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	Bounding Causes of Effects With Mediators. Sociological Methods and Research, 2024, 53, 28-56.	6.8	4
2	Effects of Causes and Causes of Effects. Annual Review of Statistics and Its Application, 2022, 9, 261-287.	7.0	9
3	The Tale Wags the DAG. , 2022, , 557-574.		2
4	Decision-theoretic foundations for statistical causality. Journal of Causal Inference, 2021, 9, 39-77.	1.2	17
5	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
6	The HyvÃrinen scoring rule in Gaussian linear time series models. Journal of Statistical Planning and Inference, 2021, 212, 126-140.	0.6	0
7	Resolving some contradictions in the theory of linear opinion pools. Theory and Decision, 2020, 88, 453-456.	1.0	4
8	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
9	On individual risk. SynthÃˆse, 2017, 194, 3445-3474.	1.1	23
10	Forensic likelihood ratio: Statistical problems and pitfalls. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 73-75.	2.1	8
11	A note on Bayesian model selection for discrete data using proper scoring rules. Statistics and Probability Letters, 2017, 129, 101-106.	0.7	6
12	Extended conditional independence and applications in causal inference. Annals of Statistics, 2017, 45, .	2.6	15
13	A comment on the PCAST report: Skip the â€œmatchâ€/â€œnon-matchâ€•stage. Forensic Science International, 2017, 272, e7-e9.	2.2	25
14	The probability of causation1. Law, Probability and Risk, 2017, 16, 163-179.	2.4	15
15	From Statistical Evidence to Evidence of Causality. Bayesian Analysis, 2016, 11, .	3.0	28
16	Minimum Scoring Rule Inference. Scandinavian Journal of Statistics, 2016, 43, 123-138.	1.4	32
17	Sufficient Covariate, Propensity Variable and Doubly Robust Estimation. ICSA Book Series in Statistics, 2016, , 49-89.	0.2	2
18	Stochastic mechanistic interaction. Biometrika, 2016, 103, 89-102.	2.4	3

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19	Bounding the Probability of Causation in Mediation Analysis. , 2016, , 75-84.		4
20	Structural Markov graph laws for Bayesian model uncertainty. Annals of Statistics, 2015, 43, .	2.6	4
21	Bayesian Model Selection Based on Proper Scoring Rules. Bayesian Analysis, 2015, 10, .	3.0	28
22	A Commentary on Statistical Assessment of Violence Recidivism Risk. Statistics and Public Policy (Philadelphia, Pa), 2015, 2, 1-18.	1.6	30
23	Statistical Causality from a Decision-Theoretic Perspective. Annual Review of Statistics and Its Application, 2015, 2, 273-303.	7.0	43
24	On the Causes of Effects. Sociological Methods and Research, 2015, 44, 165-174.	6.8	9
25	Probabilistic sensitivity analysis in health economics. Statistical Methods in Medical Research, 2015, 24, 615-634.	1.5	88
26	Retrospective-prospective symmetry in the likelihood and Bayesian analysis of case-control studies. Biometrika, 2014, 101, 189-204.	2.4	1
27	Authorsâ€™ Response to Comments on Fitting Science Into Legal Contexts. Sociological Methods and Research, 2014, 43, 416-421.	6.8	2
28	Fitting Science Into Legal Contexts. Sociological Methods and Research, 2014, 43, 359-390.	6.8	46
29	A Formal Treatment of Sequential Ignorability. Statistics in Biosciences, 2014, 6, 166-188.	1.2	6
30	Theory and applications of proper scoring rules. Metron, 2014, 72, 169-183.	1.2	54
31	Discussion of â€œOn the Birnbaum Argument for the Strong Likelihood Principleâ€• Statistical Science, 2014, 29, .	2.8	2
32	Estimation of spatial processes using local scoring rules. AStA Advances in Statistical Analysis, 2013, 97, 173-179.	0.9	7
33	Deep determinism and the assessment of mechanistic interaction. Biostatistics, 2013, 14, 502-513.	1.5	5
34	Exchangeability and its ramifications. , 2013, , 19-30.		4
35	"Imagine a Can Opener"--The Magic of Principal Stratum Analysis. International Journal of Biostatistics, 2012, 8, 19.	0.7	15
36	Proper local scoring rules on discrete sample spaces. Annals of Statistics, 2012, 40, .	2.6	28

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37	Proper local scoring rules. Annals of Statistics, 2012, 40, .	2.6	65
38	Posterior Model Probabilities. , 2011, , 607-630.		15
39	Response to: DNA identification by pedigree likelihood ratio accommodating population substructure and mutations. Investigative Genetics, 2011, 2, 7.	3.3	2
40	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
41	Insuring against loss of evidence in game-theoretic probability. Statistics and Probability Letters, 2011, 81, 157-162.	0.7	10
42	Basu on Ancillarity. , 2011, , 5-8.		3
43	Defining and identifying the effect of treatment on the treated. , 2011, , 728-749.		15
44	Inference Networks: Bayes and Wigmore. , 2011, , .		5
45	Identifying the consequences of dynamic treatment strategies: A decision-theoretic overview. Statistics Surveys, 2010, 4, .	11.3	50
46	Comments on: Assessing probabilistic forecasts ofÂmultivariate quantities, with an application toÂensemble predictions of surface winds. Test, 2008, 17, 243-244.	1.1	2
47	Estimating mutation rates from paternity casework. Forensic Science International: Genetics, 2008, 2, 9-18.	3.1	29
48	Object-oriented graphical representations of complex patterns of evidence. Law, Probability and Risk, 2007, 6, 275-293.	2.4	51
49	Statistics on trial. Medicine, Science and the Law, 2007, 47, 11-13.	1.0	1
50	Object-oriented Bayesian networks for complex forensic DNA profiling problems. Forensic Science International, 2007, 169, 195-205.	2.2	63
51	The geometry of proper scoring rules. Annals of the Institute of Statistical Mathematics, 2007, 59, 77-93.	0.8	90
52	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
53	Statistics on trial. Significance, 2005, 2, 6-8.	0.4	13
54	Bayesâ€™s Theorem and Weighing Evidence by Juries. , 2005, , .		3

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55	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
56	Probability, Causality and the Empirical World: A Bayesâ€“de Finettiâ€“Popperâ€“ Borel Synthesis. Statistical Science, 2004, 19, 44.	2.8	53
57	Game theory, maximum entropy, minimum discrepancy and robust Bayesian decision theory. Annals of Statistics, 2004, 32, .	2.6	240
58	Probabilistic expert systems for DNA mixture profiling. Theoretical Population Biology, 2003, 63, 191-205.	1.1	97
59	Commentary: Counterfactuals: help or hindrance?. International Journal of Epidemiology, 2002, 31, 429-430.	1.9	32
60	Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, 161.	1.9	5
61	Corrigenda: Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, .	1.9	2
62	Probabilistic Expert Systems for Forensic Inference from Genetic Markers. Scandinavian Journal of Statistics, 2002, 29, 577-595.	1.4	105
63	Influence Diagrams for Causal Modelling and Inference. International Statistical Review, 2002, 70, 161-189.	1.9	162
64	Counterfactuals: help or hindrance?. International Journal of Epidemiology, 2002, 31, 429-30; discussion 435-8.	1.9	3
65	Non-fatherhood or mutation?. Forensic Science International, 2001, 124, 55-61.	2.2	70
66	Causal Inference without Counterfactuals. Applied Logic Series, 2001, , 37-74.	0.3	37
67	Causal Inference without Counterfactuals. Journal of the American Statistical Association, 2000, 95, 407-424.	3.1	352
68	Causal Inference Without Counterfactuals: Rejoinder. Journal of the American Statistical Association, 2000, 95, 444.	3.1	5
69	Causal Inference Without Counterfactuals. Journal of the American Statistical Association, 2000, 95, 407.	3.1	65
70	Discussion of the Papers by Rissanen and by Wallace and Dowe. Computer Journal, 1999, 42, 323-326.	2.4	5
71	Prequential Probability: Principles and Properties. Bernoulli, 1999, 5, 125.	1.3	107
72	Coherent dispersion criteria for optimal experimental design. Annals of Statistics, 1999, 27, .	2.6	95

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73	Who Needs Counterfactuals?. , 1999, , 33-50.		11
74	Forensic identification with imperfect evidence. Biometrika, 1998, 85, 835-849.	2.4	22
75	Bayesian Statistics 5.. Biometrics, 1998, 54, 1676.	1.4	23
76	Using a Graphical Method to Assist the Evaluation of Complicated Patterns of Evidence. Journal of Forensic Sciences, 1997, 42, 226-231.	1.6	8
77	Discussion of Causal Diagrams for Empirical Research by J. Pearl. Biometrika, 1995, 82, 689.	2.4	1
78	Coherent combination of experts' opinions. Test, 1995, 4, 263-313.	1.1	62
79	Hybrid propagation in junction trees. Lecture Notes in Computer Science, 1995, , 85-97.	1.3	7
80	Causal diagrams for empirical research. Biometrika, 1995, 82, 689-690.	2.4	3
81	[Inference Based on Estimating Functions in the Presence of Nuisance Parameters]: Comment. Statistical Science, 1995, 10, .	2.8	0
82	Correction: Hyper Markov Laws in the Statistical Analysis of Decomposable Graphical Models. Annals of Statistics, 1995, 23, .	2.6	0
83	Selection paradoxes of Bayesian inference. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1994, 24, 211-220.	1.0	33
84	On Testing the Validity of Sequential Probability Forecasts. Journal of the American Statistical Association, 1993, 88, 355.	3.1	19
85	Bayesian Analysis in Expert Systems. Statistical Science, 1993, 8, 219.	2.8	470
86	On Testing the Validity of Sequential Probability Forecasts. Journal of the American Statistical Association, 1993, 88, 355-359.	3.1	56
87	Fiducial Prediction and Semi-Bayesian Inference. Annals of Statistics, 1993, 21, 1119.	2.6	6
88	Hyper Markov Laws in the Statistical Analysis of Decomposable Graphical Models. Annals of Statistics, 1993, 21, 1272.	2.6	312
89	[Bayesian Analysis in Expert Systems]: Rejoinder. Statistical Science, 1993, 8, .	2.8	9
90	Applications of a general propagation algorithm for probabilistic expert systems. Statistics and Computing, 1992, 2, 25-36.	1.5	202

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91	Fast retraction of evidence in a probabilistic expert system. Statistics and Computing, 1992, 2, 37-40.	1.5	17
92	Prequential data analysis. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1992, , 113-126.	1.0	29
93	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
94	Independence properties of directed markov fields. Networks, 1990, 20, 491-505.	2.7	370
95	A Bayesian Analysis of Hume's Argument Concerning Miracles. Philosophical Quarterly, 1989, 39, 57.	0.5	30
96	Symmetry Models and Hypotheses for Structured Data Layouts. Journal of the Royal Statistical Society Series B: Methodological, 1988, 50, 1-21.	0.7	10
97	The Difficulty About Conjunction. Journal of the Royal Statistical Society: Series D (the Statistician), 1987, 36, 91.	0.2	62
98	Discussion: On the Consistency of Bayes Estimates. Annals of Statistics, 1986, 14, 40.	2.6	0
99	[Savage Revisited]: Comment. Statistical Science, 1986, 1, .	2.8	1
100	Calibration-Based Empirical Probability. Annals of Statistics, 1985, 13, 1251.	2.6	115
101	Probability, Symmetry and Frequency. British Journal for the Philosophy of Science, 1985, 36, 107-128.	2.3	13
102	Self-Calibrating Priors Do Not Exist: Comment. Journal of the American Statistical Association, 1985, 80, 340.	3.1	55
103	Rejoinder: Calibration-Based Empirical Probability. Annals of Statistics, 1985, 13, .	2.6	1
104	Comment: Causal Inference from Messy Data. Journal of the American Statistical Association, 1984, 79, 22-24.	3.1	7
105	Encyclopedia of Statistical Sciences 2.. Biometrics, 1984, 40, 286.	1.4	5
106	On the Nature and Discovery of Structure: Comment. Journal of the American Statistical Association, 1984, 79, 22.	3.1	5
107	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
108	The Well-Calibrated Bayesian. Journal of the American Statistical Association, 1982, 77, 605-610.	3.1	357

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109	The Functional-Model Basis of Fiducial Inference. Annals of Statistics, 1982, 10, 1054.	2.6	90
110	The Well-Calibrated Bayesian: Rejoinder. Journal of the American Statistical Association, 1982, 77, 612.	3.1	27
111	The Well-Calibrated Bayesian. Journal of the American Statistical Association, 1982, 77, 605.	3.1	98
112	Some matrix-variate distribution theory: Notational considerations and a Bayesian application. Biometrika, 1981, 68, 265-274.	2.4	291
113	A Bayesian look at nuisance parameters. Trabajos De EstadÃstica Y De InvestigaciÃ³n Operativa, 1980, 31, 167-203.	0.1	9
114	Conditional Independence for Statistical Operations. Annals of Statistics, 1980, 8, 598.	2.6	88
115	Conditional Independence in Statistical Theory. Journal of the Royal Statistical Society Series B: Methodological, 1979, 41, 1-15.	0.7	384
116	Some Misleading Arguments Involving Conditional Independence. Journal of the Royal Statistical Society Series B: Methodological, 1979, 41, 249-252.	0.7	18
117	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
118	Extendibility of spherical matrix distributions. Journal of Multivariate Analysis, 1978, 8, 559-566.	1.0	30
119	Statistical Prediction Analysis.. Journal of the Royal Statistical Society Series A (General), 1978, 141, 110.	0.6	12
120	Likelihood and Bayesian Inference from Selectively Reported Data. Journal of the American Statistical Association, 1977, 72, 845-850.	3.1	44
121	Invariant distributions and analysis of variance models. Biometrika, 1977, 64, 291-297.	2.4	22
122	Further Comments on Some Comments on a Paper by Bradley Efron. Annals of Statistics, 1977, 5, 1249.	2.6	26
123	Likelihood and Bayesian Inference from Selectively Reported Data. Journal of the American Statistical Association, 1977, 72, 845.	3.1	26
124	Theoretical Statistics.. Journal of the American Statistical Association, 1976, 71, 998.	3.1	2
125	Properties of Diagnostic Data Distributions. Biometrics, 1976, 32, 647.	1.4	151
126	Posterior expectations for large observations. Biometrika, 1973, 60, 664-667.	2.4	93

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127	Expectation Consistency and Generalized Bayes Inference. Annals of Statistics, 1973, 1, 478.	2.6	17
128	Marginalization Paradoxes in Bayesian and Structural Inference. Journal of the Royal Statistical Society Series B: Methodological, 1973, 35, 189-213.	0.7	65
129	Un-Bayesian implications of improper Bayes inference in routine statistical problems. Biometrika, 1972, 59, 369-375.	2.4	42
130	Expectation consistency of inverse probability distributions. Biometrika, 1972, 59, 486-489.	2.4	22
131	On the limiting normality of posterior distributions. Mathematical Proceedings of the Cambridge Philosophical Society, 1970, 67, 625-633.	0.4	36
132	Probability and Evidence. , 0, , 403-422.		0