Andreas Buja

List of Publications by Year
in descending order

60 papers	6,383 citations	159585 30 h-index	149698 56 g-index
64 all docs	64 docs citations	64 times ranked	6755 citing authors

#	Article	IF	Citations
1	Semi-Supervised Linear Regression. Journal of the American Statistical Association, 2022, 117, 2238-2251.	3.1	10
2	Hole or Grain? A Section Pursuit Index for Finding Hidden Structure in Multiple Dimensions. Journal of Computational and Graphical Statistics, 2022, 31, 739-752.	1.7	1
3	Assumption Lean Regression. American Statistician, 2021, 75, 76-84.	1.6	12
4	Rates of contributory de novo mutation in high and low-risk autism families. Communications Biology, 2021, 4, 1026.	4.4	24
5	Using recursive partitioning to find and estimate heterogenous treatment effects in randomized clinical trials. Journal of Experimental Criminology, 2020, 17, 519.	2.9	3
6	Damaging de novo mutations diminish motor skills in children on the autism spectrum. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1859-E1866.	7.1	49
7	Working with Misspecified Regression Models. Journal of Quantitative Criminology, 2018, 34, 633-655.	2.9	4
8	Multiple channel complexity: Conceptualization and measurement. Industrial Marketing Management, 2017, 65, 194-205.	6.7	11
9	Measuring shared variants in cohorts of discordant siblings with applications to autism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7073-7076.	7.1	9
10	A Sparse Singular Value Decomposition Method for High-Dimensional Data. Journal of Computational and Graphical Statistics, 2014, 23, 923-942.	1.7	28
11	Misspecified Mean Function Regression. Sociological Methods and Research, 2014, 43, 422-451.	6.8	18
12	Reply to Lin. Evaluation Review, 2014, 38, 452-453.	1.0	0
13	Will the Global Village Fracture Into Tribes? Recommender Systems and Their Effects on Consumer Fragmentation. Management Science, 2014, 60, 805-823.	4.1	173
14	Subcategories of Restricted and Repetitive Behaviors in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2013, 43, 1287-1297.	2.7	229
15	Optimal denoising of simultaneously sparse and low rank matrices in high dimensions. , 2013, , .		1
16	Valid post-selection inference. Annals of Statistics, 2013, 41, .	2.6	345
17	Covariance Adjustments for the Analysis of Randomized Field Experiments. Evaluation Review, 2013, 37, 170-196.	1.0	28
18	Exploring the Relationship Between Anxiety and Insistence on Sameness in Autism Spectrum Disorders. Autism Research, 2013, 6, 33-41.	3.8	139

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19	The Power to See: A New Graphical Test of Normality. American Statistician, 2013, 67, 249-260.	1.6	48
20	Rare De Novo and Transmitted Copy-Number Variation in Autistic Spectrum Disorders. Neuron, 2011, 70, 886-897.	8.1	639
21	Dosage-dependent phenotypes in models of 16p11.2 lesions found in autism. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17076-17081.	7.1	289
22	Graphical inference for infovis. IEEE Transactions on Visualization and Computer Graphics, 2010, 16, 973-979.	4.4	87
23	Recommender systems and their effects on consumers. , 2010, , .		15
24	The Analysis of Two-Way Functional Data Using Two-Way Regularized Singular Value Decompositions. Journal of the American Statistical Association, 2009, 104, 1609-1620.	3.1	57
25	The plumbing of interactive graphics. Computational Statistics, 2009, 24, 207-215.	1.5	16
26	Statistical inference for exploratory data analysis and model diagnostics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 4361-4383.	3.4	92
27	Local Multidimensional Scaling for Nonlinear Dimension Reduction, Graph Drawing, and Proximity Analysis. Journal of the American Statistical Association, 2009, 104, 209-219.	3.1	143
28	Data Visualization With Multidimensional Scaling. Journal of Computational and Graphical Statistics, 2008, 17, 444-472.	1.7	222
29	Grand Tours, Projection Pursuit Guided Tours, and Manual Controls. , 2008, , 295-314.		19
30	Functional principal components analysis via penalized rank one approximation. Electronic Journal of Statistics, 2008, 2, .	0.7	51
31	Quasi-Darwinian Selection in Marketing Relationships. Journal of Marketing, 2007, 71, 48-62.	11.3	27
32	Quasi-Darwinian Selection in Marketing Relationships. Journal of Marketing, 2007, 71, 48-62.	11.3	28
33	Computational Methods for High-Dimensional Rotations in Data Visualization. Handbook of Statistics, 2005, 24, 391-413.	0.6	32
34	Visual Comparison of Datasets Using Mixture Decompositions. Journal of Computational and Graphical Statistics, 2004, 13, 1-19.	1.7	19
35	Exploratory Visual Analysis of Graphs in GGOBI. , 2004, , 477-488.		13
36	GGobi: evolving from XGobi into an extensible framework for interactive data visualization. Computational Statistics and Data Analysis, 2003, 43, 423-444.	1.2	164

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37	Visualization Methodology for Multidimensional Scaling. Journal of Classification, 2002, 19, 7-43.	2.2	51
38	Sampling Schemes for Model Visualization. Journal of Computational and Graphical Statistics, 2001, 10, 545-554.	1.7	0
39	XGobi: Interactive Dynamic Data Visualization in the X Window System. Journal of Computational and Graphical Statistics, 1998, 7, 113-130.	1.7	135
40	XGobi: Interactive Dynamic Data Visualization in the X Window System. Journal of Computational and Graphical Statistics, 1998, 7, 113.	1.7	109
41	Manual Controls for High-Dimensional Data Projections. Journal of Computational and Graphical Statistics, 1997, 6, 464-480.	1.7	27
42	Manual Controls for High-Dimensional Data Projections. Journal of Computational and Graphical Statistics, 1997, 6, 464.	1.7	24
43	What Criterion for a Power Algorithm?. Lecture Notes in Statistics, 1996, , 49-61.	0.2	3
44	Interactive High-Dimensional Data Visualization. Journal of Computational and Graphical Statistics, 1996, 5, 78-99.	1.7	193
45	Interactive High-Dimensional Data Visualization. Journal of Computational and Graphical Statistics, 1996, 5, 78.	1.7	175
46	Penalized Discriminant Analysis. Annals of Statistics, 1995, 23, 73.	2.6	627
47	Grand Tour and Projection Pursuit. Journal of Computational and Graphical Statistics, 1995, 4, 155-172.	1.7	145
48	Analysis of Additive Dependencies and Concurvities Using Smallest Additive Principal Components. Annals of Statistics, 1994, 22, 1635.	2.6	32
49	Flexible Discriminant Analysis by Optimal Scoring. Journal of the American Statistical Association, 1994, 89, 1255-1270.	3.1	588
50	Prosection Views: Dimensional Inference through Sections and Projections. Journal of Computational and Graphical Statistics, 1994, 3, 323-353.	1.7	51
51	Prosection Views: Dimensional Inference through Sections and Projections. Journal of Computational and Graphical Statistics, 1994, 3, 323.	1.7	45
52	Flexible Discriminant Analysis by Optimal Scoring. Journal of the American Statistical Association, 1994, 89, 1255.	3.1	150
53	Dynamics of channel negotiations: Contention and reciprocity. Psychology and Marketing, 1993, 10, 47-65.	8.2	50
54	Projection Pursuit Indexes Based on Orthonormal Function Expansions. Journal of Computational and Graphical Statistics, 1993, 2, 225.	1.7	105

#	Article	IF	Citations
55	Painting multiple views of complex objects. ACM SIGPLAN Notices, 1990, 25, 245-257.	0.2	10
56	Analyzing High-Dimensional Data with Motion Graphics. SIAM Journal on Scientific and Statistical Computing, 1990, 11, 1193-1211.	1.5	44
57	Linear Smoothers and Additive Models. Annals of Statistics, 1989, 17, 453.	2.6	717
58	On the Huber-Strassen theorem. Probability Theory and Related Fields, 1986, 73, 149-152.	1.8	27
59	Simultaneously least favorable experiments. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1985, 69, 387-420.	0.8	4
60	Simultaneously least favorable experiments. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1984, 65, 367-384.	0.8	12