

# Ryan Martin

## List of Publications by Year in descending order

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35  
papers

563  
citations

840776

11  
h-index

752698

20  
g-index

39  
all docs

39  
docs citations

39  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferential Models: A Framework for Prior-Free Posterior Probabilistic Inference. Journal of the American Statistical Association, 2013, 108, 301-313.	3.1	105
2	A Flexible Bayesian Nonparametric Model for Predicting Future Insurance Claims. North American Actuarial Journal, 2017, 21, 228-241.	1.4	37
3	Calibrating general posterior credible regions. Biometrika, 2019, 106, 479-486.	2.4	37
4	A nonparametric empirical Bayes framework for large-scale multiple testing. Biostatistics, 2012, 13, 427-439.	1.5	34
5	Marginal Inferential Models: Prior-Free Probabilistic Inference on Interest Parameters. Journal of the American Statistical Association, 2015, 110, 1621-1631.	3.1	31
6	False confidence, non-additive beliefs, and valid statistical inference. International Journal of Approximate Reasoning, 2019, 113, 39-73.	3.3	25
7	On Recursive Bayesian Predictive Distributions. Journal of the American Statistical Association, 2018, 113, 1085-1093.	3.1	22
8	Satellite conjunction analysis and the false confidence theorem. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180565.	2.1	21
9	Plausibility Functions and Exact Frequentist Inference. Journal of the American Statistical Association, 2015, 110, 1552-1561.	3.1	20
10	Prior-Free Probabilistic Prediction of Future Observations. Technometrics, 2016, 58, 225-235.	1.9	18
11	Dirichlet process mixture models for insurance loss data. Scandinavian Actuarial Journal, 2018, 2018, 545-554.	1.7	17
12	Model misspecification, Bayesian versus credibility estimation, and Gibbs posteriors. Scandinavian Actuarial Journal, 2020, 2020, 634-649.	1.7	13
13	On an inferential model construction using generalized associations. Journal of Statistical Planning and Inference, 2018, 195, 105-115.	0.6	12
14	A semiparametric scale-mixture regression model and predictive recursion maximum likelihood. Computational Statistics and Data Analysis, 2016, 94, 75-85.	1.2	11
15	Frameworks for prior-free posterior probabilistic inference. Wiley Interdisciplinary Reviews: Computational Statistics, 2015, 7, 77-85.	3.9	10
16	A Statistical Inference Course Based on $p$ -Values. American Statistician, 2017, 71, 128-136.	1.6	10
17	Gibbs posterior inference on value-at-risk. Scandinavian Actuarial Journal, 2019, 2019, 548-557.	1.7	10
18	Random Sets and Exact Confidence Regions. Sankhya A, 2014, 76, 288-304.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Efficient simulation from a gamma distribution with small shape parameter. <i>Computational Statistics</i> , 2017, 32, 1767-1775.	1.5	8
20	Real-time Bayesian non-parametric prediction of solvency risk. <i>Annals of Actuarial Science</i> , 2019, 13, 67-79.	1.5	8
21	A review of Bayesian asymptotics in general insurance applications. <i>European Actuarial Journal</i> , 2017, 7, 231-255.	1.1	6
22	An Approximate Bayesian Marginal Likelihood Approach for Estimating Finite Mixtures. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2013, 42, 1533-1548.	1.2	5
23	On an algorithm for solving Fredholm integrals of the first kind. <i>Statistics and Computing</i> , 2019, 29, 645-654.	1.5	5
24	Empirical Priors and Coverage of Posterior Credible Sets in a Sparse Normal Mean Model. <i>Sankhya A</i> , 2020, 82, 477-498.	0.8	5
25	Bayesian Test of Normality Versus a Dirichlet Process Mixture Alternative. <i>Sankhya B</i> , 2021, 83, 66-96.	0.9	5
26	Exact prior-free probabilistic inference in a class of non-regular models. <i>Stat</i> , 2016, 5, 312-321.	0.4	4
27	Empirical Priors and Posterior Concentration Rates for a Monotone Density. <i>Sankhya A</i> , 2019, 81, 493-509.	0.8	4
28	Valid Model-Free Prediction of Future Insurance Claims. <i>North American Actuarial Journal</i> , 2021, 25, 473-483.	1.4	3
29	A Survey of Nonparametric Mixing Density Estimation via the Predictive Recursion Algorithm. <i>Sankhya B</i> , 2021, 83, 97-121.	0.9	3
30	A Comparison of Learning Rate Selection Methods in Generalized Bayesian Inference. <i>Bayesian Analysis</i> , 2023, 18, .	3.0	3
31	Comment: Settle the Unsettling: An Inferential Models Perspective. <i>Statistical Science</i> , 2021, 36, .	2.8	2
32	Estimating a Mixing Distribution on the Sphere Using Predictive Recursion. <i>Sankhya B</i> , 2022, 84, 596-626.	0.9	2
33	Bayesian estimation of sparse precision matrices in the presence of Gaussian measurement error. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.7	1
34	Imprecise credibility theory. <i>Annals of Actuarial Science</i> , 0, , 1-15.	1.5	1
35	Response to the comment Confidence in confidence distributions!. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200579.	2.1	1