

David G Steel

List of Publications by Year in descending order

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44
papers

1,061
citations

687363

13
h-index

414414

32
g-index

45
all docs

45
docs citations

45
times ranked

1440
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of relative risk estimates from studies of the same population with contrasting response rates and designs. <i>BMC Medical Research Methodology</i> , 2010, 10, 26.	3.1	341
2	Multiple-Membership Multiple-Classification Models for Social Network and Group Dependences. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2014, 177, 439-455.	1.1	98
3	Scales, levels and processes: Studying spatial patterns of British census variables. <i>Computers, Environment and Urban Systems</i> , 2006, 30, 143-160.	7.1	75
4	Ignoring a Level in a Multilevel Model: Evidence from UK Census Data. <i>Environment and Planning A</i> , 2001, 33, 941-948.	3.6	62
5	Estimates of probable dementia prevalence from population-based surveys compared with dementia prevalence estimates based on meta-analyses. <i>BMC Neurology</i> , 2010, 10, 62.	1.8	62
6	Cohort profile: The Dynamic Analyses to Optimize Ageing (DYNOPTA) project. <i>International Journal of Epidemiology</i> , 2010, 39, 44-51.	1.9	62
7	Inclusion of mobile phone numbers into an ongoing population health survey in New South Wales, Australia: design, methods, call outcomes, costs and sample representativeness. <i>BMC Medical Research Methodology</i> , 2012, 12, 177.	3.1	37
8	Computerized dietary assessments compare well with interviewer administered diet histories for patients with type 2 diabetes mellitus in the primary healthcare setting. <i>Patient Education and Counseling</i> , 2008, 72, 49-55.	2.2	25
9	The case for small area microdata. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2005, 168, 29-49.	1.1	21
10	Ethnic inequalities in green space availability: Evidence from Australia. <i>Urban Forestry and Urban Greening</i> , 2021, 64, 127235.	5.3	19
11	The Information in Aggregate Data. , 2004, , 51-68.		18
12	Ecological inference techniques: an empirical evaluation using data describing gender and voter turnout at New Zealand elections, 1893-1919. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2010, 173, 185-213.	1.1	16
13	Voter Turnout in British South Asian Communities at the 2001 General Election. <i>British Journal of Politics and International Relations</i> , 2007, 9, 396-412.	2.7	15
14	Efficiency of split questionnaire surveys. <i>Journal of Statistical Planning and Inference</i> , 2011, 141, 1925-1932.	0.6	15
15	Inclusion of mobile telephone numbers into an ongoing population health survey in New South Wales, Australia, using an overlapping dual-frame design: impact on the time series. <i>BMC Research Notes</i> , 2014, 7, 517.	1.4	15
16	How to use replicate weights in health survey analysis using the National Nutrition and Physical Activity Survey as an example. <i>Public Health Nutrition</i> , 2019, 22, 3315-3326.	2.2	15
17	The Effect of using Household as a Sampling Unit. <i>International Statistical Review</i> , 2002, 70, 289-314.	1.9	13
18	Sampling within households in household surveys. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2007, 170, 63-82.	1.1	12

#	ARTICLE	IF	CITATIONS
19	The 2003 Australian Breast Health Survey: survey design and preliminary results. BMC Public Health, 2008, 8, 13.	2.9	12
20	Understanding ageing in older Australians: The contribution of the Dynamic Analyses to Optimise Ageing (DYNOPTA) project to the evidence base and policy. Australasian Journal on Ageing, 2011, 30, 24-31.	0.9	11
21	Developing a weighting strategy to include mobile phone numbers into an ongoing population health survey using an overlapping dual-frame design with limited benchmark information. BMC Medical Research Methodology, 2014, 14, 102.	3.1	11
22	QUALITY ISSUES IN TELEPHONE SURVEYS: COVERAGE, NON-RESPONSE and QUOTA SAMPLING. The Australian Journal of Statistics, 1996, 38, 15-34.	0.2	9
23	Towards nutrition education for adults: a systematic approach to the interface design of an online dietary assessment tool. International Journal of Learning Technology, 2007, 3, 32.	0.2	9
24	Identification of food groups for use in a self-administered, computer-assisted diet history interview for use in Australia. Journal of Food Composition and Analysis, 2009, 22, 130-136.	3.9	9
25	What Level of Statistical Model Should We Use in Small Area Estimation?. Australian and New Zealand Journal of Statistics, 2015, 57, 275-298.	0.9	9
26	Constraint Choice for Spatial Microsimulation. Population, Space and Place, 2016, 22, 568-583.	2.3	8
27	The impact of complex survey design on prevalence estimates of intakes of food groups in the Australian National Children's Nutrition and Physical Activity Survey. Public Health Nutrition, 2012, 15, 1362-1372.	2.2	7
28	An unconstrained statistical matching algorithm for combining individual and household level geo-specific census and survey data. Computers, Environment and Urban Systems, 2017, 63, 3-14.	7.1	7
29	Alcohol and smoking consumption behaviours in older Australian adults: prevalence, period and socio-demographic differentials in the DYNOPTA sample. Social Psychiatry and Psychiatric Epidemiology, 2013, 48, 493-502.	3.1	6
30	Empirical Zoning Distributions for Small Area Data. Geographical Analysis, 2016, 48, 373-390.	3.5	6
31	Seasonal Adjustment of an Aggregate Series Using Univariate and Multivariate Basic Structural Models. Journal of Statistical Theory and Practice, 2011, 5, 179-205.	0.5	5
32	Exploring a Relationship Between Aggregate and Individual Levels Spatial Data Through Semivariogram Models. Geographical Analysis, 2006, 38, 310-325.	3.5	4
33	Multivariate random effect models with complete and incomplete data. Journal of Multivariate Analysis, 2012, 109, 146-155.	1.0	4
34	Split Questionnaire Designs: collecting only the data that you need through MCAR and MAR designs. Journal of Applied Statistics, 2018, 45, 1465-1475.	1.3	4
35	Summary of the Impact of the Inclusion of Mobile Phone Numbers into the NSW Population Health Survey in 2012. AIMS Public Health, 2015, 2, 210-217.	2.6	4
36	Updating the DietAdvice website with new Australian food composition data. Journal of Food Composition and Analysis, 2009, 22, S37-S41.	3.9	3

#	ARTICLE	IF	CITATIONS
37	Measuring and Analyzing the within Group Homogeneity of Multi-Category Variables. Journal of Statistical Theory and Practice, 2011, 5, 649-658.	0.5	3
38	Creating local estimates from a population health survey: practical application of small area estimation methods. AIMS Public Health, 2020, 7, 403-424.	2.6	3
39	[Can We Reach Consensus on Census Adjustment?]: Comment. Statistical Science, 1994, 9, 517.	2.8	2
40	The impact of the mode of survey administration on estimates of daily smoking for mobile phone only users. BMC Medical Research Methodology, 2017, 17, 65.	3.1	2
41	Adaptive Inference for Multi-Stage Survey Data. Communications in Statistics Part B: Simulation and Computation, 2010, 39, 1334-1350.	1.2	1
42	Telephone surveys provide reliable information on risk behaviours and health status of Aboriginal and Torres Strait Islander people. Australian and New Zealand Journal of Public Health, 2013, 37, 91-92.	1.8	1
43	Univariate and multivariate approaches to seasonal adjustment of aggregate series of different lengths. Model Assisted Statistics and Applications, 2016, 11, 1-14.	0.3	0
44	Estimating the RMSE of Small Area Estimates without the Tears. Stats, 2021, 4, 931-942.	0.9	0