Nicky Best

List of Publications by Year
in descending order

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54	9,473	159525 30	182361 51
papers	citations	h-index	g-index

54	54	54	12022
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	WinBUGS - A Bayesian modelling framework: Concepts, structure, and extensibility. Statistics and Computing, 2000, 10, 325-337.	0.8	4,470
2	The BUGS project: Evolution, critique and future directions. Statistics in Medicine, 2009, 28, 3049-3067.	0.8	1,564
3	The BUGS Book. , 0, , .		436
4	Interpreting Posterior Relative Risk Estimates in Disease-Mapping Studies. Environmental Health Perspectives, 2004, 112, 1016-1025.	2.8	405
5	A comparison of Bayesian spatial models for disease mapping. Statistical Methods in Medical Research, 2005, 14, 35-59.	0.7	403
6	Studying Time to Pregnancy by Use of a Retrospective Design. American Journal of Epidemiology, 2005, 162, 115-124.	1.6	139
7	Chlorination Disinfection By-Products in Drinking Water and Congenital Anomalies: Review and Meta-Analyses. Environmental Health Perspectives, 2009, 117, 1486-1493.	2.8	129
8	Improving ecological inference using individual-level data. Statistics in Medicine, 2006, 25, 2136-2159.	0.8	121
9	Adjusting for selection bias in retrospective, case-control studies. Biostatistics, 2008, 10, 17-31.	0.9	106
10	Bayesian spatio-temporal analysis of joint patterns of male and female lung cancer risks in Yorkshire (UK). Statistical Methods in Medical Research, 2006, 15, 385-407.	0.7	105
11	Comparison of UK paediatric cardiac surgical performance by analysis of routinely collected data 1984â€“96: was Bristol an outlier?. Lancet, The, 2001, 358, 181-187.	6.3	102
12	The future of life expectancy and life expectancy inequalities in England and Wales: Bayesian spatiotemporal forecasting. Lancet, The, 2015, 386, 163-170.	6.3	100
13	Relation of Trihalomethane Concentrations in Public Water Supplies to Stillbirth and Birth Weight in Three Water Regions in England. Environmental Health Perspectives, 2005, 113, 225-232.	2.8	98
14	Use of Spaceâ€“Time Models to Investigate the Stability of Patterns of Disease. Environmental Health Perspectives, 2008, 116, 1111-1119.	2.8	85
15	Health impacts of long-term exposure to disinfection by-products in drinking water in Europe: HIWATE. Journal of Water and Health, 2009, 7, 185-207.	1.1	83
16	Minimizing Patient Burden Through the Use of Historical Subject-Level Data in Innovative Confirmatory Clinical Trials: Review of Methods and Opportunities. Therapeutic Innovation and Regulatory Science, 2018, 52, 546-559.	0.8	78
17	Cardiothoracic ratio from postero-anterior chest radiographs: A simple, reproducible and independent marker of disease severity and outcome in adults with congenital heart disease. International Journal of Cardiology, 2013, 166, 453-457.	0.8	75
18	Following Shipman: a pilot system for monitoring mortality rates in primary care. Lancet, The, 2003, 362, 485-491.	6.3	74

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19	Combining MCMC with â€˜sequentialâ€™ PKPD modelling. Journal of Pharmacokinetics and Pharmacodynamics, 2009, 36, 19-38.	0.8	63
20	The contributions of risk factor trends to cardiometabolic mortality decline in 26 industrialized countries. International Journal of Epidemiology, 2013, 42, 838-848.	0.9	62
21	Bayesian latent variable modelling of multivariate spatio-temporal variation in cancer mortality. Statistical Methods in Medical Research, 2008, 17, 97-118.	0.7	61
22	Geographical epidemiology of prostate cancer in Great Britain. International Journal of Cancer, 2002, 97, 695-699.	2.3	60
23	Chlorination Disinfection By-Products and Risk of Congenital Anomalies in England and Wales. Environmental Health Perspectives, 2008, 116, 216-222.	2.8	59
24	Hyponatraemia: a strong predictor of mortality in adults with congenital heart disease. European Heart Journal, 2010, 31, 595-601.	1.0	57
25	Ecological regression analysis of environmental benzene exposure and childhood leukaemia: sensitivity to data inaccuracies, geographical scale and ecological bias. Journal of the Royal Statistical Society Series A: Statistics in Society, 2001, 164, 155-174.	0.6	53
26	Analysing the health effects of simultaneous exposure to physical and chemical properties of airborne particles. Environment International, 2015, 79, 56-64.	4.8	50
27	Better decision making in drug development through adoption of formal prior elicitation. Pharmaceutical Statistics, 2018, 17, 301-316.	0.7	41
28	Spatial Risk Assessment of Rift Valley Fever in Senegal. Vector-Borne and Zoonotic Diseases, 2007, 7, 203-216.	0.6	40
29	Birth Weight, Ethnicity, and Exposure to Trihalomethanes and Haloacetic Acids in Drinking Water during Pregnancy in the Born in Bradford Cohort. Environmental Health Perspectives, 2016, 124, 681-689.	2.8	37
30	BaySTDetect: detecting unusual temporal patterns in small area data via Bayesian model choice. Biostatistics, 2012, 13, 695-710.	0.9	32
31	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
32	Adjustment for Missing Confounders Using External Validation Data and Propensity Scores. Journal of the American Statistical Association, 2012, 107, 40-51.	1.8	30
33	Bayesian modelling of household solid fuel use: Insights towards designing effective interventions to promote fuel switching in Africa. Environmental Research, 2010, 110, 725-732.	3.7	27
34	Chlorination by-products in tap water and semen quality in England and Wales. Occupational and Environmental Medicine, 2013, 70, 754-760.	1.3	22
35	Methodological Issues in Analyzing Time Trends in Biologic Fertility: Protection Bias. American Journal of Epidemiology, 2009, 169, 285-293.	1.6	20
36	Practical experiences of adopting assurance as a quantitative framework to support decision making in drug development. Pharmaceutical Statistics, 2018, 17, 317-328.	0.7	18

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37	Inference from ecological models: Estimating the relative risk of stroke from air pollution exposure using small area data. Spatial and Spatio-temporal Epidemiology, 2010, 1, 123-131.	0.9	17
38	Evaluating the No Cold Calling Zones in Peterborough, England: Application of a Novel Statistical Method for Evaluating Neighbourhood Policing Policies. Environment and Planning A, 2013, 45, 2012-2026.	2.1	16
39	Reducing Patient Burden in Clinical Trials Through the Use of Historical Controls: Appropriate Selection of Historical Data to Minimize Risk of Bias. Therapeutic Innovation and Regulatory Science, 2020, 54, 850-860.	0.8	15
40	Assessing efficacy in important subgroups in confirmatory trials: An example using Bayesian dynamic borrowing. Pharmaceutical Statistics, 2021, 20, 551-562.	0.7	15
41	A causal modelling framework for reference-based imputation and tipping point analysis in clinical trials with quantitative outcome. Journal of Biopharmaceutical Statistics, 2020, 30, 334-350.	0.4	14
42	A novel equivalence probability weighted power prior for using historical control data in an adaptive clinical trial design: A comparison to standard methods. Pharmaceutical Statistics, 2021, 20, 462-484.	0.7	12
43	Shipman's statistical legacy. Significance, 2004, 1, 10-12.	0.3	10
44	Rejoinder to commentaries on â€˜The BUGS project: Evolution, critique and future directionsâ€™. Statistics in Medicine, 2009, 28, 3081-3082.	0.8	10
45	Structure and uncertainty: Graphical models for understanding complex data. Significance, 2005, 2, 177-181.	0.3	6
46	Time Trends in Biological Fertility in Western Europe. American Journal of Epidemiology, 2013, 178, 722-730.	1.6	6
47	Robust Bayesian Sensitivity Analysis for Caseâ€“Control Studies with Uncertain Exposure Misclassification Probabilities. International Journal of Biostatistics, 2015, 11, 135-49.	0.4	6
48	Chlorination disinfection by-products in drinking water and congenital anomalies: review and meta-analyses. Ciencia E Saude Coletiva, 2010, 15, 3109-3123.	0.1	4
49	Was Bristol an outlier?. Lancet, The, 2001, 358, 2084.	6.3	2
50	Improving Child Protection by Integrating Research Evidence and Clinical Experience. International Journal of Law, Policy and the Family, 2015, 29, 301-312.	0.1	2
51	Studying Human Fertility. Environmental Health Perspectives, 2004, 112, A604-5; author reply A605-6.	2.8	1
52	Quantile regression with aggregated data. Economics Letters, 2012, 117, 401-404.	0.9	1
53	Data-Driven Prior Distributions for A Bayesian Phase-2 COPD Dose-Finding Clinical Trial. Statistics in Biopharmaceutical Research, 2018, 10, 166-175.	0.6	1
54	Stillbirth and neonatal mortality due to congenital anomalies: temporal trends and variation by small area deprivation scores in England and Wales, 1986â€“96. Paediatric and Perinatal Epidemiology, 2001, 15, 364-373.	0.8	0