## Peter C B Phillips

List of Publications by Year in descending order

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349 papers 46,157 citations

64 h-index 199 g-index

356 all docs

356 docs citations

356 times ranked

11423 citing authors

#	Article	IF	CITATIONS
1	Diagnosing housing fever with an econometric thermometer. Journal of Economic Surveys, 2023, 37, 159-186.	3.7	13
2	ROBUST TESTS FOR WHITE NOISE AND CROSS-CORRELATION. Econometric Theory, 2022, 38, 913-941.	0.6	15
3	PARAMETRIC CONDITIONAL MEAN INFERENCE WITH FUNCTIONAL DATA APPLIED TO LIFETIME INCOME CURVES. International Economic Review, 2022, 63, 391-456.	0.6	1
4	THE <i>ECONOMETRIC THEORY</i> AWARDS 2022. Econometric Theory, 2022, 38, 418-418.	0.6	0
5	Robust inference with stochastic local unit root regressors in predictive regressions. Journal of Econometrics, 2022, , .	3.5	0
6	LATENT VARIABLE NONPARAMETRIC COINTEGRATING REGRESSION. Econometric Theory, 2021, 37, 138-168.	0.6	1
7	Nonstationary panel models with latent group structures and cross-section dependence. Journal of Econometrics, 2021, 221, 198-222.	3.5	10
8	BUSINESS CYCLES, TREND ELIMINATION, AND THE HP FILTER. International Economic Review, 2021, 62, 469-520.	0.6	18
9	BOOSTING: WHY YOU CAN USE THE HP FILTER. International Economic Review, 2021, 62, 521-570.	0.6	43
10	House prices and affordability. New Zealand Economic Papers, 2021, 55, 1-6.	0.6	4
11	NONLINEAR COINTEGRATING POWER FUNCTION REGRESSION WITH ENDOGENEITY. Econometric Theory, 2021, 37, 1173-1213.	0.6	2
12	THE <i>ECONOMETRIC THEORY</i> AWARDS 2021. Econometric Theory, 2021, 37, 408-408.	0.6	0
13	TJALLING C. KOOPMANS ECONOMETRIC THEORY PRIZE 2018 – 2020. Econometric Theory, 2021, 37, 849-850.	0.6	0
14	Pitfalls in Bootstrapping Spurious Regression. Journal of Quantitative Economics, 2021, 19, 163.	0.2	1
15	Econometric estimates of Earth's transient climate sensitivity. Journal of Econometrics, 2020, 214, 6-32.	3.5	16
16	Real time monitoring of asset markets: Bubbles and crises. Handbook of Statistics, 2020, , 61-80.	0.4	50
17	Causal Change Detection in Possibly Integrated Systems: Revisiting the Money–Income Relationship*. Journal of Financial Econometrics, 2020, 18, 158-180.	0.8	90
18	Kernel-based Inference in Time-Varying Coefficient Cointegrating Regression. Journal of Econometrics, 2020, 215, 607-632.	3.5	5

#	Article	IF	CITATIONS
19	Hybrid stochastic local unit roots. Journal of Econometrics, 2020, 215, 257-285.	3.5	10
20	Testing Convergence Using HAR Inference. Advances in Econometrics, 2020, , 25-72.	0.2	1
21	Dynamic Panel Modeling of Climate Change. Econometrics, 2020, 8, 30.	0.5	3
22	Understanding temporal aggregation effects on kurtosis in financial indices. Journal of Econometrics, 2020, 227, 25-25.	3.5	1
23	THE <i>ECONOMETRIC THEORY</i> AWARDS 2020. Econometric Theory, 2020, 36, 367-367.	0.6	0
24	Asymptotic theory for near integrated processes driven by tempered linear processes. Journal of Econometrics, 2020, 216, 192-202.	3.5	2
25	Point optimal testing with roots that are functionally local to unity. Journal of Econometrics, 2020, 219, 231-259.	3.5	5
26	Detecting Financial Collapse and Ballooning Sovereign Risk. Oxford Bulletin of Economics and Statistics, 2019, 81, 1336-1361.	0.9	35
27	Random coefficient continuous systems: Testing for extreme sample path behavior. Journal of Econometrics, 2019, 209, 208-237.	3.5	14
28	Weak <mml:math altimg="si833.gif" display="inline" id="d1e3300" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>\(\frac{1}{f}\)\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\</mml:mi></mml:math>	3.5	30
29	Dynamic panel GMM using R. Handbook of Statistics, 2019, 41, 119-144.	0.4	5
30	Uniform Inference in Panel Autoregression. Econometrics, 2019, 7, 45.	0.5	1
31	HAR Testing for Spurious Regression in Trend. Econometrics, 2019, 7, 50.	0.5	4
32	The heterogeneous effects of the minimum wage on employment across states. Economics Letters, 2019, 174, 179-185.	0.9	23
33	Sequentially testing polynomial model hypotheses using power transforms of regressors. Journal of Applied Econometrics, 2018, 33, 141-159.	1.3	12
34	DYNAMIC PANEL ANDERSON-HSIAO ESTIMATION WITH ROOTS NEAR UNITY. Econometric Theory, 2018, 34, 253-276.	0.6	16
35	Threshold regression with endogeneity. Journal of Econometrics, 2018, 203, 50-68.	3.5	36
36	Boundary Limit Theory for Functional Local to Unity Regression. Journal of Time Series Analysis, 2018, 39, 523-562.	0.7	10

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37	Practical Kolmogorov–Smirnov Testing by Minimum Distance Applied to Measure Top Income Shares in Korea. Journal of Business and Economic Statistics, 2018, 36, 523-537.	1.8	1
38	FINANCIAL BUBBLE IMPLOSION AND REVERSE REGRESSION. Econometric Theory, 2018, 34, 705-753.	0.6	98
39	Pythagorean generalization of testing the equality of two symmetric positive definite matrices. Journal of Econometrics, 2018, 202, 45-56.	3.5	10
40	IV AND GMM INFERENCE IN ENDOGENOUS STOCHASTIC UNIT ROOT MODELS. Econometric Theory, 2018, 34, 1065-1100.	0.6	10
41	TJALLING C. KOOPMANS ECONOMETRIC THEORY PRIZE 2015–2017. Econometric Theory, 2018, 34, 947-948.	0.6	О
42	Threshold regression asymptotics: From the compound Poisson process to two-sided Brownian motion. Economics Letters, 2018, 172, 123-126.	0.9	3
43	Change Detection and the Causal Impact of the Yield Curve. Journal of Time Series Analysis, 2018, 39, 966-987.	0.7	140
44	Lethargic Response to Aerosol Emissions in Current Climate Models. Geophysical Research Letters, 2018, 45, 9814-9823.	1.5	19
45	A frequentist approach to Bayesian asymptotics. Journal of Econometrics, 2018, 206, 359-378.	3.5	3
46	Homogeneity pursuit in panel data models: Theory and application. Journal of Applied Econometrics, 2018, 33, 797-815.	1.3	34
47	Lag length selection in panel autoregression. Econometric Reviews, 2017, 36, 225-240.	0.5	29
48	Indirect inference in spatial autoregression. Econometrics Journal, 2017, 20, 168-189.	1.2	17
49	TRIBUTE TO T.W. ANDERSON. Econometric Theory, 2017, 33, 529-533.	0.6	О
50	Reduced forms and weak instrumentation. Econometric Reviews, 2017, 36, 818-839.	0.5	3
51	<i>Econometric Reviews</i> honors Esfandiar Maasoumi. Econometric Reviews, 2017, 36, 563-567.	0.5	О
52	Structural inference from reduced forms with many instruments. Journal of Econometrics, 2017, 199, 96-116.	3.5	4
53	Inference in continuous systems with mildly explosive regressors. Journal of Econometrics, 2017, 201, 400-416.	3.5	16
54	Phoebus J. Dhrymes (1932–2016). Econometric Theory, 2017, 33, 1039-1045.	0.6	0

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55	Estimating smooth structural change in cointegration models. Journal of Econometrics, 2017, 196, 180-195.	3.5	42
56	A multivariate stochastic unit root model with an application to derivative pricing. Journal of Econometrics, 2017, 196, 99-110.	3.5	25
57	Hybrid Stochastic Local Unit Roots. SSRN Electronic Journal, 2017, , .	0.4	4
58	Weak - Convergence: Theory and Applications. SSRN Electronic Journal, 2017, , .	0.4	2
59	Random Coefficient Continuous Systems: Testing for Extreme Sample Path Behaviour. SSRN Electronic Journal, 2017, , .	0.4	2
60	WEAK CONVERGENCE TO STOCHASTIC INTEGRALS FOR ECONOMETRIC APPLICATIONS. Econometric Theory, 2016, 32, 1349-1375.	0.6	12
61	Robust econometric inference with mixed integrated and mildly explosive regressors. Journal of Econometrics, 2016, 192, 433-450.	3.5	32
62	NONPARAMETRIC COINTEGRATING REGRESSION WITH ENDOGENEITY AND LONG MEMORY. Econometric Theory, 2016, 32, 359-401.	0.6	31
63	Identifying Latent Structures in Panel Data. Econometrica, 2016, 84, 2215-2264.	2.6	154
64	UNIFORM CONSISTENCY OF NONSTATIONARY KERNEL-WEIGHTED SAMPLE COVARIANCES FOR NONPARAMETRIC REGRESSION. Econometric Theory, 2016, 32, 655-685.	0.6	21
65	Modeling speculative bubbles with diverse investor expectations. Research in Economics, 2016, 70, 375-387.	0.4	6
66	Asset pricing with financial bubble risk. Journal of Empirical Finance, 2016, 38, 590-622.	0.9	29
67	Hot property in New Zealand: Empirical evidence of housing bubbles in the metropolitan centres. New Zealand Economic Papers, 2016, 50, 88-113.	0.6	69
68	Meritocracy Voting: Measuring the Unmeasurable. Econometric Reviews, 2016, 35, 2-40.	0.5	1
69	AUTOMATED ESTIMATION OF VECTOR ERROR CORRECTION MODELS. Econometric Theory, 2015, 31, 581-646.	0.6	38
70	The true limit distributions of the Anderson–Hsiao IVÂestimators in panel autoregression. Economics Letters, 2015, 127, 89-92.	0.9	5
71	TESTING FOR MULTIPLE BUBBLES: HISTORICAL EPISODES OF EXUBERANCE AND COLLAPSE IN THE S&P 500. International Economic Review, 2015, 56, 1043-1078.	0.6	703
72	Edmond Malinvaud: a tribute to his contributions in econometrics. Econometrics Journal, 2015, 18, A1-A13.	1.2	8

#	Article	lF	CITATIONS
73	TESTING FOR MULTIPLE BUBBLES: LIMIT THEORY OF REALâ€TIME DETECTORS. International Economic Review, 2015, 56, 1079-1134.	0.6	277
74	Hot Property in New Zealand: Empirical Evidence of Housing Bubbles in the Metropolitan Centres. SSRN Electronic Journal, $2015$ , , .	0.4	3
75	Nonparametric predictive regression. Journal of Econometrics, 2015, 185, 468-494.	<b>3.</b> 5	32
76	Limit Theory for VARs with Mixed Roots Near Unity. Econometric Reviews, 2015, 34, 1035-1056.	0.5	13
77	Lag Length Selection for Unit Root Tests in the Presence of Nonstationary Volatility. Econometric Reviews, 2015, 34, 512-536.	0.5	15
78	Halbert White Jr. Memorial JFEC Lecture: Pitfalls and Possibilities in Predictive Regression. Journal of Financial Econometrics, 2015, 13, 521-555.	0.8	41
79	MEMORIAL TO EDMOND MALINVAUD. Econometric Theory, 2015, 31, 423-425.	0.6	2
80	Testing linearity using power transforms of regressors. Journal of Econometrics, 2015, 187, 376-384.	3.5	19
81	Model selection in the presence of incidental parameters. Journal of Econometrics, 2015, 188, 474-489.	3.5	31
82	New methodology for constructing real estate price indices applied to the Singapore residential market. Journal of Banking and Finance, 2015, 61, S121-S131.	1.4	42
83	Financial Bubble Implosion. SSRN Electronic Journal, 2014, , .	0.4	5
84	UNIT ROOTS IN LIFEâ€"A GRADUATE STUDENT STORY. Econometric Theory, 2014, 30, 719-736.	0.6	2
85	Nonlinearity Induced Weak Instrumentation. Econometric Reviews, 2014, 33, 676-712.	0.5	7
86	Testing the Martingale Hypothesis. Journal of Business and Economic Statistics, 2014, 32, 537-554.	1.8	10
87	Specification Sensitivity in Rightâ€Tailed Unit Root Testing for Explosive Behaviour. Oxford Bulletin of Economics and Statistics, 2014, 76, 315-333.	0.9	127
88	NORMING RATES AND LIMIT THEORY FOR SOME TIMEâ€VARYING COEFFICIENT AUTOREGRESSIONS. Journal of Time Series Analysis, 2014, 35, 592-623.	0.7	27
89	Optimal estimation of cointegrated systems with irrelevant instruments. Journal of Econometrics, 2014, 178, 210-224.	3.5	21
90	Point-optimal panel unit root tests with serially correlated errors. Econometrics Journal, 2014, 17, 338-372.	1,2	14

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91	On Confidence Intervals for Autoregressive Roots and Predictive Regression. Econometrica, 2014, 82, 1177-1195.	2.6	73
92	SPECIAL ISSUE OF ECONOMETRIC THEORY ON SETA 2010: EDITORS' INTRODUCTION. Econometric Theory, 2014, 30, 1-2.	0.6	4
93	X-DIFFERENCING AND DYNAMIC PANEL MODEL ESTIMATION. Econometric Theory, 2014, 30, 201-251.	0.6	58
94	Predictive regression under various degrees of persistence and robust long-horizon regression. Journal of Econometrics, 2013, 177, 250-264.	3.5	88
95	First difference maximum likelihood and dynamic panel estimation. Journal of Econometrics, 2013, 175, 35-45.	3.5	29
96	INCONSISTENT VAR REGRESSION WITH COMMON EXPLOSIVE ROOTS. Econometric Theory, 2013, 29, 808-837.	0.6	14
97	Semiparametric estimation in triangular system equations with nonstationarity. Journal of Econometrics, 2013, 176, 59-79.	3.5	43
98	Unit Roots in Life A Graduate Student Story. SSRN Electronic Journal, 2013, , .	0.4	0
99	A specification test for nonlinear nonstationary models. Annals of Statistics, 2012, 40, .	1.4	60
100	THE ET INTERVIEW: A CONVERSATION WITH ERIC GHYSELS. Econometric Theory, 2012, 28, 207-217.	0.6	0
101	NONLINEAR COINTEGRATING REGRESSION UNDER WEAK IDENTIFICATION. Econometric Theory, 2012, 28, 509-547.	0.6	24
102	THE 2009–2011 TJALLING C. KOOPMANS ECONOMETRIC THEORY PRIZE. Econometric Theory, 2012, 28, 933-934.	0.6	0
103	Mean and autocovariance function estimation near the boundary of stationarity. Journal of Econometrics, 2012, 169, 166-178.	3.5	6
104	Cointegrating rank selection in models with time-varying variance. Journal of Econometrics, 2012, 169, 155-165.	3.5	21
105	Optimal estimation under nonstandard conditions. Journal of Econometrics, 2012, 169, 258-265.	3.5	10
106	Specification Sensitivity in Right-Tailed Unit Root Testing for Explosive Behavior. SSRN Electronic Journal, 2012, , .	0.4	7
107	Folklore Theorems, Implicit Maps, and Indirect Inference. Econometrica, 2012, 80, 425-454.	2.6	45
108	Testing for common trends in semiâ€parametric panel data models with fixed effects. Econometrics Journal, 2012, 15, 56-100.	1.2	33

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109	Dynamic misspecification in nonparametric cointegrating regression. Journal of Econometrics, 2012, 168, 270-284.	3.5	19
110	2010 – Exploring the mysteries of trends and bubbles. , 2012, , 599-616.		4
111	Dating the timeline of financial bubbles during the subprime crisis. Quantitative Economics, 2011, 2, 455-491.	0.9	396
112	Infinite Density at the Median and the Typical Shape of Stock Return Distributions. Journal of Business and Economic Statistics, 2011, 29, 282-294.	1.8	5
113	ASYMPTOTIC THEORY FOR ZERO ENERGY FUNCTIONALS WITH NONPARAMETRIC REGRESSION APPLICATIONS. Econometric Theory, 2011, 27, 235-259.	0.6	46
114	UNIFORM ASYMPTOTIC NORMALITY IN STATIONARY AND UNIT ROOT AUTOREGRESSION. Econometric Theory, 2011, 27, 1117-1151.	0.6	21
115	POWER MAXIMIZATION AND SIZE CONTROL IN HETEROSKEDASTICITY AND AUTOCORRELATION ROBUST TESTS WITH EXPONENTIATED KERNELS. Econometric Theory, 2011, 27, 1320-1368.	0.6	12
116	Corrigendum to â€~A Gaussian approach for continuous time models of shortâ€ŧerm interest rates'. Econometrics Journal, 2011, 14, 126-129.	1.2	5
117	Nonâ€parametric regression under location shifts. Econometrics Journal, 2011, 14, 457-486.	1.2	12
118	EXPLOSIVE BEHAVIOR IN THE 1990s NASDAQ: WHEN DID EXUBERANCE ESCALATE ASSET VALUES?*. International Economic Review, 2011, 52, 201-226.	0.6	744
119	Bias in estimating multivariate and univariate diffusions. Journal of Econometrics, 2011, 161, 228-245.	3.5	36
120	Tilted Nonparametric Estimation of Volatility Functions With Empirical Applications. Journal of Business and Economic Statistics, 2011, 29, 518-528.	1.8	36
121	GMM ESTIMATION FOR DYNAMIC PANELS WITH FIXED EFFECTS AND STRONG INSTRUMENTS AT UNITY. Econometric Theory, 2010, 26, 119-151.	0.6	153
122	LAD ASYMPTOTICS UNDER CONDITIONAL HETEROSKEDASTICITY WITH POSSIBLY INFINITE ERROR DENSITIES. Econometric Theory, 2010, 26, 953-962.	0.6	2
123	Two New Zealand pioneer econometricians. New Zealand Economic Papers, 2010, 44, 1-26.	0.6	21
124	Indirect inference for dynamic panel models. Journal of Econometrics, 2010, 157, 68-77.	3.5	96
125	Smoothing local-to-moderate unit root theory. Journal of Econometrics, 2010, 158, 274-279.	3.5	22
126	Bootstrapping I(1) data. Journal of Econometrics, 2010, 158, 280-284.	3.5	7

#	Article	IF	CITATIONS
127	Bimodalâ€,t-ratios: the impact of thick tails on inference. Econometrics Journal, 2010, 13, 271-289.	1.2	13
128	Nonlinear Cointegrating Regression Under Weak Identification. SSRN Electronic Journal, 2010, , .	0.4	0
129	Testing Linearity in Cointegrating Relations With an Application to Purchasing Power Parity. Journal of Business and Economic Statistics, 2010, 28, 96-114.	1.8	34
130	Simulation-Based Estimation of Contingent-Claims Prices. Review of Financial Studies, 2009, 22, 3669-3705.	3.7	30
131	ASYMPTOTIC THEORY FOR LOCAL TIME DENSITY ESTIMATION AND NONPARAMETRIC COINTEGRATING REGRESSION. Econometric Theory, 2009, 25, 710-738.	0.6	194
132	Economic transition and growth. Journal of Applied Econometrics, 2009, 24, 1153-1185.	1.3	516
133	Semiparametric cointegrating rank selection. Econometrics Journal, 2009, 12, S83-S104.	1.2	36
134	A two-stage realized volatility approach to estimation of diffusion processes with discrete data. Journal of Econometrics, 2009, 150, 139-150.	3.5	30
135	Long memory and long run variation. Journal of Econometrics, 2009, 151, 150-158.	3 <b>.</b> 5	8
136	Structural Nonparametric Cointegrating Regression. Econometrica, 2009, 77, 1901-1948.	2.6	178
137	LIMIT THEORY FOR COINTEGRATED SYSTEMS WITH MODERATELY INTEGRATED AND MODERATELY EXPLOSIVE REGRESSORS. Econometric Theory, 2009, 25, 482-526.	0.6	72
138	<i>ECONOMETRIC THEORY</i> √i> MEMORIAL TO ALBERT REX BERGSTROM–INTRODUCTION. Econometric Theory, 2009, 25, 891-900.	0.6	1
139	UNIT ROOT AND COINTEGRATING LIMIT THEORY WHEN INITIALIZATION IS IN THE INFINITE PAST. Econometric Theory, 2009, 25, 1682-1715.	0.6	49
140	ECONOMETRIC THEORY AND PRACTICE. Econometric Theory, 2009, 25, 583-586.	0.6	1
141	EXACT DISTRIBUTION THEORY IN STRUCTURAL ESTIMATION WITH AN IDENTITY. Econometric Theory, 2009, 25, 958-984.	0.6	5
142	LOCAL LIMIT THEORY AND SPURIOUS NONPARAMETRIC REGRESSION. Econometric Theory, 2009, 25, 1466-1497.	0.6	35
143	Adaptive estimation of autoregressive models with time-varying variances. Journal of Econometrics, 2008, 142, 265-280.	3.5	86
144	A complete asymptotic series for the autocovariance function of a long memory process. Journal of Econometrics, 2008, 147, 99-103.	3.5	7

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145	Optimal Bandwidth Selection in Heteroskedasticity–Autocorrelation Robust Testing. Econometrica, 2008, 76, 175-194.	2.6	168
146	Refined Inference on Long Memory in Realized Volatility. Econometric Reviews, 2008, 27, 254-267.	0.5	36
147	GAUSSIAN INFERENCE IN AR(1) TIME SERIES WITH OR WITHOUT A UNIT ROOT. Econometric Theory, 2008, 24, 631-650.	0.6	26
148	LIMIT THEORY FOR EXPLOSIVELY COINTEGRATED SYSTEMS. Econometric Theory, 2008, 24, 865-887.	0.6	25
149	REGRESSION ASYMPTOTICS USING MARTINGALE CONVERGENCE METHODS. Econometric Theory, 2008, 24, 888-947.	0.6	56
150	Unit Root Model Selection. Journal of the Japan Statistical Society, 2008, 38, 65-74.	0.1	16
151	Limit Theory for Moderate Deviations From a Unit Root Under Weak Dependence., 2007,, 123-162.		42
152	REGRESSION WITH SLOWLY VARYING REGRESSORS AND NONLINEAR TRENDS. Econometric Theory, 2007, 23,	0.6	47
153	LONG-RUN COVARIANCE MATRICES FOR FRACTIONALLY INTEGRATED PROCESSES. Econometric Theory, 2007, 23, .	0.6	7
154	Long run variance estimation and robust regression testing using sharp origin kernels with no truncation. Journal of Statistical Planning and Inference, 2007, 137, 985-1023.	0.4	39
155	A simple approach to the parametric estimation of potentially nonstationary diffusions. Journal of Econometrics, 2007, 137, 354-395.	3.5	32
156	Limit theory for moderate deviations from a unit root. Journal of Econometrics, 2007, 136, 115-130.	3.5	308
157	Bias in dynamic panel estimation with fixed effects, incidental trends and cross section dependence. Journal of Econometrics, 2007, 137, 162-188.	3 <b>.</b> 5	185
158	Unit root log periodogram regression. Journal of Econometrics, 2007, 138, 104-124.	3.5	81
159	Incidental trends and the power of panel unit root tests. Journal of Econometrics, 2007, 141, 416-459.	3.5	72
160	Nonstationary discrete choice: A corrigendum and addendum. Journal of Econometrics, 2007, 141, 1115-1130.	3.5	15
161	Transition Modeling and Econometric Convergence Tests. Econometrica, 2007, 75, 1771-1855.	2.6	923
162	Some empirics on economic growth under heterogeneous technology. Journal of Macroeconomics, 2007, 29, 455-469.	0.7	71

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163	A new approach to robust inference in cointegration. Economics Letters, 2006, 91, 300-306.	0.9	10
164	A REMARK ON BIMODALITY AND WEAK INSTRUMENTATION IN STRUCTURAL EQUATION ESTIMATION. Econometric Theory, 2006, 22, .	0.6	23
165	Uniform Limit Theory for Stationary Autoregression. Journal of Time Series Analysis, 2006, 27, 51-60.	0.7	85
166	Inference in Autoregression under Heteroskedasticity. Journal of Time Series Analysis, 2006, 27, 289-308.	0.7	66
167	GMM with Many Moment Conditions. Econometrica, 2006, 74, 147-192.	2.6	124
168	SPECTRAL DENSITY ESTIMATION AND ROBUST HYPOTHESIS TESTING USING STEEP ORIGIN KERNELS WITHOUT TRUNCATION*. International Economic Review, 2006, 47, 837-894.	0.6	62
169	Local Whittle estimation of fractional integration and some of its variants. Journal of Econometrics, 2006, 130, 209-233.	3.5	101
170	Exact local Whittle estimation of fractional integration. Annals of Statistics, 2005, 33, 1890.	1.4	404
171	HAC ESTIMATION BY AUTOMATED REGRESSION. Econometric Theory, 2005, 21, .	0.6	72
172	AUTOMATED DISCOVERY IN ECONOMETRICS. Econometric Theory, 2005, 21, .	0.6	17
173	Challenges of trending time series econometrics. Mathematics and Computers in Simulation, 2005, 68, 401-416.	2.4	44
174	Econometric Analysis of Fisher's Equation. American Journal of Economics and Sociology, 2005, 64, 125-168.	0.5	45
175	Prewhitening Bias in HAC Estimation*. Oxford Bulletin of Economics and Statistics, 2005, 67, 517-546.	0.9	195
176	Expansions for approximate maximum likelihood estimators of the fractional difference parameter. Econometrics Journal, 2005, 8, 367-379.	1.2	4
177	Albert Rex Bergstrom 1925–2005. New Zealand Economic Papers, 2005, 39, 129-152.	0.6	7
178	Jackknifing Bond Option Prices. Review of Financial Studies, 2005, 18, 707-742.	3.7	89
179	Early development of econometric software at the University of Auckland. Journal of Economic and Social Measurement, 2004, 29, 127-133.	0.7	9
180	Local Whittle estimation in nonstationary and unit root cases. Annals of Statistics, 2004, 32, 656.	1.4	170

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181	Nonparametric Estimation of a Multifactor Heath-Jarrow-Morton Model: An Integrated Approach. Journal of Financial Econometrics, 2004, 2, 251-289.	0.8	20
182	Error bounds and asymptotic expansions for toeplitz product functionals of unbounded spectra. Journal of Time Series Analysis, 2004, 25, 733-753.	0.7	14
183	GMM Estimation of Autoregressive Roots Near Unity with Panel Data. Econometrica, 2004, 72, 467-522.	2.6	43
184	Nonlinear instrumental variable estimation of an autoregression. Journal of Econometrics, 2004, 118, 219-246.	<b>3.</b> 5	38
185	Nonstationary discrete choice. Journal of Econometrics, 2004, 120, 103-138.	3 <b>.</b> 5	34
186	Dynamics of the federal funds target rate: a nonstationary discrete choice approach. Journal of Applied Econometrics, 2004, 19, 851-867.	1.3	71
187	Understanding the Fisher equation. Journal of Applied Econometrics, 2004, 19, 869-886.	1.3	69
188	EXPANSIONS FOR THE DISTRIBUTION OF THE MAXIMUM LIKELIHOOD ESTIMATOR OF THE FRACTIONAL DIFFERENCE PARAMETER. Econometric Theory, 2004, 20, .	0.6	12
189	An Introduction to Best Empirical Models when the Parameter Space is Infinite Dimensional*. Oxford Bulletin of Economics and Statistics, 2003, 65, 877-890.	0.9	3
190	Nonlinear log-periodogram regression for perturbed fractional processes. Journal of Econometrics, 2003, 115, 355-389.	<b>3.</b> 5	63
191	Dynamic panel estimation and homogeneity testing under cross section dependence. Econometrics Journal, 2003, 6, 217-259.	1.2	814
192	Fully Nonparametric Estimation of Scalar Diffusion Models. Econometrica, 2003, 71, 241-283.	2.6	247
193	Empirical Limits for Time Series Econometric Models. Econometrica, 2003, 71, 627-673.	2.6	38
194	Laws and Limits of Econometrics. Economic Journal, 2003, 113, C26-C52.	1.9	49
195	The 2002 Econometric Theory Awards. Econometric Theory, 2002, 18, 195-195.	0.6	0
196	The KPSS test with seasonal dummies. Economics Letters, 2002, 77, 239-243.	0.9	12
197	New unit root asymptotics in the presence of deterministic trends. Journal of Econometrics, 2002, 111, 323-353.	<b>3.</b> 5	13
198	A CUSUM test for cointegration using regression residuals. Journal of Econometrics, 2002, 108, 43-61.	3 <b>.</b> 5	71

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199	Higher order approximations for Wald statistics in time series regressions with integrated processes. Journal of Econometrics, 2002, 108, 157-198.	3 <b>.</b> 5	21
200	Jeffreys prior analysis of the simultaneous equations model in the case with $n+1$ endogenous variables. Journal of Econometrics, 2002, $111$ , $251-283$ .	<b>3.</b> 5	16
201	Pooled Log Periodogram Regression. Journal of Time Series Analysis, 2002, 23, 57-93.	0.7	41
202	Band Spectral Regression with Trending Data. Econometrica, 2002, 70, 1067-1109.	2.6	79
203	ECONOMETRIC SOCIETY INTENSIVE WORKSHOP FOR YOUNG SCHOLARS. Econometric Theory, 2001, 17, 1161-1163.	0.6	0
204	HOW TO ESTIMATE AUTOREGRESSIVE ROOTS NEAR UNITY. Econometric Theory, 2001, 17, 29-69.	0.6	39
205	Trending time series and macroeconomic activity: Some present and future challenges. Journal of Econometrics, 2001, 100, 21-27.	3.5	67
206	Descriptive econometrics for non-stationary time series with empirical illustrations. Journal of Applied Econometrics, 2001, 16, 389-413.	1.3	37
207	Rethinking an old empirical puzzle: econometric evidence on the forward discount anomaly. Journal of Applied Econometrics, 2001, 16, 671-708.	1.3	159
208	Nonlinear econometric models with cointegrated and deterministically trending regressors. Econometrics Journal, 2001, 4, 1-36.	1.2	110
209	A Gaussian approach for continuous time models of the short-term interest rate. Econometrics Journal, 2001, 4, 210-224.	1.2	46
210	Structural Change Tests in Tail Behaviour and the Asian Crisis. Review of Economic Studies, 2001, 68, 633-663.	2.9	114
211	Nonlinear Regressions with Integrated Time Series. Econometrica, 2001, 69, 117-161.	2.6	335
212	Forecasting New Zealand's real GDP. New Zealand Economic Papers, 2000, 34, 159-181.	0.6	6
213	MEETING OF THE NEW ZEALAND ECONOMETRIC STUDY GROUP (NZESG). Econometric Theory, 2000, 16, 283-285.	0.6	0
214	ESTIMATION OF AUTOREGRESSIVE ROOTS NEAR UNITY USING PANEL DATA. Econometric Theory, 2000, 16, 927-997.	0.6	76
215	Nonstationary Binary Choice. Econometrica, 2000, 68, 1249-1280.	2.6	122
216	Nonstationary panel data analysis: an overview of some recent developments. Econometric Reviews, 2000, 19, 263-286.	0.5	275

#	Article	IF	CITATIONS
217	Model selection in partially nonstationary vector autoregressive processes with reduced rank structure. Journal of Econometrics, 1999, 91, 227-271.	3.5	81
218	Linear Regression Limit Theory for Nonstationary Panel Data. Econometrica, 1999, 67, 1057-1111.	2.6	1,007
219	ASYMPTOTICS FOR NONLINEAR TRANSFORMATIONS OF INTEGRATED TIME SERIES. Econometric Theory, 1999, 15, .	0.6	198
220	EFFICIENT DETRENDING IN COINTEGRATING REGRESSION. Econometric Theory, 1999, 15, 519-548.	0.6	19
221	An ADF coefficient test for a unit root in ARMA models of unknown order with empirical applications to the US economy. Econometrics Journal, 1998, 1, 27-43.	1.2	36
222	A Primer on Unit Root Testing. Journal of Economic Surveys, 1998, 12, 423-470.	3.7	170
223	Impulse response and forecast error variance asymptotics in nonstationary VARs. Journal of Econometrics, 1998, 83, 21-56.	3.5	224
224	Higher-order approximations for frequency domain time series regression. Journal of Econometrics, 1998, 86, 297-336.	3.5	32
225	New Tools for Understanding Spurious Regressions. Econometrica, 1998, 66, 1299.	2.6	127
226	EDITOR'S TRIBUTE. Econometric Theory, 1998, 14, 293-294.	0.6	0
227	THE TJALLING C. KOOPMANS ECONOMETRIC THEORY PRIZE: 1994–1996. Econometric Theory, 1998, 14, 699-699.	0.6	4
228	The Econometric Theory Awards. Econometric Theory, 1997, 13, 145-147.	0.6	0
229	New Heraldry for ET. Econometric Theory, 1997, 13, 769-769.	0.6	0
230	Forward exchange market unbiasedness: the case of the Australian dollar since 1984. Journal of International Money and Finance, 1997, 16, 885-907.	1.3	39
231	Fully modified IV, GIVE and GMM estimation with possibly non-stationary regressors and instruments. Journal of Econometrics, 1997, 80, 85-123.	3.5	47
232	An Asymtotic Theory of Bayesian Inference for Time Series. Econometrica, 1996, 64, 381.	2.6	105
233	Econometric Model Determination. Econometrica, 1996, 64, 763.	2.6	147
234	Robust tests of forward exchange market efficiency with empirical evidence from the 1920s. Journal of Applied Econometrics, 1996, 11, 1-22.	1.3	65

#	Article	IF	Citations
235	Reduced Rank Regression Asymptotics in Multivariate Regression – Solution. Econometric Theory, 1995, 11, 661-666.	0.6	О
236	Nonlinear Testing and Forecasting Asymptotics with Potential Rank Failure. Econometric Theory, 1995, 11, 666-668.	0.6	0
237	Trending Multiple Time Series: Editor's Introduction. Econometric Theory, 1995, 11, 811-817.	0.6	0
238	Robust Nonstationary Regression. Econometric Theory, 1995, 11, 912-951.	0.6	41
239	Time Series Regression with Mixtures of Integrated Processes. Econometric Theory, 1995, 11, 1033-1094.	0.6	16
240	Efficient IV Estimation in Nonstationary Regression. Econometric Theory, 1995, 11, 1095-1130.	0.6	14
241	Spurious Regression in Forecast-Encompassing Tests. Econometric Theory, 1995, 11, 1188-1190.	0.6	2
242	Bayesian model selection and prediction with empirical applications. Journal of Econometrics, 1995, 69, 289-331.	3.5	36
243	Bayesian prediction a response. Journal of Econometrics, 1995, 69, 351-365.	3.5	4
244	RECESSION HEADLINE NEWS, CONSUMER SENTIMENT, THE STATE OF THE ECONOMY AND PRESIDENTIAL POPULARITY: A TIME SERIES ANALYSIS 1989–1993. International Journal of Public Opinion Research, 1995, 7, 2-22.	0.7	95
245	Fully Modified Least Squares and Vector Autoregression. Econometrica, 1995, 63, 1023.	2.6	367
246	Some Exact Distribution Theory for Maximum Likelihood Estimators of Cointegrating Coefficients in Error Correction Models. Econometrica, 1994, 62, 73.	2.6	110
247	A reexamination of the consumption function using frequency domain regressions. Empirical Economics, 1994, 19, 595-609.	1.5	16
248	REFLECTIONS ON THE DAY. Journal of Economic Surveys, 1994, 8, 311-316.	3.7	4
249	Vector autoregression and causality: a theoretical overview and simulation study. Econometric Reviews, 1994, 13, 259-285.	0.5	300
250	Testing the covariance stationarity of heavy-tailed time series: An overview of the theory with applications to several financial datasets. Journal of Empirical Finance, 1994, 1, 211-248.	0.9	465
251	Bayes Methods and Unit Roots. Econometric Theory, 1994, 10, 453-460.	0.6	1
252	Posterior Odds Testing for a Unit Root with Data-Based Model Selection. Econometric Theory, 1994, 10, 774-808.	0.6	107

#	Article	IF	CITATIONS
253	Spurious Regression in Forecast-Encompassing Tests. Econometric Theory, 1994, 10, 818-819.	0.6	1
254	Some Exponential Martingales. Econometric Theory, 1994, 10, 819-819.	0.6	O
255	Unit Root Testing with Intermittent Data. Econometric Theory, 1994, 10, 817-818.	0.6	O
256	Spurious Regression and Generalized Least Squares. Econometric Theory, 1994, 10, 967-968.	0.6	3
257	Testing for a unit root by frequency domain regression. Journal of Econometrics, 1993, 59, 263-286.	3.5	21
258	Parameter constancy in cointegrating regressions. Empirical Economics, 1993, 18, 675-706.	1.5	61
259	The spurious effect of unit roots on vector autoregressions. Journal of Econometrics, 1993, 59, 229-255.	3.5	63
260	Vector Autoregressions and Causality. Econometrica, 1993, 61, 1367.	2.6	658
261	Comment on "modeling asset returns with alternative stable distributions― Econometric Reviews, 1993, 12, 331-338.	0.5	4
262	Efficiency of Maximum Likelihood. Econometric Theory, 1993, 9, 534-536.	0.6	0
263	Limit Theory in Cointegrated Vector Autoregressions. Econometric Theory, 1993, 9, 150-153.	0.6	6
264	Nonlinear Testing and Forecasting Asympotics with Potential Rank Failure. Econometric Theory, 1993, 9, 689-690.	0.6	0
265	Asymptotics for Linear Processes. Annals of Statistics, 1992, 20, 971.	1.4	680
266	Geometry of the Equivalence of OLS and GLS in the Linear Model. Econometric Theory, 1992, 8, 158-159.	0.6	1
267	Partitioned Regression with Rank-Deficient Regressions. Econometric Theory, 1992, 8, 307-309.	0.6	2
268	Generalized Inverses of Partitioned Matrices. Econometric Theory, 1992, 8, 426-427.	0.6	2
269	Efficiency of Maximum Likelihood. Econometric Theory, 1992, 8, 427-427.	0.6	0
270	Continuous Time Econometric Modelling Economica, 1992, 59, 373.	0.9	30

#	Article	IF	CITATIONS
271	Asymptotic and finite sample distribution theory for IV estimators and tests in partially identified structural equations. Journal of Econometrics, 1992, 51, 113-150.	3.5	82
272	Testing the null hypothesis of stationarity against the alternative of a unit root. Journal of Econometrics, 1992, 54, 159-178.	<b>3.</b> 5	8,906
273	LM TESTS FOR A UNIT ROOT IN THE PRESENCE OF DETERMINISTIC TRENDS*. Oxford Bulletin of Economics and Statistics, 1992, 54, 257-287.	0.9	596
274	Estimation and Testing in Linear Models with Singular Covariance Matrices. Econometric Theory, 1991, 7, 153-162.	0.6	0
275	Optimal Structural Estimation of Triangular Systems: II. The Nonstationary Case. Econometric Theory, 1991, 7, 549-558.	0.6	0
276	The Durbin-Watson ratio under infinite-variance errors. Journal of Econometrics, 1991, 47, 85-114.	3.5	22
277	Estimating Long-Run Economic Equilibria. Review of Economic Studies, 1991, 58, 407.	2.9	645
278	The Tjalling C. Koopmans Econometric Theory Prize. Econometric Theory, 1990, 6, i-i.	0.6	0
279	The Geometry of the Equivalence of OLS and GLS in the Linear Model. Econometric Theory, 1990, 6, 489-490.	0.6	0
280	Optimal Structural Estimation of Triangular Systems: II. The Non-stationary Case. Econometric Theory, 1990, 6, 407-408.	0.6	0
281	Statistical Inference in Instrumental Variables Regression with I(1) Processes. Review of Economic Studies, 1990, 57, 99.	2.9	3,098
282	Statistical Inference in Regressions with Integrated Processes: Part 2. Econometric Theory, 1989, 5, 95-131.	0.6	402
283	Estimation and Testing in Linear Models with Singular Covariance Matrices. Econometric Theory, 1989, 5, 455-455.	0.6	0
284	Conditional and unconditional statistical independence. Journal of Econometrics, 1988, 38, 341-348.	3.5	11
285	Trends versus Random Walks in Time Series Analysis. Econometrica, 1988, 56, 1333.	2.6	199
286	Testing for a unit root in time series regression. Biometrika, 1988, 75, 335-346.	1.3	12,419
287	The ET Interview: Professor James Durbin. Econometric Theory, 1988, 4, 125-157.	0.6	26
288	The Et Interview: Professor Albert Rex Bergstrom. Econometric Theory, 1988, 4, 301-327.	0.6	12

#	Article	IF	CITATIONS
289	Statistical Inference in Regressions with Integrated Processes: Part 1. Econometric Theory, 1988, 4, 468-497.	0.6	533
290	Best Median-Unbiased Estimation in Linear Regression with Bounded Asymmetric Loss Functions. Journal of the American Statistical Association, 1987, 82, 886-893.	1.8	13
291	The Distribution of LIML in the Leading Case – Solution. Econometric Theory, 1987, 3, 469-470.	0.6	0
292	Does GNP have a unit root?. Economics Letters, 1987, 23, 139-145.	0.9	101
293	Fractional Matrix Calculus and the Distribution of Multivariate Tests. , 1987, , 219-234.		7
294	Proffessor T.W. Anderson. Econometric Theory, 1986, 2, 249-288.	0.6	28
295	An Integral Over a Matrix Space. Econometric Theory, 1986, 2, 446-447.	0.6	0
296	A simplified proof of a theorem on the difference of the moore–penrose inverses of two positive semi–difinte matrices. Communications in Statistics - Theory and Methods, 1986, 15, 2973-2975.	0.6	3
297	Professor J. D. Sargan. Econometric Theory, 1985, 1, 119-139.	0.6	36
298	The Exact Distribution of LIML: I. International Economic Review, 1984, 25, 249.	0.6	43
299	On the behavior of inconsistent instrumental variable estimators. Journal of Econometrics, 1982, 19, 183-201.	3.5	97
300	The sampling distribution of forecasts from a first-order autoregression. Journal of Econometrics, 1979, 9, 241-261.	3.5	80
301	An approximation to the finite sample distribution of Zellner's seemingly unrelated regression estimator. Journal of Econometrics, 1977, 6, 147-164.	3.5	39
302	On Confidence Intervals for Autoregressive Roots and Predictive Regression. SSRN Electronic Journal, 0, , .	0.4	7
303	Norming Rates and Limit Theory for Some Time-Varying Coefficient Autoregressions. SSRN Electronic Journal, 0, , .	0.4	0
304	Estimating Smooth Structural Change in Cointegration Models. SSRN Electronic Journal, 0, , .	0.4	4
305	Testing for Multiple Bubbles: Historical Episodes of Exuberance and Collapse in the S&P 500. SSRN Electronic Journal, 0, , .	0.4	46
306	Functional Coefficient Nonstationary Regression. SSRN Electronic Journal, 0, , .	0.4	8

#	Article	IF	CITATIONS
307	A New Hedonic Regression for Real Estate Prices Applied to the Singapore Residential Market. SSRN Electronic Journal, 0, , .	0.4	6
308	Edmond Malinvaud: A Tribute to His Contributions in Econometrics. SSRN Electronic Journal, 0, , .	0.4	0
309	Business Cycles, Trend Elimination, and the HP Filter. SSRN Electronic Journal, 0, , .	0.4	32
310	IV and GMM Estimation and Testing of Multivariate Stochastic Unit Root Models. SSRN Electronic Journal, 0, , .	0.4	2
311	Sequentially Testing Polynomial Model Hypotheses Using Power Transforms of Regressors. SSRN Electronic Journal, 0, , .	0.4	2
312	Real Time Monitoring of Asset Markets: Bubbles and Crises. SSRN Electronic Journal, 0, , .	0.4	9
313	Causal Change Detection in Possibly Integrated Systems: Revisiting the Money-Income Relationship. SSRN Electronic Journal, 0, , .	0.4	3
314	Bootstrap Inference for Quantile Treatment Effects in Randomized Experiments with Matched Pairs. Review of Economics and Statistics, 0, , 1-47.	2.3	2
315	CONTINUOUSLY UPDATED INDIRECT INFERENCE IN HETEROSKEDASTIC SPATIAL MODELS. Econometric Theory, 0, , 1-39.	0.6	1
316	OPTIMAL BANDWIDTH SELECTION IN NONLINEAR COINTEGRATING REGRESSION. Econometric Theory, 0, , $1-13$ .	0.6	1
317	X-Differencing and Dynamic Panel Model Estimation. SSRN Electronic Journal, 0, , .	0.4	11
318	Uniform Asymptotic Normality in Stationary and Unit Root Autoregression. SSRN Electronic Journal, 0, , .	0.4	6
319	Power Maximization and Size Control in Heteroskedasticity and Autocorrelation Robust Tests with Exponentiated Kernels. SSRN Electronic Journal, 0, , .	0.4	1
320	Folklore Theorems, Implicit Maps and New Unit Root Limit Theory. SSRN Electronic Journal, 0, , .	0.4	3
321	Lag Length Selection for Unit Root Tests in the Presence of Nonstationary Volatility. SSRN Electronic Journal, O, , .	0.4	2
322	Automated Estimation of Vector Error Correction Models. SSRN Electronic Journal, 0, , .	0.4	7
323	Testing Linearity Using Power Transforms of Regressors. SSRN Electronic Journal, 0, , .	0.4	1
324	Model Selection in the Presence of Incidental Parameters. SSRN Electronic Journal, 0, , .	0.4	4

#	Article	IF	CITATIONS
325	Dynamic Panel GMM with Near Unity. SSRN Electronic Journal, 0, , .	0.4	4
326	True Limit Distributions of the Anderson-Hsiao Iv Estimators in Panel Autoregression. SSRN Electronic Journal, $0, \dots$	0.4	3
327	Restricted Likelihood Ratio Tests in Predictive Regression. SSRN Electronic Journal, 0, , .	0.4	2
328	Pitfalls and Possibilities in Predictive Regression. SSRN Electronic Journal, 0, , .	0.4	3
329	Causal Change Detection in Possibly Integrated Systems: Revisiting the Money-Income Relationship. SSRN Electronic Journal, 0, , .	0.4	6
330	Uniform Inference in Panel Autoregression. SSRN Electronic Journal, 0, , .	0.4	2
331	Detecting Financial Collapse and Ballooning Sovereign Risk. SSRN Electronic Journal, 0, , .	0.4	5
332	Dynamic Panel Modeling of Climate Change. SSRN Electronic Journal, 0, , .	0.4	1
333	Boosting the Hodrick-Prescott Filter. SSRN Electronic Journal, 0, , .	0.4	7
334	Common Bubble Detection in Large Dimensional Financial Systems. SSRN Electronic Journal, 0, , .	0.4	5
335	Diagnosing Housing Fever with an Econometric Thermometer. SSRN Electronic Journal, 0, , .	0.4	2
336	Incidental Trends and the Power of Panel Unit Root Tests. SSRN Electronic Journal, 0, , .	0.4	8
337	Best Median-Unbiased Estimation in Linear Regression with Bounded Asymmetric Loss Functions. , 0, .		6
338	LAD Asymptotics Under Conditional Heteroskedasticity with Possibly Infinite Error Densities. SSRN Electronic Journal, 0, , .	0.4	0
339	Inconsistent VAR Regression with Common Explosive Roots. SSRN Electronic Journal, 0, , .	0.4	1
340	Specification Sensitivities in Right-Tailed Unit Root Testing for Financial Bubbles. SSRN Electronic Journal, 0, , .	0.4	0
341	VARs with Mixed Roots Near Unity. SSRN Electronic Journal, 0, , .	0.4	0
342	Inference in Near Singular Regression. SSRN Electronic Journal, 0, , .	0.4	1

#	Article	IF	CITATIONS
343	Tribute to T. W. Anderson. SSRN Electronic Journal, 0, , .	0.4	O
344	Kernel-Based Inference in Time-Varying Coefficient Cointegrating Regression. SSRN Electronic Journal, $0,  ,  .$	0.4	0
345	Latent Variable Nonparametric Cointegrating Regression. SSRN Electronic Journal, 0, , .	0.4	0
346	Boundary Limit Theory for Functional Local to Unity Regression. SSRN Electronic Journal, 0, , .	0.4	0
347	Kernel-Based Inference in Time-Varying Coefficient Cointegrating Regression. SSRN Electronic Journal, 0, , .	0.4	1
348	Understanding Temporal Aggregation Effects on Kurtosis in Financial Indices. SSRN Electronic Journal, $0,  ,  .$	0.4	0
349	LIMIT THEORY FOR LOCALLY FLAT FUNCTIONAL COEFFICIENT REGRESSION. Econometric Theory, 0, , 1-50.	0.6	2