Jacinto MartÃ-n

List of Publications by Year
in descending order

52 papers	1,113 citations	623734 14 h-index	414414 32 g-index
55 all docs	55 docs citations	55 times ranked	919 citing authors

#	Article	IF	Citations
1	An overview of robust Bayesian analysis. Test, 1994, 3, 5-124.	1.1	456
2	Addressing voice recording replications for Parkinsonâ€™s disease detection. Expert Systems With Applications, 2016, 46, 286-292.	7.6	110
3	A two-stage variable selection and classification approach for Parkinsonâ€™s disease detection by using voice recording replications. Computer Methods and Programs in Biomedicine, 2017, 142, 147-156.	4.7	86
4	Robust Bayesian Analysis. Handbook of Statistics, 2005, , 623-667.	0.6	38
5	Computer-aided diagnosis system: A Bayesian hybrid classification method. Computer Methods and Programs in Biomedicine, 2013, 112, 104-113.	4.7	33
6	Bayesian analysis of a generalized lognormal distribution. Computational Statistics and Data Analysis, 2009, 53, 1377-1387.	1.2	25
7	Sensitivity estimations for Bayesian inference models solved by MCMC methods. Reliability Engineering and System Safety, 2006, 91, 1310-1314.	8.9	20
8	Log-Linear Pool to Combine Prior Distributions: A Suggestion for a Calibration-Based Approach. Bayesian Analysis, 2012, 7, .	3.0	20
9	Addressing voice recording replications for tracking Parkinsonâ€™s disease progression. Medical and Biological Engineering and Computing, 2017, 55, 365-373.	2.8	20
10	Bayesian Forecasting for Accident Proneness Evaluation. Scandinavian Actuarial Journal, 1999, 1999, 134-156.	1.7	17
11	MCMC-based local parametric sensitivity estimations. Computational Statistics and Data Analysis, 2006, 51, 823-835.	1.2	17
12	Optimal actions in problems with convex loss functions. International Journal of Approximate Reasoning, 2009, 50, 303-314.	3.3	17
13	Robustness issues under imprecise beliefs and preferences. Journal of Statistical Planning and Inference, 1994, 40, 383-389.	0.6	15
14	Non-parametric Bayesian estimation for multitype branching processes through simulation-based methods. Computational Statistics and Data Analysis, 2008, 52, 1281-1291.	1.2	14
15	Logistic regression for simulating damage occurrence on a fruit grading line. Computers and Electronics in Agriculture, 2003, 39, 95-113.	7.7	13
16	Approximating nondominated sets in continuous multiobjective optimization problems. Naval Research Logistics, 2005, 52, 469-480.	2.2	13
17	Bayesian analysis of finite mixture models of distributions from exponential families. Computational Statistics, 2006, 21, 621-637.	1.5	13
18	Merging expertsâ€™ opinions: A Bayesian hierarchical model with mixture of prior distributions. European Journal of Operational Research, 2010, 207, 284-289.	5.7	12

#	Article	IF	Citations
19	Bayesian analysis of some models that use the asymmetric exponential power distribution. Statistics and Computing, 2015, 25, 497-514.	1.5	12
20	Quasi-Random Sampling Importance Resampling. Communications in Statistics Part B: Simulation and Computation, 2005, 34, 97-112.	1.2	9
21	Bayesian analysis of finite mixtures of multinomial and negative-multinomial distributions. Computational Statistics and Data Analysis, 2007, 51, 5452-5466.	1.2	9
22	A Bayesian hierarchical spatio-temporal model for extreme rainfall in Extremadura (Spain). Hydrological Sciences Journal, 2018, 63, 878-894.	2.6	9
23	Baseline Methods for the Parameter Estimation of the Generalized Pareto Distribution. Entropy, 2022, 24, 178.	2.2	9
24	Sensitivity analysis in statistical decision theory: A decision analytic view. Journal of Statistical Computation and Simulation, 1997, 57, 197-218.	1.2	8
25	A perceptual similarity method by pairwise comparison in a medical image case. Machine Vision and Applications, 2010, 21, 865-877.	2.7	8
26	The Non Dominated Set in Bayesian Decision Problems with Convex Loss Functions. Communications in Statistics - Theory and Methods, 2006, 35, 593-607.	1.0	7
27	A logistic regression-based pairwise comparison method to aggregate preferences. Group Decision and Negotiation, 2008, 17, 237-247.	3.3	7
28	New approaches to compute Bayes factor in finite mixture models. Computational Statistics and Data Analysis, 2010, 54, 3324-3335.	1.2	7
29	A Bayesian approach to aggregate expertsâ€™ initial information. Electronic Journal of Statistics, 2012, 6, .	0.7	7
30	Joint sensitivity in bayesian decision theory. Test, 2003, 12, 173-194.	1.1	6
31	Inference on exponential families with mixture of prior distributions. Computational Statistics and Data Analysis, 2009, 53, 3271-3280.	1.2	6
32	Adversarial life testing: A Bayesian negotiation model. Reliability Engineering and System Safety, 2014, 131, 118-125.	8.9	6
33	Bayesian binary regression with exponential power link. Computational Statistics and Data Analysis, 2014, 71, 464-476.	1.2	6
34	A Robust Bayesian Approach to an Optimal Replacement Policy for Gas Pipelines. Entropy, 2015, 17, 3656-3678.	2.2	6
35	Uncertainty in Beliefs and Preferences: Conditions for Optimal Alternatives. Annals of Mathematics and Artificial Intelligence, 2002, 35, 3-10.	1.3	4
36	Efficient generation of random vectors by using theÂratio-of-uniforms method with ellipsoidal envelopes. Statistics and Computing, 2008, 18, 209-217.	1.5	4

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37	Bayesian robustness for decision making problems: Applications in medical contexts. International Journal of Approximate Reasoning, 2009, 50, 315-323.	3.3	4
38	Local parametric sensitivity for mixture models of lifetime distributions. Reliability Engineering and System Safety, 2009, 94, 1238-1244.	8.9	4
39	Addressing misclassification for binary data: probit and t-link regressions. Journal of Statistical Computation and Simulation, 2014, 84, 2187-2213.	1.2	4
40	A hidden Markov model addressing measurement errors in the response and replicated covariates for continuous nondecreasing processes. Biostatistics, 2020, 21, 743-757.	1.5	4
41	Approximate Solutions to Semi Markov Decision Processes through Markov Chain Montecarlo Methods. Lecture Notes in Computer Science, 2003, , 151-162.	1.3	4
42	A Bayesian model for multinomial sampling with misclassified data. Journal of Applied Statistics, 2008, 35, 369-382.	1.3	3
43	A Bayesian approach for misclassified ordinal response data. Journal of Applied Statistics, 2019, 46, 2198-2215.	1.3	3
44	A Bayesian decision analysis approach to assess voice disorder risks by using acoustic features. Biometrical Journal, 2019, 61, 503-513.	1.0	3
45	Local sensitivity analysis in Bayesian decision theory. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1996, , 119-136.	1.0	3
46	$${mathcal{L}}_p$$ loss functions: a robust bayesian approach. Statistical Papers, 2009, 50, 501-509.	1.2	2
47	Baseline Methods for Bayesian Inference in Gumbel Distribution. Entropy, 2020, 22, 1267.	2.2	2
48	Computing Efficient Sets in Bayesian Decision Problems. Lecture Notes in Statistics, 2000, , 161-186.	0.2	2
49	A Bayesian negotiation model for quality and price in a multi-consumer context. Reliability Engineering and System Safety, 2016, 147, 132-141.	8.9	1
50	Skewed link-based regression models for misclassified binary data. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 1585-1599.	1.2	1
51	A note on the prior parameter choice in finite mixture models of distributions from exponential families. Computational Statistics, 2010, 25, 537-550.	1.5	0
52	A New Asymmetric Link-Based Binary Regression Model to Detect Parkinson's Disease by Using Replicated Voice Recordings. , 2018, , .		0