

Howard D Bondell

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

3,238
citations

304368

22
h-index

155451

55
g-index

74
all docs

74
docs citations

74
times ranked

4129
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonstationary Gaussian Process Discriminant Analysis With Variable Selection for High-Dimensional Functional Data. <i>Journal of Computational and Graphical Statistics</i> , 2023, 32, 588-600.	0.9	1
2	Bayesian Regression Using a Prior on the Model Fit: The R2-D2 Shrinkage Prior. <i>Journal of the American Statistical Association</i> , 2022, 117, 862-874.	1.8	19
3	Nonparametric conditional density estimation in a deep learning framework for short-term forecasting. <i>Environmental and Ecological Statistics</i> , 2022, 29, 677-704.	1.9	3
4	Spatial Confounding in Generalized Estimating Equations. <i>American Statistician</i> , 2022, 76, 238-247.	0.9	3
5	Comparing the dynamics of COVID-19 infection and mortality in the United States, India, and Brazil. <i>Physica D: Nonlinear Phenomena</i> , 2022, 432, 133158.	1.3	23
6	In search of peak human athletic potential: A mathematical investigation. <i>Chaos</i> , 2022, 32, 023110.	1.0	12
7	A representation learning framework for detection and characterization of dead versus strain localization zones from pre- to post-failure. <i>Granular Matter</i> , 2022, 24, .	1.1	5
8	Temporal and spectral governing dynamics of Australian hydrological streamflow time series. <i>Journal of Computational Science</i> , 2022, 63, 101767.	1.5	2
9	On local intrinsic dimensionality of deformation in complex materials. <i>Scientific Reports</i> , 2021, 11, 10216.	1.6	6
10	A shared parameter mixture model for longitudinal income data with missing responses and zero rounding. <i>Australian and New Zealand Journal of Statistics</i> , 2021, 63, 221-240.	0.4	0
11	Deep distribution regression. <i>Computational Statistics and Data Analysis</i> , 2021, 159, 107203.	0.7	9
12	Understanding spatial propagation using metric geometry with application to the spread of COVID-19 in the United States. <i>Europhysics Letters</i> , 2021, 135, 48004.	0.7	19
13	Optimal allocation of PCR tests to minimise disease transmission through contact tracing and quarantine. <i>Epidemics</i> , 2021, 37, 100503.	1.5	13
14	Solution paths for the generalized lasso with applications to spatially varying coefficients regression. <i>Computational Statistics and Data Analysis</i> , 2020, 142, 106821.	0.7	10
15	How combinations of recreational activities predict connection to nature among youth. <i>Journal of Environmental Education</i> , 2020, 51, 462-476.	1.0	19
16	Early identification of an impending rockslide location via a spatially-aided Gaussian mixture model. <i>Annals of Applied Statistics</i> , 2020, 14, .	0.5	5
17	Bayesian variable selection for logistic regression. <i>Statistical Analysis and Data Mining</i> , 2019, 12, 378-393.	1.4	1
18	Binormal Precision-Recall Curves for Optimal Classification of Imbalanced Data. <i>Statistics in Biosciences</i> , 2019, 11, 141-161.	0.6	19

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19	Best linear estimation via minimization of relative mean squared error. <i>Statistics and Computing</i> , 2019, 29, 33-42.	0.8	0
20	The influence of personal beliefs, friends, and family in building climate change concern among adolescents. <i>Environmental Education Research</i> , 2019, 25, 832-845.	1.6	82
21	Market and nonmarket valuation of North Carolina's tundra swans among hunters, wildlife watchers, and the public. <i>Wildlife Society Bulletin</i> , 2018, 42, 478-487.	1.6	7
22	Developing a model of climate change behavior among adolescents. <i>Climatic Change</i> , 2018, 151, 589-603.	1.7	35
23	Variable Selection via Penalized Credible Regions with Dirichlet-Laplace Global-Local Shrinkage Priors. <i>Bayesian Analysis</i> , 2018, 13, .	1.6	13
24	What is Private Land Stewardship? Lessons from Agricultural Opinion Leaders in North Carolina. <i>Sustainability</i> , 2018, 10, 297.	1.6	3
25	Fully efficient robust estimation, outlier detection, and variable selection via penalized regression. <i>Statistica Sinica</i> , 2018, , .	0.2	5
26	A Bayesian mixture model for clustering and selection of feature occurrence rates under mean constraints. <i>Statistical Analysis and Data Mining</i> , 2017, 10, 393-409.	1.4	19
27	Pupillary response to complex interdependent tasks: A cognitive-load theory perspective. <i>Behavior Research Methods</i> , 2017, 49, 1905-1919.	2.3	18
28	Evaluating relationships between hunting and biodiversity knowledge among children. <i>Wildlife Society Bulletin</i> , 2017, 41, 530-536.	1.6	9
29	Spatial Regression with Covariate Measurement Error: A Semiparametric Approach. <i>Biometrics</i> , 2016, 72, 678-686.	0.8	19
30	A Penalized Likelihood Approach for Investigating Gene-Drug Interactions in Pharmacogenetic Studies. <i>Biometrics</i> , 2015, 71, 529-537.	0.8	0
31	Perspectives of wildlife conservation professionals on intensive deer management. <i>Wildlife Society Bulletin</i> , 2015, 39, 751-756.	1.6	5
32	Incorporating covariates in skewed functional data models. <i>Biostatistics</i> , 2015, 16, 413-426.	0.9	6
33	Domain selection for the varying coefficient model via local polynomial regression. <i>Computational Statistics and Data Analysis</i> , 2015, 83, 236-250.	0.7	5
34	Overcoming skepticism with education: interacting influences of worldview and climate change knowledge on perceived climate change risk among adolescents. <i>Climatic Change</i> , 2014, 126, 293-304.	1.7	175
35	Interquantile shrinkage and variable selection in quantile regression. <i>Computational Statistics and Data Analysis</i> , 2014, 69, 208-219.	0.7	27
36	Role of Significant Life Experiences in Building Environmental Knowledge and Behavior Among Middle School Students. <i>Journal of Environmental Education</i> , 2014, 45, 163-177.	1.0	51

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37	On the impact of covariate measurement error on spatial regression modelling. <i>Environmetrics</i> , 2014, 25, 560-570.	0.6	19
38	Factor Selection and Structural Identification in the Interaction ANOVA Model. <i>Biometrics</i> , 2013, 69, 70-79.	0.8	6
39	A Nonparametric Spatial Model for Periodontal Data With Nonrandom Missingness. <i>Journal of the American Statistical Association</i> , 2013, 108, 820-831.	1.8	18
40	Efficient Robust Regression via Two-Stage Generalized Empirical Likelihood. <i>Journal of the American Statistical Association</i> , 2013, 108, 644-655.	1.8	25
41	Interquantile Shrinkage in Regression Models. <i>Journal of Computational and Graphical Statistics</i> , 2013, 22, 970-986.	0.9	25
42	Variable selection for nonparametric quantile regression via smoothing spline analysis of variance. <i>Stat</i> , 2013, 2, 255-268.	0.3	17
43	Consistent Group Identification and Variable Selection in Regression With Correlated Predictors. <i>Journal of Computational and Graphical Statistics</i> , 2013, 22, 319-340.	0.9	23
44	Environmental, Institutional, and Demographic Predictors of Environmental Literacy among Middle School Children. <i>PLoS ONE</i> , 2013, 8, e59519.	1.1	71
45	A Confidence Region Approach to Tuning for Variable Selection. <i>Journal of Computational and Graphical Statistics</i> , 2012, 21, 295-314.	0.9	8
46	Consistent High-Dimensional Bayesian Variable Selection via Penalized Credible Regions. <i>Journal of the American Statistical Association</i> , 2012, 107, 1610-1624.	1.8	59
47	Private landowner interest in market-based incentive programs for endangered species habitat conservation. <i>Wildlife Society Bulletin</i> , 2012, 36, 469-476.	1.6	17
48	Estimating public willingness to fund nongame conservation through state tax initiatives. <i>Wildlife Society Bulletin</i> , 2012, 36, 483-491.	1.6	14
49	Predicting native plant landscaping preferences in urban areas. <i>Sustainable Cities and Society</i> , 2012, 5, 70-76.	5.1	52
50	Variable Selection for High Dimensional Bayesian Density Estimation: Application to Human Exposure Simulation. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 47-66.	0.5	5
51	RADIOGRAPHIC EVALUATION OF FELINE APPENDICULAR DEGENERATIVE JOINT DISEASE VS. MACROSCOPIC APPEARANCE OF ARTICULAR CARTILAGE. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 239-247.	0.4	42
52	A Spatial Dirichlet Process Mixture Model for Clustering Population Genetics Data. <i>Biometrics</i> , 2011, 67, 381-390.	0.8	24
53	Sufficient Dimension Reduction via Bayesian Mixture Modeling. <i>Biometrics</i> , 2011, 67, 886-895.	0.8	19
54	Surface estimation, variable selection, and the nonparametric oracle property. <i>Statistica Sinica</i> , 2011, 21, 679.	0.2	83

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55	Evaluating haplotype effects in case-control studies via penalized likelihood approaches: prospective or retrospective analysis?. <i>Genetic Epidemiology</i> , 2010, 34, 892-911.	0.6	4
56	Joint Variable Selection for Fixed and Random Effects in Linear Mixed-Effects Models. <i>Biometrics</i> , 2010, 66, 1069-1077.	0.8	163
57	A comprehensive approach to haplotype-specific analysis by penalized likelihood. <i>European Journal of Human Genetics</i> , 2010, 18, 95-103.	1.4	12
58	Noncrossing quantile regression curve estimation. <i>Biometrika</i> , 2010, 97, 825-838.	1.3	208
59	Flexible Bayesian quantile regression for independent and clustered data. <i>Biostatistics</i> , 2010, 11, 337-352.	0.9	108
60	Item generation and design testing of a questionnaire to assess degenerative joint disease-associated pain in cats. <i>American Journal of Veterinary Research</i> , 2010, 71, 1417-1424.	0.3	72
61	A Locally Adaptive Penalty for Estimation of Functions With Varying Roughness. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 569-589.	0.9	16
62	Bayesian variable selection using an adaptive powered correlation prior. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 2665-2674.	0.4	16
63	Simultaneous Factor Selection and Collapsing Levels in ANOVA. <i>Biometrics</i> , 2009, 65, 169-177.	0.8	60
64	Shrinkage inverse regression estimation for model-free variable selection. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 287-299.	1.1	40
65	Variable Selection in Bayesian Smoothing Spline ANOVA Models: Application to Deterministic Computer Codes. <i>Technometrics</i> , 2009, 51, 110-120.	1.3	59
66	A characteristic function approach to the biased sampling model, with application to robust logistic regression. <i>Journal of Statistical Planning and Inference</i> , 2008, 138, 742-755.	0.4	18
67	Simultaneous Regression Shrinkage, Variable Selection, and Supervised Clustering of Predictors with OSCAR. <i>Biometrics</i> , 2008, 64, 115-123.	0.8	289
68	On Robust and Efficient Estimation of the Center of Symmetry. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 318-327.	0.6	3
69	Statistical Inference Based on Pooled Data: A Moment-Based Estimating Equation Approach. <i>Journal of Applied Statistics</i> , 2007, 34, 129-140.	0.6	6
70	Testing goodness-of-fit in logistic case-control studies. <i>Biometrika</i> , 2007, 94, 487-495.	1.3	13
71	Optimal Cut-point and Its Corresponding Youden Index to Discriminate Individuals Using Pooled Blood Samples. <i>Epidemiology</i> , 2005, 16, 73-81.	1.2	938
72	Minimum distance estimation for the logistic regression model. <i>Biometrika</i> , 2005, 92, 724-731.	1.3	38

#	ARTICLE	IF	CITATIONS
73	On robust probabilistic principal component analysis using multivariate t -distributions. Communications in Statistics - Theory and Methods, 0, , 1-19.	0.6	0