

Nicky Best

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

9,473
citations

159585

30
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

12022
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel equivalence probability weighted power prior for using historical control data in an adaptive clinical trial design: A comparison to standard methods. <i>Pharmaceutical Statistics</i> , 2021, 20, 462-484.	1.3	12
2	Assessing efficacy in important subgroups in confirmatory trials: An example using Bayesian dynamic borrowing. <i>Pharmaceutical Statistics</i> , 2021, 20, 551-562.	1.3	15
3	A causal modelling framework for reference-based imputation and tipping point analysis in clinical trials with quantitative outcome. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 334-350.	0.8	14
4	Reducing Patient Burden in Clinical Trials Through the Use of Historical Controls: Appropriate Selection of Historical Data to Minimize Risk of Bias. <i>Therapeutic Innovation and Regulatory Science</i> , 2020, 54, 850-860.	1.6	15
5	Better decision making in drug development through adoption of formal prior elicitation. <i>Pharmaceutical Statistics</i> , 2018, 17, 301-316.	1.3	41
6	Practical experiences of adopting assurance as a quantitative framework to support decision making in drug development. <i>Pharmaceutical Statistics</i> , 2018, 17, 317-328.	1.3	18
7	Minimizing Patient Burden Through the Use of Historical Subject-Level Data in Innovative Confirmatory Clinical Trials: Review of Methods and Opportunities. <i>Therapeutic Innovation and Regulatory Science</i> , 2018, 52, 546-559.	1.6	78
8	Data-Driven Prior Distributions for A Bayesian Phase-2 COPD Dose-Finding Clinical Trial. <i>Statistics in Biopharmaceutical Research</i> , 2018, 10, 166-175.	0.8	1
9	Birth Weight, Ethnicity, and Exposure to Trihalomethanes and Haloacetic Acids in Drinking Water during Pregnancy in the Born in Bradford Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 681-689.	6.0	37
10	Robust Bayesian Sensitivity Analysis for Caseâ€“Control Studies with Uncertain Exposure Misclassification Probabilities. <i>International Journal of Biostatistics</i> , 2015, 11, 135-49.	0.7	6
11	Analysing the health effects of simultaneous exposure to physical and chemical properties of airborne particles. <i>Environment International</i> , 2015, 79, 56-64.	10.0	50
12	Improving Child Protection by Integrating Research Evidence and Clinical Experience. <i>International Journal of Law, Policy and the Family</i> , 2015, 29, 301-312.	0.2	2
13	The future of life expectancy and life expectancy inequalities in England and Wales: Bayesian spatiotemporal forecasting. <i>Lancet, The</i> , 2015, 386, 163-170.	13.7	100
14	Cardiothoracic ratio from postero-anterior chest radiographs: A simple, reproducible and independent marker of disease severity and outcome in adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2013, 166, 453-457.	1.7	75
15	The contributions of risk factor trends to cardiometabolic mortality decline in 26 industrialized countries. <i>International Journal of Epidemiology</i> , 2013, 42, 838-848.	1.9	62
16	Chlorination by-products in tap water and semen quality in England and Wales. <i>Occupational and Environmental Medicine</i> , 2013, 70, 754-760.	2.8	22
17	Evaluating the No Cold Calling Zones in Peterborough, England: Application of a Novel Statistical Method for Evaluating Neighbourhood Policing Policies. <i>Environment and Planning A</i> , 2013, 45, 2012-2026.	3.6	16
18	Time Trends in Biological Fertility in Western Europe. <i>American Journal of Epidemiology</i> , 2013, 178, 722-730.	3.4	6

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19	BaySTDetect: detecting unusual temporal patterns in small area data via Bayesian model choice. <i>Biostatistics</i> , 2012, 13, 695-710.	1.5	32
20	Adjustment for Missing Confounders Using External Validation Data and Propensity Scores. <i>Journal of the American Statistical Association</i> , 2012, 107, 40-51.	3.1	30
21	Quantile regression with aggregated data. <i>Economics Letters</i> , 2012, 117, 401-404.	1.9	1
22	Inference from ecological models: Estimating the relative risk of stroke from air pollution exposure using small area data. <i>Spatial and Spatio-temporal Epidemiology</i> , 2010, 1, 123-131.	1.7	17
23	Hyponatraemia: a strong predictor of mortality in adults with congenital heart disease. <i>European Heart Journal</i> , 2010, 31, 595-601.	2.2	57
24	Bayesian modelling of household solid fuel use: Insights towards designing effective interventions to promote fuel switching in Africa. <i>Environmental Research</i> , 2010, 110, 725-732.	7.5	27
25	Chlorination disinfection by-products in drinking water and congenital anomalies: review and meta-analyses. <i>Ciencia E Saude Coletiva</i> , 2010, 15, 3109-3123.	0.5	4
26	Health impacts of long-term exposure to disinfection by-products in drinking water in Europe: HIWATE. <i>Journal of Water and Health</i> , 2009, 7, 185-207.	2.6	83
27	Chlorination Disinfection By-Products in Drinking Water and Congenital Anomalies: Review and Meta-Analyses. <i>Environmental Health Perspectives</i> , 2009, 117, 1486-1493.	6.0	129
28	Methodological Issues in Analyzing Time Trends in Biologic Fertility: Protection Bias. <i>American Journal of Epidemiology</i> , 2009, 169, 285-293.	3.4	20
29	Combining MCMC with "sequential" PKPD modelling. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2009, 36, 19-38.	1.8	63
30	The BUGS project: Evolution, critique and future directions. <i>Statistics in Medicine</i> , 2009, 28, 3049-3067.	1.6	1,564
31	Rejoinder to commentaries on "The BUGS project: Evolution, critique and future directions". <i>Statistics in Medicine</i> , 2009, 28, 3081-3082.	1.6	10
32	Adjusting for selection bias in retrospective, case-control studies. <i>Biostatistics</i> , 2008, 10, 17-31.	1.5	106
33	Bayesian latent variable modelling of multivariate spatio-temporal variation in cancer mortality. <i>Statistical Methods in Medical Research</i> , 2008, 17, 97-118.	1.5	61
34	Use of Space-Time Models to Investigate the Stability of Patterns of Disease. <i>Environmental Health Perspectives</i> , 2008, 116, 1111-1119.	6.0	85
35	Chlorination Disinfection By-Products and Risk of Congenital Anomalies in England and Wales. <i>Environmental Health Perspectives</i> , 2008, 116, 216-222.	6.0	59
36	Spatial Risk Assessment of Rift Valley Fever in Senegal. <i>Vector-Borne and Zoonotic Diseases</i> , 2007, 7, 203-216.	1.5	40

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37	Improving ecological inference using individual-level data. <i>Statistics in Medicine</i> , 2006, 25, 2136-2159.	1.6	121
38	Bayesian spatio-temporal analysis of joint patterns of male and female lung cancer risks in Yorkshire (UK). <i>Statistical Methods in Medical Research</i> , 2006, 15, 385-407.	1.5	105
39	Structure and uncertainty: Graphical models for understanding complex data. <i>Significance</i> , 2005, 2, 177-181.	0.4	6
40	Relation of Trihalomethane Concentrations in Public Water Supplies to Stillbirth and Birth Weight in Three Water Regions in England. <i>Environmental Health Perspectives</i> , 2005, 113, 225-232.	6.0	98
41	Studying Time to Pregnancy by Use of a Retrospective Design. <i>American Journal of Epidemiology</i> , 2005, 162, 115-124.	3.4	139
42	A comparison of Bayesian spatial models for disease mapping. <i>Statistical Methods in Medical Research</i> , 2005, 14, 35-59.	1.5	403
43	Interpreting Posterior Relative Risk Estimates in Disease-Mapping Studies. <i>Environmental Health Perspectives</i> , 2004, 112, 1016-1025.	6.0	405
44	Studying Human Fertility. <i>Environmental Health Perspectives</i> , 2004, 112, A604-5; author reply A605-6.	6.0	1
45	Shipman's statistical legacy. <i>Significance</i> , 2004, 1, 10-12.	0.4	10
46	Following Shipman: a pilot system for monitoring mortality rates in primary care. <i>Lancet, The</i> , 2003, 362, 485-491.	13.7	74
47	Geographical epidemiology of prostate cancer in Great Britain. <i>International Journal of Cancer</i> , 2002, 97, 695-699.	5.1	60
48	Comparison of UK paediatric cardiac surgical performance by analysis of routinely collected data 1984-96: was Bristol an outlier?. <i>Lancet, The</i> , 2001, 358, 181-187.	13.7	102
49	Was Bristol an outlier?. <i>Lancet, The</i> , 2001, 358, 2084.	13.7	2
50	Ecological regression analysis of environmental benzene exposure and childhood leukaemia: sensitivity to data inaccuracies, geographical scale and ecological bias. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2001, 164, 155-174.	1.1	53
51	Stillbirth and neonatal mortality due to congenital anomalies: temporal trends and variation by small area deprivation scores in England and Wales, 1986-96. <i>Paediatric and Perinatal Epidemiology</i> , 2001, 15, 364-373.	1.7	0
52	WinBUGS - A Bayesian modelling framework: Concepts, structure, and extensibility. <i>Statistics and Computing</i> , 2000, 10, 325-337.	1.5	4,470
53	Five-year incidence and prediction of dementia and cognitive decline in a population sample of women aged 70-79 at baseline. , 1997, 12, 1107-1118.		30
54	The BUGS Book. , 0, , .		436