of a randomized study of short-term food and cash assistance to improve adherence to antiretroviral therapy among food insecure HIV-infected adults in Tanzania. <i>BMC Infectious Diseases</i> , 2015, 15, 490.	2.9	23
63	Prevalence and Clinical Profile of Severe Acute Respiratory Syndrome Coronavirus 2 Infection among Farmworkers, California, USA, June–November 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1330-1342.	4.3	23
64	Estimating patterns of CD4 lymphocyte decline using data from a prevalent cohort of HIV infected individuals. <i>Statistics in Medicine</i> , 1994, 13, 1101-1118.	1.6	22
65	Non-parametric estimation and doubly-censored data: General ideas and applications to AIDS. <i>Statistics in Medicine</i> , 1994, 13, 2081-2095.	1.6	20
66	Outcomes and Risk Factors in Patients with Multiple Primary Melanomas. <i>Journal of Investigative Dermatology</i> , 2019, 139, 195-201.	0.7	20
67	Detecting Associations between Early-Life DDT Exposures and Childhood Growth Patterns: A Novel Statistical Approach. <i>PLoS ONE</i> , 2015, 10, e0131443.	2.5	19
68	Cluster-Randomized Test-Negative Design Trials: A Novel and Efficient Method to Assess the Efficacy of Community-Level Dengue Interventions. <i>American Journal of Epidemiology</i> , 2018, 187, 2021-2028.	3.4	19
69	Pregnancy-Induced Changes in Systemic Gene Expression among Healthy Women and Women with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015, 10, e0145204.	2.5	19
70	Statistical Analysis of the Time Dependence of HIV Infectivity Based on Partner Study Data. <i>Journal of the American Statistical Association</i> , 1992, 87, 360.	3.1	19
71	Analysis of cluster-randomized test-negative designs: cluster-level methods. <i>Biostatistics</i> , 2019, 20, 332-346.	1.5	18
72	Accounting for perception, placebo and unmasking effects in estimating treatment effects in randomised clinical trials. <i>Statistical Methods in Medical Research</i> , 2014, 23, 293-307.	1.5	16

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73	Maternal smoking, alcohol drinking, and febrile convulsion. Seizure: the Journal of the British Epilepsy Association, 2008, 17, 320-326.	2.0	15
74	A Trajectory Analysis of Alcohol and Marijuana Use Among Latino Adolescents in San Francisco, California. Journal of Adolescent Health, 2010, 47, 564-574.	2.5	14
75	Rofecoxib and Clinically Significant Upper and Lower Gastrointestinal Events Revisited Based on Documents From Recent Litigation. American Journal of the Medical Sciences, 2011, 342, 356-364.	1.1	14
76	The impact of covariance misspecification in multivariate Gaussian mixtures on estimation and inference: an application to longitudinal modeling. Statistics in Medicine, 2013, 32, 2790-2803.	1.6	14
77	Black and unarmed: statistical interaction between age, perceived mental illness, and geographic region among males fatally shot by police using case-only design. Annals of Epidemiology, 2021, 53, 42-49.e3.	1.9	14
78	Nonparametric Estimation for a Form of Doubly Censored Data, With Application to Two Problems in AIDS. Journal of the American Statistical Association, 1994, 89, 7.	3.1	14
79	The essential norm of an operator and its adjoint. Transactions of the American Mathematical Society, 1980, 261, 159-159.	0.9	13
80	Coverage problems and random convex hulls. Journal of Applied Probability, 1982, 19, 546-561.	0.7	13
81	Accounting for Civilian Casualties: From the Past to the Future. Social Science History, 2018, 42, 379-410.	0.5	13
82	Toeplitz operators and related function algebras on certain pseudoconvex domains. Transactions of the American Mathematical Society, 1979, 252, 297-312.	0.9	11
83	Misclassified group-tested current status data. Biometrika, 2016, 103, 801-815.	2.4	11
84	Broad cross-national public support for accelerated COVID-19 vaccine trial designs. Vaccine, 2021, 39, 309-316.	3.8	11
85	Projecting the impact of triple CFTR modulator therapy on intravenous antibiotic requirements in cystic fibrosis using patient registry data combined with treatment effects from randomised trials. Thorax, 2022, 77, 873-881.	5.6	11
86	Impact of COVID-19 Pandemic on California Farmworkers's Mental Health and Food Security. Journal of Agromedicine, 2022, 27, 303-314.	1.5	11
87	Predicting Respiratory Morbidity from Pulmonary Function Tests: A Reanalysis of Ozone Chamber Studies. Japca, 1989, 39, 1313-1318.	0.3	9
88	Singly and Doubly Censored Current Status Data: Estimation, Asymptotics and Regression. Scandinavian Journal of Statistics, 1997, 24, 289-307.	1.4	9
89	Multiplication by the coordinate functions on the Hardy space of the unit sphere in \mathbb{R}^n . Duke Mathematical Journal, 1977, 44, 839.	1.5	8
90	Difficulties in obtaining consistent estimators of variance parameters. Biometrika, 1981, 68, 221-226.	2.4	8

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91	Evaluating inclusion functionals for random convex hulls. Zeitschrift für Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1985, 68, 415-424.	0.8	8
92	Risk Comparisons. American Journal of Ophthalmology, 2009, 148, 484-486.	3.3	8
93	The impact of large-scale deployment of Wolbachia mosquitoes on arboviral disease incidence in Rio de Janeiro and Niterói, Brazil: study protocol for a controlled interrupted time series analysis using routine disease surveillance data. F1000Research, 2019, 8, 1328.	1.6	8
94	The impact of city-wide deployment of Wolbachia-carrying mosquitoes on arboviral disease incidence in Medellín and Bello, Colombia: study protocol for an interrupted time-series analysis and a test-negative design study. F1000Research, 2019, 8, 1327.	1.6	8
95	Firearm Violence Following the Implementation of California's Gun Violence Restraining Order Law. JAMA Network Open, 2022, 5, e224216.	5.9	8
96	Multiple Systems Estimation for Modern Slavery: Robustness of List Omission and Combination. Crime and Delinquency, 2020, , 001112872095142.	1.7	7
97	Optimizing the efficiency and implementation of cash transfers to improve adherence to antiretroviral therapy: study protocol for a cluster randomized controlled trial. Trials, 2020, 21, 963.	1.6	7
98	CURRENT STATUS AND RIGHT-CENSORED DATA STRUCTURES WHEN OBSERVING A MARKER AT THE CENSORING TIME. Annals of Statistics, 2003, 31, 512-535.	2.6	7
99	A Nonparametric Approach to the Truncated Regression Problem. Journal of the American Statistical Association, 1988, 83, 785.	3.1	7
100	Risk Interpretation, Perception, and Communication. American Journal of Ophthalmology, 2009, 148, 636-638.	3.3	6
101	Gender, Depression, and Blue-collar Work. Epidemiology, 2019, 30, 435-444.	2.7	6
102	On the role of statisticians and modelers in responding to AIDS and COVID-19. Statistics in Medicine, 2021, 40, 2530-2535.	1.6	6
103	US law enforcement policy predictors of race-specific police fatalities during 2015-16. PLoS ONE, 2021, 16, e0252749.	2.5	6
104	The NPMLE for Doubly Censored Current Status Data. Scandinavian Journal of Statistics, 2001, 28, 537-547.	1.4	5
105	Diaphragms and lubricant gel for prevention of HIV - Authors' reply. Lancet, The, 2007, 370, 1823-1824.	13.7	5
106	Regression Analysis of a Disease Onset Distribution Using Diagnosis Data. Biometrics, 2008, 64, 20-28.	1.4	5
107	Analysis of counts for cluster randomized trials: Negative controls and test-negative designs. Statistics in Medicine, 2020, 39, 1429-1439.	1.6	5
108	CORRESPONDENCES BETWEEN REGRESSION MODELS FOR COMPLEX BINARY OUTCOMES AND THOSE FOR STRUCTURED MULTIVARIATE SURVIVAL ANALYSES. , 2007, , 45-64.		4

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109	A conversation about implicit bias. <i>Statistical Journal of the IAOS</i> , 2016, 32, 739-755.	0.4	4
110	On the use of the Reproduction Number for SARS-COV-2: Estimation, Misinterpretations and Relationships with other Ecological Measures. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2022, 185, S16-S27.	1.1	4
111	Quantifying the source of infection for HIV-infected hemophiliacs in the U.K. from 1979 to 1984. <i>Statistics in Medicine</i> , 2009, 28, 1464-1472.	1.6	3
112	Assessing Causes for Individuals. <i>Sociological Methods and Research</i> , 2014, 43, 391-395.	6.8	3
113	Rofecoxib and Clinically Significant Gastrointestinal Events: Response. <i>American Journal of the Medical Sciences</i> , 2019, 358, e9-e10.	1.1	3
114	Questioning statin therapy for older patients. <i>Lancet, The</i> , 2020, 395, 1831-1832.	13.7	3
115	Interval Censored Recursive Forests. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 390-402.	1.7	3
116	Statistical Models for COVID-19 Incidence, Cumulative Prevalence, and R t. <i>Journal of the American Statistical Association</i> , 2021, 116, 1578-1582.	3.1	3
117	Fredholm Toeplitz operators on strongly pseudoconvex domains. <i>Studia Mathematica</i> , 1980, 68, 25-34.	0.7	2
118	PBDE Concentrations in Women: Harley et al. Respond. <i>Environmental Health Perspectives</i> , 2010, 118, .	6.0	1
119	Current status observation of a threeâ€state counting process with application to simultaneous accurate and diluted HIV test data. <i>Canadian Journal of Statistics</i> , 2011, 39, 475-487.	0.9	1
120	Dealing with unmasking effects: Longitudinal studies and the placebo effect. <i>Statistical Methods in Medical Research</i> , 2012, 21, 668-669.	1.5	1
121	Remediating â€œLessons from the controversy over statinsâ€. <i>Lancet, The</i> , 2017, 389, 1101-1102.	13.7	1
122	Safety and efficacy of statins. <i>Lancet, The</i> , 2017, 389, 1097.	13.7	1
123	Tumorigenic Effect of Moisturizing Creams in UVB-Pretreated High-Risk Mice. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2316-2318.	0.7	0