# James P Lesage

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 121 papers | 7,933 citations | 147786<br>31 h-index | 118840<br>62 g-index |
| 126 all docs | 126 docs citations | 126 times ranked | 3679 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Introduction to Spatial Econometrics. , 0, , . | | 2,860 |
| 2 | SPATIAL ECONOMETRIC MODELING OF ORIGINâ€DESTINATION FLOWS*. Journal of Regional Science, 2008, 48, 941-967. | 3.3 | 396 |
| 3 | Spatial Growth Regressions: Model Specification, Estimation and Interpretation. Spatial Economic Analysis, 2008, 3, 275-304. | 1.6 | 362 |
| 4 | The Biggest Myth in Spatial Econometrics. Econometrics, 2014, 2, 217-249. | 0.9 | 302 |
| 5 | Bayesian Estimation of Spatial Autoregressive Models. International Regional Science Review, 1997, 20, 113-129. | 2.1 | 235 |
| 6 | Bayesian Estimation of Limited Dependent Variable Spatial Autoregressive Models. Geographical Analysis, 2000, 32, 19-35. | 3.5 | 223 |
| 7 | Interpreting dynamic spaceâ€"time panel data models. Statistical Methodology, 2012, 9, 158-171. | 0.5 | 201 |
| 8 | Spatial Econometric Models. , 2010, , 355-376. | | 158 |
| 9 | QUANTIFYING KNOWLEDGE SPILLOVERS USING SPATIAL ECONOMETRIC MODELS. Journal of Regional Science, 2011, 51, 471-496. | 3.3 | 153 |
| 10 | A matrix exponential spatial specification. Journal of Econometrics, 2007, 140, 190-214. | 6.5 | 138 |
| 11 | Using the variance structure of the conditional autoregressive spatial specification to model knowledge spillovers. Journal of Applied Econometrics, 2008, 23, 235-256. | 2.3 | 138 |
| 12 | Knowledge spillovers across Europe: Evidence from a Poisson spatial interaction model with spatial effects. Papers in Regional Science, 2007, 86, 393-421. | 1.9 | 121 |
| 13 | New Orleans Business Recovery in the Aftermath of Hurricane Katrina. Journal of the Royal Statistical Society Series A: Statistics in Society, 2011, 174, 1007-1027. | 1.1 | 119 |
| 14 | Bayesian Model Averaging for Spatial Econometric Models. Geographical Analysis, 2007, 39, 241-267. | 3.5 | 116 |
| 15 | Models for Spatially Dependent Missing Data. Journal of Real Estate Finance and Economics, 2004, 29, 233-254. | 1.5 | 103 |
| 16 | Spatial econometric panel data model specification: A Bayesian approach. Spatial Statistics, 2014, 9, 122-145. | 1.9 | 100 |
| 17 | The importance of modeling spatial spillovers inÂpublicÂchoice analysis. Public Choice, 2012, 150, 525-545. | 1.7 | 93 |
| 18 | Chebyshev approximation of log-determinants of spatial weight matrices. Computational Statistics and Data Analysis, 2004, 45, 179-196. | 1.2 | 85 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Spatial dynamic panel data models with random effects. Regional Science and Urban Economics, 2012, 42, 727-738. | 2.6 | 83 |
| 20 | A spatial dynamic panel model with random effects applied to commuting times. Transportation Research Part B: Methodological, 2010, 44, 633-645. | 5.9 | 82 |
| 21 | A space–time filter for panel data models containing random effects. Computational Statistics and Data Analysis, 2011, 55, 475-490. | 1.2 | 82 |
| 22 | A BAYESIAN PROBIT MODEL WITH SPATIAL DEPENDENCIES. Advances in Econometrics, 0, , 127-160. | 0.3 | 80 |
| 23 | What Regional Scientists Need to Know About Spatial Econometrics. SSRN Electronic Journal, 0, , . | 0.4 | 74 |
| 24 | A spatial Hausman test. Economics Letters, 2008, 101, 282-284. | 1.9 | 70 |
| 25 | Spatial Statistics and Real Estate. Journal of Real Estate Finance and Economics, 2004, 29, 147-148. | 1.5 | 64 |
| 26 | INTERPRETING SPATIAL ECONOMETRIC ORIGIN€DESTINATION FLOW MODELS. Journal of Regional Science, 2015, 55, 188-208. | 3.3 | 58 |
| 27 | A sampling approach to estimate the log determinant used in spatial likelihood problems. Journal of Geographical Systems, 2009, 11, 209-225. | 3.1 | 57 |
| 28 | Pitfalls in Higher Order Model Extensions of Basic Spatial Regression Methodology. Review of Regional Studies, 2011, 41, . | 0.3 | 52 |
| 29 | A Spatial Prior for Bayesian Vector Autoregressive Models. Journal of Regional Science, 1999, 39, 297-317. | 3.3 | 50 |
| 30 | Changes in commuting to work times over the 1990 to 2000 period. Regional Science and Urban Economics, 2009, 39, 460-471. | 2.6 | 50 |
| 31 | Incorporating Transportation Network Structure in Spatial Econometric Models of Commodity Flows. Spatial Economic Analysis, 2008, 3, 225-245. | 1.6 | 49 |
| 32 | The Biggest Myth in Spatial Econometrics. SSRN Electronic Journal, 0, , . | 0.4 | 48 |
| 33 | Interpreting Spatial Econometric Models. , 2014, , 1535-1552. | | 47 |
| 34 | Software for Bayesian cross section and panel spatial model comparison. Journal of Geographical Systems, 2015, 17, 297-310. | 3.1 | 41 |
| 35 | Using Spatial Contiguity as Bayesian Prior Information in Regional Forecasting Models. International Regional Science Review, 1995, 18, 33-53. | 2.1 | 39 |
| 36 | Omitted Variable Biases of OLS and Spatial Lag Models. Advances in Spatial Science, 2010, , 17-28. | 0.6 | 39 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | FORECASTING METROPOLITAN EMPLOYMENT USING AN EXPORT-BASE ERROR-CORBECTION MODEL. Journal of Regional Science, 1990, 30, 307-323. | 3.3 | 37 |
| 38 | Spatial Econometric Methods for Modeling Origin-Destination Flows. , 2010, , 409-433. | | 37 |
| 39 | The Impact of Migration on Social Capital: Do Migrants Take Their Bowling Balls with Them?. Growth and Change, 2012, 43, 1-26. | 2.6 | 36 |
| 40 | Estimates of the Impact of Static and Dynamic Knowledge Spillovers on Regional Factor Productivity. International Regional Science Review, 2012, 35, 103-127. | 2.1 | 35 |
| 41 | Semiparametric Maximum Likelihood Estimates of Spatial Dependence. Geographical Analysis, 2002, 34, 76-90. | 3.5 | 34 |
| 42 | Interpreting heterogeneous coefficient spatial autoregressive panel models. Economics Letters, 2016, 142, 1-5. | 1.9 | 33 |
| 43 | The role of R&D collaboration networks on regional knowledge creation: Evidence from information and communication technologies. Papers in Regional Science, 2018, 97, 549-568. | 1.9 | 33 |
| 44 | A Bayesian space–time approach to identifying and interpreting regional convergence clubs in Europe. Papers in Regional Science, 2015, 94, 677-703. | 1.9 | 32 |
| 45 | A spatial econometric panel data examination of endogenous versus exogenous interaction in Chinese province-level patenting. Journal of Geographical Systems, 2014, 16, 233-262. | 3.1 | 31 |
| 46 | Using interindustry input-output relations as a Bayesian prior in employment forecasting models. International Journal of Forecasting, 1991, 7, 231-238. | 6.5 | 29 |
| 47 | Flexible dependence modeling using convex combinations of different types of connectivity structures. Regional Science and Urban Economics, 2018, 69, 48-68. | 2.6 | 28 |
| 48 | Interpretation and Computation of Estimates from Regression Models using Spatial Filtering. Spatial Economic Analysis, 2013, 8, 352-369. | 1.6 | 25 |
| 49 | Spatial Econometric Issues for Bio–Economic and Land–Use Modelling. Journal of Agricultural Economics, 2007, 58, 549-588. | 3.5 | 24 |
| 50 | A spatial interaction model with spatially structured origin and destination effects. Journal of Geographical Systems, 2013, 15, 265-289. | 3.1 | 23 |
| 51 | A Bayesian spatial panel model with heterogeneous coefficients. Regional Science and Urban Economics, 2018, 72, 58-73. | 2.6 | 23 |
| 52 | A Bayesian heterogeneous coefficients spatial autoregressive panel data model of retail fuel duopoly pricing. Regional Science and Urban Economics, 2017, 62, 46-55. | 2.6 | 22 |
| 53 | Bayesian Model Averaging for Spatial Autoregressive Models Based on Convex Combinations of Different Types of Connectivity Matrices. Journal of Business and Economic Statistics, 2022, 40, 547-558. | 2.9 | 21 |
| 54 | Using home buyers' revealed preferences to define the urban–rural fringe. Journal of Geographical Systems, 2008, 10, 1-21. | 3.1 | 20 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 55 | Use and interpretation of spatial autoregressive probit models. Annals of Regional Science, 2018, 60, 1-24. | 2.1 | 20 |
| 56 | Analysis of spatial contiguity influences on state price level formation. International Journal of Forecasting, 1997, 13, 245-253. | 6.5 | 19 |
| 57 | DETERMINANTS OF KNOWLEDGE PRODUCTION AND THEIR EFFECTS ON REGIONAL ECONOMIC GROWTH. Journal of Regional Science, 2012, 52, 256-284. | 3.3 | 19 |
| 58 | Spatial econometric Monte Carlo studies: raising the bar. Empirical Economics, 2018, 55, 17-34. | 3.0 | 18 |
| 59 | FORECASTING TURNING POINTS IN METROPOLITAN EMPLOYMENT GROWTH RATES USING BAYESIAN TECHNIQUES. Journal of Regional Science, 1990, 30, 533-548. | 3.3 | 17 |
| 60 | Spatial Econometrics. , 2005, , 613-619. | | 17 |
| 61 | Latent Multilateral Trade Resistance Indices: Theory andÂEvidence. Scottish Journal of Political Economy, 2015, 62, 264-290. | 1.6 | 17 |
| 62 | A Mixture-Model Approach to Combining Forecasts. Journal of Business and Economic Statistics, 1992, 10, 445-452. | 2.9 | 15 |
| 63 | A heterogeneous coefficient approach to the knowledge production function. Spatial Economic Analysis, 2019, 14, 196-218. | 1.6 | 15 |
| 64 | Using Bayesian Techniques for Data Pooling in Regional Payroll Forecasting. Journal of Business and Economic Statistics, 1990, 8, 127-135. | 2.9 | 13 |
| 65 | Arc_Mat: a Matlab-based spatial data analysis toolbox. Journal of Geographical Systems, 2010, 12, 69-87. | 3.1 | 13 |
| 66 | Forecasting spatially dependent origin and destination commodity flows. Empirical Economics, 2014, 47, 1543-1562. | 3.0 | 13 |
| 67 | The impact of collinearity involving the intercept term on the numerical accuracy of regression. Computer Science in Economics and Management, 1988, 1, 137-152. | 0.5 | 12 |
| 68 | Using Bayesian Techniques for Data Pooling in Regional Payroll Forecasting. Journal of Business and Economic Statistics, 1990, 8, 127. | 2.9 | 12 |
| 69 | Spatial Dynamic Panel Data Models with Random Effects. SSRN Electronic Journal, 0, , . | 0.4 | 12 |
| 70 | Industry Networks and the Geography of Firm Behavior. Management Science, 2022, 68, 6163-6183. | 4.1 | 11 |
| 71 | Spatial Regression-Based Model Specifications for Exogenous and Endogenous Spatial Interaction. Advances in Spatial Science, 2016, , 15-36. | 0.6 | 10 |
| 72 | Markov Chain Monte Carlo estimation of spatial dynamic panel models for large samples. Computational Statistics and Data Analysis, 2019, 138, 107-125. | 1.2 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 73 | Impact of Cliff and Ord on the Housing and Real Estate Literature. Geographical Analysis, 2009, 41, 418-424. | 3.5 | 8 |
| 74 | A Matrix Exponential Spatial Panel Model with Heterogeneous Coefficients. Geographical Analysis, 2018, 50, 422-453. | 3.5 | 8 |
| 75 | Arc_Mat, a Toolbox for Using ArcView Shape Files for Spatial Econometrics and Statistics. Lecture Notes in Computer Science, 2004, , 179-190. | 1.3 | 8 |
| 76 | A comparison of vector autoregressive forecasting performance: spatial versus non-spatial Bayesian priors. Annals of Regional Science, 2015, 54, 533-560. | 2.1 | 7 |
| 77 | TESTING CRITERIA FOR DETERMINING LEADING REGIONS IN WAGE TRANSMISSION MODELS*. Journal of Regional Science, 1990, 30, 37-50. | 3.3 | 6 |
| 78 | A Spatial Econometric Examination of China's Economic Growth. Annals of GIS, 1999, 5, 143-153. | 3.1 | 6 |
| 79 | Interpreting Spatial Econometric Models. , 2019, , 1-18. | | 6 |
| 80 | Commercial bank and thrift interdependence and local market competition for retail certificates of deposit. Journal of Financial Services Research, 1990, 4, 37-52. | 1.5 | 5 |
| 81 | Spatial Econometric Models, Prediction. , 2008, , 1095-1100. | | 5 |
| 82 | Robust decomposition analysis of wage differentials. Journal of Economic and Social Measurement, 2004, 29, 487-505. | 0.7 | 5 |
| 83 | Discussion: Applications and Innovations in Spatial Econometrics. Journal of Agricultural &amp; Applied Economics, 2011, 43, 339-343. | 1.4 | 4 |
| 84 | Spatial Econometric Panel Data Model Specification: A Bayesian Approach. SSRN Electronic Journal, 0, , . | 0.4 | 4 |
| 85 | Large Bayesian vector autoregressive forecasting for regions: A comparison of methods based on alternative disturbance structures. Annals of Regional Science, 2019, 62, 563-599. | 2.1 | 4 |
| 86 | Fast MCMC estimation of multiple W-matrix spatial regression models and Metropolisâ€"Hastings Monte Carlo log-marginal likelihoods. Journal of Geographical Systems, 2020, 22, 47-75. | 3.1 | 4 |
| 87 | Cross-sectional dependence model specifications in a static trade panel data setting. Journal of Geographical Systems, 2020, 22, 5-46. | 3.1 | 4 |
| 88 | A spatial regression methodology for exploring the role of regional connectivity in knowledge production: Evidence from Chinese regions. Papers in Regional Science, 2021, 100, 847-875. | 1.9 | 4 |
| 89 | Analysis and Development of Leading Indicators Using a Bayesian Turning-Points Approach. Journal of Business and Economic Statistics, 1991, 9, 305-316. | 2.9 | 3 |
| 90 | A Comparison of Time-Varying Parameter and Multiprocess Mixture Models in the Case of Money-Supply Announcements. Journal of Business and Economic Statistics, 1992, 10, 201-211. | 2.9 | 3 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 91 | Spatial Econometric Methods for Modeling Origin Destination Flows. SSRN Electronic Journal, 0, , . | 0.4 | 3 |
| 92 | Space-time modeling of natural disaster impacts. Journal of Economic and Social Measurement, 2011, 36, 169-191. | 0.7 | 3 |
| 93 | Space-Time Modeling of Natural Disaster Impacts. SSRN Electronic Journal, 2011, , . | 0.4 | 3 |
| 94 | Network dependence in multi-indexed data on international trade flows. Journal of Spatial Econometrics, 2020, 1, 1. | 0.5 | 3 |
| 95 | Interpreting spatial regression models with multiplicative interaction explanatory variables. Journal of Geographical Systems, 2021, 23, 333-360. | 3.1 | 3 |
| 96 | MODELING DYNAMIC INTERINDUSTRY REGIONAL GROWTH IN THE PRESENCE OF STRUCTURAL SHIFTS AND OUTLIERS*. Journal of Regional Science, 1993, 33, 365-385. | 3.3 | 2 |
| 97 | A Spatial Dynamic Panel Model with Random Effects Applied to Commuting Times. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 98 | Peer-group dependence in salary benchmarking: a statistical model. Managerial and Decision Economics, 2010, 32, n/a-n/a. | 2.5 | 2 |
| 99 | Spatial Regression-Based Model Specifications for Exogenous and Endogenous Spatial Interaction. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 100 | Spatial Econometric Monte Carlo Studies: Raising the Bar. SSRN Electronic Journal, 2017, , . | 0.4 | 2 |
| 101 | Spillover effects in adoption of cash transfer programs by Latin American countries. Journal of Geographical Systems, 2020, 22, 177-199. | 3.1 | 2 |
| 102 | Interpreting Spatial Econometric Models. , 2021, , 2201-2218. |  | 2 |
| 103 | Using Bayesian Posterior Model Probabilities to Identify Omitted Variables in Spatial Regression Models. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 104 | A Heterogeneous Coefficient Approach to the Knowledge Production Function. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 105 | Centering and scaling of regression algorithms in the face of iiiâ€"conditioning. Journal of Statistical Computation and Simulation, 1988, 30, 273-283. | 1.2 | 1 |
| 106 | Revisiting the question â€" Does corporate headquarters location matter for stock returns?. Applied Economics Letters, 2011, 18, 505-508. | 1.8 | 1 |
| 107 | City and Industry Network Impacts on Innovation by Chinese Manufacturing Firms: A Hierarchical Spatial-Interindustry Model. Advances in Econometrics, 2016, , 343-386. | 0.3 | 1 |
| 108 | A simple closed-form relation between spatial weight matrices with different scalings. Economics Letters, 2021, 207, 110026. | 1.9 | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 109 | Using Bayesian techniques for data pooling in regional payroll forecasting (1990). , 2004, , 619-636. | | 0 |
| 110 | Forecasting turning points in metropolitan employment growth rates using Bayesian techniques (1990). , 2004, , 637-655. | | 0 |
| 111 | A Bayesian Approach to Identifying and Interpreting Regional Convergence Clubs in Europe. SSRN Electronic Journal, 2012, , . | 0.4 | 0 |
| 112 | Forecasting Spatially Dependent Origin and Destination Commodity Flows. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 113 | Simultaneous dependence between firm-level stock returns. Journal of Economics and Finance, 2013, 37, 479-494. | 1.8 | 0 |
| 114 | Heterogeneous Coefficient Spatial Regression Panel Models. , 2021, , 2219-2236. | | 0 |
| 115 | Using Convex Combinations of Spatial Weights in Spatial Autoregressive Models. , 2021, , 2267-2282. | | 0 |
| 116 | A Bayesian Spatial Interaction Model Variant of the Poisson Pseudo-Maximum Likelihood Estimator. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 117 | Spatial Econometric Models, Prediction. , 2016, , 1-7. | | 0 |
| 118 | Spatial Econometric Models, Prediction. , 2017, , 2011-2011. | | 0 |
| 119 | Using Convex Combinations of Spatial Weights in Spatial Autoregressive Models. , 2019, , 1-16. | | 0 |
| 120 | Heterogeneous Coefficient Spatial Regression Panel Models. , 2019, , 1-19. | | 0 |
| 121 | Industry Networks and the Geography of Firm Behavior. SSRN Electronic Journal, 0, , . | 0.4 | 0 |