

# Igor Pruenster

## List of Publications by Year in descending order

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72  
papers

1,862  
citations

304743

22  
h-index

302126

39  
g-index

74  
all docs

74  
docs citations

74  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible clustering via hidden hierarchical Dirichlet priors. <i>Scandinavian Journal of Statistics</i> , 2023, 50, 213-234.	1.4	7
2	Inner spike and slab Bayesian nonparametric models. <i>Econometrics and Statistics</i> , 2023, 27, 120-135.	0.8	2
3	Asymptotic behavior of the number of distinct values in a sample from the geometric stick-breaking process. <i>Annals of the Institute of Statistical Mathematics</i> , 2022, 74, 143-165.	0.8	3
4	Survival analysis via hierarchically dependent mixture hazards. <i>Annals of Statistics</i> , 2021, 49, .	2.6	8
5	BNPdensity: Bayesian nonparametric mixture modelling in R. <i>Australian and New Zealand Journal of Statistics</i> , 2021, 63, 542-564.	0.9	1
6	Measuring dependence in the Wasserstein distance for Bayesian nonparametric models. <i>Annals of Statistics</i> , 2021, 49, .	2.6	10
7	Sampling hierarchies of discrete random structures. <i>Statistics and Computing</i> , 2020, 30, 1591-1607.	1.5	3
8	The Pitman-Yor multinomial process for mixture modelling. <i>Biometrika</i> , 2020, 107, 891-906.	2.4	14
9	Prior Sensitivity Analysis in a Semi-Parametric Integer-Valued Time Series Model. <i>Entropy</i> , 2020, 22, 69.	2.2	4
10	On the inferential implications of decreasing weight structures in mixture models. <i>Computational Statistics and Data Analysis</i> , 2020, 147, 106940.	1.2	7
11	Approximation of Bayesian models for time-to-event data. <i>Electronic Journal of Statistics</i> , 2020, 14, .	0.7	3
12	Bayesian Nonparametric Prediction with Multi-sample Data. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 113-121.	0.2	0
13	Distribution theory for hierarchical processes. <i>Annals of Statistics</i> , 2019, 47, .	2.6	40
14	Stochastic Approximations to the Pitman-Yor Process. <i>Bayesian Analysis</i> , 2019, 14, .	3.0	11
15	Latent Nested Nonparametric Priors (with Discussion). <i>Bayesian Analysis</i> , 2019, 14, .	3.0	29
16	Poisson-Driven Stationary Markov Models. <i>Journal of Business and Economic Statistics</i> , 2018, 36, 684-694.	2.9	2
17	Bayesian nonparametric inference beyond the Gibbs-type framework. <i>Scandinavian Journal of Statistics</i> , 2018, 45, 1062-1091.	1.4	11
18	Robustifying Bayesian Nonparametric Mixtures for Count Data. <i>Biometrics</i> , 2017, 73, 174-184.	1.4	18

#	ARTICLE	IF	CITATIONS
19	Bayesian prediction with multiple-samples information. <i>Journal of Multivariate Analysis</i> , 2017, 156, 18-28.	1.0	14
20	A moment-matching Ferguson & Klass algorithm. <i>Statistics and Computing</i> , 2017, 27, 3-17.	1.5	17
21	On the Pitman-Yor process with spike and slab base measure. <i>Biometrika</i> , 2017, 104, 681-697.	2.4	25
22	A Bayesian Nonparametric Approach to Ecological Risk Assessment. <i>Springer Proceedings in Mathematics and Statistics</i> , 2017, , 151-159.	0.2	1
23	On the Truncation Error of a Superposed Gamma Process. <i>Springer Proceedings in Mathematics and Statistics</i> , 2017, , 11-19.	0.2	0
24	On the Stick-Breaking Representation for Homogeneous NRMIs. <i>Bayesian Analysis</i> , 2016, 11, .	3.0	14
25	Comment on Article by Page and Quintana. <i>Bayesian Analysis</i> , 2016, 11, .	3.0	0
26	Innovation, growth and aggregate volatility from a Bayesian nonparametric perspective. <i>Electronic Journal of Statistics</i> , 2016, 10, .	0.7	1
27	Are Gibbs-Type Priors the Most Natural Generalization of the Dirichlet Process?. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015, 37, 212-229.	13.9	97
28	Dependent mixture models: Clustering and borrowing information. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 417-433.	1.2	20
29	Discussion of "On simulation and properties of the stable law" by L. Devroye and L. James. <i>Statistical Methods and Applications</i> , 2014, 23, 371-377.	1.2	4
30	Exchangeable Hoeffding decompositions over finite sets: A combinatorial characterization and counterexamples. <i>Journal of Multivariate Analysis</i> , 2014, 131, 51-64.	1.0	2
31	A note on "Bayesian nonparametric estimators derived from conditional Gibbs structures". <i>Annals of Applied Probability</i> , 2014, 24, .	1.3	1
32	Bayesian inference with dependent normalized completely random measures. <i>Bernoulli</i> , 2014, 20, .	1.3	48
33	A Bayesian nonparametric approach to modeling market share dynamics. <i>Bernoulli</i> , 2013, 19, .	1.3	5
34	Conditional formulae for Gibbs-type exchangeable random partitions. <i>Annals of Applied Probability</i> , 2013, 23, .	1.3	22
35	Modeling with Normalized Random Measure Mixture Models. <i>Statistical Science</i> , 2013, 28, .	2.8	46
36	An asymptotic analysis of a class of discrete nonparametric priors. <i>Statistica Sinica</i> , 2013, , .	0.3	12

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37	On the stick-breaking representation of normalized inverse Gaussian priors. <i>Biometrika</i> , 2012, 99, 663-674.	2.4	24
38	Asymptotics for a Bayesian nonparametric estimator of species variety. <i>Bernoulli</i> , 2012, 18, .	1.3	5
39	A New Estimator of the Discovery Probability. <i>Biometrics</i> , 2012, 68, 1188-1196.	1.4	25
40	On a Generalized Chuâ€“Vandermonde Identity. <i>Methodology and Computing in Applied Probability</i> , 2012, 14, 253-262.	1.2	2
41	A Conversation with Eugenio Regazzini. <i>Statistical Science</i> , 2011, 26, .	2.8	1
42	On a Class of Random Probability Measures with General Predictive Structure. <i>Scandinavian Journal of Statistics</i> , 2011, 38, 359-376.	1.4	9
43	On a class of distributions on the simplex. <i>Journal of Statistical Planning and Inference</i> , 2011, 141, 2987-3004.	0.6	21
44	Models beyond the Dirichlet process. , 2010, , 80-136.		115
45	On the posterior distribution of classes of random means. <i>Bernoulli</i> , 2010, 16, .	1.3	10
46	Posterior Analysis for Normalized Random Measures with Independent Increments. <i>Scandinavian Journal of Statistics</i> , 2009, 36, 76-97.	1.4	108
47	Bayesian Non-Parametric Inference for Species Variety with a Two-Parameter Poissonâ€“Dirichlet Process Prior. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 993-1008.	2.2	52
48	Asymptotics for posterior hazards. <i>Annals of Statistics</i> , 2009, 37, .	2.6	20
49	Distributional properties of means of random probability measures. <i>Statistics Surveys</i> , 2009, 3, .	11.3	16
50	Motor cortex excitability changes following a lesion in the posterior columns of the cervical spinal cord. <i>Neuroscience Letters</i> , 2008, 434, 119-123.	2.1	9
51	Posterior analysis for some classes of nonparametric models. <i>Journal of Nonparametric Statistics</i> , 2008, 20, 447-457.	0.9	5
52	A Bayesian Nonparametric Approach for Comparing Clustering Structures in EST Libraries. <i>Journal of Computational Biology</i> , 2008, 15, 1315-1327.	1.6	14
53	Distributions of linear functionals of two parameter Poissonâ€“Dirichlet random measures. <i>Annals of Applied Probability</i> , 2008, 18, .	1.3	24
54	Linear and quadratic functionals of random hazard rates: An asymptotic analysis. <i>Annals of Applied Probability</i> , 2008, 18, .	1.3	17

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55	Bayesian nonparametric estimators derived from conditional Gibbs structures. <i>Annals of Applied Probability</i> , 2008, 18, .	1.3	47
56	Bayesian Nonparametric Estimation of the Probability of Discovering New Species. <i>Biometrika</i> , 2007, 94, 769-786.	2.4	110
57	BAYESIAN CONSISTENCY FOR STATIONARY MODELS. <i>Econometric Theory</i> , 2007, 23, .	0.7	7
58	On rates of convergence for posterior distributions in infinite-dimensional models. <i>Annals of Statistics</i> , 2007, 35, .	2.6	32
59	ON CONVERGENCE RATES FOR NONPARAMETRIC POSTERIOR DISTRIBUTIONS. <i>Australian and New Zealand Journal of Statistics</i> , 2007, 49, 209-219.	0.9	0
60	Controlling the Reinforcement in Bayesian Non-Parametric Mixture Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2007, 69, 715-740.	2.2	134
61	A Bayesian nonparametric method for prediction in EST analysis. <i>BMC Bioinformatics</i> , 2007, 8, 339.	2.6	29
62	Conjugacy as a Distinctive Feature of the Dirichlet Process. <i>Scandinavian Journal of Statistics</i> , 2006, 33, 105-120.	1.4	47
63	Bayesian Nonparametric Analysis for a Generalized Dirichlet Process Prior. <i>Statistical Inference for Stochastic Processes</i> , 2005, 8, 283-309.	0.6	30
64	Bayesian Inference via Classes of Normalized Random Measures. <i>SSRN Electronic Journal</i> , 2005, , .	0.4	10
65	Data tracking and the understanding of Bayesian consistency. <i>Biometrika</i> , 2005, 92, 765-778.	2.4	20
66	On Consistency of Nonparametric Normal Mixtures for Bayesian Density Estimation. <i>Journal of the American Statistical Association</i> , 2005, 100, 1292-1296.	3.1	40
67	Hierarchical Mixture Modeling With Normalized Inverse-Gaussian Priors. <i>Journal of the American Statistical Association</i> , 2005, 100, 1278-1291.	3.1	130
68	Extending Doob's consistency theorem to nonparametric densities. <i>Bernoulli</i> , 2004, 10, 651.	1.3	16
69	Normalized random measures driven by increasing additive processes. <i>Annals of Statistics</i> , 2004, 32, 2343.	2.6	44
70	Exponential functionals and means of neutral-to-the-right priors. <i>Biometrika</i> , 2003, 90, 791-808.	2.4	29
71	Distributional results for means of normalized random measures with independent increments. <i>Annals of Statistics</i> , 2003, 31, 560.	2.6	156
72	Models Beyond the Dirichlet Process. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2