

Sylvia T Richardson

List of Publications by Year in descending order

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Version: 2024-02-01

211
papers

16,544
citations

26567

56
h-index

18075

120
g-index

226
all docs

226
docs citations

226
times ranked

20373
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast cancer and hormone replacement therapy: collaborative reanalysis of data from 51 epidemiological studies of 52â€™705 women with breast cancer and 108â€™411 women without breast cancer. <i>Lancet, The</i> , 1997, 350, 1047-1059.	6.3	2,328
2	On Bayesian Analysis of Mixtures with an Unknown Number of Components (with discussion). <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 1997, 59, 731-792.	1.1	1,507
3	Modifying the t Test for Assessing the Correlation Between Two Spatial Processes. <i>Biometrics</i> , 1993, 49, 305.	0.8	774
4	Menarche, menopause, and breast cancer risk: individual participant meta-analysis, including 118â€™964 women with breast cancer from 117 epidemiological studies. <i>Lancet Oncology, The</i> , 2012, 13, 1141-1151.	5.1	753
5	Assessing the Significance of the Correlation between Two Spatial Processes. <i>Biometrics</i> , 1989, 45, 123.	0.8	472
6	Interpreting Posterior Relative Risk Estimates in Disease-Mapping Studies. <i>Environmental Health Perspectives</i> , 2004, 112, 1016-1025.	2.8	405
7	A comparison of Bayesian spatial models for disease mapping. <i>Statistical Methods in Medical Research</i> , 2005, 14, 35-59.	0.7	403
8	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 75-90.	2.6	343
9	Whole-genome sequencing of patients with rare diseases in a national health system. <i>Nature</i> , 2020, 583, 96-102.	13.7	338
10	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. <i>Lancet Neurology, The</i> , 2019, 18, 923-934.	4.9	304
11	BASiCS: Bayesian Analysis of Single-Cell Sequencing Data. <i>PLoS Computational Biology</i> , 2015, 11, e1004333.	1.5	264
12	Hidden Markov Models and Disease Mapping. <i>Journal of the American Statistical Association</i> , 2002, 97, 1055-1070.	1.8	253
13	Transcriptional diversity during lineage commitment of human blood progenitors. <i>Science</i> , 2014, 345, 1251033.	6.0	253
14	Risk of adverse birth outcomes in populations living near landfill sites. <i>BMJ: British Medical Journal</i> , 2001, 323, 363-368.	2.4	235
15	Variable selection and Bayesian model averaging in case-control studies. <i>Statistics in Medicine</i> , 2001, 20, 3215-3230.	0.8	224
16	Haplotype and isoform specific expression estimation using multi-mapping RNA-seq reads. <i>Genome Biology</i> , 2011, 12, R13.	13.9	224
17	Modelling Heterogeneity With and Without the Dirichlet Process. <i>Scandinavian Journal of Statistics</i> , 2001, 28, 355-375.	0.9	199
18	Aircraft noise and cardiovascular disease near Heathrow airport in London: small area study. <i>BMJ, The</i> , 2013, 347, f5432-f5432.	3.0	188

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19	Replicable and Coupled Changes in Innate and Adaptive Immune Gene Expression in Two Case-Control Studies of Blood Microarrays in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2018, 83, 70-80.	0.7	158
20	Comparison of Relative Risks Obtained in Ecological and Individual Studies: Some Methodological Considerations. <i>International Journal of Epidemiology</i> , 1987, 16, 111-120.	0.9	149
21	Conditional independence models for epidemiological studies with covariate measurement error. <i>Statistics in Medicine</i> , 1993, 12, 1703-1722.	0.8	126
22	A Bayesian Approach to Measurement Error Problems in Epidemiology Using Conditional Independence Models. <i>American Journal of Epidemiology</i> , 1993, 138, 430-442.	1.6	126
23	Evolutionary stochastic search for Bayesian model exploration. <i>Bayesian Analysis</i> , 2010, 5, .	1.6	124
24	Improving ecological inference using individual-level data. <i>Statistics in Medicine</i> , 2006, 25, 2136-2159.	0.8	121
25	A gain-of-function variant in <i>DIAPH1</i> causes dominant macrothrombocytopenia and hearing loss. <i>Blood</i> , 2016, 127, 2903-2914.	0.6	121
26	Human phenotype ontology annotation and cluster analysis to unravel genetic defects in 707 cases with unexplained bleeding and platelet disorders. <i>Genome Medicine</i> , 2015, 7, 36.	3.6	119
27	Bayesian profile regression with an application to the National survey of children's health. <i>Biostatistics</i> , 2010, 11, 484-498.	0.9	118
28	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , 2020, 122, 95-107.	2.4	117
29	Phenotypic Characterization of <i>EIF2AK4</i> Mutation Carriers in a Large Cohort of Patients Diagnosed Clinically With Pulmonary Arterial Hypertension. <i>Circulation</i> , 2017, 136, 2022-2033.	1.6	111
30	Adjusting for selection bias in retrospective, case-control studies. <i>Biostatistics</i> , 2008, 10, 17-31.	0.9	106
31	Model criticism based on likelihood-free inference, with an application to protein network evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10576-10581.	3.3	106
32	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.	0.7	105
33	Meningococcal Disease and Influenza-like Syndrome: A New Approach to an Old Question. <i>Journal of Infectious Diseases</i> , 1992, 166, 542-545.	1.9	102
34	Spatial variation of natural radiation and childhood leukaemia incidence in Great Britain. <i>Statistics in Medicine</i> , 1995, 14, 2487-2501.	0.8	102
35	Empirical bayes estimates of cancer mortality rates using spatial models. <i>Statistics in Medicine</i> , 1991, 10, 95-112.	0.8	95
36	Space-time variability in burglary risk: A Bayesian spatio-temporal modelling approach. <i>Spatial Statistics</i> , 2014, 9, 180-191.	0.9	94

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37	Beyond comparisons of means: understanding changes in gene expression at the single-cell level. <i>Genome Biology</i> , 2016, 17, 70.	3.8	90
38	A dominant gain-of-function mutation in universal tyrosine kinase <i>SRC</i> causes thrombocytopenia, myelofibrosis, bleeding, and bone pathologies. <i>Science Translational Medicine</i> , 2016, 8, 328ra30.	5.8	87
39	ontologyX: a suite of R packages for working with ontological data. <i>Bioinformatics</i> , 2017, 33, 1104-1106.	1.8	86
40	Bayesian Hierarchical Model for Identifying Changes in Gene Expression from Microarray Experiments. <i>Journal of Computational Biology</i> , 2002, 9, 671-683.	0.8	85
41	Use of Space-Time Models to Investigate the Stability of Patterns of Disease. <i>Environmental Health Perspectives</i> , 2008, 116, 1111-1119.	2.8	85
42	Insight into Genotype-Phenotype Associations through eQTL Mapping in Multiple Cell Types in Health and Immune-Mediated Disease. <i>PLoS Genetics</i> , 2016, 12, e1005908.	1.5	80
43	PRemiuM : An R Package for Profile Regression Mixture Models Using Dirichlet Processes. <i>Journal of Statistical Software</i> , 2015, 64, 1-30.	1.8	76
44	Short-Term Effects of Sulphur Dioxide Pollution on Mortality in Two French Cities. <i>International Journal of Epidemiology</i> , 1989, 18, 186-197.	0.9	75
45	Statistical Methods in Integrative Genomics. <i>Annual Review of Statistics and Its Application</i> , 2016, 3, 181-209.	4.1	75
46	The RNA landscape of the human placenta in health and disease. <i>Nature Communications</i> , 2021, 12, 2639.	5.8	75
47	JAM: A Scalable Bayesian Framework for Joint Analysis of Marginal SNP Effects. <i>Genetic Epidemiology</i> , 2016, 40, 188-201.	0.6	74
48	Ecological Analysis of Digestive Cancer Mortality Related to Contamination by Diarrhetic Shellfish Poisoning Toxins along the Coasts of France. <i>Environmental Research</i> , 2000, 84, 145-150.	3.7	73
49	Breast cancer risk, nightwork, and circadian clock gene polymorphisms. <i>Endocrine-Related Cancer</i> , 2014, 21, 629-638.	1.6	71
50	Correcting the Mean-Variance Dependency for Differential Variability Testing Using Single-Cell RNA Sequencing Data. <i>Cell Systems</i> , 2018, 7, 284-294.e12.	2.9	71
51	Liposoluble vitamins and lipid parameters in breast cancer. A joint study in northern Italy and southern France. <i>International Journal of Cancer</i> , 1988, 42, 489-494.	2.3	70
52	Bayesian Detection of Expression Quantitative Trait Loci Hot Spots. <i>Genetics</i> , 2011, 189, 1449-1459.	1.2	70
53	Using Likelihood-Free Inference to Compare Evolutionary Dynamics of the Protein Networks of <i>H. pylori</i> and <i>P. falciparum</i> . <i>PLoS Computational Biology</i> , 2007, 3, e230.	1.5	69
54	Association of Sirtuin 1 (<i>SIRT1</i>) Gene SNPs and Transcript Expression Levels With Severe Obesity. <i>Obesity</i> , 2012, 20, 178-185.	1.5	68

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55	Hierarchical Related Regression for Combining Aggregate and Individual Data in Studies of Socio-Economic Disease Risk Factors. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2008, 171, 159-178.	0.6	66
56	A mixture model-based strategy for selecting sets of genes in multiclass response microarray experiments. <i>Bioinformatics</i> , 2004, 20, 2562-2571.	1.8	64
57	Detection of gene copy number changes in CGH microarrays using a spatially correlated mixture model. <i>Bioinformatics</i> , 2006, 22, 911-918.	1.8	63
58	Zinc and copper in breast cancer. A joint study in northern italy and southern france. <i>Cancer</i> , 1991, 67, 738-745.	2.0	61
59	Cancer risks in populations living near landfill sites in Great Britain. <i>British Journal of Cancer</i> , 2002, 86, 1732-1736.	2.9	61
60	HDL-Cholesterol and Breast Cancer: A Joint Study in Northern Italy and Southern France. <i>International Journal of Epidemiology</i> , 1993, 22, 772-780.	0.9	60
61	Modeling Markers of Disease Progression by a Hidden Markov Process: Application to Characterizing CD4 Cell Decline. <i>Biometrics</i> , 2000, 56, 733-741.	0.8	58
62	GUESS-ing Polygenic Associations with Multiple Phenotypes Using a GPU-Based Evolutionary Stochastic Search Algorithm. <i>PLoS Genetics</i> , 2013, 9, e1003657.	1.5	58
63	Equivalence of prospective and retrospective models in the Bayesian analysis of case-control studies. <i>Biometrika</i> , 2004, 91, 15-25.	1.3	57
64	Bayesian Modeling of Differential Gene Expression. <i>Biometrics</i> , 2006, 62, 10-18.	0.8	56
65	New Insights into the Genetic Control of Gene Expression using a Bayesian Multi-tissue Approach. <i>PLoS Computational Biology</i> , 2010, 6, e1000737.	1.5	55
66	Dissection of a Complex Disease Susceptibility Region Using a Bayesian Stochastic Search Approach to Fine Mapping. <i>PLoS Genetics</i> , 2015, 11, e1005272.	1.5	55
67	A hierarchical model for space-time surveillance data on meningococcal disease incidence. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2003, 52, 169-183.	0.5	54
68	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. <i>JAMA Neurology</i> , 2021, 78, 1137.	4.5	53
69	Relationship between vitamin E and polyunsaturated fatty acids in breast cancer. Nutritional and metabolic aspects. <i>Cancer</i> , 1989, 64, 2347-2353.	2.0	51
70	Platelet function is modified by common sequence variation in megakaryocyte super enhancers. <i>Nature Communications</i> , 2017, 8, 16058.	5.8	50
71	Phenotype Similarity Regression for Identifying the Genetic Determinants of Rare Diseases. <i>American Journal of Human Genetics</i> , 2016, 98, 490-499.	2.6	49
72	Alcohol consumption in a case-control study of breast cancer in southern france. <i>International Journal of Cancer</i> , 1989, 44, 84-89.	2.3	48

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73	Occupational Risk Factors for Acute Leukaemia: A Case-Control Study. <i>International Journal of Epidemiology</i> , 1992, 21, 1063-1073.	0.9	48
74	BGX: a fully Bayesian integrated approach to the analysis of Affymetrix GeneChip data. <i>Biostatistics</i> , 2005, 6, 349-373.	0.9	48
75	Mixture models in measurement error problems, with reference to epidemiological studies. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2002, 165, 549-566.	0.6	47
76	On the variance of the sample correlation between two independent lattice processes. <i>Journal of Applied Probability</i> , 1981, 18, 943-948.	0.4	46
77	Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes. <i>American Journal of Human Genetics</i> , 2018, 103, 3-18.	2.6	46
78	Comparing the Characteristics of Gene Expression Profiles Derived by Univariate and Multivariate Classification Methods. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2008, 7, Article7.	0.2	45
79	Examining the Joint Effect of Multiple Risk Factors Using Exposure Risk Profiles: Lung Cancer in Nonsmokers. <i>Environmental Health Perspectives</i> , 2011, 119, 84-91.	2.8	45
80	Identifying Vulnerable Populations through an Examination of the Association Between Multipollutant Profiles and Poverty. <i>Environmental Science & Technology</i> , 2011, 45, 7754-7760.	4.6	44
81	Differential coexpression analysis of obesity-associated networks in human subcutaneous adipose tissue. <i>International Journal of Obesity</i> , 2012, 36, 137-147.	1.6	42
82	Lymphoma, multiple myeloma and leukaemia among French farmers in relation to pesticide exposure. <i>Social Science and Medicine</i> , 1993, 37, 771-777.	1.8	41
83	Biases in ecological studies: utility of including within-area distribution of confounders. , 2000, 19, 45-59.		41
84	A Bayesian Model of NMR Spectra for the Deconvolution and Quantification of Metabolites in Complex Biological Mixtures. <i>Journal of the American Statistical Association</i> , 2012, 107, 1259-1271.	1.8	41
85	Bayesian hierarchical models in ecological studies of health-environment effects. <i>Environmetrics</i> , 2003, 14, 129-147.	0.6	40
86	Bayesian graphical models for regression on multiple data sets with different variables. <i>Biostatistics</i> , 2009, 10, 335-351.	0.9	40
87	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 20, 627-638.	4.9	40
88	Geographic density of landfill sites and risk of congenital anomalies in England. <i>Occupational and Environmental Medicine</i> , 2008, 66, 81-89.	1.3	39
89	Bayesian Analysis of Poisson Mixtures. <i>Journal of Nonparametric Statistics</i> , 2002, 14, 181-202.	0.4	37
90	Sampling from Dirichlet process mixture models with unknown concentration parameter: mixing issues in large data implementations. <i>Statistics and Computing</i> , 2015, 25, 1023-1037.	0.8	37

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91	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. American Journal of Human Genetics, 2018, 103, 144-153.	2.6	36
92	Antioxidants in Female Breast Cancer Patients. Cancer Investigation, 1991, 9, 421-428.	0.6	35
93	Flexible dose-response models for Japanese atomic bomb survivor data: Bayesian estimation and prediction of cancer risk. Radiation and Environmental Biophysics, 2004, 43, 233-245.	0.6	34
94	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. Lancet Neurology, The, 2022, 21, 153-162.	4.9	34
95	A time series construction of an alert threshold with application to S. Bovismorbificans in France. Statistics in Medicine, 1991, 10, 1493-1509.	0.8	32
96	BaySTDetect: detecting unusual temporal patterns in small area data via Bayesian model choice. Biostatistics, 2012, 13, 695-710.	0.9	32
97	Exploring Data From Genetic Association Studies Using Bayesian Variable Selection and the Dirichlet Process: Application to Searching for Gene \tilde{A} — Gene Patterns. Genetic Epidemiology, 2012, 36, 663-674.	0.6	32
98	Bayesian analysis of case-control studies with categorical covariates. Biometrika, 2001, 88, 1073-1088.	1.3	31
99	A Fast Association Test for Identifying Pathogenic Variants Involved in Rare Diseases. American Journal of Human Genetics, 2017, 101, 104-114.	2.6	31
100	Adjustment for Missing Confounders Using External Validation Data and Propensity Scores. Journal of the American Statistical Association, 2012, 107, 40-51.	1.8	30
101	Acute leukaemia in workers exposed to electromagnetic fields. European Journal of Cancer & Clinical Oncology, 1990, 26, 1119-1120.	0.9	29
102	Childhood leukemia incidence in the vicinity of La Hague nuclear-waste reprocessing facility (France). Cancer Causes and Control, 1993, 4, 341-343.	0.8	29
103	<i>ESS</i>: a C++ objected-oriented algorithm for Bayesian stochastic search model exploration. Bioinformatics, 2011, 27, 587-588.	1.8	29
104	Association of Environmental Insecticide Exposure and Fetal Growth With a Bayesian Model Including Multiple Exposure Sources: The PELAGIE Mother-Child Cohort. American Journal of Epidemiology, 2012, 175, 1182-1190.	1.6	29
105	WVWX tumour suppressor gene polymorphisms and ovarian cancer pathology and prognosis. European Journal of Cancer, 2010, 46, 818-825.	1.3	28
106	Bayesian regression discontinuity designs: incorporating clinical knowledge in the causal analysis of primary care data. Statistics in Medicine, 2015, 34, 2334-2352.	0.8	28
107	Improving local prevalence estimates of SARS-CoV-2 infections using a causal debiasing framework. Nature Microbiology, 2022, 7, 97-107.	5.9	27
108	Identifying Cell Types from Spatially Referenced Single-Cell Expression Datasets. PLoS Computational Biology, 2014, 10, e1003824.	1.5	26

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109	Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. <i>American Journal of Human Genetics</i> , 2017, 100, 334-342.	2.6	26
110	Vitesse de convergence du théorème de la limite centrale pour des champs faiblement dépendants. <i>Zeitschrift für Wahrscheinlichkeitstheorie Und Verwandte Gebiete</i> , 1984, 66, 297-314.	0.8	25
111	A Bayesian model of time activity data to investigate health effect of air pollution in time series studies. <i>Atmospheric Environment</i> , 2011, 45, 379-386.	1.9	25
112	MT-HESS: an efficient Bayesian approach for simultaneous association detection in OMICS datasets, with application to eQTL mapping in multiple tissues. <i>Bioinformatics</i> , 2016, 32, 523-532.	1.8	25
113	Simplified Bayesian Sensitivity Analysis for Mismeasured and Unobserved Confounders. <i>Biometrics</i> , 2010, 66, 1129-1137.	0.8	24
114	A semi-parametric approach to estimate risk functions associated with multi-dimensional exposure profiles: application to smoking and lung cancer. <i>BMC Medical Research Methodology</i> , 2013, 13, 129.	1.4	24
115	Principles of Experimental Design for Big Data Analysis. <i>Statistical Science</i> , 2017, 32, 385-404.	1.6	24
116	Stochastic Algorithms for Markov Models Estimation with Intermittent Missing Data. <i>Biometrics</i> , 1999, 55, 565-573.	0.8	22
117	Timing of human immunodeficiency virus type 1 (HIV-1) transmission from mother to child: Bayesian estimation using a mixture. , 1999, 18, 815-833.		22
118	Fully Bayesian Mixture Model for Differential Gene Expression: Simulations and Model Checks. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2007, 6, Article36.	0.2	22
119	Using Statistical Models To Identify Factors That Have a Role in Defining the Abundance of Ions Produced by Tandem MS. <i>Analytical Chemistry</i> , 2007, 79, 5601-5607.	3.2	22
120	MMBGX: a method for estimating expression at the isoform level and detecting differential splicing using whole-transcript Affymetrix arrays. <i>Nucleic Acids Research</i> , 2010, 38, e4-e4.	6.5	22
121	The pattern of risk factors for breast cancer in a southern France population. Interest for a stratified analysis by age at diagnosis. <i>British Journal of Cancer</i> , 1991, 64, 919-925.	2.9	21
122	Tail Posterior Probability for Inference in Pairwise and Multiclass Gene Expression Data. <i>Biometrics</i> , 2007, 63, 1117-1125.	0.8	21
123	Studying place effects on health by synthesising individual and area-level outcomes. <i>Social Science and Medicine</i> , 2008, 67, 1995-2006.	1.8	21
124	Blood Pressure Differences Associated With Optimal Macronutrient Intake Trial for Heart Health (OMNIHEART) – Like Diet Compared With a Typical American Diet. <i>Hypertension</i> , 2014, 64, 1198-1204.	1.3	21
125	R2GUESS : A Graphics Processing Unit-Based R Package for Bayesian Variable Selection Regression of Multivariate Responses. <i>Journal of Statistical Software</i> , 2016, 69, .	1.8	21
126	Multidimensional analysis of the effect of occupational exposure to organic solvents on lung cancer risk: the ICARE study. <i>Occupational and Environmental Medicine</i> , 2016, 73, 368-377.	1.3	21

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127	Imputation of Ordinal Outcomes: A Comparison of Approaches in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 455-463.	1.7	21
128	Analysis of disease risks using ancillary risk factors, with application to jobâ€“exposure matrices. <i>Statistics in Medicine</i> , 1992, 11, 1443-1463.	0.8	20
129	Accounting for Pregnancy Dependence in Epidemiologic Studies of Reproductive Outcomes. <i>Epidemiology</i> , 1997, 8, 629.	1.2	20
130	Using Bayesian graphical models to model biases in observational studies and to combine multiple sources of data: application to low birth weight and water disinfection by-products. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2009, 172, 615-637.	0.6	20
131	Bayesian shared spatialâ€“component models to combine and borrow strength across sparse disease surveillance sources. <i>Biometrical Journal</i> , 2012, 54, 385-404.	0.6	20
132	Weibull regression with Bayesian variable selection to identify prognostic tumour markers of breast cancer survival. <i>Statistical Methods in Medical Research</i> , 2017, 26, 414-436.	0.7	20
133	Bayesian Models for Sparse Regression Analysis of High Dimensional Data*. , 2011, , 539-568.		20
134	Down syndrome in births near landfill sites. <i>Prenatal Diagnosis</i> , 2007, 27, 1191-1196.	1.1	19
135	BGX: a Bioconductor package for the Bayesian integrated analysis of Affymetrix GeneChips. <i>BMC Bioinformatics</i> , 2007, 8, 439.	1.2	19
136	Hierarchical priors for bias parameters in Bayesian sensitivity analysis for unmeasured confounding. <i>Statistics in Medicine</i> , 2012, 31, 383-396.	0.8	19
137	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	1.5	19
138	Ecological bias and confounding. <i>International Journal of Epidemiology</i> , 1990, 19, 764-766.	0.9	18
139	Risk of cancer in the vicinity of municipal solid waste incinerators: importance of using a flexible modelling strategy. <i>International Journal of Health Geographics</i> , 2009, 8, 31.	1.2	18
140	A Bayesian approach to multipoint mapping in nuclear families. <i>Genetic Epidemiology</i> , 1997, 14, 903-908.	0.6	17
141	SOME COMMENTS ON MISSPECIFICATION OF PRIORS IN BAYESIAN MODELLING OF MEASUREMENT ERROR PROBLEMS. , 1997, 16, 203-213.		17
142	Projection of cancer risks from the Japanese atomic bomb survivors to the England and Wales population taking into account uncertainty in risk parameters. <i>Radiation and Environmental Biophysics</i> , 2000, 39, 241-252.	0.6	17
143	Glycomics investigation into insulin action. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 652-668.	1.1	17
144	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.	0.9	17

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145	Plasma proteome analysis in HTLV-1-associated myelopathy/tropical spastic paraparesis. <i>Retrovirology</i> , 2011, 8, 81.	0.9	17
146	A genome-wide association study of outcome from traumatic brain injury. <i>EBioMedicine</i> , 2022, 77, 103933.	2.7	17
147	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.	2.1	16
148	Two-pronged Strategy for Using DIC to Compare Selection Models with Non-Ignorable Missing Responses. <i>Bayesian Analysis</i> , 2012, 7, .	1.6	15
149	Modelling the annual risk of tuberculosis infection.. <i>International Journal of Epidemiology</i> , 1997, 26, 190-203.	0.9	14
150	Spatio-temporal patterns of bladder cancer incidence in Utah (1973-2004) and their association with the presence of toxic release inventory sites. <i>International Journal of Health Geographics</i> , 2011, 10, 16.	1.2	14
151	Bayesian Non-Parametric Models for Spatially Indexed Data of Mixed Type. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 973-999.	1.1	14
152	Time varying association between deprivation, ethnicity and SARS-CoV-2 infections in England: A population-based ecological study. <i>Lancet Regional Health - Europe</i> , The, 2022, 15, 100322.	3.0	14
153	Modelling of an Epidemiological Time Series by a Threshold Autoregressive Model. <i>Journal of the Royal Statistical Society: Series D (the Statistician)</i> , 1995, 44, 353.	0.2	13
154	Statistical tools for synthesizing lists of differentially expressed features in related experiments. <i>Genome Biology</i> , 2007, 8, R54.	13.9	13
155	Balancing the Robustness and Predictive Performance of Biomarkers. <i>Journal of Computational Biology</i> , 2013, 20, 979-989.	0.8	13
156	A Bayesian partition model for case-control studies on highly polymorphic candidate genes. <i>Genetic Epidemiology</i> , 2002, 22, 356-368.	0.6	12
157	A powerful method for detecting differentially expressed genes from GeneChip arrays that does not require replicates. <i>BMC Bioinformatics</i> , 2006, 7, 353.	1.2	12
158	Bayesian analysis of the multivariate geographical distribution of the socio-economic environment in England. <i>Environmetrics</i> , 2007, 18, 745-758.	0.6	12
159	Protocol for the development of the Wales Multimorbidity e-Cohort (WMC): data sources and methods to construct a population-based research platform to investigate multimorbidity. <i>BMJ Open</i> , 2021, 11, e047101.	0.8	12
160	A method for testing the significance of geographical correlations with application to industrial lung cancer in France. <i>Statistics in Medicine</i> , 1990, 9, 515-528.	0.8	11
161	Discussion on the meeting on 'Statistical modelling and analysis of genetic data'. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2002, 64, 737-775.	1.1	11
162	Medical event profiling of COPD patients. <i>Pharmacoepidemiology and Drug Safety</i> , 2004, 13, 547-555.	0.9	11

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