Zhengyan Lin

List of Publications by Year
in descending order

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81	756	567281 15	610901 24
papers	citations	h-index	g-index

81	81	81	340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved Estimation of Population Mean Through Known Conventional and Non-Conventional Measures of Auxiliary Variable. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1851-1862.	1.5	6
2	On Improved Estimation of Population Mean Using Known Coefficient of Skewness of an Auxiliary Variable. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1139-1149.	1.5	0
3	In-control robustness comparison of different control charts. Transactions of the Institute of Measurement and Control, 2018, 40, 3860-3871.	1.7	15
4	Optimized estimation for population mean using conventional and non-conventional measures under the joint influence of measurement error and non-response. Journal of Statistical Computation and Simulation, 2018, 88, 2385-2403.	1.2	4
5	Investigating the Impact of Ranked Set Sampling in Nonparametric CUSUM Control Charts. Quality and Reliability Engineering International, 2017, 33, 203-214.	2.3	33
6	The Maxwell length-biased distribution: Properties and estimation. Journal of Statistical Theory and Practice, 2017, 11, 26-40.	0.5	10
7	An Efficient Nonparametric EWMA Wilcoxon Signedâ€Rank Chart for Monitoring Location. Quality and Reliability Engineering International, 2017, 33, 669-685.	2.3	52
8	Use of ranked set sampling in nonparametric control charts. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 627-636.	1.1	30
9	An almost sure central limit theorem for self-normalized partial sums of weakly dependent random variables. Communications in Statistics - Theory and Methods, 2016, 45, 3411-3420.	1.0	2
10	Limit theory for random coefficient autoregressive process under possibly infinite variance error sequence. Communications in Statistics - Theory and Methods, 2016, 45, 3562-3576.	1.0	0
11	On Convergence to Stochastic Integrals. Journal of Theoretical Probability, 2016, 29, 717-736.	0.8	1
12	Asymptotic normality of locally modelled regression estimator for functional data. Journal of Nonparametric Statistics, 2016, 28, 116-131.	0.9	18
13	The properties of the geometric-Poisson exponentially weighted moving control chart with estimated parameters. Cogent Mathematics, 2015, 2, 992381.	0.4	7
14	Designing of Gini-chart for Exponential, t, Logistic and Laplace Distributions. Communications in Statistics Part B: Simulation and Computation, 2015, 44, 2387-2409.	1.2	3
15	Specification testing in nonstationary time series models. Econometrics Journal, 2015, 18, 117-136.	2.3	4
16	The Negative Binomial Exponentially Weighted Moving Average Chart with Estimated Control Limits. Quality and Reliability Engineering International, 2015, 31, 239-250.	2.3	6
17	An adaptive tester for the mean vector in large <mml:math altimg="si201.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	1.2	6
18	A Least Squares Estimator for LÃ©vy-driven Moving Averages Based on Discrete Time Observations. Communications in Statistics - Theory and Methods, 2015, 44, 1111-1129.	1.0	8

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19	Nonparametric estimation of quantiles for a class of stationary processes. Science China Mathematics, 2015, 58, 2621-2632.	1.7	0
20	Control Charts for Dispersed Count Data: An Overview. Quality and Reliability Engineering International, 2015, 31, 725-739.	2.3	48
21	A Flexible and Generalized Exponentially Weighted Moving Average Control Chart for Count Data. Quality and Reliability Engineering International, 2014, 30, 1427-1443.	2.3	22
22	On median control charting under double sampling scheme. European Journal of Industrial Engineering, 2014, 8, 478.	0.8	24
23	Tests for a Multiple-Sample Problem in High Dimensions. Communications in Statistics - Theory and Methods, 2014, 43, 291-305.	1.0	1
24	Local linear estimator for stochastic differential equations driven by Î±-stable LÃ©vy motions. Science China Mathematics, 2014, 57, 609-626.	1.7	4
25	Consistency of kernel density estimators for causal processes. Science China Mathematics, 2014, 57, 1083-1108.	1.7	0
26	A Study on the Robustness ofG-Chart to Non-Normality. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 2241-2251.	1.2	5
27	Control chart for monitoring multivariate COM-Poisson attributes. Journal of Applied Statistics, 2014, 41, 200-214.	1.3	20
28	On efficient median control charting. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2014, 37, 358-375.	1.1	55
29	Cumulative sum charts for monitoring the COM-Poisson processes. Computers and Industrial Engineering, 2014, 68, 65-77.	6.3	16
30	The Use of Probability Limits of COMâ€“Poisson Charts and their Applications. Quality and Reliability Engineering International, 2013, 29, 759-770.	2.3	22
31	Re-weighted Nadarayaâ€“Watson estimation of second-order jump-diffusion model. Journal of Statistical Planning and Inference, 2013, 143, 730-744.	0.6	6
32	On monitoring process variability under double sampling scheme. International Journal of Production Economics, 2013, 142, 388-400.	8.9	62
33	Approximation of the Tail Probability of Dependent Random Sums Under Consistent Variation and Applications. Methodology and Computing in Applied Probability, 2013, 15, 165-186.	1.2	5
34	Empirical likelihood inference for the second-order jump-diffusion model. Statistics and Probability Letters, 2013, 83, 184-195.	0.7	2
35	Strong approximation for Ï•-mixing sequences. Science China Mathematics, 2012, 55, 2159-2182.	1.7	1
36	Reweighted Nadaraya-Watson estimation of jump-diffusion models. Science China Mathematics, 2012, 55, 1005-1016.	1.7	14

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37	Penalized Independence Rule for Testing High-Dimensional Hypotheses. Communications in Statistics - Theory and Methods, 2011, 40, 2424-2435.	1.0	0
38	On Two Types of Breakdown Points of WeightedL²-median. Communications in Statistics - Theory and Methods, 2011, 40, 1131-1141.	1.0	1
39	Local Linear Estimation of Second-Order Diffusion Models. Communications in Statistics - Theory and Methods, 2011, 40, 394-407.	1.0	18
40	The invariance principle for fractionally integrated processes with strong near-epoch dependent innovations. Science China Mathematics, 2011, 54, 117-132.	1.7	1
41	Shrinkage-based regularization tests for high-dimensional data with application to gene set analysis. Computational Statistics and Data Analysis, 2011, 55, 2221-2233.	1.2	20
42	Statistical inference in partially time-varying coefficient models. Journal of Statistical Planning and Inference, 2011, 141, 995-1013.	0.6	30
43	The functional central limit theorem for linear processes with strong near-epoch dependent innovations. Journal of Mathematical Analysis and Applications, 2011, 376, 373-382.	1.0	3
44	Empirical likelihood inference for diffusion processes with jumps. Science China Mathematics, 2010, 53, 1805-1816.	1.7	22
45	Nonparametric tests for the general multivariate multi-sample problem. Journal of Nonparametric Statistics, 2009, 21, 877-888.	0.9	7
46	Adaptive Lasso in high-dimensional settings. Journal of Nonparametric Statistics, 2009, 21, 683-696.	0.9	6
47	Variable selection in partially time-varying coefficient models. Journal of Nonparametric Statistics, 2009, 21, 553-566.	0.9	5
48	Strong approximation for a class of stationary processes. Stochastic Processes and Their Applications, 2009, 119, 249-280.	0.9	32
49	ROBUST ESTIMATION IN PARAMETRIC TIME SERIES MODELS UNDER LONGâ€•AND SHORTâ€RANGEâ€DEPENDENT STRUCTURES. Australian and New Zealand Journal of Statistics, 2009, 51, 161-181.	0.9	7
50	Asymptotic Distributions of Innovation Density Estimators in Linear Processes. Communications in Statistics - Theory and Methods, 2008, 37, 2262-2275.	1.0	0
51	A nonparametric test for the change of the density function under association. Journal of Nonparametric Statistics, 2007, 19, 1-12.	0.9	1
52	Chung LIL for integrated stable process. Statistics and Probability Letters, 2007, 77, 295-302.	0.7	1
53	Functional limit theorems for the infinite series of OU processes in HÃ¶lder norm. Computers and Mathematics With Applications, 2007, 53, 1644-1657.	2.7	0
54	The Limiting Behavior for Observations That Change with Time*. Chinese Annals of Mathematics Series B, 2007, 28, 123-134.	0.4	0

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55	Some limiting properties of the bounds of the present value function of a life insurance portfolio. Journal of Applied Probability, 2006, 43, 1155-1164.	0.7	2
56	The variance of partial sums of strong near-epoch dependent variables. Statistics and Probability Letters, 2006, 76, 1845-1854.	0.7	2
57	A Functional LIL for m-Fold Integrated Brownian Motion*. Chinese Annals of Mathematics Series B, 2006, 27, 459-472.	0.4	4
58	Some path properties of generalized LÃ©vy sheet. Science in China Series A: Mathematics, 2006, 49, 1777-1787.	0.5	1
59	THE L1-NORM KERNEL ESTIMATOR OF CONDITIONAL MEDIAN FOR STATIONARY PROCESSES. , 2006, , .		1
60	Some limiting properties of the bounds of the present value function of a life insurance portfolio. Journal of Applied Probability, 2006, 43, 1155-1164.	0.7	1
61	The Invariance Principle for the Total Length of the Nearest-Neighbor Graph. Journal of Theoretical Probability, 2005, 18, 649-664.	0.8	0
62	ON THE INCREMENTS OF A d-DIMENSIONAL GAUSSIAN PROCESS. Journal of the Korean Mathematical Society, 2005, 42, 1215-1230.	0.4	1
63	A CENTRAL LIMIT THEOREM FOR STRONG NEAR-EPOCH DEPENDENT RANDOM VARIABLES. Chinese Annals of Mathematics Series B, 2004, 25, 263-274.	0.4	3
64	The Hausdorff Dimension of the Level Sets for a Fractional Brownian Sheet. Stochastic Analysis and Applications, 2004, 22, 1511-1523.	1.5	0
65	Strassen-type Laws of Iterated Logarithm for a Fractional Brownian Sheet. Stochastic Analysis and Applications, 2004, 22, 193-210.	1.5	0
66	The modulus of non-differentiability of a Brownian motion in lp. Acta Mathematica Hungarica, 2004, 105, 175-186.	0.5	0
67	Strong near-epoch dependence. Science in China Series A: Mathematics, 2004, 47, 497.	0.5	6
68	The Law of the Iterated Logarithm for the Total Length of the Nearest Neighbor Graph. Journal of Theoretical Probability, 2004, 17, 245-260.	0.8	1
69	Path properties of a d-dimensional Gaussian process. Statistics and Probability Letters, 2004, 68, 383-393.	0.7	2
70	The functional central limit theorem for strong near-epoch dependent random variables *. Progress in Natural Science: Materials International, 2004, 14, 9-14.	4.4	3
71	Exact Hausdorff measure of the lever sets of a multi-parameter stable process*. Progress in Natural Science: Materials International, 2004, 14, 365-368.	4.4	0
72	SOME FUNCTIONAL LIMIT THEOREMS FOR THE INFINITE SERIES OF OU PROCESSES. Chinese Annals of Mathematics Series B, 2003, 24, 249-260.	0.4	1

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73	A note on weak laws of large numbers for arrays of rowwise negatively quadrant dependent random variables*. Progress in Natural Science: Materials International, 2003, 13, 557-560.	4.4	0
74	ASYMPTOTIC NORMALITY OF KERNEL ESTIMATES OF A DENSITY FUNCTION UNDER ASSOCIATION DEPENDENCE. Acta Mathematica Scientia, 2003, 23, 345-350.	1.0	6
75	Path properties of the primitives of a Brownian motion. Journal of the Australian Mathematical Society, 2001, 70, 119-133.	0.4	5
76	The Berry-Esseen bound for studentized U-statistics. Science in China Series A: Mathematics, 2000, 43, 1154-1163.	0.5	0
77	Increments and sample path properties of Gaussian processes. Science Bulletin, 1999, 44, 1633-1641.	1.7	1
78	Strong Limit Theorems. , 1992, , .		35
79	Path properties of kernel generated two-time parameter Gaussian processes. Probability Theory and Related Fields, 1991, 89, 423-445.	1.8	2
80	On Moduli of Continuity for Gaussian and l2-Norm Squared Processes Generated by Ornstein-Uhlenbeck Processes. Canadian Journal of Mathematics, 1990, 42, 141-158.	0.6	10
81	Nonparametric Specification Testing in Nonlinear and Nonstationary Time Series Models: Theory and Practice. SSRN Electronic Journal, 0, , .	0.4	3