Zhengyan Lin

List of Publications by Year
in descending order

81 papers	756 citations	567281 15 h-index	610901 24 g-index
81 all docs	81 docs citations	81 times ranked	340 citing authors

#	Article	IF	Citations
1	On monitoring process variability under double sampling scheme. International Journal of Production Economics, 2013, 142, 388-400.	8.9	62
2	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
3	An Efficient Nonparametric EWMA Wilcoxon Signed‐Rank Chart for Monitoring Location. Quality and Reliability Engineering International, 2017, 33, 669-685.	2.3	52
4	Control Charts for Dispersed Count Data: An Overview. Quality and Reliability Engineering International, 2015, 31, 725-739.	2.3	48
5	Strong Limit Theorems. , 1992, , .		35
6	Investigating the Impact of Ranked Set Sampling in Nonparametric CUSUM Control Charts. Quality and Reliability Engineering International, 2017, 33, 203-214.	2.3	33
7	Strong approximation for a class of stationary processes. Stochastic Processes and Their Applications, 2009, 119, 249-280.	0.9	32
8	Statistical inference in partially time-varying coefficient models. Journal of Statistical Planning and Inference, 2011, 141, 995-1013.	0.6	30
9	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
10	On median control charting under double sampling scheme. European Journal of Industrial Engineering, 2014, 8, 478.	0.8	24
11	Empirical likelihood inference for diffusion processes with jumps. Science China Mathematics, 2010, 53, 1805-1816.	1.7	22
12	The Use of Probability Limits of COM–Poisson Charts and their Applications. Quality and Reliability Engineering International, 2013, 29, 759-770.	2.3	22
13	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
14	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
15	Control chart for monitoring multivariate COM-Poisson attributes. Journal of Applied Statistics, 2014, 41, 200-214.	1.3	20
16	Local Linear Estimation of Second-Order Diffusion Models. Communications in Statistics - Theory and Methods, 2011, 40, 394-407.	1.0	18
17	Asymptotic normality of locally modelled regression estimator for functional data. Journal of Nonparametric Statistics, 2016, 28, 116-131.	0.9	18
18	Cumulative sum charts for monitoring the COM-Poisson processes. Computers and Industrial Engineering, 2014, 68, 65-77.	6.3	16

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19	In-control robustness comparison of different control charts. Transactions of the Institute of Measurement and Control, 2018, 40, 3860-3871.	1.7	15
20	Reweighted Nadaraya-Watson estimation of jump-diffusion models. Science China Mathematics, 2012, 55, 1005-1016.	1.7	14
21	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
22	The Maxwell length-biased distribution: Properties and estimation. Journal of Statistical Theory and Practice, 2017, 11, 26-40.	0.5	10
23	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
24	Nonparametric tests for the general multivariate multi-sample problem. Journal of Nonparametric Statistics, 2009, 21, 877-888.	0.9	7
25	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
26	The properties of the geometric-Poisson exponentially weighted moving control chart with estimated parameters. Cogent Mathematics, 2015, 2, 992381.	0.4	7
27	ASYMPTOTIC NORMALITY OF KERNEL ESTIMATES OF A DENSITY FUNCTION UNDER ASSOCIATION DEPENDENCE. Acta Mathematica Scientia, 2003, 23, 345-350.	1.0	6
28	Strong near-epoch dependence. Science in China Series A: Mathematics, 2004, 47, 497.	0.5	6
29	Adaptive Lasso in high-dimensional settings. Journal of Nonparametric Statistics, 2009, 21, 683-696.	0.9	6
30	Re-weighted Nadarayaâ€"Watson estimation of second-order jump-diffusion model. Journal of Statistical Planning and Inference, 2013, 143, 730-744.	0.6	6
31	The Negative Binomial Exponentially Weighted Moving Average Chart with Estimated Control Limits. Quality and Reliability Engineering International, 2015, 31, 239-250.	2.3	6
32	An adaptive test for the mean vector in large-<mml:math altimg="si101.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
33	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
34	Path properties of the primitives of a Brownian motion. Journal of the Australian Mathematical Society, 2001, 70, 119-133.	0.4	5
35	Variable selection in partially time-varying coefficient models. Journal of Nonparametric Statistics, 2009, 21, 553-566.	0.9	5
36	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

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37	A Study on the Robustness of *G*-Chart to Non-Normality. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 2241-2251.	1.2	5
38	A Functional LIL for m-Fold Integrated Brownian Motion*. Chinese Annals of Mathematics Series B, 2006, 27, 459-472.	0.4	4
39	Local linear estimator for stochastic differential equations driven by Î±-stable LÃ©vy motions. Science China Mathematics, 2014, 57, 609-626.	1.7	4
40	Specification testing in nonstationary time series models. Econometrics Journal, 2015, 18, 117-136.	2.3	4
41	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
42	A CENTRAL LIMIT THEOREM FOR STRONG NEAR-EPOCH DEPENDENT RANDOM VARIABLES. Chinese Annals of Mathematics Series B, 2004, 25, 263-274.	0.4	3
43	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
44	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
45	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
46	Nonparametric Specification Testing in Nonlinear and Nonstationary Time Series Models: Theory and Practice. SSRN Electronic Journal, 0, , .	0.4	3
47	Path properties of kernel generated two-time parameter Gaussian processes. Probability Theory and Related Fields, 1991, 89, 423-445.	1.8	2
48	Path properties of a d-dimensional Gaussian process. Statistics and Probability Letters, 2004, 68, 383-393.	0.7	2
49	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
50	The variance of partial sums of strong near-epoch dependent variables. Statistics and Probability Letters, 2006, 76, 1845-1854.	0.7	2
51	Empirical likelihood inference for the second-order jump-diffusion model. Statistics and Probability Letters, 2013, 83, 184-195.	0.7	2
52	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
53	Increments and sample path properties of Gaussian processes. Science Bulletin, 1999, 44, 1633-1641.	1.7	1
54	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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55	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
56	Some path properties of generalized Lévy sheet. Science in China Series A: Mathematics, 2006, 49, 1777-1787.	0.5	1
57	A nonparametric test for the change of the density function under association. Journal of Nonparametric Statistics, 2007, 19, 1-12.	0.9	1
58	Chung LIL for integrated stable process. Statistics and Probability Letters, 2007, 77, 295-302.	0.7	1
59	On Two Types of Breakdown Points of Weighted L^2-median. Communications in Statistics - Theory and Methods, 2011, 40, 1131-1141.	1.0	1
60	The invariance principle for fractionally integrated processes with strong near-epoch dependent innovations. Science China Mathematics, 2011, 54, 117-132.	1.7	1
61	Strong approximation for Ï•mixing sequences. Science China Mathematics, 2012, 55, 2159-2182.	1.7	1
62	Tests for a Multiple-Sample Problem in High Dimensions. Communications in Statistics - Theory and Methods, 2014, 43, 291-305.	1.0	1
63	On Convergence to Stochastic Integrals. Journal of Theoretical Probability, 2016, 29, 717-736.	0.8	1
64	THE L1-NORM KERNEL ESTIMATOR OF CONDITIONAL MEDIAN FOR STATIONARY PROCESSES. , 2006, , .		1
65	ON THE INCREMENTS OF A d-DIMENSIONAL GAUSSIAN PROCESS. Journal of the Korean Mathematical Society, 2005, 42, 1215-1230.	0.4	1
66	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
67	The Berry-Esseen bound for studentized U-statistics. Science in China Series A: Mathematics, 2000, 43, 1154-1163.	0.5	0
68	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
69	The Hausdorff Dimension of the Level Sets for a Fractional Brownian Sheet. Stochastic Analysis and Applications, 2004, 22, 1511-1523.	1.5	0
70	Strassen-type Laws of Iterated Logarithm for a Fractional Brownian Sheet. Stochastic Analysis and Applications, 2004, 22, 193-210.	1.5	0
71	The modulus of non-differentiability of a Brownian motion in lp. Acta Mathematica Hungarica, 2004, 105, 175-186.	0.5	0
72	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

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73	The Invariance Principle for the Total Length of the Nearest-Neighbor Graph. Journal of Theoretical Probability, 2005, 18, 649-664.	0.8	0
74	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
75	The Limiting Behavior for Observations That Change with Time*. Chinese Annals of Mathematics Series B, 2007, 28, 123-134.	0.4	0
76	Asymptotic Distributions of Innovation Density Estimators in Linear Processes. Communications in Statistics - Theory and Methods, 2008, 37, 2262-2275.	1.0	0
77	Penalized Independence Rule for Testing High-Dimensional Hypotheses. Communications in Statistics - Theory and Methods, 2011, 40, 2424-2435.	1.0	0
78	Consistency of kernel density estimators for causal processes. Science China Mathematics, 2014, 57, 1083-1108.	1.7	0
79	Nonparametric estimation of quantiles for a class of stationary processes. Science China Mathematics, 2015, 58, 2621-2632.	1.7	0
80	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
81	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