Andre Lucas

List of Publications by Citations

165 papers	4,044 citations	32 h-index	60 g-index
206 ext. papers	5,398 ext. citations	1.8 avg, IF	5.96 L-index

#	Paper	IF	Citations
165	Time Series Analysis by State Space Methods **2012**,		615
164	GENERALIZED AUTOREGRESSIVE SCORE MODELS WITH APPLICATIONS. *Journal of Applied Econometrics*, **2013**, 28, 777-795	2.2	404
163	Statistical algorithms for models in state space using SsfPack 2.2. *Econometrics Journal*, **1999**, 2, 107-160	2.4	222
162	A Dynamic Multivariate Heavy-Tailed Model for Time-Varying Volatilities and Correlations. *Journal of Business and Economic Statistics*, **2011**, 29, 552-563	3.8	149
161	Blockholder dispersion and firm value. *Journal of Corporate Finance*, **2011**, 17, 1330-1339	3.7	97
160	Conditional Euro Area Sovereign Default Risk. *Journal of Business and Economic Statistics*, **2014**, 32, 271-284	3.8	94
159	Business and default cycles for credit risk. *Journal of Applied Econometrics*, **2005**, 20, 311-323	2.2	88
158	Robustness of the student t based M-estimator. *Communications in Statistics - Theory and Methods*, **1997**, 26, 1165-1182	0.5	77
157	Testing for ARCH in the presence of additive outliers. *Journal of Applied Econometrics*, **1999**, 14, 539-562	2.2	74
156	An analytic approach to credit risk of large corporate bond and loan portfolios. *Journal of Banking and Finance*, **2001**, 25, 1635-1664	2.6	71
155	The multi-state latent factor intensity model for credit rating transitions. *Journal of Econometrics*, **2008**, 142, 399-424	2.6	66
154	Information-theoretic optimality of observation-driven time series models for continuous responses. *Biometrika*, **2015**, 102, 325-343	2	65
153	Unit Root Tests Based on M Estimators. *Econometric Theory*, **1995**, 11, 331-346	1.1	65
152	Modeling frailty-correlated defaults using many macroeconomic covariates. *Journal of Econometrics* , **2011**, 162, 312-325	2.6	64
151	Breakdown and groups. *Annals of Statistics*, **2005**, 33, 977	3.2	64
150	Extreme Returns, Downside Risk, and Optimal Asset Allocation. *Journal of Portfolio Management*, **1998**, 25, 71-79	1.6	61
149	Modeling Around-the-Clock Price Discovery for Cross-Listed Stocks Using State Space Methods. *Journal of Business and Economic Statistics*, **2007**, 25, 213-225	3.8	58

148	Observation-Driven Mixed-Measurement Dynamic Factor Models with an Application to Credit Risk. *Review of Economics and Statistics*, **2014**, 96, 898-915	3.7	57
147	Comprehensive definitions of breakdown points for independent and dependent observations. *Journal of the Royal Statistical Society Series B: Statistical Methodology*, **2003**, 65, 81-94	3.9	57
146	Credit cycles and macro fundamentals. *Journal of Empirical Finance*, **2009**, 16, 42-54	2.7	54
145	Spillover dynamics for systemic risk measurement using spatial financial time series models. *Journal of Econometrics*, **2016**, 195, 211-223	2.6	52
144	Predicting Time-Varying Parameters with Parameter-Driven and Observation-Driven Models. *Review of Economics and Statistics*, **2016**, 98, 97-110	3.7	49
143	Testing for Smooth Transition Nonlinearity in the Presence of Outliers. *Journal of Business and Economic Statistics*, **1999**, 17, 217	3.8	47
142	An outlier robust unit root test with an application to the extended Nelson-Plosser data. *Journal of Econometrics*, **1995**, 66, 153-173	2.6	47
141	Testing the assumptions behind importance sampling. *Journal of Econometrics*, **2009**, 149, 2-11	2.6	45
140	SETS, arbitrage activity, and stock price dynamics. *Journal of Banking and Finance*, **2000**, 24, 1289-1306	2.6	42
139	Monte Carlo Estimation for Nonlinear Non-Gaussian State Space Models. *Biometrika*, **2007**, 94, 827-839	2	41
138	Measuring financial cycles in a model-based analysis: Empirical evidence for the United States and the euro area. *Economics Letters*, **2016**, 145, 83-87	1.3	39
137	Empirical credit cycles and capital buffer formation. *Journal of Banking and Finance*, **2005**, 29, 3159-3179	2.6	36
136	Testing for Smooth Transition Nonlinearity in the Presence of Outliers. *Journal of Business and Economic Statistics*, **1999**, 17, 217-235	3.8	34
135	Maximum Likelihood Estimation for Generalized Autoregressive Score Models. *SSRN Electronic Journal*, **2014**,	1	33
134	Stock selection, style rotation, and risk. *Journal of Empirical Finance*, **2002**, 9, 1-34	2.7	33
133	Dynamic Factor Models With Macro, Frailty, and Industry Effects for U.S. Default Counts: The Credit Crisis of 2008. *Journal of Business and Economic Statistics*, **2012**, 30, 521-532	3.8	31
132	The information in systemic risk rankings. *Journal of Empirical Finance*, **2016**, 38, 461-475	2.7	29
131	Cointegration Testing Using Pseudolikelihood Ratio Tests. *Econometric Theory*, **1997**, 13, 149-169	1.1	29

130	A General Framework for Observation Driven Time-Varying Parameter Models. *SSRN Electronic Journal*, **2008**,	1	27
129	Do negative interest rates make banks less safe?. *Economics Letters*, **2017**, 159, 112-115	1.3	26
128	Time-Varying Transition Probabilities for Markov Regime Switching Models. *Journal of Time Series Analysis*, **2017**, 38, 458-478	0.8	26
127	New HEAVY Models for Fat-Tailed Realized Covariances and Returns. *Journal of Business and Economic Statistics*, **2018**, 36, 643-657	3.8	25
126	Long memory dynamics for multivariate dependence under heavy tails. *Journal of Empirical Finance*, **2014**, 29, 187-206	2.7	25
125	Modeling Financial Sector Joint Tail Risk in the Euro Area. *Journal of Applied Econometrics*, **2017**, 32, 171-191	2.2	23
124	A Non-Gaussian Panel Time Series Model for Estimating and Decomposing Default Risk. *Journal of Business and Economic Statistics*, **2008**, 26, 510-525	3.8	23
123	Outlier Detection in Cointegration Analysis. *Journal of Business and Economic Statistics*, **1998**, 16, 459-468	3.8	23
122	Classical and Bayesian aspects of robust unit root inference. *Journal of Econometrics*, **1995**, 69, 27-59	2.6	23
121	Cash Flow and Discount Rate Risk in Up and Down Markets: What Is Actually Priced?. *Journal of Financial and Quantitative Analysis*, **2012**, 47, 1279-1301	2.7	21
120	Outlier robust analysis of long-run marketing effects for weekly scanning data. *Journal of Econometrics*, **1998**, 89, 293-315	2.6	21
119	Stationarity and ergodicity of univariate generalized autoregressive score processes. *Electronic Journal of Statistics*, **2014**, 8,	1.2	20
118	Unobserved components models in economics and finance. *IEEE Control Systems*, **2009**, 29, 71-81	2.9	20
117	Modelling Portfolio Defaults Using Hidden Markov Models with Covariates. *Econometrics Journal*, **2008**, 11, 155-171	2.4	20
116	Bank Business Models at Zero Interest Rates. *Journal of Business and Economic Statistics*, **2019**, 37, 542-555	3.8	20
115	Numerically Accelerated Importance Sampling for Nonlinear Non-Gaussian State-Space Models. *Journal of Business and Economic Statistics*, **2015**, 33, 114-127	3.8	19
114	Evaluating the Basle Guidelines for Backtesting Banks' Internal Risk Management Models. *Journal of Money, Credit and Banking*, **2001**, 33, 826	1.3	19
113	A note on the relationship between GARCH and symmetric stable processes. *Journal of Empirical Finance*, **1995**, 2, 253-264	2.7	19

112	Intraday Stochastic Volatility in Discrete Price Changes: The Dynamic Skellam Model. *Journal of the American Statistical Association*, **2017**, 112, 1490-1503	2.8	18
111	Global Credit Risk: World, Country and Industry Factors. *Journal of Applied Econometrics*, **2017**, 32, 296-317	2.2	17
110	Network, market, and book-based systemic risk rankings. *Journal of Banking and Finance*, **2017**, 78, 84-90	2.6	17
109	In-sample confidence bands and out-of-sample forecast bands for time-varying parameters in observation-driven models. *International Journal of Forecasting*, **2016**, 32, 875-887	5.3	17
108	Inference on cointegrating ranks using lr and lm tests based on pseudo-likelihoods. *Econometric Reviews*, **1998**, 17, 185-214	1.1	17
107	Forecasting football match results in national league competitions using score-driven time series models. *International Journal of Forecasting*, **2019**, 35, 797-809	5.3	16
106	Score-driven exponentially weighted moving averages and Value-at-Risk forecasting. *International Journal of Forecasting*, **2016**, 32, 293-302	5.3	16
105	Short patches of outliers, ARCH and volatility modelling. *Applied Financial Economics*, **2004**, 14, 221-231		16
104	Regime Switches in Volatility and Correlation of Financial Institutions. *SSRN Electronic Journal*,	1	15
103	Discrete versus continuous state switching models for portfolio credit risk. *Journal of Banking and Finance*, **2006**, 30, 23-35	2.6	14
102	Discrete-Time Financial Planning Models Under Loss-Averse Preferences. *Operations Research*, **2005** , 53, 403-414	2.3	14
101	Dynamic discrete copula models for high-frequency stock price changes. *Journal of Applied Econometrics*, **2018**, 33, 966-985	2.2	13
100	A Note on Optimal Estimation From a Risk-Management Perspective Under Possibly Misspecified Tail Behavior. *Journal of Business and Economic Statistics*, **2000**, 18, 31-39	3.8	12
99	Washington meets Wall Street: A closer examination of the presidential cycle puzzle. *Journal of International Money and Finance*, **2014**, 43, 50-69	2.2	11
98	Tail behaviour of credit loss distributions for general latent factor models. *Applied Mathematical Finance*, **2003**, 10, 337-357	0.9	11
97	Regime Switches in the Volatility and Correlation of Financial Institutions. *SSRN Electronic Journal*,	1	11
96	The Multi-State Latent Factor Intensity Model for Credit Rating Transitions. *SSRN Electronic Journal*, **2005**,	1	10
95	Predicting Time-Varying Parameters with Parameter-Driven and Observation-Driven Models. *SSRN Electronic Journal*, **2012**,	1	8

94	Explaining Hedge Fund Investment Styles by Loss Aversion: A Rational Alternative. *SSRN Electronic Journal*, **2002**,	1	8
93	Quantiles for t-statistics based on M-estimators of unit roots. *Economics Letters*, **2000**, 67, 131-137	1.3	8
92	Outlier Detection in Cointegration Analysis. *Journal of Business and Economic Statistics*, **1998**, 16, 459	3.8	8
91	Systemic Risk Diagnostics: Coincident Indicators and Early Warning Signals. *SSRN Electronic Journal*,	1	8
90	Intervention time series analysis of crime rates: The case of sentence reform in Virginia. *Economic Modelling*, **2016**, 57, 311-323	3.4	7
89	Optimal Formulations for Nonlinear Autoregressive Processes. *SSRN Electronic Journal*, **2014**,	1	7
88	Asymptotic robustness of least median of squares for autoregressions with additive outliers. *Communications in Statistics - Theory and Methods*, **1997**, 26, 2363-2380	0.5	7
87	Outlier Robust GMM Estimation Of Leverage Determinants. *SSRN Electronic Journal*, **1997**,	1	7
86	Modeling Dynamic Volatilities and Correlations Under Skewness and Fat Tails. *SSRN Electronic Journal*,	1	7
85	Global loss diversification in the insurance sector. *Insurance: Mathematics and Economics*, **2009**, 44, 415-425	1.5	6
84	A Non-Gaussian Panel Time Series Model for Estimating and Decomposing Default Risk. *SSRN Electronic Journal*, **2003**,	1	6
83	Semi-nonparametric cointegration testing. *Journal of Econometrics*, **2002**, 108, 253-280	2.6	6
82	A Note on Optimal Estimation from a Risk-Management Perspective under Possibly Misspecified Tail Behavior. *Journal of Business and Economic Statistics*, **2000**, 18, 31	3.8	6
81	Nonlinear autoregressive models with optimality properties. *Econometric Reviews*, **2020**, 39, 559-578	1.1	5
80	Nowcasting and forecasting global financial sector stress and credit market dislocation. *International Journal of Forecasting*, **2014**, 30, 741-758	5.3	5
79	Time Varying Transition Probabilities for Markov Regime Switching Models. *SSRN Electronic Journal*, **2014**,	1	5
78	Information Theoretic Optimality of Observation Driven Time Series Models. *SSRN Electronic Journal*, **2014**,	1	5
77	Measuring Credit Risk in a Large Banking System: Econometric Modeling and Empirics. *SSRN Electronic Journal*, **2013**,	1	5

76	Observation Driven Mixed-Measurement Dynamic Factor Models with an Application to Credit Risk. *SSRN Electronic Journal*, **2011**,	1	5
75	The Effect of Shortfall as a Risk Measure for Portfolios with Hedge Funds. *Journal of Business Finance and Accounting*, **2008**, 35, 200-226	2.1	5
74	Estimating systematic continuous-time trends in recidivism using a non-Gaussian panel data model. *Statistica Neerlandica*, **2008**, 62, 104-130	0.9	5
73	Round-the-Clock Price Discovery for Cross-Listed Stocks: U.S.-Dutch Evidence. *SSRN Electronic Journal*, **2003**,	1	5
72	Business and Default Cycles for Credit Risk. *SSRN Electronic Journal*, **2003**,	1	5
71	A comparison of minimum MSE and maximum power for the nearly integrated non-Gaussian model. *Journal of Econometrics*, **2004**, 119, 45-71	2.6	5
70	Numerically Accelerated Importance Sampling for Nonlinear Non-Gaussian State Space Models. *SSRN Electronic Journal*,	1	5
69	Stationarity and Ergodicity of Univariate Generalized Autoregressive Score Processes. *SSRN Electronic Journal*,	1	5
68	Measuring Financial Cycles with a Model-Based Filter: Empirical Evidence for the United States and the Euro Area. *SSRN Electronic Journal*,	1	5
67	Maximum likelihood estimation for score-driven models. *Journal of Econometrics*, **2021**,	2.6	5
66	Feasible Invertibility Conditions and Maximum Likelihood Estimation for Observation-Driven Models. *SSRN Electronic Journal*, **2016**,	1	5
65	Accounting for missing values in score-driven time-varying parameter models. *Economics Letters*, **2016**, 148, 96-98	1.3	5
64	Testing for ARCH in the presence of additive outliers **1999**, 14, 539		5
63	A stochastic recurrence equations approach for score driven correlation models. *Econometric Reviews*, **2018**, 37, 166-181	1.1	4
62	Spillover Dynamics for Systemic Risk Measurement Using Spatial Financial Time Series Models. *SSRN Electronic Journal*, **2014**,	1	4
61	Quantile forecasting for credit risk management using possibly misspecified hidden Markov models. *Journal of Forecasting*, **2008**, 27, 566-586	2.1	4
60	Analyzing the Term Structure of Interest Rates Using the Dynamic Nelson-Siegel Model with Time-Varying Parameters. *SSRN Electronic Journal*,	1	4
59	Conditional Probabilities for Euro Area Sovereign Default Risk. *SSRN Electronic Journal*,	1	4

58	A Dynamic Yield Curve Model with Stochastic Volatility and Non-Gaussian Interactions: An Empirical Study of Non-Standard Monetary Policy in the Euro Area. *SSRN Electronic Journal*,	1	4
57	Modeling the Business and Financial Cycle in a Multivariate Structural Time Series Model. *SSRN Electronic Journal*,	1	4
56	Semiparametric score driven volatility models. *Computational Statistics and Data Analysis*, **2016**, 100, 58-69	1.6	4
55	Dynamic factor models with clustered loadings: Forecasting education flows using unemployment data. *International Journal of Forecasting*, **2021**, 37, 1426-1441	5.3	4
54	Joint Bayesian Analysis of Parameters and States in Nonlinear non-Gaussian State Space Models. *Journal of Applied Econometrics*, **2017**, 32, 1003-1026	2.2	3
53	The Dynamic Skellam Model with Applications. *SSRN Electronic Journal*, **2014**,	1	3
52	Risk aversion under preference uncertainty. *Finance Research Letters*, **2012**, 9, 1-7	8.1	3
51	Forecasting Economic Time Series Using Unobserved Components Time Series Models **2011**,		3
50	Positivity conditions for stochastic state space modelling of time series. *Econometric Reviews*, **1992**, 11, 379-396	1.1	3
49	Forecasting Cross-Sections of Frailty-Correlated Default. *SSRN Electronic Journal*,	1	3
48	Macro, Industry, and Frailty Effects in Defaults: The 2008 Credit Crisis in Perspective. *SSRN Electronic Journal*,	1	3
47	Long Memory Dynamics for Multivariate Dependence Under Heavy Tails. *SSRN Electronic Journal*,	1	3
46	Finite Sample Optimality of Score-Driven Volatility Models: Some Monte Carlo Evidence. *Econometrics and Statistics*, **2020**,	0.8	3
45	The dynamic factor network model with an application to international trade. *Journal of Econometrics*, **2020**, 216, 494-515	2.6	3
44	Fractional Integration and Fat Tails for Realized Covariance Kernels*. *Journal of Financial Econometrics*, **2019**, 17, 66-90	1.2	3
43	Closed-Form Multi-Factor Copula Models With Observation-Driven Dynamic Factor Loadings. *Journal of Business and Economic Statistics*, **2020**, 1-14	3.8	2
42	Score Driven Exponentially Weighted Moving Average and Value-at-Risk Forecasting. *SSRN Electronic Journal*, **2014**,	1	2
41	Conditional Euro Area Sovereign Default Risk. *SSRN Electronic Journal*, **2013**,	1	2

40	Pro-Cyclicality, Empirical Credit Cycles, and Capital Buffer Formation. *SSRN Electronic Journal*, **2003**,	1	2
39	New HEAVY Models for Fat-Tailed Returns and Realized Covariance Kernels. *SSRN Electronic Journal*,	1	2
38	Fractional Integration and Fat Tails for Realized Covariance Kernels and Returns. *SSRN Electronic Journal*,	1	2
37	Realized Wishart-Garch: A Score-Driven Multi-Asset Volatility Model. *SSRN Electronic Journal*, **2016**,	1	2
36	Forecasting Football Match Results in National League Competitions Using Score-Driven Time Series Models. *SSRN Electronic Journal*, **2017**,	1	1
35	The Information in Systemic Risk Rankings. *SSRN Electronic Journal*, **2015**,	1	1
34	In-Sample Confidence Bands and Out-of-Sample Forecast Bands for Time-Varying Parameters in Observation Driven Models. *SSRN Electronic Journal*, **2015**,	1	1
33	A Dynamic Bivariate Poisson Model for Analysing and Forecasting Match Results in the English Premier League. *SSRN Electronic Journal*, **2012**,	1	1
32	Structural Intervention Time Series Analysis of Crime Rates: The Impact of Sentence Reform in Virginia. *SSRN Electronic Journal*, **2012**,	1	1
31	Fast Efficient Importance Sampling by State Space Methods. *SSRN Electronic Journal*, **2012**,	1	1
30	Blockholder Dispersion and Firm Value. *SSRN Electronic Journal*, **2011**,	1	1
29	A Dynamic Multivariate Heavy-Tailed Model for Time-Varying Volatilities and Correlations. *SSRN Electronic Journal*, **2010**,	1	1
28	Chapter 8 Trend-Cycle Decomposition Models with Smooth-Transition Parameters: Evidence from U.S. Economic Time Series. *Contributions To Economic Analysis*, **2006**, 276, 199-219		1
27	Testing for Parameter Instability in Competing Modeling Frameworks. *SSRN Electronic Journal*,	1	1
26	Low Frequency and Weighted Likelihood Solutions for Mixed Frequency Dynamic Factor Models. *SSRN Electronic Journal*,	1	1
25	Generalized Autoregressive Method of Moments. *SSRN Electronic Journal*,	1	1
24	The Dynamic Factor Network Model with an Application to Global Credit-Risk. *SSRN Electronic Journal*,	1	1
23	Forecasting Economic Time Series Using Score-Driven Dynamic Models with Mixed-Data Sampling. *SSRN Electronic Journal*,	1	1

22	A Time-Varying Parameter Model for Local Explosions. *SSRN Electronic Journal*,	1	1
21	Estimating Systematic Continuous-Time Trends in Recidivism Using a Non-Gaussian Panel Data Model. *SSRN Electronic Journal*,	1	1
20	Score-driven Systemic Risk Signaling for European Sovereign Bond Yields and CDS Spreads **2017**, 129-150		1
19	Risk endogeneity at the lender/investor-of-last-resort. *Journal of Monetary Economics*, **2020**, 116, 283-297	3.4	1
18	Bank Business Models at Zero Interest Rates. *SSRN Electronic Journal*, **2016**,	1	1
17	Forecasting economic time series using score-driven dynamic models with mixed-data sampling. *International Journal of Forecasting*, **2019**, 35, 1735-1747	5.3	1
16	Modified efficient importance sampling for partially non-Gaussian state space models. *Statistica Neerlandica*, **2019**, 73, 44-62	0.9	1
15	Observation-driven models for realized variances and overnight returns applied to Value-at-Risk and Expected Shortfall forecasting. *International Journal of Forecasting*, **2021**, 37, 622-633	5.3	1
14	Tail Heterogeneity for Dynamic Covariance-Matrix-Valued Random Variables: the F-Riesz Distribution. *SSRN Electronic Journal*,	1	1
13	Missing Observations in Observation-Driven Time Series Models. *SSRN Electronic Journal*, **2018**,	1	1
12	The Analysis and Forecasting of ATP Tennis Matches Using a High-Dimensional Dynamic Model. *SSRN Electronic Journal*, **2018**,	1	1
11	Unobserved components with stochastic volatility: Simulation-based estimation and signal extraction. *Journal of Applied Econometrics*, **2021**, 36, 614-627	2.2	1
10	Joint Decomposition of Business and Financial Cycles: Evidence from Eight Advanced Economies*. *Oxford Bulletin of Economics and Statistics*,	2.5	1
9	Long-Term versus Short-Term Contingencies in Asset Allocation. *Journal of Financial and Quantitative Analysis*, **2017**, 52, 2277-2303	2.7	0
8	Partially censored posterior for robust and efficient risk evaluation. *Journal of Econometrics*, **2020**, 217, 335-355	2.6	0
7	Testing for Parameter Instability across Different Modeling Frameworks. *Journal of Financial Econometrics*, **2016**, nbw008	1.2	0
6	Model-based Business Cycle and Financial Cycle Decomposition for Europe and the United States **2017**, 151-168		
5	Economic Trends and Cycles in Crime: A Study for England and Wales. *Jahrbucher Fur Nationalokonomie Und Statistik*, **2012**, 232, 652-677	1.5	

4	Hedging Large Portfolios of Options in Discrete Time*View all notes. *Applied Mathematical Finance*, **2008**, 15, 251-275	0.9
3	Fat Tails and the Effect on Optimal Asset Allocations **2001**, 272-288	
2	Rejoinder to the discussion In-Sample Confidence Bands and Out-of-Sample Forecast Bands for Time-Varying Parameters in Observation-Driven Models *International Journal of Forecasting*, **2016**, 32, 893-894	5.3
1	A time-varying parameter model for local explosions. *Journal of Econometrics*, **2021**, 227, 65-65	2.6