

## Most Cited Papers: 1919–2017

*The Review of Economics and Statistics* was founded at Harvard University in the fall of 1917 and printed its first issue in January 1919. The year 2018 is the journal's centennial year. As part of our celebrations, each issue of the 100th volume will include interesting content that highlights the development of the journal and the discipline as a whole.

In our first centenary issue, we want to acknowledge the great authors and papers that have been published in *REStat* throughout the past one hundred years. To recognize some of the most pivotal work, we have included lists of the journal's most cited papers, overall and by decade. Since abstracts or author-provided keywords are not consistently available over the 100-year period, we instead report machine-generated topics that likely reflect the article's content. These topics are assigned by JSTOR (for years 1919–2012) and Business Source (EBSCO) (for years 2013–2017) using proprietary algorithms and are used with permission. While these procedures are understandably imperfect, we nevertheless present the results unedited, so the reader can more accurately assess the potential of such techniques.

### Most Cited Papers Overall

1. Solow, R. M., "Technical Change and the Aggregate Production Function," 39:3 (1957), 312–320.  
Topics: Economic capital, Production functions, Aggregate production, Work hours, Gross national product, Time series, Marginal products, Production capital, Production estimates, Depreciation
2. Lintner, J., "The Valuation of Risk Assets and the Selection of Risky Investments in Stock Portfolios and Capital Budgets," 47:1 (1965), 13–37.  
Topics: Investment risk, Stock prices, Financial portfolios, Investors, Capital budgeting, Financial investments, Investment return rates, Business structures, Short sales, Utility functions
3. Samuelson, P. A., "The Pure Theory of Public Expenditure," 36:4 (1954), 387–389.  
Topics: Consumer goods, Consumption theories, Public expenditures, Social ethics, Ambivalence, Market prices, Taxation theories, Infinity, Moral judgment, Mathematical functions
4. Merton, R. C., "Lifetime Portfolio Selection under Uncertainty: The Continuous-Time Case," 51:3 (1969), 247–257.  
Topics: Economic growth models, Wealth, Marginal utility, Utility functions, Mathematical functions, Economic theory, Substitution effect, Income effect, Economic models, Financial budgets
5. Bollerslev, T., "Modelling the Coherence in Short-Run Nominal Exchange Rates: A Multivariate Generalized Arch Model," 72:3 (1990), 498–505.  
Topics: Exchange rates, Economic models, Statistical models, Time series models, Statistical discrepancies, Economic modeling, Applied econometrics, Heteroskedasticity, Applied economics, Parametric models
6. Dehejia, R. H., and S. Wahba, "Propensity Score-Matching Methods for Nonexperimental Causal Studies," 84:1 (2002), 151–161.  
Topics: Estimation methods, Net income, Calipers, Standard error, Pretreatment, Statistical estimation, Economic statistics, Estimators, Control groups, Estimation bias
7. Baxter, M., and R. G. King, "Measuring Business Cycles: Approximate Band-Pass Filters for Economic Time Series," 81:4 (1999), 575–593.  
Topics: Time series, Economic fluctuations, Approximation, Gross national product, Macroeconomics, Statistical variance, Economic inflation, Phase shift, Frequency response, Economic trends
8. Bergstrand, J. H., "The Gravity Equation in International Trade: Some Microeconomic Foundations and Empirical Evidence," 67:3 (1985), 474–481.  
Topics: International trade, Coefficients, Prices, Trade, Exchange rates, Commodities, Gross domestic product, Gravity models, Aggregate income, Bilateralism
9. Christensen, L. R., D. W. Jorgenson, and L. J. Lau, "Transcendental Logarithmic Production Frontiers," 55:1 (1973), 28–45.  
Topics: Additivity, Production possibilities, Prices, Commercial production, Production functions, Economic value, Approximation, Possibility theory, Economic capital, Commodities
10. Samuelson, P. A., "Theoretical Notes on Trade Problems," 46:2 (1964), 145–154.  
Topics: Purchasing power parity, Prices, Overvalued currency, Exchange rates, Transportation costs, Capital mobility, Arbitrage, International trade, Comparative advantage, Wage rate

## Most Cited Papers By Decade

### 1919–1929

1. Persons, W. M., “[Statistics and Economic Theory](#),” 7:3 (1925), 179–197.

Topics: Economic statistics, Economic theory, Statistics, Probabilities, Index numbers, Political economy, Economic fluctuations, Correlations, Prices, Lexis

2. Bullock, C. J., W. M. Persons, and W. L. Crum, “[The Construction and Interpretation of the Harvard Index of Business Conditions](#),” 9:2 (1927), 74–92.

Topics: Correlation coefficients, Economic fluctuations, Economic conditions, Economic statistics, Correlations, Economic theory, Cumulativity, Curves, Numerical quadratures, Cosine function

3. Working, H., “[Bank Deposits as a Forecaster of the General Wholesale Price Level](#),” 8:3 (1926), 120–133.

Topics: Price levels, Prices, Banks, Bank loans, Checking accounts, Index numbers, Wholesale price index, Wholesale prices, Discount loans, Coefficients

4. Young, A. A., “[An Analysis of Bank Statistics for the United States](#),” 7:1 (1925), 19–37.

Topics: Bank loans, Banks, National banks, Discount loans, Financial investments, Economic fluctuations, Investment banking, Bank assets, Bank credit, Bank accounts

5. Matthews, A. M., “[New York Bank Clearings and Stock Prices, 1866–1914](#),” 8:4 (1926), 184–198.

Topics: Stock prices, Stock market indices, Bank clearings, Common stock, Secular variations, Security prices, Rail industry, Rail lines, Average prices, Data lines

6. Snyder, C., “[Deposits Activity as a Measure of Business Activity](#),” 6:4 (1924), 253–259.

Topics: Checking accounts, Bank clearings, Trade volume, Business operations, Velocity, Debits, Arithmetic mean, Cities, Countries

7. Williams, J. H., “[The Balance of International Payments of the United States for the Year 1921: With an Estimate of the Unfunded Foreign Balance on January 1, 1922](#),” 4:3 (1922), 201–214.

Topics: Imports, Bank credit, Merchandise, Economic capital, Banks, Balance of trade, International payments, Foreign securities, Debits, War

8. Berridge, W. A., “[Labor and the Business Cycle: Some Industrial Aspects](#),” 8:3 (1926), 134–143.

Topics: Employment indices, Economic fluctuations, Employment, Economic indices, Economic research, Employment services industry, Metals industries, Quit rates, Labor disputes, Labor markets

9. Kitchin, J., “[Gold Production: A Survey and Forecast](#),” 8:3 (1926), 114–119.

Topics: Gold standard, Currency, Mining, Explosive mines, Capital costs, Production costs, World wars, Yield, Consumption, Imports

10. Bacon, D. C., “[A Monthly Index of Commodity Prices, 1890–1900](#),” 8:4 (1926), 177–183.

Topics: Commodity prices, Wholesale price index, Farm production indexes, Economic indices, Wholesale prices, Food movements, Economic fluctuations, Farms, Agricultural price indices, Bank clearings

### 1930–1939

1. Samuelson, P. A., “[Interactions between the Multiplier Analysis and the Principle of Acceleration](#),” 21:2 (1939), 75–78.

Topics: National income, Government, Induced investment, Induced consumption, Deficit spending, Investment income, Marginal propensity to consume, Mathematical constants, Government relations, Public investments

2. Schumpeter, J. A., “[The Analysis of Economic Change](#),” 17:4 (1935), 2–10.

Topics: Economic fluctuations, Industrial cycles, Time series, Economic life, Capitalism, Technological innovation, Economic systems, Economic depressions, Rail industry, Investment credit

3. Schumpeter, E. B., “[English Prices and Public Finance, 1660–1822](#),” 20:1 (1938), 21–37.

Topics: Prices, Public debt, War, Consumer goods, Receipts, Taxation, Consumer prices, Consumer Price Index, Bank loans, Credit

4. Johnson, N. O., “[The Pareto Law](#),” 19:1 (1937), 20–26.

Topics: Income distribution, Fall lines, Data lines, Income inequality, Data ranges, Income estimates, Geometric lines, Curvature, Statistics, Statistical estimation

5. Marschak, J., “[Personal and Collective Budget Functions](#),” 21:4 (1939), 161–170.

Topics: Financial budgets, Income inequality, Commodities, Consumer psychology, Personal income, National income, Marginal propensity to consume, Household budgets, Consumer economics, Aggregate income

6. Mason, E. S., “[Price Inflexibility](#),” 20:2 (1938), 53–64.

Topics: Prices, Price changes, Wholesale prices, Market prices, Price flexibility, Commodities, Commodity prices, Average prices, Economic systems, Agricultural prices

7. Slichter, S. H., “[The Downturn of 1937](#),” 20:3 (1938), 97–110.

Topics: Capital goods, Prices, Demand, New order, Inventories, Business orders, Consumer prices, Consumer goods, Industrial production

8. Polak, J. J., “[Fluctuations in United States Consumption, 1919–1932](#),” 21:1 (1939), 1–12.

Topics: Coefficients, Consumer economics, Income distribution, Marginal propensity to consume, Correlation coefficients, Economic fluctuations, Prices, Variable coefficients, Economic statistics, Arithmetic mean

9. Einarsen, J., “[Reinvestment Cycles](#),” 20:1 (1938), 1–10.  
Topics: Age distribution, Reinvestment, Economic fluctuations, Tonnage, Shipbuilding, Explanation theories, Economic capital, Economic depressions, Shipping industries, Economic statistics
10. Tinbergen, J., “[The Dynamics of Share-Price Formation](#),” 21:4 (1939), 153–160.  
Topics: Prices, Dividends, Interest rates, Stock shares, Coefficients, Statics, Speculators, Economic statistics, Market prices, Statistics
- 1940–1949**
1. Koopmans, T. C., “[Measurement Without Theory](#),” 29:3 (1947), 161–172.  
Topics: Economic fluctuations, Economic theory, Economic systems, Statistics, Economic policy, Randomness, Economic statistics, Observational research, Stock market fluctuations, Behavior patterns
2. Metzler, L. A., “[The Nature and Stability of Inventory Cycles](#),” 23:3 (1941), 113–129.  
Topics: Inventories, Stock sales, Investment income, Coefficients, Consumer goods, Marginal propensity to consume, Net investment, Securities sales, Investment inventories, Economic expectations
3. Hirschman, A. O., “[Devaluation and the Trade Balance: A Note](#),” 31:1 (1949), 50–53.  
Topics: Imports, Balance of trade, Foreign exchange, Elasticity of demand, Surplus, Current account, Ports, Demand curves, Market prices, Prices
4. Vining, R., “[Koopmans on the Choice of Variables to be Studied and of Methods of Measurement](#),” 31:2 (1949), 77–86.  
Topics: Economic fluctuations, Economic theory, Statistics, Economic research, Statistical estimation, Economic statistics, Economic models, Neoclassical economics, Classical economics
5. Tobin, J., “[Liquidity Preference and Monetary Policy](#),” 29:2 (1947), 124–131.  
Topics: Interest rates, Cash, Deficit spending, National income, Money, Monetary policy, Elasticity of demand, Commercial banks, Perfect elasticity, Velocity
6. Bendix, R., and L. H. Fisher, “[The Perspectives of Elton Mayo](#),” 31:4 (1949), 312–319.  
Topics: Cooperation, Social sciences, Industrial management, Humans, Human relations, Democracy, Factories, Managerial authority, Political conflict, Labor unions
7. Gerschenkron, A., “[The Soviet Indices of Industrial Production](#),” 29:4 (1947), 217–226.  
Topics: Industrial output, Prices, Steels, Five year plans, Timber industry, Steel industry, Industrial production indices, Coal, Economic inflation, Industrial production
8. Kuznets, S., “[National Income: A New Version](#),” 30:3 (1948), 151–179.  
Topics: National income, Income estimates, Income statistics, Commerce, Statistical estimation, Government, Taxes, Factor costs, Gross national product, Economics
9. Prest, A. R., “[Some Experiments in Demand Analysis](#),” 31:1 (1949), 33–49.  
Topics: Prices, Income elasticity of demand, Market prices, Commodities, Price elasticity, Elasticity of demand, Economic statistics, Commodity prices, Demand analysis, Consumer prices
10. Alexander, S. S., “[The Effect of Size of Manufacturing Corporation on the Distribution of the Rate of Return](#),” 31:3 (1949), 229–235.  
Topics: Corporations, Net worth, Corporate profits, Income statistics, Aggregate income, Investment return rates, Net income, Taxes, Executive compensation, Aggregation
- 1950–1959**
1. Solow, R. M., “[Technical Change and the Aggregate Production Function](#),” 39:3 (1957), 312–320.  
Topics: Economic capital, Production functions, Aggregate production, Work hours, Gross national product, Time series, Marginal products, Production capital, Production estimates, Depreciation
2. Samuelson, P. A., “[The Pure Theory of Public Expenditure](#),” 36:4 (1954), 387–389.  
Topics: Consumer goods, Consumption theories, Public expenditures, Social ethics, Ambivalence, Market prices, Taxation theories, Infinity, Moral judgment, Mathematical functions
3. Tobin, J., “[The Interest-Elasticity of Transactions Demand for Cash](#),” 38:3 (1956), 241–247.  
Topics: Cash, Financial transactions, Transaction costs, Interest rates, Receipts, Revenue, Net income, Demand, Scheduling, Economic statistics
4. Gordon, M. J., “[Dividends, Earnings, and Stock Prices](#),” 41:2 (1959), 99–105.  
Topics: Dividends, Stock prices, Net income, Retained earnings, Coefficients, Common stock, Corporations, Investors, Prices, Book value
5. Isard, W., “[Interregional and Regional Input-Output Analysis: A Model of a Space-Economy](#),” 33:4 (1951), 318–328.  
Topics: Industrial output, Industrial products, Rail industry, Industrial production, Economic models, Commodities, Geographic regions, Economic regions, Steel industry, Modeling
6. Laursen, S., and L. A. Metzler, “[Flexible Exchange Rates and the Theory of Employment](#),” 32:4 (1950), 281–299.  
Topics: Exchange rates, Employment, Imports, Prices, Import prices, Flexible exchange rates, Economic fluctuations, Demand, Balance of payments, Gold standard
7. Orcutt, G. H., “[Measurement of Price Elasticities in International Trade](#),” 32:2 (1950), 117–132.

Topics: Imports, Price elasticity, Elasticity of demand, Demand schedule, Price elasticity of demand, Market prices, Statistical estimation, Supply schedule, Income elasticity of demand, Price changes

8. Orcutt, G. H., “A New Type of Socio-Economic System,” 39:2 (1957), 116–123.

Topics: Modeling, Socioeconomics, Economic models, Economic systems, Reproduction, Probability distributions, Economic forecasting models, Aggregation, Behavior modeling, Economic growth models

9. Leontief, W., “Factor Proportions and the Structure of American Trade: Further Theoretical and Empirical Analysis,” 38:4 (1956), 386–407.

Topics: Imports, Exports, Commodities, International trade, Economics, Radiocarbon, Capital requirements, International economics, Production capital, Trade

10. Beckerman, W., “Distance and the Pattern of Intra-European Trade,” 38:1 (1956), 31–40.

Topics: Imports, Trade, Turkeys, Ports, Transportation costs, International trade, Exporters, Exports, Importers, Arithmetic mean

### 1960–1969

1. Lintner, J., “The Valuation of Risk Assets and the Selection of Risky Investments in Stock Portfolios and Capital Budgets,” 47:1 (1965), 13–37.

Topics: Investment risk, Stock prices, Financial portfolios, Investors, Capital budgeting, Financial investments, Investment return rates, Business structures, Short sales, Utility functions

2. Merton, R. C., “Lifetime Portfolio Selection under Uncertainty: The Continuous-Time Case,” 51:3 (1969), 247–257.

Topics: Economic growth models, Wealth, Marginal utility, Utility functions, Mathematical functions, Economic theory, Substitution effect, Income effect, Economic models, Financial budgets

3. Samuelson, P. A., “Theoretical Notes on Trade Problems,” 46:2 (1964), 145–154.

Topics: Purchasing power parity, Prices, Overvalued currency, Exchange rates, Transportation costs, Capital mobility, Arbitrage, International trade, Comparative advantage, Wage rate

4. Arrow, K. J., H. B. Chenery, B. S. Minhas, and R. M. Solow, “Capital-Labor Substitution and Economic Efficiency,” 43:3 (1961), 225–250.

Topics: Economic capital, Production functions, Industrial efficiency, Economic efficiency, Wage rate, Prices, Employee efficiency, Industrial production, Unitary elasticity, Relative prices

5. Samuelson, P. A., “Lifetime Portfolio Selection by Dynamic Stochastic Programming,” 51:3 (1969), 239–246.

Topics: Investment risk, Business risks, Marginal utility, Financial portfolios, Risk aversion, Economic theory, Expected values, Mathematical vectors, Information theory, Mathematical maxima

6. Olson, M., Jr., and R. Zeckhauser, “An Economic Theory of Alliances,” 48:3 (1966), 266–279.

Topics: International alliances, Military alliances, Countries, Military defense, Marginal costs, National income, Gross national product, Unit costs, Alliances, Economic costs

7. Houthakker, H. S., and S. P. Magee, “Income and Price Elasticities in World Trade,” 51:2 (1969), 111–125.

Topics: Imports, Price elasticity, Income elasticity of demand, Elasticity of demand, Import prices, Balance of trade, Radiocarbon, Prices, Unitary elasticity, Market prices

8. Griliches, Z., “Capital-Skill Complementarity,” 51:4 (1969), 465–468.

Topics: Economic capital, Coefficients, Capital costs, Variable coefficients, Censuses, Manufacturing industries, Net income, Fixed assets, Production functions, Regression coefficients

9. Ridker, R. G., and J. A. Henning, “The Determinants of Residential Property Values with Special Reference to Air Pollution,” 49:2 (1967), 246–257.

Topics: Air pollution, Coefficients, Census tracts, Regression coefficients, Variable coefficients, Housing, Sulfation, Metropolitan areas, A priori knowledge, Estimation methods

10. Chenery, H. B., and L. Taylor, “Development Patterns: Among Countries and Over Time,” 50:4 (1968), 391–416.

Topics: Gross national product, Industry, Industrial sectors, Industrial production, Income level, Economic resources, Industrial growth, International cooperation, Regression coefficients, Time series

### 1970–1979

1. Christensen, L. R., D. W. Jorgenson, and L. J. Lau, “Transcendental Logarithmic Production Frontiers,” 55:1 (1973), 28–45.

Topics: Additivity, Production possibilities, Prices, Commercial production, Production functions, Economic value, Approximation, Possibility theory, Economic capital, Commodities

2. Leontief, W., “Environmental Repercussions and the Economic Structure: An Input-Output Approach,” 52:3 (1970), 262–271.

Topics: Farm economics, Total output, Manufacturing industries, Manufacturing output, Coefficients, Environmental pollution, Agricultural economics, Industrial output, Environmental economics, Wheat

3. Berndt, E. R., and D. O. Wood, “Technology, Prices, and the Derived Demand for Energy,” 57:3 (1975), 259–268.

Topics: Cost functions, Prices, Value added, Cost estimates, Economic capital, Market prices, Price elasticity, Aggregation, Derived demand, Demand

4. Porter, M. E., “The Structure within Industries and Companies’ Performance,” 61:2 (1979), 214–227.



Topics: Industrial market, Profitability theory, Industrial products, Consumer goods industries, Rivalry, Industry, Industrial efficiency, Profitable firms, Industrial concentration, Economies of scale

5. Ashenfelter, O., “[Estimating the Effect of Training Programs on Earnings](#),” 60:1 (1978), 47–57.  
Topics: Net income, Coefficients, Human resources, Human capital, Statistical estimation, Polynomials, Capital investments, Cost estimates, Difference equations, Regression coefficients
  6. Chow, G. C., and A. Lin, “[Best Linear Unbiased Interpolation, Distribution, and Extrapolation of Time Series by Related Series](#),” 53:4 (1971), 372–375.  
Topics: Interpolation, Quarterly estimates, Statistical estimation, Mathematical extrapolation, Time series, Regression analysis, Unbiased estimators, Covariance, Estimators, Time series models
  7. Elton, E. J., and M. J. Gruber, “[Marginal Stockholder Tax Rates and the Clientele Effect](#),” 52:1 (1970), 68–74.  
Topics: Dividends, Shareholders, Stock prices, Tax rates, Tax brackets, Common stock, Marginal tax rate, Stock market indices, Stock dividends, Capital gains
  8. Fair, R. C., “[The Effect of Economic Events on Votes for President](#),” 60:2 (1978), 159–173.  
Topics: Coefficients, Voting, Presidential elections, Political parties, Political candidates, Incumbents, Voting behavior, Radiocarbon, Congressional elections, Gross national product
  9. Gastwirth, J. L., “[The Estimation of the Lorenz Curve and Gini Index](#),” 54:3 (1972), 306–316.  
Topics: Gini index, Lorenz curve, Income distribution, Income estimates, Statistical estimation, Income inequality, Estimation methods, Size distribution of income, Negative income, Income statistics
  10. Horst, T., “[Firm and Industry Determinants of the Decision to Invest Abroad: An Empirical Study](#),” 54:3 (1972), 258–266.  
Topics: Corporations, Business structures, Financial services industries, Industrial market, Investors, Industrial products, Industrial concentration, Subsidiary companies, Foreign investments, Natural resources
- 1980–1989**
1. Bergstrand, J. H., “[The Gravity Equation in International Trade: Some Microeconomic Foundations and Empirical Evidence](#),” 67:3 (1985), 474–481.  
Topics: International trade, Coefficients, Prices, Trade, Exchange rates, Commodities, Gross domestic product, Gravity models, Aggregate income, Bilateralism
  2. Bollerslev, T., “[A Conditionally Heteroskedastic Time Series Model for Speculative Prices and Rates of Return](#),” 69:3 (1987), 542–547.  
Topics: Statistical variance, Time series models, Economic models, Statistical models, Stock prices, Investment return rates, Economic statistics, Foreign exchange rates, T distribution, Modeling
  3. Bergstrand, J. H., “[The Generalized Gravity Equation, Monopolistic Competition, and the Factor-Proportions Theory in International Trade](#),” 71:1 (1989), 143–153.  
Topics: Coefficients, Exporters, Trade, Importers, Economic capital, International trade, Income estimates, Statistical estimation, Industrial output, Bilateralism
  4. McDonald, J. F., and R. A. Moffitt, “[The Uses of Tobit Analysis](#),” 62:2 (1980), 318–321.  
Topics: Econometrics, Economic modeling, Economic models, Coefficients, Modeling, Economic value, Labor supply, Expected values, Mathematical dependent variables, Statistical models
  5. Krinsky, I., and A. L. Robb, “[On Approximating the Statistical Properties of Elasticities](#),” 68:4 (1986), 715–719.  
Topics: Cost functions, Simulations, Standard deviation, Linear approximation, Elasticity, Mathematical independent variables, Statistical estimation, Approximation, Statistical properties, Statistical discrepancies
  6. Acs, Z. J., and D. B. Audretsch, “[Innovation, Market Structure, and Firm Size](#),” 69:4 (1987), 567–574.  
Topics: Technological innovation, Product innovation, Industrial market, Business innovation, Consumer goods industries, Industry, Coefficients, Capital intensive industries, Industrial products, Financial market structures
  7. Färe, R., S. Grosskopf, C. A. K. Lovell, and C. Pasurka, “[Multilateral Productivity Comparisons When Some Outputs are Undesirable: A Nonparametric Approach](#),” 71:1 (1989), 90–98.  
Topics: Productivity, Paper mills, Efficiency metrics, Multilateralism, Productive efficiency, Performance metrics, Environmental regulation, Pollutants, Market prices, Papermaking
  8. Bartel, A. P., and F. R. Lichtenberg, “[The Comparative Advantage of Educated Workers in Implementing New Technology](#),” 69:1 (1987), 1–11.  
Topics: Emerging technology, Industrial machinery, Capital stocks, Labor costs, Labor demand, Cost functions, Capital investments, Economic capital, Employment, Education
  9. Polachek, S. W., “[Occupational Self-Selection: A Human Capital Approach to Sex Differences in Occupational Structure](#),” 63:1 (1981), 60–69.  
Topics: Human capital, Workforce, Net income, Sex linked differences, Economic theory, Labor markets, Political economy, International economics, Occupational segregation, Occupations
  10. Clotfelter, C. T., “[Tax Evasion and Tax Rates: An Analysis of Individual Returns](#),” 65:3 (1983), 363–373.  
Topics: Taxes, Adjusted gross income, Tax rates, Taxpaying, Income taxes, Marginal tax rate, Tax evasion, Tax audits, Income estimates, Adjusted gross income

## 1990–1999

1. Bollerslev, T., “Modelling the Coherence in Short-Run Nominal Exchange Rates: A Multivariate Generalized Arch Model,” 72:3 (1990), 498–505.  
Topics: Exchange rates, Economic models, Statistical models, Time series models, Statistical discrepancies, Economic modeling, Applied econometrics, Heteroskedasticity, Applied economics, Parametric models
2. Baxter, M., and R. G. King, “Measuring Business Cycles: Approximate Band-Pass Filters for Economic Time Series,” 81:4 (1999), 575–593.  
Topics: Time series, Economic fluctuations, Approximation, Gross national product, Macroeconomics, Statistical variance, Economic inflation, Phase shift, Frequency response, Economic trends
3. Moulton, B. R., “An Illustration of a Pitfall in Estimating the Effects of Aggregate Variables on Micro Units,” 72:2 (1990), 334–338.  
Topics: Standard error, Coefficients, Statistical estimation, Employment, Estimation bias, Statistical bias, Economic models, Statistical models, Correlations, Variable coefficients
4. Revelt, D., and K. Train, “Mixed Logit with Repeated Choices: Households’ Choices of Appliance Efficiency Level,” 80:4 (1998), 647–657.  
Topics: Sales rebates, Coefficients, Customers, Standard deviation, Simulations, Variable coefficients, Interest rates, Prices, Refrigerators, Modeling
5. Driscoll, J. C., and A. C. Kraay, “Consistent Covariance Matrix Estimation with Spatially Dependent Panel Data,” 80:4 (1998), 549–560.  
Topics: Consistent estimators, Estimators, Standard error, Covariance, Statistical estimation, Heteroskedasticity, Correlations, Time series, Time dependence, Point estimators
6. Banks, J., R. Blundell, and A. Lewbel, “Quadratic Engel Curves and Consumer Demand,” 79:4 (1997), 527–539.  
Topics: Demand, Clothing, Alcohols, Demand curves, Natural logarithms, Commodities, Economic theory, Tax reform, Modeling, International economics
7. Bates, T., “Entrepreneur Human Capital Inputs and Small Business Longevity,” 72:4 (1990), 551–559.  
Topics: Business structures, Small businesses, Economic capital, Bank capital, Equity capital, Start-up firms, Corporate debt, Human capital, Self-employment, Variable coefficients
8. Henderson, R., A. B. Jaffe, and M. Trajtenberg, “Universities as a Source of Commercial Technology: A Detailed Analysis of University Patenting, 1965–1988,” 80:1 (1998), 119–127.  
Topics: Patents, Research universities, Inventions, Technology transfer, Funding, Private sector, Economic research, Truncation, History of technology, Industrial research
9. Lumsdaine, R. L., and D. H. Papell, “Multiple Trend Breaks and the Unit-Root Hypothesis,” 79:2 (1997), 212–218.  
Topics: Gross national product, Critical values, Statistical models, Consumer prices, Money supply, Employment, Economic growth models, Stock prices, Real wages, Industrial production
10. Himmelberg, C. P., and B. C. Petersen, “R & D and Internal Finance: A Panel Study of Small Firms in High-Tech Industries,” 76:1 (1994), 38–51.  
Topics: Financial investments, Cash flow, Finance, Capital investments, Flow coefficients, Capital stocks, Cost estimates, High technology industries, Instrumental variables estimation, Econometrics

## 2000–2009

1. Dehejia, R. H., and S. Wahba, “Propensity Score-Matching Methods for Nonexperimental Causal Studies,” 84:1 (2002), 151–161.  
Topics: Estimation methods, Net income, Calipers, Standard error, Pretreatment, Statistical estimation, Economic statistics, Estimators, Control groups, Estimation bias
2. Wei, S.-J., “How Taxing Is Corruption on International Investors?” 82:1 (2000), 1–11.  
Topics: Host country, Government corruption, Political corruption, Investors, Business corruption, Tax rates, Taxes, Foreign direct investments, Gross domestic product, Foreign investments
3. Imbens, G. W., “Nonparametric Estimation of Average Treatment Effects under Exogeneity: A Review,” 86:1 (2004), 4–29.  
Topics: Estimators, Statistical variance, Estimation methods, Statistical estimation, Consistent estimators, Linear regression, Econometrics, Control groups, Economic statistics, Term weighting
4. Bernard, A. B., and J. B. Jensen, “Why Some Firms Export,” 86:2 (2004), 561–569.  
Topics: Exporters, Industrial plants, Exports, Cost of entry, Sunk costs, Exchange rates, Industrial products, Cost estimates, Plant characteristics, Employment
5. Black, S. E., and L. M. Lynch, “How to Compete: The Impact of Workplace Practices and Information Technology on Productivity,” 83:3 (2001), 434–445.  
Topics: Workplaces, Productivity, Economic capital, Employees, Human resources, Coefficients, Labor productivity, Capital stocks, Labor, Statistical estimation
6. Forni, M., M. Hallin, M. Lippi, and L. Reichlin, “The Generalized Dynamic-Factor Model: Identification and Estimation,” 82:4 (2000), 540–554.  
Topics: Eigenvalues, Spectral energy distribution, Dynamic modeling, Gross domestic product, Macroeconomics, Matrices, Economic models, Statistical variance, Estimators, Infinity
7. Ravn, M. O., and H. Uhlig, “On Adjusting the Hodrick-Prescott Filter for the Frequency of Observations,” 84:2 (2002), 371–376.

Topics: Economic fluctuations, Data smoothing, Economic trends, Monetary theory, Transfer functions, Time series, Statistical variance, Economic research, Aggregation, World wars

8. Brynjolfsson, E., and L. M. Hitt, “[Computing Productivity: Firm-Level Evidence](#),” 85:4 (2003), 793–808.

Topics: Economic capital, Productivity, Personal computers, Industrial productivity, Computer technology, Coefficients, Capital investments, Computer industry, Statistical estimation, Economic growth

9. Lee, J., and M. C. Strazicich, “[Minimum Lagrange Multiplier Unit Root Test with Two Structural Breaks](#),” 85:4 (2003), 1082–1089.

Topics: Root test, Statistical models, Null hypothesis, Critical values, Economic statistics, Time series, Economic models, Economic trends, Simulations, Statistical estimation

10. Griffith, R., S. Redding, and J. Van Reenen, “[Mapping the Two Faces of R&D: Productivity Growth in a Panel of OECD Industries](#),” 86:4 (2004), 883–895.

Topics: Human capital, Coefficients, Technological innovation, Technology transfer, Economic growth models, Productivity growth, Industrial productivity, Economics, Productivity, Emerging technology

## 2010–2017

1. Haltiwanger, J., R. S. Jarmin, and J. Miranda, “[Who Creates Jobs? Small versus Large versus Young](#),” 95:2 (2013), 347–361.

Topics: Business, Management, New business enterprises, Employment statistics, Job vacancies

2. Karlan, D., and M. Valdivia, “[Teaching Entrepreneurship: Impact of Business Training on Microfinance Clients and Institutions](#),” 93:2 (2011), 510–527.

Topics: Business, Bank loans, Credit, Control groups, Profits, Child labor, Meetings, Microfinance, Training, Entrepreneurship

3. Heckman, J. J., and P. A. LaFontaine, “[The American High School Graduation Rate: Trends and Levels](#),” 92:2 (2010), 244–262.

Topics: High school equivalency programs, High schools, Statistical estimation, Graduation rate, School dropouts, Graduations, High school completion rates, Censuses, Hispanics, High school graduates

4. Diamond, A., and J. S. Sekhon, “[Genetic Matching for Estimating Causal Effects: A General Multivariate Matching Method for Achieving Balance in Observational Studies](#),” 95:3 (2013), 932–945.

Topics: Causality, Multivariate analysis, Genetics

5. Dube, A., T. W. Lester, and M. Reich, “[Minimum Wage Effects across State Borders: Estimates Using Contiguous Counties](#),” 92:4 (2010), 945–964.

Topics: Minimum wage, Employment, Net income, Restaurants, Standard error, Private sector, Wages, Statistical estimation, Restaurant industry, Coefficients

6. Topalova, P., and A. Khandelwal, “[Trade Liberalization and Firm Productivity: The Case of India](#),” 93:3 (2011), 995–1009.

Topics: Tariffs, Productivity, Industrial productivity, Trade liberalization, Trade policy, Industrial policy, Tariff reform, Liberalization, Industrial output, Trade protections

7. Blattman, C., and J. Annan, “[The Consequences of Child Soldiering](#),” 92:4 (2010), 882–898.

Topics: Kidnapping, Child soldiers, Psychometrics, Child psychology, Violence, Health outcomes, Net income, Labor markets, Child labor, Civil wars

8. Nunn, N., and D. Puga, “[Ruggedness: The Blessing of Bad Geography in Africa](#),” 94:1 (2012), 20–36.

Topics: Africa, Slave trade, Historical geography, Mathematical models of economic development

9. Neal, D., and D. W. Schanzenbach, “[Left Behind by Design: Proficiency Counts and Test-Based Accountability](#),” 92:2 (2010), 263–283.

Topics: No Child Left Behind Act, Students, Teachers, Summer schools, Test scores, Mathematics education, Mathematics achievement, Mathematics, Disadvantaged schools, Student costs

10. Djankov, S., C. Freund, and C. S. Pham, “[Trading on Time](#),” 92:1 (2010), 166–173.

Topics: Economics, Business, Physical distribution of goods, Cargo handling, Freight forwarders, Exports, International trade