

Jeffrey S Simonoff

List of Publications by Year in descending order

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114
papers

4,336
citations

218677

26
h-index

123424

61
g-index

128
all docs

128
docs citations

128
times ranked

3521
citing authors

#	ARTICLE	IF	CITATIONS
1	Smoothing parameter selection in nonparametric regression using an improved Akaike information criterion. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 1998, 60, 271-293.	2.2	912
2	Smoothing Methods in Statistics. Springer Series in Statistics, 1996, , .	0.9	784
3	Procedures for the Identification of Multiple Outliers in Linear Models. <i>Journal of the American Statistical Association</i> , 1993, 88, 1264-1272.	3.1	272
4	Analyzing Categorical Data. Springer Texts in Statistics, 2003, , .	6.7	143
5	RE-EM trees: a data mining approach for longitudinal and clustered data. <i>Machine Learning</i> , 2012, 86, 169-207.	5.4	134
6	Predicting Movie Grosses: Winners and Losers, Blockbusters and Sleepers. <i>Chance</i> , 2000, 13, 15-24.	0.2	121
7	Causes, cost consequences, and risk implications of accidents in US hazardous liquid pipeline infrastructure. <i>International Journal of Critical Infrastructure Protection</i> , 2009, 2, 38-50.	4.6	91
8	Non-White, No More: Effect Coding as an Alternative to Dummy Coding With Implications for Higher Education Researchers. <i>Journal of College Student Development</i> , 2015, 56, 170-175.	0.9	87
9	Procedures for the Identification of Multiple Outliers in Linear Models. <i>Journal of the American Statistical Association</i> , 1993, 88, 1264.	3.1	75
10	Exploring Innovative Entrepreneurship and Its Ties to Higher Educational Experiences. <i>Research in Higher Education</i> , 2012, 53, 831-859.	1.7	70
11	A Penalty Function Approach to Smoothing Large Sparse Contingency Tables. <i>Annals of Statistics</i> , 1983, 11, 208.	2.6	64
12	Risk-Management and Risk-Analysis-Based Decision Tools for Attacks on Electric Power. <i>Risk Analysis</i> , 2007, 27, 547-570.	2.7	60
13	Alternative Estimation Procedures for $\Pr(X < Y)$ in Categorized Data. <i>Biometrics</i> , 1986, 42, 895.	1.4	58
14	Use of Modified Profile Likelihood for Improved Tests of Constancy of Variance in Regression. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1994, 43, 357.	1.0	51
15	Robust weighted LAD regression. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 3124-3140.	1.2	50
16	Efficiency for Regularization Parameter Selection in Penalized Likelihood Estimation of Misspecified Models. <i>Journal of the American Statistical Association</i> , 2013, 108, 1031-1043.	3.1	49
17	Unbiased regression trees for longitudinal and clustered data. <i>Computational Statistics and Data Analysis</i> , 2015, 88, 53-74.	1.2	47
18	The SAGE Handbook of Multilevel Modeling, , 2013, , .		41

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19	Algorithm AS 282: High Breakdown Regression and Multivariate Estimation. Journal of the Royal Statistical Society Series C: Applied Statistics, 1993, 42, 423.	1.0	38
20	Three Sides of Smoothing: Categorical Data Smoothing, Nonparametric Regression, and Density Estimation. International Statistical Review, 1998, 66, 137-156.	1.9	38
21	Prediction in Censored Survival Data: A Comparison of the Proportional Hazards and Linear Regression Models. Biometrics, 1992, 48, 101.	1.4	37
22	Smoothing categorical data. Journal of Statistical Planning and Inference, 1995, 47, 41-69.	0.6	37
23	Toward Enhancing the Quality and Quantity of Marketing Majors. Journal of Marketing Education, 1999, 21, 4-13.	2.4	36
24	Analysis of Electrical Power and Oil and Gas Pipeline Failures. , 2007, , 381-394.		35
25	The use of regression methodology for the compromise of confidential information in statistical databases. ACM Transactions on Database Systems, 1987, 12, 593-608.	2.8	32
26	Detecting Outlying Cells in Two-Way Contingency Tables Via Backwards-Stepping. Technometrics, 1988, 30, 339-345.	1.9	31
27	A comparison of estimators for regression with a censored response variable. Biometrika, 1990, 77, 515-520.	2.4	31
28	Semiparametric and Additive Model Selection Using an Improved Akaike Information Criterion. Journal of Computational and Graphical Statistics, 1999, 8, 22-40.	1.7	29
29	Risk management of cost consequences in natural gas transmission and distribution infrastructures. Journal of Loss Prevention in the Process Industries, 2010, 23, 269-279.	3.3	29
30	A comparison of robust methods and detection of outliers techniques when estimating a location parameter. Communications in Statistics - Theory and Methods, 1984, 13, 813-842.	1.0	27
31	Measuring the stability of histogram appearance when the anchor position is changed. Computational Statistics and Data Analysis, 1997, 23, 335-353.	1.2	25
32	Semiparametric and Additive Model Selection Using an Improved Akaike Information Criterion. Journal of Computational and Graphical Statistics, 1999, 8, 22.	1.7	25
33	General Approaches to Stepwise Identification of Unusual Values in Data Analysis. The IMA Volumes in Mathematics and Its Applications, 1991, , 223-242.	0.5	25
34	Jackknife-Based Estimators and Confidence Regions in Nonlinear Regression. Technometrics, 1986, 28, 103-112.	1.9	24
35	Outlier detection and robust estimation of scale. Journal of Statistical Computation and Simulation, 1987, 27, 79-92.	1.2	23
36	An Improved Goodness-of-Fit Statistic for Sparse Multinomials. Journal of the American Statistical Association, 1985, 80, 671-677.	3.1	22

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37	Jackknifing and Bootstrapping Goodness-of-Fit Statistics in Sparse Multinomials. <i>Journal of the American Statistical Association</i> , 1986, 81, 1005-1011.	3.1	22
38	The breakdown and influence properties of outlier rejection-plus-mean procedures. <i>Communications in Statistics - Theory and Methods</i> , 1987, 16, 1749-1760.	1.0	19
39	Transformation- based density estimation For weighted distributions. <i>Journal of Nonparametric Statistics</i> , 2000, 12, 861-878.	0.9	19
40	Nursing behaviors of beluga calves (<i>Delphinapterus leucas</i>) born in captivity. <i>Zoo Biology</i> , 1997, 16, 247-262.	1.2	18
41	Colorâ€™emotion associations in the pharmaceutical industry: Understanding Universal and local themes. <i>Color Research and Application</i> , 2012, 37, 59-71.	1.6	18
42	Survival trees for intervalâ€™censored survival data. <i>Statistics in Medicine</i> , 2017, 36, 4831-4842.	1.6	18
43	A Robust Approach to Categorical Data Analysis. <i>Journal of Computational and Graphical Statistics</i> , 2001, 10, 135-157.	1.7	17
44	Cultivating Innovative Entrepreneurs for the Twenty-First Century: A Study of U.S. and German Students. <i>Journal of Higher Education</i> , 2016, 87, 420-455.	2.7	17
45	Probability estimation via smoothing in sparse contingency tables with ordered categories. <i>Statistics and Probability Letters</i> , 1987, 5, 55-63.	0.7	16
46	A Geometric Combination Estimator for d -Dimensional Ordinal Sparse Contingency Tables. <i>Annals of Statistics</i> , 1995, 23, 1143.	2.6	16
47	Survival trees for left-truncated and right-censored data, with application to time-varying covariate data. <i>Biostatistics</i> , 2017, 18, kxw047.	1.5	16
48	Effect Coding as a Mechanism for Improving the Accuracy of Measuring Students Who Self-Identify with More than One Race. <i>Research in Higher Education</i> , 2015, 56, 595-600.	1.7	15
49	Estimation and inference in pharmacokinetic models: The effectiveness of model reformulation and resampling methods for functions of parameters. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1990, 18, 361-377.	0.6	14
50	The Construction and Properties of Boundary Kernels for Smoothing Sparse Multinomials. <i>Journal of Computational and Graphical Statistics</i> , 1994, 3, 57-66.	1.7	14
51	Logistic Regression, Categorical Predictors, and Goodness-of-Fit: It Depends on Who You Ask. <i>American Statistician</i> , 1998, 52, 10.	1.6	14
52	The calculation of outlier detection statistics. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1984, 13, 275-285.	1.2	13
53	Diagnostic Plots for Missing Data in Least Squares Regression. <i>Journal of the American Statistical Association</i> , 1986, 81, 501-509.	3.1	13
54	Regression Diagnostics to Detect Nonrandom Missingness in Linear Regression. <i>Technometrics</i> , 1988, 30, 205-214.	1.9	13

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55	The Construction and Properties of Boundary Kernels for Smoothing Sparse Multinomials. <i>Journal of Computational and Graphical Statistics</i> , 1994, 3, 57.	1.7	13
56	Logistic Regression, Categorical Predictors, and Goodness-of-Fit: It Depends on Who You Ask. <i>American Statistician</i> , 1998, 52, 10-14.	1.6	13
57	Detecting Outlying Cells in Two-Way Contingency Tables Via Backwards-Stepping. <i>Technometrics</i> , 1988, 30, 339.	1.9	13
58	The Relative Importance of Bias and Variability in the Estimation of the Variance of a Statistic. <i>Journal of the Royal Statistical Society: Series D (the Statistician)</i> , 1993, 42, 3.	0.2	12
59	Estimating $\Pr(X < Y)$ in Categorized Data using "ROC" Analysis. <i>Biometrics</i> , 1988, 44, 615.	1.4	11
60	The Use of Guided Reformulations when Collinearities are Present in Non-Linear Regression. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1989, 38, 115.	1.0	11
61	Asthma Hospital Admissions and Ambient Air Pollutant Concentrations in New York City. <i>Journal of Environmental Protection</i> , 2012, 03, 1102-1116.	0.7	11
62	Resource allocation, emergency response capability, and infrastructure concentration around vulnerable sites. <i>Journal of Risk Research</i> , 2011, 14, 597-613.	2.6	10
63	An ensemble method for interval-censored time-to-event data. <i>Biostatistics</i> , 2021, 22, 198-213.	1.5	10
64	Jackknife-Based Estimators and Confidence Regions in Nonlinear Regression. <i>Technometrics</i> , 1986, 28, 103.	1.9	10
65	Jackknifing and bootstrapping quasi-likelihood estimators. <i>Journal of Statistical Computation and Simulation</i> , 1988, 30, 213-232.	1.2	9
66	Robust analysis of variance: process design and quality improvement. <i>International Journal of Productivity and Quality Management</i> , 2006, 1, 306.	0.2	9
67	Tobit model estimation and sliced inverse regression. <i>Statistical Modelling</i> , 2007, 7, 107-123.	1.1	9
68	On the Sensitivity of the Lasso to the Number of Predictor Variables. <i>Statistical Science</i> , 2017, 32, .	2.8	9
69	Regression Diagnostics to Detect Nonrandom Missingness in Linear Regression. <i>Technometrics</i> , 1988, 30, 205.	1.9	9
70	Assessing the influence of individual observations on a goodness-of-fit test based on nonparametric regression. <i>Statistics and Probability Letters</i> , 1991, 12, 9-17.	0.7	8
71	VARIANCE ESTIMATION FOR SAMPLE AUTOCOVARIANCES: DIRECT AND RESAMPLING APPROACHES. <i>The Australian Journal of Statistics</i> , 1991, 33, 23-42.	0.2	8
72	An Introduction to the Bootstrap.. <i>Journal of the American Statistical Association</i> , 1994, 89, 1559.	3.1	8

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73	The anchor position of histograms and frequency polygons: quantitative and qualitative smoothing. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1995, 24, 691-710.	1.2	8
74	Nonprofits As Large Employers:A City-Level Geographical Inquiry. <i>Nonprofit and Voluntary Sector Quarterly</i> , 2000, 29, 455-470.	1.9	8
75	Score Tests for the Single Index Model. <i>Technometrics</i> , 2002, 44, 142-151.	1.9	8
76	A mathematical programming approach for improving the robustness of least sum of absolute deviations regression. <i>Naval Research Logistics</i> , 2006, 53, 261-271.	2.2	8
77	Higher Order Effects in Log-Linear and Log-Non-Linear Models for Contingency Tables with Ordered Categories. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1991, 40, 449.	1.0	7
78	The conditional breakdown properties of least absolute value local polynomial estimators. <i>Journal of Nonparametric Statistics</i> , 2005, 17, 15-30.	0.9	7
79	â€œLast Licksâ€ American Statistician, 2006, 60, 13-18.	1.6	7
80	An Improved Goodness-of-Fit Statistic for Sparse Multinomials. <i>Journal of the American Statistical Association</i> , 1985, 80, 671.	3.1	7
81	Three Sides of Smoothing: Categorical Data Smoothing, Nonparametric Regression, and Density Estimation. <i>International Statistical Review</i> , 1998, 66, 137.	1.9	5
82	Survival of Broadway shows: An empirical investigation of recent trends. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 2015, 1, 114-124.	0.3	5
83	Dynamic estimation with random forests for discrete-time survival data. <i>Canadian Journal of Statistics</i> , 2022, 50, 533-548.	0.9	5
84	Further Applications of Smoothing. <i>Springer Series in Statistics</i> , 1996, , 252-274.	0.9	5
85	Cultivating Innovative Entrepreneurs for the Twenty-First Century: A Study of U.S. and German Students. <i>Journal of Higher Education</i> , 2016, 87, 420-455.	2.7	5
86	Risk and Economic Costs of a Terrorist Attack on the Electric System. , 2007, , .		4
87	Discussion: Jackknife, Bootstrap and Other Resampling Methods in Regression Analysis. <i>Annals of Statistics</i> , 1986, 14, 1326.	2.6	3
88	A simple, automatic and adaptive bivariate density estimator based on conditional densities. <i>Statistics and Computing</i> , 1995, 5, 245-252.	1.5	3
89	Move Over, Roger Maris: Breaking Baseball's Most Famous Record. <i>Journal of Statistics Education</i> , 1998, 6, .	1.4	3
90	Transportation Density and Opportunities for Expediting Recovery to Promote Security. <i>Journal of Applied Security Research</i> , 2008, 4, 48-59.	1.2	3

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91	Regression tree-based diagnostics for linear multilevel models. <i>Statistical Modelling</i> , 2013, 13, 459-480.	1.1	3
92	Multidimensional Contingency Tables. <i>Springer Texts in Statistics</i> , 2003, , 309-364.	6.7	3
93	A Look at Daily Lotteries. <i>American Statistician</i> , 1983, 37, 49-52.	1.6	2
94	Model selection in regression based on pre-smoothing. <i>Journal of Applied Statistics</i> , 2010, 37, 1455-1472.	1.3	2
95	Discussion: Deterioration of performance of the lasso with many predictors. <i>Statistical Modelling</i> , 2016, 16, 212-216.	1.1	2
96	Categorical Data and Goodness-of-Fit. <i>Springer Texts in Statistics</i> , 2003, , 55-123.	6.7	2
97	Diagnostic Plots for Missing Data in Least Squares Regression. <i>Journal of the American Statistical Association</i> , 1986, 81, 501.	3.1	2
98	Regression Models for Count Data. <i>Springer Texts in Statistics</i> , 2003, , 125-196.	6.7	2
99	A Look at Daily Lotteries. <i>American Statistician</i> , 1983, 37, 49.	1.6	1
100	Nonparametric Regression. <i>Springer Series in Statistics</i> , 1996, , 134-214.	0.9	1
101	Unbiased Regression Trees for Longitudinal Data. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
102	Jackknifing and Bootstrapping Goodness-of-Fit Statistics in Sparse Multinomials. <i>Journal of the American Statistical Association</i> , 1986, 81, 1005.	3.1	1
103	Using Conditional Inference Trees to (Re)Explore Nonprofit Board Composition. <i>Nonprofit and Voluntary Sector Quarterly</i> , 2023, 52, 529-543.	1.9	1
104	Application of statistical methodology to the evaluation of timing devices in commodities trading. <i>Journal of Futures Markets</i> , 1981, 1, 649-656.	1.8	0
105	Budget Attainment in Single Period Inventory Models. <i>Engineering Economist</i> , 1984, 30, 47-72.	1.1	0
106	On Spending Money. <i>IIE Transactions</i> , 1986, 18, 79-87.	2.1	0
107	Were the 1996-2000 Yankees the Best Baseball Team Ever?. <i>Chance</i> , 2002, 15, 23-29.	0.2	0
108	Regression Models for Binary Data. <i>Springer Texts in Statistics</i> , 2003, , 365-426.	6.7	0

#	ARTICLE	IF	CITATIONS
109	Gaussian-Based Model Building. Springer Texts in Statistics, 2003, , 29-54.	6.7	0
110	Analyzing Two-Way Tables. Springer Texts in Statistics, 2003, , 197-245.	6.7	0
111	Does momentum exist in a baseball game?., 2007, , 135-151.		0
112	Smoothing Ordered Categorical Data. Springer Series in Statistics, 1996, , 215-251.	0.9	0
113	Smoother Univariate Density Estimation. Springer Series in Statistics, 1996, , 40-95.	0.9	0
114	A Comparison of Robust Methods and Detection of Outliers Techniques When Estimating a Location Parameter. , 1983, , 278-282.		0