

Kurt Hornik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9191602/publications.pdf>

Version: 2024-02-01

139
papers

46,162
citations

44069

48
h-index

16183

124
g-index

144
all docs

144
docs citations

144
times ranked

56120
citing authors

#	ARTICLE	IF	CITATIONS
1	Is it all bafflegab? – Linguistic and meta characteristics of research articles in prestigious economics journals. <i>Journal of Informetrics</i> , 2022, 16, 101284.	2.9	1
2	Cluster Optimized Proximity Scaling. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1156-1167.	1.7	5
3	A comparison of optimization solvers for log binomial regression including conic programming. <i>Computational Statistics</i> , 2021, 36, 1721-1754.	1.5	3
4	Generalized Sparse Convolutional Neural Networks for Semantic Segmentation of Point Clouds Derived from Tri-Stereo Satellite Imagery. <i>Remote Sensing</i> , 2020, 12, 1289.	4.0	12
5	ROI : An Extensible <i>R</i> Optimization Infrastructure. <i>Journal of Statistical Software</i> , 2020, 94, .	3.7	7
6	Multivariate ordinal regression models: an analysis of corporate credit ratings. <i>Statistical Methods and Applications</i> , 2019, 28, 507-539.	1.2	30
7	Assessing and Quantifying Clusteredness: The OPTICS Cordillera. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 220-233.	1.7	6
8	Measuring the Stability of Results From Supervised Statistical Learning. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 685-700.	1.7	25
9	A data mining framework for targeted category promotions. <i>Journal of Business Economics</i> , 2017, 87, 337-358.	1.9	16
10	Computing a journal meta-ranking using paired comparisons and adaptive lasso estimators. <i>Scientometrics</i> , 2016, 106, 229-251.	3.0	12
11	Is Federer Stronger in a Tournament Without Nadal? An Evaluation of Odds and Seedings for Wimbledon 2009. <i>Austrian Journal of Statistics</i> , 2016, 38, .	0.6	4
12	Are There Too Many R Packages?. <i>Austrian Journal of Statistics</i> , 2016, 41, .	0.6	17
13	Last Night a Shrinkage Saved My Life: Economic Growth, Model Uncertainty and Correlated Regressors. <i>Journal of Forecasting</i> , 2015, 34, 133-144.	2.8	4
14	Motivation, values, and work design as drivers of participation in the R open source project for statistical computing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14788-14792.	7.1	28
15	The grand old party – a party of values?. <i>SpringerPlus</i> , 2014, 3, 697.	1.2	8
16	On maximum likelihood estimation of the concentration parameter of von Mises–Fisher distributions. <i>Computational Statistics</i> , 2014, 29, 945-957.	1.5	13
17	On standard conjugate families for natural exponential families with bounded natural parameter space. <i>Journal of Multivariate Analysis</i> , 2014, 126, 14-24.	1.0	0
18	Model uncertainty and aggregated default probabilities: new evidence from Austria. <i>Applied Economics</i> , 2014, 46, 871-879.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Making friends and communicating on Facebook: Implications for the access to social capital. <i>Social Networks</i> , 2014, 37, 29-41.	2.1	80
20	Generating random correlation matrices by the simple rejection method: Why it does not work. <i>Statistics and Probability Letters</i> , 2014, 87, 27-30.	0.7	8
21	How to derive consensus among various marketing journal rankings?. <i>Journal of Business Research</i> , 2014, 67, 998-1006.	10.2	25
22	Amos-type bounds for modified Bessel function ratios. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 408, 91-101.	1.0	19
23	Influencing elections with statistics: Targeting voters with logistic regression trees. <i>Annals of Applied Statistics</i> , 2013, 7, .	1.1	6
24	On conjugate families and Jeffreys priors for von Mises-Fisher distributions. <i>Journal of Statistical Planning and Inference</i> , 2013, 143, 992-999.	0.6	17
25	Model trees with topic model preprocessing: An approach for data journalism illustrated with the WikiLeaks Afghanistan war logs. <i>Annals of Applied Statistics</i> , 2013, 7, .	1.1	16
26	The <code>textcat</code> Package for n-Gram Based Text Categorization in R. <i>Journal of Statistical Software</i> , 2013, 52, .	3.7	39
27	Deriving consensus ratings of the big three rating agencies. <i>Journal of Credit Risk</i> , 2013, 9, 75-98.	0.2	2
28	A Kolmogorov-Smirnov Test for r Samples. <i>Fundamenta Informaticae</i> , 2012, 117, 103-125.	0.4	7
29	The Comprehensive R Archive Network. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2012, 4, 394-398.	3.9	80
30	Modelling human immunodeficiency virus ribonucleic acid levels with finite mixtures for censored longitudinal data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 201-218.	1.0	5
31	A <code>tm</code> Plug-In for Distributed Text Mining in R. <i>Journal of Statistical Software</i> , 2012, 51, .	3.7	7
32	Who Did What? The Roles of R Package Authors and How to Refer to Them. <i>R Journal</i> , 2012, 4, 64.	1.8	1
33	Dissimilarity Plots: A Visual Exploration Tool for Partitional Clustering. <i>Journal of Computational and Graphical Statistics</i> , 2011, 20, 335-354.	1.7	8
34	Prospects and challenges in R package development. <i>Computational Statistics</i> , 2011, 26, 395-404.	1.5	9
35	Bookmaker consensus and agreement for the UEFA Champions League 2008/2009. <i>IMA Journal of Management Mathematics</i> , 2011, 22, 183-194.	1.6	4
36	<code>topicmodels</code> : An R Package for Fitting Topic Models. <i>Journal of Statistical Software</i> , 2011, 40, .	3.7	530

#	ARTICLE	IF	CITATIONS
37	Content-Based Social Network Analysis of Mailing Lists. <i>R Journal</i> , 2011, 3, 11.	1.8	16
38	Watch Your Spelling!. <i>R Journal</i> , 2011, 3, 22.	1.8	5
39	Forecasting sports tournaments by ratings of (prob)abilities: A comparison for the EUROÂ2008. <i>International Journal of Forecasting</i> , 2010, 26, 471-481.	6.5	62
40	On Two-Periodic Random Walks with Boundaries. <i>Stochastic Models</i> , 2010, 26, 165-194.	0.5	3
41	Open-source machine learning: R meets Weka. <i>Computational Statistics</i> , 2009, 24, 225-232.	1.5	305
42	Escaping RGBland: Selecting colors for statistical graphics. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 3259-3270.	1.2	130
43	Diencephalic Serotonin Transporter Availability Predicts Both Transporter Occupancy and Treatment Response to Sertraline in Obsessive-Compulsive Checkers. <i>Biological Psychiatry</i> , 2009, 66, 1115-1122.	1.3	15
44	Isotone Optimization in <i>R</i> : Pool-Adjacent-Violators Algorithm (PAVA) and Active Set Methods. <i>Journal of Statistical Software</i> , 2009, 32, .	3.7	126
45	Selective association rule generation. <i>Computational Statistics</i> , 2008, 23, 303-315.	1.5	13
46	Tourette's syndrome is not associated with interleukin-10 receptor 1 variants on chromosome 11q23.3. <i>Psychiatry Research</i> , 2008, 157, 235-239.	3.3	8
47	Changes in Thalamusâ€“Hypothalamus Serotonin Transporter Availability during Clomipramine Administration in Patients with Obsessiveâ€“Compulsive Disorder. <i>Neuropsychopharmacology</i> , 2008, 33, 3126-3134.	5.4	44
48	Model-Based Recursive Partitioning. <i>Journal of Computational and Graphical Statistics</i> , 2008, 17, 492-514.	1.7	477
49	Visualizing Contingency Tables. , 2008, , 589-616.		9
50	Hard and Soft Euclidean Consensus Partitions. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2008, , 147-154.	0.2	4
51	Benchmarking Open-Source Tree Learners in <i>R</i> / <i>R</i> Weka. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2008, , 389-396.	0.2	3
52	Getting Things in Order: An Introduction to the <i>R</i> Package <i>seriation</i> . <i>Journal of Statistical Software</i> , 2008, 25, .	3.7	178
53	Text Mining Infrastructure in <i>R</i> . <i>Journal of Statistical Software</i> , 2008, 25, .	3.7	654
54	Residual-Based Shadings for Visualizing (Conditional) Independence. <i>Journal of Computational and Graphical Statistics</i> , 2007, 16, 507-525.	1.7	136

#	ARTICLE	IF	CITATIONS
55	[123I]- β^2 -CIT SPECT Imaging Shows Reduced Thalamus Hypothalamus Serotonin Transporter Availability in 24 Drug-Free Obsessive-Compulsive Checkers. <i>Neuropsychopharmacology</i> , 2007, 32, 1661-1668.	5.4	46
56	Additional support for linkage of schizophrenia and bipolar disorder to chromosome 3q29. <i>European Neuropsychopharmacology</i> , 2007, 17, 501-505.	0.7	8
57	New probabilistic interest measures for association rules. <i>Intelligent Data Analysis</i> , 2007, 11, 437-455.	0.9	38
58	Homozygosity of the interleukin-10 receptor 1 G330R allele is associated with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 347-350.	1.7	14
59	Generalized \hat{M} -fluctuation tests for parameter instability. <i>Statistica Neerlandica</i> , 2007, 61, 488-508.	1.6	100
60	Deriving Consensus Rankings from Benchmarking Experiments. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2007, , 163-170.	0.2	16
61	Building on the Arules Infrastructure for Analyzing Transaction Data with R. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2007, , 449-456.	0.2	8
62	Validation of credit rating systems using multi-rater information. <i>Journal of Credit Risk</i> , 2007, 3, 3-29.	0.2	3
63	Unbiased Recursive Partitioning: A Conditional Inference Framework. <i>Journal of Computational and Graphical Statistics</i> , 2006, 15, 651-674.	1.7	2,829
64	A Lego System for Conditional Inference. <i>American Statistician</i> , 2006, 60, 257-263.	1.6	644
65	A GABRB3 promoter haplotype associated with childhood absence epilepsy impairs transcriptional activity. <i>Human Molecular Genetics</i> , 2006, 15, 3272-3272.	2.9	0
66	A GABRB3 promoter haplotype associated with childhood absence epilepsy impairs transcriptional activity. <i>Human Molecular Genetics</i> , 2006, 15, 2533-2541.	2.9	94
67	The Strucplot Framework: Visualizing Multi-way Contingency Tables with <code>vcd</code> . <i>Journal of Statistical Software</i> , 2006, 17, .	3.7	203
68	Monitoring structural change in dynamic econometric models. <i>Journal of Applied Econometrics</i> , 2005, 20, 99-121.	2.3	158
69	R Version 2.1.0. <i>Computational Statistics</i> , 2005, 20, 197-202.	1.5	6
70	No association of clock gene T3111C polymorphism and affective disorders. <i>European Neuropsychopharmacology</i> , 2005, 15, 51-55.	0.7	43
71	The Design and Analysis of Benchmark Experiments. <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 675-699.	1.7	148
72	Ensemble Methods for Cluster Analysis. , 2005, , 261-268.		4

#	ARTICLE	IF	CITATIONS
73	Cluster Ensembles. , 2005, , 65-72.		6
74	A CLUE for CLUster Ensembles. Journal of Statistical Software, 2005, 14, .	3.7	149
75	arules- A Computational Environment for Mining Association Rules and Frequent Item Sets. Journal of Statistical Software, 2005, 14, .	3.7	309
76	Possible linkage of schizophrenia and bipolar affective disorder to chromosome 3q29. Journal of Psychiatric Research, 2004, 38, 357-364.	3.1	17
77	A quantitative comparison of functional MRI cluster analysis. Artificial Intelligence in Medicine, 2004, 31, 57-71.	6.5	84
78	R Version 2.0.0. Computational Statistics, 2004, 19, 661-664.	1.5	0
79	Guided self-help versus cognitive-behavioral group therapy in the treatment of bulimia nervosa. International Journal of Eating Disorders, 2004, 35, 522-537.	4.0	95
80	Emacs Speaks Statistics: A Multiplatform, Multipackage Development Environment for Statistical Analysis. Journal of Computational and Graphical Statistics, 2004, 13, 247-261.	1.7	25
81	Serotonin transporter promoter gene polymorphic region (5-HTTLPR) and personality in female patients with seasonal affective disorder and in healthy controls. European Neuropsychopharmacology, 2004, 14, 53-58.	0.7	17
82	R: The Next Generation. , 2004, , 235-249.		1
83	Bioconductor: open software development for computational biology and bioinformatics. Genome Biology, 2004, 5, R80.	9.6	10,796
84	Efficacy of fluvoxamine in preventing relapse in alcohol dependence: a one-year, double-blind, placebo-controlled multicentre study with analysis by typology. Drug and Alcohol Dependence, 2004, 74, 61-70.	3.2	67
85	Life after death: Posttraumatic stress disorder in survivors of cardiac arrestâ€”Prevalence, associated factors, and the influence of sedation and analgesia. Critical Care Medicine, 2004, 32, 378-383.	0.9	121
86	StatDataML: An XML Format for Statistical Data. Computational Statistics, 2004, 19, 493-509.	1.5	2
87	A Simulation Framework for Heterogeneous Agents. Computational Economics, 2003, 22, 285-301.	2.6	12
88	Modelling the effects of the Austrian inpatient reimbursement system on length-of-stay distributions. OR Spectrum, 2003, 25, 183-206.	3.4	17
89	The support vector machine under test. Neurocomputing, 2003, 55, 169-186.	5.9	620
90	Testing and dating of structural changes in practice. Computational Statistics and Data Analysis, 2003, 44, 109-123.	1.2	573

#	ARTICLE	IF	CITATIONS
91	P.6.089 Chromosome 3q29: Follow-up linkage analysis in schizophrenia and bipolar disorder. <i>European Neuropsychopharmacology</i> , 2003, 13, S463-S464.	0.7	0
92	A ROBUST SUBSPACE ALGORITHM FOR PRINCIPAL COMPONENT ANALYSIS. <i>International Journal of Neural Systems</i> , 2003, 13, 307-313.	5.2	8
93	A COMBINATION SCHEME FOR FUZZY CLUSTERING. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2002, 16, 901-912.	1.2	75
94	ANXIETY AS A PREDICTOR OF RELAPSE IN DETOXIFIED ALCOHOL-DEPENDENT PATIENTS. <i>Alcohol and Alcoholism</i> , 2002, 37, 609-612.	1.6	129
95	Genome scan for susceptibility loci for schizophrenia and bipolar disorder. <i>Biological Psychiatry</i> , 2002, 52, 40-52.	1.3	95
96	Role of family history and 5-HTTLPR polymorphism in female seasonal affective disorder patients with and without premenstrual dysphoric disorder. <i>European Neuropsychopharmacology</i> , 2002, 12, 129-134.	0.7	38
97	A Combination Scheme for Fuzzy Clustering. <i>Lecture Notes in Computer Science</i> , 2002, , 332-338.	1.3	13
98	A Mixed Ensemble Approach for the Semi-supervised Problem. <i>Lecture Notes in Computer Science</i> , 2002, , 571-576.	1.3	7
99	Exact Nonparametric Inference in R. , 2002, , 355-360.		4
100	StatDataML: An XML Format for Statistical Data. , 2002, , 545-550.		1
101	<code>strucchange</code> : An <i>R</i> Package for Testing for Structural Change in Linear Regression Models. <i>Journal of Statistical Software</i> , 2002, 7, .	3.7	634
102	No evidence for in vivo regulation of midbrain serotonin transporter availability by serotonin transporter promoter gene polymorphism. <i>Biological Psychiatry</i> , 2001, 50, 8-12.	1.3	117
103	Study of Family History in Seasonal Affective Disorder. <i>Neuropsychobiology</i> , 2001, 44, 65-69.	1.9	4
104	PTA versus Palmaz Stent Placement in Femoropopliteal Artery Obstructions: A Multicenter Prospective Randomized Study. <i>Journal of Vascular and Interventional Radiology</i> , 2001, 12, 23-31.	0.5	252
105	Voting-Merging: An Ensemble Method for Clustering. <i>Lecture Notes in Computer Science</i> , 2001, , 217-224.	1.3	48
106	Non-association of dopamine D4 and D2 receptor genes with personality in healthy individuals. <i>Psychiatric Genetics</i> , 2000, 10, 131-137.	1.1	54
107	MONITORING STRUCTURAL CHANGES WITH THE GENERALIZED FLUCTUATION TEST. <i>Econometric Theory</i> , 2000, 16, 835-854.	0.7	99
108	Genome Scan for Susceptibility Loci for Schizophrenia. <i>Neuropsychobiology</i> , 2000, 42, 175-182.	1.9	68

#	ARTICLE	IF	CITATIONS
109	Association Studies of Candidate Genes in Bipolar Disorders. <i>Neuropsychobiology</i> , 2000, 42, 18-21.	1.9	24
110	Association study of schizophrenia spectrum disorders and dopamine D3 receptor gene: is schizoaffective disorder special?. <i>Psychiatry Research</i> , 2000, 96, 179-183.	3.3	14
111	P01.43 Dopamine transporter genotypes and imaging in tourette disorder. <i>European Psychiatry</i> , 2000, 15, 332s-332s.	0.2	0
112	370. Dopamine transporter (DAT 1) genotypes and [123I]- β -CIT SPECT imaging of DAT in Tourette Disorder (TD). <i>Biological Psychiatry</i> , 2000, 47, S112.	1.3	0
113	Stationary and Integrated Autoregressive Neural Network Processes. <i>Neural Computation</i> , 2000, 12, 2427-2450.	2.2	44
114	The Tridimensional Personality Questionnaire as a Predictor of Relapse in Detoxified Alcohol Dependents. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 483-486.	2.4	77
115	Optimal linear compression under unreliable representation and robust PCA neural models. <i>IEEE Transactions on Neural Networks</i> , 1999, 10, 1186-1195.	4.2	18
116	Behavioral effects of tryptophan depletion in seasonal affective disorder associated with the serotonin transporter gene?. <i>Psychiatry Research</i> , 1999, 85, 241-246.	3.3	34
117	Dopamine D3 receptor gene polymorphism and response to clozapine in schizophrenic Pakistani patients. <i>European Neuropsychopharmacology</i> , 1999, 10, 17-20.	0.7	120
118	Possible association between childhood absence epilepsy and the gene encoding GABRB3. <i>Biological Psychiatry</i> , 1999, 46, 997-1002.	1.3	57
119	Cross-validation with active pattern selection for neural-network classifiers. <i>IEEE Transactions on Neural Networks</i> , 1998, 9, 35-41.	4.2	28
120	Adaptive combination of PCA and VQ networks. <i>IEEE Transactions on Neural Networks</i> , 1997, 8, 1208-1211.	4.2	6
121	Biperiden and Haloperidol Plasma Levels and Extrapyrmidal Side Effects in Schizophrenic Patients. <i>Neuropsychobiology</i> , 1997, 36, 69-72.	1.9	1
122	The influence of phenotype on the outcome of linkage analysis of schizophrenia. <i>Schizophrenia Research</i> , 1996, 22, 89-90.	2.0	2
123	Correlation between vasopressin baseline and TSH-blunting in depressives. <i>Biological Psychiatry</i> , 1996, 39, 341-345.	1.3	3
124	Schizophrenia and the dopamine- β -hydroxylase gene. <i>Psychiatric Genetics</i> , 1996, 6, 17-22.	1.1	27
125	The Moving-Estimates Test for Parameter Stability. <i>Econometric Theory</i> , 1995, 11, 699-720.	0.7	57
126	MOSUM tests for parameter constancy. <i>Biometrika</i> , 1995, 82, 603-617.	2.4	139

#	ARTICLE	IF	CITATIONS
127	The generalized fluctuation test: A unifying view. <i>Econometric Reviews</i> , 1995, 14, 135-161.	1.1	136
128	Learning in linear neural networks: a survey. <i>IEEE Transactions on Neural Networks</i> , 1995, 6, 837-858.	4.2	198
129	Degree of Approximation Results for Feedforward Networks Approximating Unknown Mappings and Their Derivatives. <i>Neural Computation</i> , 1994, 6, 1262-1275.	2.2	140
130	Neural Networks: More Than "Statistics for Amateurs"? , 1994, , 223-235.		2
131	On the distribution of functionals of stationary Gaussian processes. <i>Statistics and Probability Letters</i> , 1993, 18, 389-395.	0.7	2
132	Convergence of learning algorithms with constant learning rates. <i>IEEE Transactions on Neural Networks</i> , 1991, 2, 484-489.	4.2	118
133	Approximation capabilities of multilayer feedforward networks. <i>Neural Networks</i> , 1991, 4, 251-257.	5.9	4,131
134	Universal approximation of an unknown mapping and its derivatives using multilayer feedforward networks. <i>Neural Networks</i> , 1990, 3, 551-560.	5.9	1,612
135	Supervised and Unsupervised Learning in Linear Networks. , 1990, , 825-828.		0
136	Multilayer feedforward networks are universal approximators. <i>Neural Networks</i> , 1989, 2, 359-366.	5.9	16,040
137	Neural networks and principal component analysis: Learning from examples without local minima. <i>Neural Networks</i> , 1989, 2, 53-58.	5.9	960
138	Influencing Elections with Statistics: Targeting Voters with Logistic Regression Trees. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
139	Dynamic modelling of corporate credit ratings and defaults. <i>Statistical Modelling</i> , 0, , 1471082X2110576.	1.1	0