A Philip Dawid

List of Publications by Year
in descending order

132 papers	8,114 citations	76326 40 h-index	53230 85 g-index
156 all docs	156 docs citations	156 times ranked	4530 citing authors

#	Article	IF	Citations
1	Maximum Likelihood Estimation of Observer Error-Rates Using the EM Algorithm. Journal of the Royal Statistical Society Series C: Applied Statistics, 1979, 28, 20.	1.0	781
2	Present Position and Potential Developments: Some Personal Views: Statistical Theory: The Prequential Approach. Journal of the Royal Statistical Society Series A (General), 1984, 147, 278.	0.6	768
3	Bayesian Analysis in Expert Systems. Statistical Science, 1993, 8, 219.	2.8	470
4	Conditional Independence in Statistical Theory. Journal of the Royal Statistical Society Series B: Methodological, 1979, 41, 1-15.	0.7	384
5	Independence properties of directed markov fields. Networks, 1990, 20, 491-505.	2.7	370
6	The Well-Calibrated Bayesian. Journal of the American Statistical Association, 1982, 77, 605-610.	3.1	357
7	Causal Inference without Counterfactuals. Journal of the American Statistical Association, 2000, 95, 407-424.	3.1	352
8	Hyper Markov Laws in the Statistical Analysis of Decomposable Graphical Models. Annals of Statistics, 1993, 21, 1272.	2.6	312
9	Some matrix-variate distribution theory: Notational considerations and a Bayesian application. Biometrika, 1981, 68, 265-274.	2.4	291
10	Game theory, maximum entropy, minimum discrepancy and robust Bayesian decision theory. Annals of Statistics, 2004, 32, .	2.6	240
11	Applications of a general propagation algorithm for probabilistic expert systems. Statistics and Computing, 1992, 2, 25-36.	1.5	202
12	Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, 161-189.	1.9	162
13	Properties of Diagnostic Data Distributions. Biometrics, 1976, 32, 647.	1.4	151
14	Calibration-Based Empirical Probability. Annals of Statistics, 1985, 13, 1251.	2.6	115
15	Prequential Probability: Principles and Properties. Bernoulli, 1999, 5, 125.	1.3	107
16	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
17	Probabilistic Expert Systems for Forensic Inference from Genetic Markers. Scandinavian Journal of Statistics, 2002, 29, 577-595.	1.4	105
18	The Well-Calibrated Bayesian. Journal of the American Statistical Association, 1982, 77, 605.	3.1	98

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19	Probabilistic expert systems for DNA mixture profiling. Theoretical Population Biology, 2003, 63, 191-205.	1.1	97
20	Coherent dispersion criteria for optimal experimental design. Annals of Statistics, 1999, 27, .	2.6	95
21	Posterior expectations for large observations. Biometrika, 1973, 60, 664-667.	2.4	93
22	The Functional-Model Basis of Fiducial Inference. Annals of Statistics, 1982, 10, 1054.	2.6	90
23	The geometry of proper scoring rules. Annals of the Institute of Statistical Mathematics, 2007, 59, 77-93.	0.8	90
24	Conditional Independence for Statistical Operations. Annals of Statistics, 1980, 8, 598.	2.6	88
25	Probabilistic sensitivity analysis in health economics. Statistical Methods in Medical Research, 2015, 24, 615-634.	1.5	88
26	Non-fatherhood or mutation?. Forensic Science International, 2001, 124, 55-61.	2.2	70
27	Marginalization Paradoxes in Bayesian and Structural Inference. Journal of the Royal Statistical Society Series B: Methodological, 1973, 35, 189-213.	0.7	65
28	Proper local scoring rules. Annals of Statistics, 2012, 40, .	2.6	65
29	Causal Inference Without Counterfactuals. Journal of the American Statistical Association, 2000, 95, 407.	3.1	65
30	Object-oriented Bayesian networks for complex forensic DNA profiling problems. Forensic Science International, 2007, 169, 195-205.	2.2	63
31	The Difficulty About Conjunction. Journal of the Royal Statistical Society: Series D (the Statistician), 1987, 36, 91.	0.2	62
32	Coherent combination of experts' opinions. Test, 1995, 4, 263-313.	1.1	62
33	On Testing the Validity of Sequential Probability Forecasts. Journal of the American Statistical Association, 1993, 88, 355-359.	3.1	56
34	Self-Calibrating Priors Do Not Exist: Comment. Journal of the American Statistical Association, 1985, 80, 340.	3.1	55
35	Theory and applications of proper scoring rules. Metron, 2014, 72, 169-183.	1.2	54
36	Probability, Causality and the Empirical World: A Bayesâ€“de Finettiâ€“Popperâ€“ Borel Synthesis. Statistical Science, 2004, 19, 44.	2.8	53

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37	Object-oriented graphical representations of complex patterns of evidence. Law, Probability and Risk, 2007, 6, 275-293.	2.4	51
38	Identifying the consequences of dynamic treatment strategies: A decision-theoretic overview. Statistics Surveys, 2010, 4, .	11.3	50
39	Fitting Science Into Legal Contexts. Sociological Methods and Research, 2014, 43, 359-390.	6.8	46
40	Likelihood and Bayesian Inference from Selectively Reported Data. Journal of the American Statistical Association, 1977, 72, 845-850.	3.1	44
41	Statistical Causality from a Decision-Theoretic Perspective. Annual Review of Statistics and Its Application, 2015, 2, 273-303.	7.0	43
42	Un-Bayesian implications of improper Bayes inference in routine statistical problems. Biometrika, 1972, 59, 369-375.	2.4	42
43	Causal Inference without Counterfactuals. Applied Logic Series, 2001, , 37-74.	0.3	37
44	On the limiting normality of posterior distributions. Mathematical Proceedings of the Cambridge Philosophical Society, 1970, 67, 625-633.	0.4	36
45	Selection paradoxes of Bayesian inference. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1994, 24, 211-220.	1.0	33
46	Commentary: Counterfactuals: help or hindrance?. International Journal of Epidemiology, 2002, 31, 429-430.	1.9	32
47	Minimum Scoring Rule Inference. Scandinavian Journal of Statistics, 2016, 43, 123-138.	1.4	32
48	Extendibility of spherical matrix distributions. Journal of Multivariate Analysis, 1978, 8, 559-566.	1.0	30
49	A Bayesian Analysis of Hume's Argument Concerning Miracles. Philosophical Quarterly, 1989, 39, 57.	0.5	30
50	A Commentary on Statistical Assessment of Violence Recidivism Risk. Statistics and Public Policy (Philadelphia, Pa), 2015, 2, 1-18.	1.6	30
51	Estimating mutation rates from paternity casework. Forensic Science International: Genetics, 2008, 2, 9-18.	3.1	29
52	Prequential data analysis. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1992, , 113-126.	1.0	29
53	Proper local scoring rules on discrete sample spaces. Annals of Statistics, 2012, 40, .	2.6	28
54	Bayesian Model Selection Based on Proper Scoring Rules. Bayesian Analysis, 2015, 10, .	3.0	28

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55	From Statistical Evidence to Evidence of Causality. Bayesian Analysis, 2016, 11, .	3.0	28
56	The Well-Calibrated Bayesian: Rejoinder. Journal of the American Statistical Association, 1982, 77, 612.	3.1	27
57	Further Comments on Some Comments on a Paper by Bradley Efron. Annals of Statistics, 1977, 5, 1249.	2.6	26
58	Likelihood and Bayesian Inference from Selectively Reported Data. Journal of the American Statistical Association, 1977, 72, 845.	3.1	26
59	A comment on the PCAST report: Skip the â€œmatchâ€¦â€œnon-matchâ€•stage. Forensic Science International, 2017, 272, e7-e9.	2.2	25
60	Bayesian Statistics 5.. Biometrics, 1998, 54, 1676.	1.4	23
61	On individual risk. SynthÃˆse, 2017, 194, 3445-3474.	1.1	23
62	Expectation consistency of inverse probability distributions. Biometrika, 1972, 59, 486-489.	2.4	22
63	Invariant distributions and analysis of variance models. Biometrika, 1977, 64, 291-297.	2.4	22
64	Forensic identification with imperfect evidence. Biometrika, 1998, 85, 835-849.	2.4	22
65	A statistical treatment of biases affecting the estimation of mutation rates. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 547, 19-33.	1.0	21
66	On Testing the Validity of Sequential Probability Forecasts. Journal of the American Statistical Association, 1993, 88, 355.	3.1	19
67	Some Misleading Arguments Involving Conditional Independence. Journal of the Royal Statistical Society Series B: Methodological, 1979, 41, 249-252.	0.7	18
68	Expectation Consistency and Generalized Bayes Inference. Annals of Statistics, 1973, 1, 478.	2.6	17
69	Fast retraction of evidence in a probabilistic expert system. Statistics and Computing, 1992, 2, 37-40.	1.5	17
70	Decision-theoretic foundations for statistical causality. Journal of Causal Inference, 2021, 9, 39-77.	1.2	17
71	Posterior Model Probabilities. , 2011, , 607-630.		15
72	"Imagine a Can Opener"--The Magic of Principal Stratum Analysis. International Journal of Biostatistics, 2012, 8, 19.	0.7	15

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73	Extended conditional independence and applications in causal inference. Annals of Statistics, 2017, 45, .	2.6	15
74	The probability of causation1. Law, Probability and Risk, 2017, 16, 163-179.	2.4	15
75	Defining and identifying the effect of treatment on the treated. , 2011, , 728-749.		15
76	Probability, Symmetry and Frequency. British Journal for the Philosophy of Science, 1985, 36, 107-128.	2.3	13
77	Statistics on trial. Significance, 2005, 2, 6-8.	0.4	13
78	Statistical Prediction Analysis.. Journal of the Royal Statistical Society Series A (General), 1978, 141, 110.	0.6	12
79	Fisherian Inference in Likelihood and Prequential Frames of Reference. Journal of the Royal Statistical Society Series B: Methodological, 1991, 53, 79-100.	0.7	11
80	Who Needs Counterfactuals?. , 1999, , 33-50.		11
81	Symmetry Models and Hypotheses for Structured Data Layouts. Journal of the Royal Statistical Society Series B: Methodological, 1988, 50, 1-21.	0.7	10
82	Insuring against loss of evidence in game-theoretic probability. Statistics and Probability Letters, 2011, 81, 157-162.	0.7	10
83	A Bayesian look at nuisance parameters. Trabajos De EstadÃstica Y De InvestigaciÃ³n Operativa, 1980, 31, 167-203.	0.1	9
84	On the Causes of Effects. Sociological Methods and Research, 2015, 44, 165-174.	6.8	9
85	[Bayesian Analysis in Expert Systems]: Rejoinder. Statistical Science, 1993, 8, .	2.8	9
86	Effects of Causes and Causes of Effects. Annual Review of Statistics and Its Application, 2022, 9, 261-287.	7.0	9
87	Forensic likelihood ratio: Statistical problems and pitfalls. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 73-75.	2.1	8
88	Using a Graphical Method to Assist the Evaluation of Complicated Patterns of Evidence. Journal of Forensic Sciences, 1997, 42, 226-231.	1.6	8
89	Comment: Causal Inference from Messy Data. Journal of the American Statistical Association, 1984, 79, 22-24.	3.1	7
90	Hybrid propagation in junction trees. Lecture Notes in Computer Science, 1995, , 85-97.	1.3	7

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91	Estimation of spatial processes using local scoring rules. AStA Advances in Statistical Analysis, 2013, 97, 173-179.	0.9	7
92	Fiducial Prediction and Semi-Bayesian Inference. Annals of Statistics, 1993, 21, 1119.	2.6	6
93	A Formal Treatment of Sequential Ignorability. Statistics in Biosciences, 2014, 6, 166-188.	1.2	6
94	A note on Bayesian model selection for discrete data using proper scoring rules. Statistics and Probability Letters, 2017, 129, 101-106.	0.7	6
95	Encyclopedia of Statistical Sciences 2.. Biometrics, 1984, 40, 286.	1.4	5
96	On the Nature and Discovery of Structure: Comment. Journal of the American Statistical Association, 1984, 79, 22.	3.1	5
97	Discussion of the Papers by Rissanen and by Wallace and Dowe. Computer Journal, 1999, 42, 323-326.	2.4	5
98	Causal Inference Without Counterfactuals: Rejoinder. Journal of the American Statistical Association, 2000, 95, 444.	3.1	5
99	Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, 161.	1.9	5
100	Deep determinism and the assessment of mechanistic interaction. Biostatistics, 2013, 14, 502-513.	1.5	5
101	Inference Networks: Bayes and Wigmore. , 2011, , .		5
102	Remarks on: â€œPaternity analysis in special fatherless cases without direct testing of alleged fatherâ€• [Forensic Science International 146S (2004) S159â€“S161]. Forensic Science International, 2006, 163, 158-160.	2.2	4
103	Structural Markov graph laws for Bayesian model uncertainty. Annals of Statistics, 2015, 43, .	2.6	4
104	Resolving some contradictions in the theory of linear opinion pools. Theory and Decision, 2020, 88, 453-456.	1.0	4
105	Exchangeability and its ramifications. , 2013, , 19-30.		4
106	Bounding the Probability of Causation in Mediation Analysis. , 2016, , 75-84.		4
107	Bounding Causes of Effects With Mediators. Sociological Methods and Research, 2024, 53, 28-56.	6.8	4
108	Causal diagrams for empirical research. Biometrika, 1995, 82, 689-690.	2.4	3

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109	Stochastic mechanistic interaction. Biometrika, 2016, 103, 89-102.	2.4	3
110	Basu on Ancillarity. , 2011, , 5-8.		3
111	Bayesâ€™s Theorem and Weighing Evidence by Juries. , 2005, , .		3
112	Counterfactuals: help or hindrance?. International Journal of Epidemiology, 2002, 31, 429-30; discussion 435-8.	1.9	3
113	Theoretical Statistics.. Journal of the American Statistical Association, 1976, 71, 998.	3.1	2
114	Corrigenda: Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, .	1.9	2
115	Comments on: Assessing probabilistic forecasts ofÂmultivariate quantities, with an application toÂensemble predictions of surface winds. Test, 2008, 17, 243-244.	1.1	2
116	Response to: DNA identification by pedigree likelihood ratio accommodating population substructure and mutations. Investigative Genetics, 2011, 2, 7.	3.3	2
117	Authorsâ€™ Response to Comments on Fitting Science Into Legal Contexts. Sociological Methods and Research, 2014, 43, 416-421.	6.8	2
118	Discussion of â€œOn the Birnbaum Argument for the Strong Likelihood Principleâ€• Statistical Science, 2014, 29, .	2.8	2
119	Sufficient Covariate, Propensity Variable and Doubly Robust Estimation. ICSA Book Series in Statistics, 2016, , 49-89.	0.2	2
120	The Tale Wags the DAG. , 2022, , 557-574.		2
121	Discussion of Causal Diagrams for Empirical Research by J. Pearl. Biometrika, 1995, 82, 689.	2.4	1
122	Statistics on trial. Medicine, Science and the Law, 2007, 47, 11-13.	1.0	1
123	Retrospective-prospective symmetry in the likelihood and Bayesian analysis of case-control studies. Biometrika, 2014, 101, 189-204.	2.4	1
124	Rejoinder: Calibration-Based Empirical Probability. Annals of Statistics, 1985, 13, .	2.6	1
125	[Savage Revisited]: Comment. Statistical Science, 1986, 1, .	2.8	1
126	Discussion: On the Consistency of Bayes Estimates. Annals of Statistics, 1986, 14, 40.	2.6	0

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127	Still further remarks on: â€œPaternity analysis in special fatherless case without direct testing of alleged fatherâ€•[Forensic Science International 146S (2004) S159â€“S161] and remarks on it [FSI 163 (2006) 158â€“160, FSI 172 (2007) e6â€“e8]. Forensic Science International, 2011, 207, e63.	2.2	0
128	Proposer of the Vote of Thanks to Glenn Shafer and Contribution to The Discussion of â€˜Testing by Betting: A Strategy for Statistical and Scientific Communicationâ€™. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 432-433.	1.1	0
129	The HyvÃrinen scoring rule in Gaussian linear time series models. Journal of Statistical Planning and Inference, 2021, 212, 126-140.	0.6	0
130	[Inference Based on Estimating Functions in the Presence of Nuisance Parameters]: Comment. Statistical Science, 1995, 10, .	2.8	0
131	Correction: Hyper Markov Laws in the Statistical Analysis of Decomposable Graphical Models. Annals of Statistics, 1995, 23, .	2.6	0
132	Probability and Evidence. , 0, , 403-422.		0