Jana Jureckova

List of Publications by Year
in descending order

66 papers	1,333 citations	623734 14 h-index	377865 34 g-index
73 all docs	73 docs citations	73 times ranked	364 citing authors

#	Article	IF	Citations
1	Nonparametric Estimate of Regression Coefficients. Annals of Mathematical Statistics, 1971, 42, 1328-1338.	0.5	289
2	Regression Rank Scores and Regression Quantiles. Annals of Statistics, 1992, 20, 305.	2.6	187
3	Asymptotic Linearity of a Rank Statistic in Regression Parameter. Annals of Mathematical Statistics, 1969, 40, 1889-1900.	0.5	172
4	Asymptotic Relations of M-Estimates and R-Estimates in Linear Regression Model. Annals of Statistics, 1977, 5, 464.	2.6	88
5	Tail Behavior of Regression Estimators and their Breakdown Points. Econometrica, 1990, 58, 1195.	4.2	68
6	Asymptotics for one-step m-estimators in regression with application to combining efficiency and high breakdown point. Communications in Statistics - Theory and Methods, 1987, 16, 2187-2199.	1.0	52
7	Optimal tests for autoregressive models based on autoregression rank scores. Annals of Statistics, 1999, 27, 1385.	2.6	34
8	Order of Normal Approximation for Rank Test Statistics Distribution. Annals of Probability, 1975, 3, 526.	1.8	30
9	Sequential procedures based on M-estimators with discontinuous score functions. Journal of Statistical Planning and Inference, 1981, 5, 253-266.	0.6	25
10	Tail-Behavior of Location Estimators. Annals of Statistics, 1981, 9, 578.	2.6	24
11	Shapiroâ€"Wilk-type test of normality under nuisance regression and scale. Computational Statistics and Data Analysis, 2007, 51, 5184-5191.	1.2	24
12	Central Limit Theorem for Wilcoxon Rank Statistics Process. Annals of Statistics, 1973, 1, 1046.	2.6	21
13	Effect of the initial estimator on the asymptotic behavior of one-step M-estimator. Annals of the Institute of Statistical Mathematics, 1990, 42, 345-357.	0.8	19
14	Adaptive choice of trimming proportion in trimmed least-squares estimation. Statistics and Probability Letters, 1997, 33, 167-176.	0.7	16
15	Nonparametric tests of independence of two autoregressive time series based on autoregression rank scores. Journal of Statistical Planning and Inference, 1999, 75, 319-330.	0.6	15
16	A Class of Tests on the Tail Index. Extremes, 2001, 4, 165-183.	1.0	15
17	Adaptive choice of trimming proportions. Annals of the Institute of Statistical Mathematics, 1994, 46, 737-755.	0.8	14
18	A Second-Order Asymptotic Distributional Representation of M-Estimators with Discontinuous Score Functions. Annals of Probability, 1987, 15, .	1.8	14

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19	Test of tails based on extreme regression quantiles. Statistics and Probability Letters, 2000, 49, 53-61.	0.7	13
20	Rank tests and regression rank score tests in measurement error models. Computational Statistics and Data Analysis, 2010, 54, 3108-3120.	1.2	13
21	Mâ€"Estimtors and lâ€"estimators of location: uniform integrability and asymptotic riskâ€"efficient sequential versions. Communications in Statistics Part C: Sequential Analysis, 1982, 1, 27-56.	0.3	11
22	Estimation of quantile density function based on regression quantiles. Statistics and Probability Letters, 1995, 23, 73-78.	0.7	10
23	Non-parametric tests in AR models with applications to climatic data. Environmetrics, 1997, 8, 651-660.	1.4	10
24	Robust Estimators of Location anD Regression Parameters and their Second Order Asymptotic Relations. , 1983, , 19-32.		10
25	Second order asymptotic relations of M-estimators and R-estimators in two-sample location model. Journal of Statistical Planning and Inference, 1981, 5, 309-328.	0.6	9
26	Asymptotic relations betweenL- andM-estimators in the linear model. Annals of the Institute of Statistical Mathematics, 1990, 42, 671-698.	0.8	9
27	Asymptotic representation of L-estimators and their relations to M-estimators. Sequential Analysis, 1986, 5, 317-338.	0.5	8
28	Computational aspects of adaptive combination of least squares and least absolute deviations estimators. Computational Statistics and Data Analysis, 1991, 12, 87-99.	1.2	7
29	Goodness-of-fit test with nuisance regression and scale. Metrika, 2003, 58, 235-258.	0.8	7
30	Finite-sample distribution of regression quantiles. Statistics and Probability Letters, 2010, 80, 1940-1946.	0.7	7
31	Flexible L-estimation in the linear model. Computational Statistics and Data Analysis, 1991, 12, 211-220.	1.2	6
32	The asymptotics for studentized K-Step M-Estimators of location. Sequential Analysis, 1995, 14, 229-245.	0.5	6
33	Heavy tailed durations of regional rainfall. Applications of Mathematics, 2008, 53, 249-265.	0.9	6
34	Minimum risk equivariant estimator in linear regression model. Statistics & Risk Modeling, 2009, 27, 37-54.	0.3	6
35	Likelihood Ratio Testing under Measurement Errors. Entropy, 2018, 20, 966.	2.2	6
36	Tail behavior of the least-squares estimator. Statistics and Probability Letters, 2001, 55, 377-384.	0.7	5

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37	Testing the tail index in autoregressive models. Annals of the Institute of Statistical Mathematics, 2009, 61, 579-598.	0.8	5
38	Behavior of R-estimators under measurement errors. Bernoulli, 2016, 22, .	1.3	5
39	Characterization of distributions in invariant models. Journal of Statistical Planning and Inference, 1999, 75, 353-362.	0.6	4
40	Trimmed, Bayesian and admissible estimators. Statistics and Probability Letters, 1999, 42, 47-51.	0.7	4
41	Averaged extreme regression quantile. Extremes, 2016, 19, 41-49.	1.0	4
42	Composite Tests under Corrupted Data. Entropy, 2019, 21, 63.	2.2	4
43	Robust Estimators of Location and Their Second-Order Asymptotic Relations. , 1985, , 377-392.		4
44	Averaged Regression Quantiles. Springer Proceedings in Mathematics and Statistics, 2014, , 203-216.	0.2	4
45	Inadmissibility of robust estimators with respect to $Lsb 1$ norm. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1997, , 71-78.	1.0	4
46	Rate of consistency of one sample tests of location. Journal of Statistical Planning and Inference, 1980, 4, 249-257.	0.6	3
47	SimultaneousM-estimator of the common location and the scale-ratio in the two-sample problem. Statistics, 1982, 13, 163-169.	0.1	3
48	21 M-, L- and R-estimators. Handbook of Statistics, 1984, 4, 463-485.	0.6	3
49	Regression Rank-Scores Tests against Heavy-Tailed Alternatives. Bernoulli, 1999, 5, 659.	1.3	3
50	Goodness-of-fit tests and second-order asymptotic relations. Journal of Statistical Planning and Inference, 2000, 91, 377-397.	0.6	3
51	Robust multivariate location estimation, admissibility, and shrinkage phenomenon. Statistics & Risk Modeling, 2006, 24, 273-290.	0.3	3
52	Estimator of the Pareto Index Based on Nonparametric Test. Communications in Statistics - Theory and Methods, 2010, 39, 1536-1551.	1.0	3
53	Shrinkage of Maximum Likelihood Estimator of Multivariate Location. Contributions To Statistics, 1994, , 303-318.	0.2	3
54	Robustified version of Stein's multivariate location estimation. Statistics and Probability Letters, 1990, 9, 375-380.	0.7	2

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55	17 Asymptotic representations and interrelations of robust estimators and their applications. Handbook of Statistics, 1997, , 467-512.	0.6	2
56	SERIAL AUTOREGRESSION AND REGRESSION RANK SCORES STATISTICS. , 2007, , 335-362.		2
57	Finite-sample density and its small sample asymptotic approximation. Statistics and Probability Letters, 2011, 81, 1311-1318.	0.7	2
58	Regression quantiles and their two-step modifications. Statistics and Probability Letters, 2012, 82, 1111-1115.	0.7	2
59	A goodness-of-fit test with nuisance parameters: numerical performance. Journal of Statistical Planning and Inference, 2002, 102, 337-347.	0.6	1
60	Regression Quantile and Averaged Regression Quantile Processes. Springer Proceedings in Mathematics and Statistics, 2017, , 53-62.	0.2	1
61	Adaptive Combination of Tests. , 2002, , 413-424.		0
62	Rank tests in heteroscedastic linear model with nuisance parameters. Metrika, 2014, 77, 433-450.	0.8	0
63	L 1-Derivatives, Score Functions and Tests. , 2002, , 183-189.		0
64	Regression Rank Scores: Asymptotic Linearity and RR-Estimators. Contributions To Statistics, 1995, , 193-203.	0.2	0
65	Asymptotic and Finite-Sample Properties in Statistical Estimation. Fields Institute Communications, 2015, , 379-387.	1.3	0
66	Averaged Autoregression Quantiles in Autoregressive Model. Springer Proceedings in Mathematics and Statistics, 2020, , 1-15.	0.2	0