Adrian E Raftery

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106 papers	30,284 citations	46 h-index	108 g-index
108 ext. papers	35,014 ext. citations	3.5 avg, IF	7.49 L-index

#	Paper	IF	Citations
106	Bayes Factors. *Journal of the American Statistical Association*, **1995**, 90, 773-795	2.8	9727
105	Bayesian Model Selection in Social Research. *Sociological Methodology*, **1995**, 25, 111	2.6	3398
104	Model-Based Clustering, Discriminant Analysis, and Density Estimation. *Journal of the American Statistical Association*, **2002**, 97, 611-631	2.8	2572
103	Strictly Proper Scoring Rules, Prediction, and Estimation. *Journal of the American Statistical Association*, **2007**, 102, 359-378	2.8	2125
102	Bayes Factors		1826
101	Using Bayesian Model Averaging to Calibrate Forecast Ensembles. *Monthly Weather Review*, **2005**, 133, 1155-1174	2.4	1117
100	Bayesian Model Averaging for Linear Regression Models. *Journal of the American Statistical Association*, **1997**, 92, 179-191	2.8	1034
99	Latent Space Approaches to Social Network Analysis. *Journal of the American Statistical Association*, **2002**, 97, 1090-1098	2.8	837
98	World population stabilization unlikely this century. *Science*, **2014**, 346, 234-7	33.3	805
97	Model Selection and Accounting for Model Uncertainty in Graphical Models Using Occam's Window. *Journal of the American Statistical Association*, **1994**, 89, 1535-1546	2.8	680
96	Calibrated Probabilistic Forecasting Using Ensemble Model Output Statistics and Minimum CRPS Estimation. *Monthly Weather Review*, **2005**, 133, 1098-1118	2.4	568
95	Less Than 2 °C Warming by 2100 Unlikely. *Nature Climate Change*, **2017**, 7, 637-641	21.4	339
94	MCLUST: Software for Model-Based Cluster Analysis. *Journal of Classification*, **1999**, 16, 297-306	1.2	298
93	Variable Selection for Model-Based Clustering. *Journal of the American Statistical Association*, **2006**, 101, 168-178	2.8	293
92	Probabilistic Quantitative Precipitation Forecasting Using Bayesian Model Averaging. *Monthly Weather Review*, **2007**, 135, 3209-3220	2.4	261
91	Detecting Features in Spatial Point Processes with Clutter via Model-Based Clustering. *Journal of the American Statistical Association*, **1998**, 93, 294-302	2.8	243
90	Computing Bayes Factors by Combining Simulation and Asymptotic Approximations. *Journal of the American Statistical Association*, **1997**, 92, 903-915	2.8	215

89	Bayesian Model Averaging for Linear Regression Models		203
88	Variable selection and Bayesian model averaging in case-control studies. *Statistics in Medicine*, **2001**, 20, 3215-30	2.3	186
87	Nearest-Neighbor Clutter Removal for Estimating Features in Spatial Point Processes. *Journal of the American Statistical Association*, **1998**, 93, 577-584	2.8	171
86	Probabilistic Wind Speed Forecasting Using Ensembles and Bayesian Model Averaging. *Journal of the American Statistical Association*, **2010**, 105, 25-35	2.8	165
85	Default priors and predictive performance in Bayesian model averaging, with application to growth determinants. *Journal of Applied Econometrics*, **2011**, 26, 30-55	2.2	156
84	Model Selection and Accounting for Model Uncertainty in Graphical Models Using Occam's Window		153
83	Bayesian probabilistic population projections for all countries. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 13915-21	11.5	142
82	Inference from a Deterministic Population Dynamics Model for Bowhead Whales. *Journal of the American Statistical Association*, **1995**, 90, 402-416	2.8	138
81	Inference in model-based cluster analysis. *Statistics and Computing*, **1997**, 7, 1-10	1.8	128
80	Estimating Bayes Factors via Posterior Simulation with the Laplace□Metropolis Estimator. *Journal of the American Statistical Association*, **1997**, 92, 648-655	2.8	126
79	Bayesian probabilistic projections of life expectancy for all countries. *Demography*, **2013**, 50, 777-801	3.5	111
78	Ice Floe Identification in Satellite Images Using Mathematical Morphology and Clustering about Principal Curves. *Journal of the American Statistical Association*, **1992**, 87, 7-16	2.8	111
77	Estimating and Projecting Trends in HIV/AIDS Generalized Epidemics Using Incremental Mixture Importance Sampling. *Biometrics*, **2010**, 66, 1162-73	1.8	90
76	Calibrated Surface Temperature Forecasts from the Canadian Ensemble Prediction System Using Bayesian Model Averaging. *Monthly Weather Review*, **2007**, 135, 1364-1385	2.4	83
75	Computing Bayes Factors by Combining Simulation and Asymptotic Approximations		68
74	Bayesian Multidimensional Scaling and Choice of Dimension. *Journal of the American Statistical Association*, **2001**, 96, 1031-1044	2.8	67
73	Modeling Flat Stretches, Bursts Outliers in Time Series Using Mixture Transition Distribution Models. *Journal of the American Statistical Association*, **1996**, 91, 1504-1515	2.8	64
72	Are births underreported in rural China? Manipulation of statistical records in response to China□ population policies. *Demography*, **2000**, 37, 109-126	3.5	63

71	Fast Inference for the Latent Space Network Model Using a Case-Control Approximate Likelihood. *Journal of Computational and Graphical Statistics*, **2012**, 21, 901-919	1.4	60
70	Calibrated Probabilistic Mesoscale Weather Field Forecasting. *Journal of the American Statistical Association*, **2004**, 99, 575-583	2.8	60
69	Fast Bayesian inference for gene regulatory networks using ScanBMA. *BMC Systems Biology*, **2014**, 8, 47	3.5	58
68	Combining Spatial Statistical and Ensemble Information in Probabilistic Weather Forecasts. *Monthly Weather Review*, **2007**, 135, 1386-1402	2.4	57
67	clustvarsel: A Package Implementing Variable Selection for Gaussian Model-Based Clustering in R. *Journal of Statistical Software*, **2018**, 84,	7.3	57
66	Detecting Features in Spatial Point Processes with Clutter via Model-Based Clustering		56
65	Estimation of emigration, return migration, and transit migration between all pairs of countries. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 116-122	11.5	52
64	Bayesian Population Projections for the United Nations. *Statistical Science*, **2014**, 29, 58-68	2.4	51
63	Local Adaptive Importance Sampling for Multivariate Densities with Strong Nonlinear Relationships. *Journal of the American Statistical Association*, **1996**, 91, 132-141	2.8	49
62	Ice Floe Identification in Satellite Images Using Mathematical Morphology and Clustering about Principal Curves		47
61	Nearest-Neighbor Variance Estimation (NNVE). *Journal of the American Statistical Association*, **2002**, 97, 994-1019	2.8	46
60	Improved initialisation of model-based clustering using Gaussian hierarchical partitions. *Advances in Data Analysis and Classification*, **2015**, 9, 447-460	1.8	41
59	Eliciting prior information to enhance the predictive performance of bayesian graphical models. *Communications in Statistics - Theory and Methods*, **1995**, 24, 2271-2292	0.5	41
58	Incremental Model-Based Clustering for Large Datasets With Small Clusters. *Journal of Computational and Graphical Statistics*, **2005**, 14, 529-546	1.4	40
57	Nearest-Neighbor Clutter Removal for Estimating Features in Spatial Point Processes		40
56	Model-Based Clustering With Dissimilarities: A Bayesian Approach. *Journal of Computational and Graphical Statistics*, **2007**, 16, 559-585	1.4	39
55	Model-Based Clustering for Image Segmentation and Large Datasets via Sampling. *Journal of Classification*, **2004**, 21, 231-253	1.2	38
54	Bayesian Variable and Transformation Selection in Linear Regression. *Journal of Computational and Graphical Statistics*, **2002**, 11, 485-507	1.4	36

53	Inference and Prediction for a General Order Statistic Model with Unknown Population Size. *Journal of the American Statistical Association*, **1987**, 82, 1163-1168	2.8	36
52	Interlocking directorates in Irish companies using a latent space model for bipartite networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6629-34	11.5	35
51	Bayesian uncertainty assessment in multicompartment deterministic simulation models for environmental risk assessment. *Environmetrics*, **2003**, 14, 355-371	1.3	35
50	Inference from a Deterministic Population Dynamics Model for Bowhead Whales		33
49	Probabilistic population projections with migration uncertainty. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6460-5	11.5	31
48	Probabilistic Weather Forecasting for Winter Road Maintenance. *Journal of the American Statistical Association*, **2010**, 105, 522-537	2.8	29
47	Country-based rate of emissions reductions should increase by 80% beyond nationally determined contributions to meet the 2 ℃ target. *Communications Earth & Environment*, **2021**, 2,	6.1	28
46	Bayesian Additive Regression Trees using Bayesian Model Averaging. *Statistics and Computing*, **2018**, 28, 869-890	1.8	26
45	Bayesian Probabilistic Projection of International Migration. *Demography*, **2015**, 52, 1627-50	3.5	25
44	Computing Normalizing Constants for Finite Mixture Models via Incremental Mixture Importance Sampling (IMIS). *Journal of Computational and Graphical Statistics*, **2006**, 15, 712-734	1.4	25
43	Estimating Population Size Using the Network Scale Up Method. *Annals of Applied Statistics*, **2015**, 9, 1247-1277	2.1	24
42	Probabilistic Visibility Forecasting Using Bayesian Model Averaging. *Monthly Weather Review*, **2011**, 139, 1626-1636	2.4	24
41	Estimating Bowhead Whale Population Size and Rate of Increase from the 1993 Census. *Journal of the American Statistical Association*, **1998**, 93, 451-463	2.8	24
40	Discharge Rates of Medicare Stroke Patients to Skilled Nursing Facilities: Bayesian Logistic Regression with Unobserved Heterogeneity. *Journal of the American Statistical Association*, **1996**, 91, 29-41	2.8	23
39	Estimating uncertainty in respondent-driven sampling using a tree bootstrap method. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14668-14673	11.5	22
38	Model-Based Clustering With Data Correction For Removing Artifacts In Gene Expression Data. *Annals of Applied Statistics*, **2016**, 11, 1998-2026	2.1	21
37	Markov Chain Monte Carlo With Mixtures of Mutually Singular Distributions. *Journal of Computational and Graphical Statistics*, **2008**, 17, 949-975	1.4	18
36	Properties of latent variable network models. *Network Science*, **2016**, 4, 407-432	2.9	18

35	Inference and Prediction for a General Order Statistic Model with Unknown Population Size		17
34	Bayesian robust transformation and variable selection: A unified approach. *Canadian Journal of Statistics*, **2009**, 37, 361-380	0.4	16
33	Estimating SARS-CoV-2 infections from deaths, confirmed cases, tests, and random surveys. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	16
32	RATE OF INCREASE, 1978–1988, OF BOWHEAD WHALES, BALAENA MYSTICETUS, ESTIMATED FROM ICE-BASED CENSUS DATA. *Marine Mammal Science*, **1991**, 7, 105-122	1.9	15
31	Local Adaptive Importance Sampling for Multivariate Densities with Strong Nonlinear Relationships		14
30	Modeling age-specific mortality for countries with generalized HIV epidemics. *PLoS ONE*, **2014**, 9, e96447	3.7	12
29	: Probabilistic Population Projections. *Journal of Statistical Software*, **2016**, 75,	7.3	12
28	Improved Sea Ice Forecasting through Spatiotemporal Bias Correction. *Journal of Climate*, **2017**, 30, 9493–9510	4.4	11
27	Detecting Mines in Minefields With Linear Characteristics. *Technometrics*, **2002**, 44, 34-44	1.4	11
26	Estimating Bowhead Whale Population Size and Rate of Increase from the 1993 Census		10
25	Quality Control and Robust Estimation for cDNA Microarrays With Replicates. *Journal of the American Statistical Association*, **2006**, 101, 30-40	2.8	8
24	Estimating the Sizes of Populations At Risk of HIV Infection From Multiple Data Sources Using a Bayesian Hierarchical Model. *Statistics and Its Interface*, **2015**, 8, 125-136	0.4	8
23	Integration of Multiple Data Sources for Gene Network Inference Using Genetic Perturbation Data. *Journal of Computational Biology*, **2019**, 26, 1113-1129	1.7	6
22	Classification of Mixtures of Spatial Point Processes via Partial Bayes Factors. *Journal of Computational and Graphical Statistics*, **2005**, 14, 139-154	1.4	6
21	fastBMA: scalable network inference and transitive reduction. *GigaScience*, **2017**, 6, 1-10	7.6	5
20	Probabilistic projection of subnational total fertility rates. *Demographic Research*, **2018**, 38, 1843-1884	1	5
19	Bayesian Morphology: Fast Unsupervised Bayesian Image Analysis. *Journal of the American Statistical Association*, **1999**, 94, 555-568	2.8	4
18	ESTIMATING AND FORECASTING THE SMOKING-ATTRIBUTABLE MORTALITY FRACTION FOR BOTH GENDERS JOINTLY IN OVER 60 COUNTRIES. *Annals of Applied Statistics*, **2020**, 14, 381-408	2.1	4

17	Variable selection and Bayesian model averaging in case-control studies **2001**, 20, 3215		4
16	CyNetworkBMA: a Cytoscape app for inferring gene regulatory networks. *Source Code for Biology and Medicine*, **2015**, 10, 11	1.9	3
15	C301. How many nuclear reactor accidents?. *Journal of Statistical Computation and Simulation*, **1988**, 29, 347-350	0.9	3
14	Comparing Model Selection and Regularization Approaches to Variable Selection in Model-Based Clustering **2014**, 155, 57-71		2
13	Discharge Rates of Medicare Stroke Patients to Skilled Nursing Facilities: Bayesian Logistic Regression with Unobserved Heterogeneity		2
12	Probabilistic forecasting of maximum human lifespan by 2100 using Bayesian population projections. *Demographic Research*,44, 1271-1294	1	2
11	Identifying Dynamical Time Series Model Parameters from Equilibrium Samples, with Application to Gene Regulatory Networks. *Statistical Modelling*, **2019**, 19, 444-465	0.7	1
10	Statistics in Sociology, 19502000. *Journal of the American Statistical Association*, **2000**, 95, 654-661	2.8	1
9	Probabilistic population forecasting: Short to very long-term. *International Journal of Forecasting*, **2021**,	5.3	1
8	ACCOUNTING FOR UNCERTAINTY ABOUT PAST VALUES IN PROBABILISTIC PROJECTIONS OF THE TOTAL FERTILITY RATE FOR MOST COUNTRIES. *Annals of Applied Statistics*, **2020**, 14, 685-705	2.1	1
7	Balancing Inferential Integrity and Disclosure Risk Via Model Targeted Masking and Multiple Imputation. *Journal of the American Statistical Association*,1-15	2.8	1
6	Adaptive Incremental Mixture Markov Chain Monte Carlo. *Journal of Computational and Graphical Statistics*, **2019**, 28, 790-805	1.4	0
5	Probabilistic Forecasts of Arctic Sea Ice Thickness. *Journal of Agricultural, Biological, and Environmental Statistics*,1	1.9	0
4	Comparing methods for statistical inference with model uncertainty.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2120737119	11.5	0
3	C351. What is the probability of a serious nuclear reactor accident?. *Journal of Statistical Computation and Simulation*, **1990**, 36, 31-34	0.9	
2	Will this be a record-breaking century for human longevity?. *Significance*, **2021**, 18, 6-7	0.5	
1	Derivation of Diagnostic Gene Predictors for the Progression of Chronic Myeloid Leukemia from Microarray Data and Independent PCR Validation. *Blood*, **2008**, 112, 3211-3211	2.2	