

Syllabus
Advanced Topics in Economic Growth
FALL 2018

(Last update: September 12, 2018)

Instructor: Prof. Yong Wang, yongwang@nsd.pku.edu.cn

Teaching Assistant: Siyu Chen, csynsd@pku.edu.cn

Class Time and Venue: 3:10pm to 6pm, Tuesday, Classroom 308, Teaching Building #3.

Office Hours: by appointment

Guest Lectures:

- [1] Prof. Ping Wang, October 16.
- [2] Prof. Michele Boldrin, November 6, 13
- [3] Prof. Erzo Luttmer, December 11
- [4] Prof. Kiminori Matsuyama, December 12 (Wednesday)

Textbooks:

There is no textbook for this course, but the following are good references.

- [1] Philippe Aghion and Peter Howitt, *The Economics of Growth*, 2009, The MIT Press
- [2] Daron Acemoglu, *Introduction to Modern Economic Growth*, 2009, Princeton University Press
- [3] Robert Barro and Sala-I-Martin, *Economic Growth*, second edition, 2004, McGraw Hill, Inc.

Handbook of Economic Growth published recently are also useful sources for surveys on recent important topics.

Grading and Requirement:

1. Paper Presentations (5%)

Requirement and Format:

- (1) 50-minute slides presentations; at least two slides are on critical comments and suggestions.
- (2) followed by 20-minute open-floor discussions on related papers and research topics.

2. Problem Sets¹ (5% × 3)

Requirement:

(1) You have to finish two mandatory problem sets and one optional ones, the latter of which must be chosen from six research-oriented problem sets provided by the instructor.

(2) For each optional problem set, you could work with one more student and hand in a joint copy of solutions.

- (3) You must type out your solutions.

(4) Feel free to make additional assumptions when you think they are necessary for solving the optional problem sets.

3. Midterm Exam (30%, tentatively scheduled on November 20, 2018)

Requirement and Format: closed-book exam; based on the course materials covered in class

4. Research Proposal (40%, deadline for the written proposal: March 1st, 2019)

Requirement:

(1) It must address a growth topic; within 20 pages (double space), neatly typed; English (preferred) or Chinese.

(2) On December 25, you must first make a formal and brief in-class presentation on your proposal topic and your plan for the written proposal.

(3) I encourage you to develop a proposal based on one of the research-oriented problem sets you have chosen.

5. Attendance and Participation in Class Discussions (10%)

Description of the Course

This PhD course is designed to help students get familiar with, and eventually identify a research topic relate to, several strands of economic growth literature.

¹The problem sets are mostly based on the instructor's ongoing research, but sometimes adapted from the research papers of others.

The course is divided into two parts. In the first part, the instructor will teach several benchmark growth models and also present pertinent research. The second part is to have students each present a research paper assigned by the instructor.

This course is most suitable for econ PhD students who have already taken the first-year PhD courses on micro, macro and econometrics.

1. Structural Change

Surveys:

- Herrendorf, Berthold, Richard Rogerson and Akos Valentinyi, 2014, "Growth and Structural Transformation" Handbook of Economic Growth
- Matsuyama, Kiminori, 2008, "Structural Change," in L. Blume and S. Durlauf, eds., the New Palgrave Dictionary of Economics, 2nd Edition, Palgrave Macmillan.

Topics and Papers:

A. Basics of Structural Change

- *Herrendorf, Berthold, Richard Rogerson and Akos Valentinyi, 2013, "Two Perspectives on Preferences and Structural Transformation", *American Economic Review*, 103(7): 2752-89.
- *Kongsamut, Piyabha, Rebelo, Sergio and Danyang Xie. 2001. "Beyond Balanced Growth." *Review of Economic Studies* 68: 869-882
- *Ngai, L. Rachel, and Christopher A. Passarides. 2007. "Structural Change in a Multi-Sector Model of Growth." *American Economic Review* 97 (January): 429-443

B. Structural Change and Labor Market

- *Ngai, L. Rachel, and Christopher A. Passarides. 2008. "Trends in Hours and Economic Growth", *Review of Economic Dynamics*, volume 11(April): 239-256
- *Richard Rogerson, 2008. "Structural Transformation and the Deterioration of European Labor Market Outcomes," *Journal of Political Economy*, 116(2): 235-259.
- Yong Wang and Xuemin Tang. "Human Capital, Industrial Dynamics and Skill Premium", working paper

C. Structural Change and Aggregate Productivities

- *Caselli, Francesco, and John Coleman. 2001. "The U.S. Structural Transformation and Regional Convergence: A Reinterpretation." *Journal of Political Economy* 109 (June): 584-617.
- *Duarte, Margarida and Diego Restuccia, 2010. "The Role of Structural Transformation in Aggregate Productivity", *Quarterly Journal of Economics*

D. Structural Change and Capital Intensities

- *Daron Acemoglu, and Veronica Guerrieri. 2008. "Capital Deepening and Nonbalanced Economic Growth." *Journal of Political Economy* 116 (June): 467-498.
- *Jiandong Ju, Justin Yifu Lin, and Yong Wang. 2015. "Endowment Structures, Industrial Dynamics, and Economic Growth", *Journal of Monetary Economics*: 244-263

E. Structural Change and Income Effect

- Foellmi and Zweimuller, 2008. "Structural Change, Engel's Consumption Cycles and Kaldor's Facts of Economic Growth", *Journal of Monetary Economics*, 55: 1317-1328.

²Papers marked by asterisks will be taught by the instructor in class.

- Boppart, Timo. 2014. "Structural Change and the Kaldor Facts in a Growth Model with Relative Price Effects and Non-Gorman Preferences", *Econometrica*, 2014
- Laitner, John. 2000. "Structural Change and Economic Growth." *Review of Economic Studies* 67(July): 545-561

F. Structural Change and Service

- *Buera, Francisco J. and Joseph P. Kaboski. 2012 . "The Rise of the Service Economy", *American Economic Review*
- Lee and Wolpin, 2006. "Intersectoral Labor Mobility and the Growth of the Service Sector," *Econometrica* 47: 1-46.
- Autor, David H., and David Dorn. 2013. "The Growth of Low-Skill Service Jobs and the Polarization of the US Labor Market." *American Economic Review*, 103(5): 1553-97.
- Young, Alwyn. 2014. "Structural Transformation, the Mismeasurement of Productivity Growth, and the Cost Disease of Services." *American Economic Review*, 104(11): 3635-67.
- Yong Wang and Justin Yifu Lin, "Industrial Upgrading, Structural Change, and Middle-Income Trap", working in progress

G. Structural Change and Balanced Trade

- *Mastuyama, Kiminori. 2009. "Structural Change in an Interdependent World: A Global View of Manufacturing Decline," *Journal of the European Economic Association*, 7 (April-May): 478-486.
- Uy, Timothy, Kei-Mu Yi and Jing Zhang. 2013. "Structural Transformation in an Open Economy." *Journal of Monetary Economics*

H. Structural Change, Unbalanced Trade, and Balassa-Samuelson Implications

- Kehoe, Tim, Kim J. Ruhl and Joseph B. Steinberg, 2017. "Global Imbalances and Structural Change in the United States", *Journal of Political Economy*.
- Wang, Yong, Jenny Xu, and Xidong Zhu. 2014. "Structural Change, Trade Balance, and Real Exchange Rate: Theory and Applications to China and US", working paper (in progress)
- Michael Sposi, 2012, "Evolving Comparative Advantage, Structural Change, and the Composition of Trade", working paper

I. Others.

- Buera, Francisco J. and Joseph P. Kaboski. 2012. "Scale and the Origins of Structural Change" , *Journal of Economic Theory* 147: 684-712
- Ilyina, Anna and Roberto Samaniego. 2012. "Structural Change and Financing Constraints". *Journal of Monetary Economics* 59(2), March 2012, 166-179.
- *Imbs, Jean, and Romain Wacziarg. 2003. "Stages of Diversification " *American Economic Review*, 93(1): 63-86.
- Bustos, Paula, Bruno Caprettini and Jacopo Ponticelli. 2016. "Agricultural Productivity and Structural Transformation: Evidence from Brazil." *American Economic Review*, 106(6): 1320-65.

- Cao, Kang Hua, Javier A. Birchenall. 2013. "Agricultural Productivity, Structural Change, and Economic Growth in Post-Reform China", *Journal of Development Economics*, 104 (September): 165–180
- Wen-Tai Hsu, Yu Sun, and Yong Wang " Land Misallocation and Structural Transformation", working in progress.

2. International Trade and Economic Growth

Surveys:

- Ventura, Jaume, 2005, "A Global View of Economic Growth", Chapter 22, *Handbook of Economic Growth*.
- Stephen Redding, 2011. "Theories of Heterogeneous Firms and Trade," *Annual Review of Economics*, 3, 77-105.

Topics and Papers

A. Innovation, Imitation, Trade, and Convergence

- *Krugman, Paul. 1979. "A Model of Innovation, Technology Transfer, and the World Distribution of Income." *Journal of Political Economy* 87(April): 253-266
- *Helpman, Elhanan. 1993. "Innovation, Imitation, and Intellectual Property Rights." *Econometrica*, November 1993, 61(6), pp. 1247-1280.
- Young, Alwyn. 1991, "Learning by Doing and the Dynamic Effects of International Trade." *Quarterly Journal of Economics*, 106 (1991): 369-406.
- Rivera-Batiz, Luis A., and Paul M. Romer. 1991. "Economic Integration and Endogenous Growth." *Quarterly Journal of Economics*, 106 (May): 531-55.
- Krugman, P. and A. Venables, 1995. "Globalization and Inequality of Nations," *Quarterly Journal of Economics*, 110, 857–80
- Mastuyama, 2013, "Endogenous Ranking and Equilibrium Lorenz Curve Across (ex ante) Identical Countries," *Econometrica*, 81: 2009-2031.
- Jan Eeckhout and Boyan Jovanovic, 2012, "Occupational Choice and Development", *Journal of Economic Theory* 147: 657–683
- Wang, Yong and Shang-Jin Wei, 2014. "International Trade, Middle Income Trap, and Economic Growth", working in progress

B. Dynamic HO Trade, Factor Accumulation, and Growth

- *Acemoglu D. and J. Ventura, (2002) "The World Income Distribution," *The Quarterly Journal of Economics*, 117.
- * Ventura, Jaume. 1997. "Growth and Interdependence." *Quarterly Journal of Economics*, February: 57-84
- Bajona, Claustre and Timothy J. Kehoe. 2010. "Trade, Growth, and Convergence in a Dynamic Heckscher-Ohlin Model", *Review of Economic Dynamics*, 13 (July): 487-513
- Atkeson, Andrew and Patrik. J. Kehoe, (2000). "Paths of Development for Early- and Late Bloomers in a Dynamic Heckscher-Ohlin Model," *Federal Reserve Bank of Minneapolis Staff Report* 256.
- Nancy L. Stokey. 1996. "Free Trade, Factor Returns, and Factor Accumulation", *Journal of Economic Growth*, 1: 421-447

- Stokey, Nancy L. 1991. "The Volume and Composition of Trade Between Rich and Poor Countries." *Review of Economic Studies*, 58 (1991): 63-80.
- *Yong Wang, 2014, "Industrial Dynamics, International Trade, and Economic Growth," working paper
- Lorenzo Caliendo, 2011, "On the Dynamics of the Heckscher-Ohlin Theory" Yale University Working paper

C. Heterogeneous Firms and Static Trade

- *Jonathan Eaton and Samuel Kortum. 2002. "Technology, Geography, and Trade." *Econometrica*, 70: 1741-1780.
- *Alvarez, Fernando and Lucas, Robert Jr., 2007. "General equilibrium analysis of the Eaton-Kortum model of international trade," *Journal of Monetary Economics*, Elsevier, vol. 54(6): 1726-1768, September.
- Andrew Bernard, Jonathan Eaton, J. Bradford Jensen, and Sameul Kortum, 2003, "Plants and Productivity in International Trade", *American Economic Review*, 93(4), 2003, 1268-1290.
- *Andrew Bernard, Bradford Jensen , Stephen Redding, and Peter Schott, 2007. "Comparative Advantage and Heterogeneous Firms ", *Review of Economic Studies*, 73(1): 31-66.
- *Melitz., Marc J. "The Impact of Trade on Intra-Industry Reallocations and Aggregate Industry Productivity." *Econometrica*, 71 (2003): 1695-1725.
- Melitz, Marc J., and Gianmarco I.P. Ottaviano. 2008. "Market Size, Trade, and Productivity." *Review of Economic Studies*, 75 (January): 295-316.
- Xin Wang, Yong Wang and Wei Xiang. "Trade Liberalization, Vertical Structure and Firm Markups", working in progress

D. Idea Flows, Dynamic Trade, and Growth

- Fernando Alvarez, Francisco Buera, and Robert E. Lucas. 2011. "Idea Flows, Economic Growth, and Trade," University of Chicago, working paper
- Jesse Perla, Christopher Tonetti, and Michael Waugh, 2012, "Equilibrium Technology Diffusion, Trade, and Growth", NYU, working paper
- Jonathan Eaton, Sam Kortum, Brent Neiman, and John Romalis. 2016. "Trade and the Global Recession", *American Economic Review* Vol. 106(11): 3401-3438
- Ghironi, F. and M. J. Melitz (2005), "International Trade and Macroeconomic Dynamics with Heterogeneous Firms," *Quarterly Journal of Economics*, 120, 865-915
- Andrew Atkeson and Ariel Burstein, 2010, "Innovation, Firm Dynamics, and International Trade," *Journal of Political Economy* , Vol. 118, No. 3 (June), pp. 433-484

3 . Heterogeneous Firms, Firm and Industry Dynamics, Economic Growth Surveys:

- Luttmer, Erzo G.J. 2010, "Models of Growth and Firm Heterogeneity," *Annual Reviews of Economics*, Vol. 2, 547-576
- Hugo A. Hopenhayn. 2014, "Firms, Misallocation, and Aggregate Productivity: A Review", *Annual Review of Economics*, Vol. 6: 735-770

Topics and Papers:

- A. Aggregate Growth and Firm Heterogeneity

- *Luttmer, Erzo G.J. 2007. "Selection, Growth, and the Size Distribution of Firms". *Quarterly Journal of Economics*. 122 (August): 1103-44.
- Luttmer, Erzo G.J., 2011, "On the Mechanics of Firm Growth," *The Review of Economic Studies*, Vol. 78, No. 3, 1042-1068
- *Perla, Jesse and Christopher Tonetti, 2013, "Equilibrium Imitation and Growth", *Journal of Political Economy*, forthcoming
- *Ben Moll, and Robert E. Lucas, Jr., 2013, "Knowledge Growth and the Allocation of Time", *Journal of Political Economy*, forthcoming
- Jess Benhabib, Jesse Perla, and Christopher Tonetti, 2014. "The Growth Dynamics of Innovation, Diffusion, and the Technology Frontier", working paper
- *Boyan Jovanovic, 2013, "Misallocation and Growth" *American Economic Review*, forthcoming.
- Charles I. Jones, 2005. "The Shape of Production Functions and the Direction of Technical Change," *Quarterly Journal of Economics* 120(2): 517-549
- Cabral and Mata, 2003, "On the Evolution of the Firm Size Distribution: Facts and Theory," *American Economic Review*, 93(4):1075-1090.
- Arkolakis, 2016, "A Unified Theory of Firm Selection and Growth", forthcoming, *Quarterly Journal of Economics*

B. Product Cycles, Firm Dynamics, and Industry Dynamics

- Grossman, Gene M., and Elhanan Helpman. 1991. "Quality Ladders and Product Cycles." *Quarterly Journal of Economics*, 106 (1991): 617-650
- Hopenhayn, Hugo A, 1992. "Entry, Exit, and Firm Dynamics in Long Run Equilibrium," *Econometrica*, vol. 60(5), pages 1127-50, September.
- Boyan Jovanovic and Saul Lach, 1989. "Entry, Exit, and Diffusion with Learning by Doing", *The American Economic Review*, Vol. 79, No. 4: 690-699
- Boyan Jovanovic and Glenn M. MacDonald, 1994, "The Life Cycle of a Competitive Industry", *Journal of Political Economy* 102 (2): 322-347
- *Rossi-Hansberg, Esteban and Mark Wright. 2007. "Establishment Size Dynamics in the Aggregate Economy" *American Economic Review* Volume 97, Number 5, pp. 1639-1666(28)
- Atkenson, Andrew and Kehoe, Patrick J. "Modeling and Measuring Organization Capital", *Journal of Political Economy*, 2005, 113(5): 1026-1053
- Stokey, Nancy L. 1988. "Learning by Doing and the Introduction of New Goods." *Journal of Political Economy*, 96: 701-717.
- * Wang, Yong. 2014. "Market Structure, Factor Endowment, and Technology Adoption", working paper
- V. V. Chari and Hugo Hopenhayn, 1991. "Vintage Human Capital, Growth, and the Diffusion of New Technology", *Journal of Political Economy*, Vol. 99(6): 1142-1165
- Samaneigo, Roberto, 2010. "Entry, Exit and Investment-Specific Technical Change", *American Economic Review* 100(1): 164-192.
- *Klette and Kortum, 2004, "Innovating Firms and Aggregate Innovation", *Journal of Political Economy*, 112(5): 986-1018.

- Ufuk Akcigit, Murat Alp Celik and Jeremy Greenwood. 2013, "Buy, Keep or Sell: Economic Growth and the Market for Ideas", Working Paper
- Daron Acemoglu, Gino Gancia , and Fabrizio Zilibotti, 2011. "Competing Engines of Growth: Innovation and Standardization", Journal of Economic Theory
- Zhikun Lu and Yong Wang. "Stochastic Growth and Industrial Dynamics", in progress

C. Aggregate TFP and Micro Allocative Efficiency

- *Diego Restuccia and Richard Rogerson, 2008, "Policy Distortions and Aggregate Productivity with Heterogeneous Establishments", Review of Economic Dynamics 11: 707–720
- *Hsieh, Chang-Tai. and Peter Klenow, 2009. "Misallocation and Manufacturing TFP in China and India." Quarterly Journal of Economics. 124 (4): 1403-48.
- Bartelsman, Eric, John Haltiwanger, and Stefano Scarpetta. 2013. "Cross-Country Differences in Productivity: The Role of Allocation and Selection" American Economic Review, 103(1): 305-34.
- Hsieh, Hurst, Jones and Klenow, 2013, "The Allocation of Talent and U.S. Economic Growth", working paper.

D. Spatial Models of Industries and Growth

- Desmet and Rossi-Hansberg, 2009, "Spatial Growth and Industry Age," Journal of Economic Theory, 144(6):2477–2502.
- Lucas and Rossi-Hansberg, 2002, "On the Internal Structure of Cities," Econometrica, 70(4):1445-1476.
- Rossi-Hansberg and Wright, 2007, "Urban Structure and Growth," Review of Economic Studies, 74(2), 597-624.
- Duranton and Puga, 2001, "Nursery Cities: Urban Diversity, Process Innovation, and the Life Cycle of Products," American Economic Review, 91(5):1454-1477.

E. Industry Upgrading and Labor Market Mismatch

- Shimer, Robert. 2007. "Mismatch." American Economic Review, 97(4): 1074-1101.
- Sahin, A., J. Song, G. Topa, and G.L. Violante, 2012. "Mismatch Unemployment," AER, forthcoming.
- McLaughlin, Kenneth and Mark Bils, 2001. "Interindustry Mobility and the Cyclical Upgrading of Labor," Journal of Labor Economics, 19, 94-135.
- Myungkyu Shim and Hee-Seung Yang, 2014. "Interindustry Wage Differentials, Technology Adoption, and Job Polarization", working paper
- Zhe Li and Yong Wang. "Mismatch and Industrial Upgrading", working in progress.
- Yong Wang and Siyu Chen. " Industrial Dynamics, Mismatch and Unemployment", working in progress.

F. Industry Upgrading, Economic Growth, and Optimal Financial Institutions

- Stein, Jeremy. 2002." Information Production and Capital Allocation: Decentralized versus Hierarchical Firms." Journal of Finance LVII, no. 5: 1891-1921
- Bengt Holmström and Jean Tirole, 1998, "Private and Public Supply of Liquidity", Journal of Political Economy, Vol. 106(1):1-40

- Bengt Holmstrom; Jean Tirole. 2007. "Financial Intermediation, Loanable Funds, and the Real Sector." *The Quarterly Journal of Economics*, Vol. 112
- Valerie R. Bencivenga and Bruce D. Smith. 1991. "Financial Intermediation and Endogenous Growth", *Review of Economic Studies*.
- Brunnermeier, Markus K, and Yuliy Sannikov. 2014. "A Macroeconomic Model With A Financial Sector". *American Economic Review* 104(2): 379-421.
- T. Beck, R. Levine, 2002. "Industry Growth and Capital Allocation: Does having a Market- or Bank-Based System Matter?", *Journal of Financial Economics*.

G. Growth, Factor Income Shares, and Income Distribution

Survey: Vincenzo Quadrini and Jose-Victor Rios-Rull, 2014. "Inequality in Macroeconomics" *NH Handbook of Income Distribution*, volume 2B A.B. Atkinson and F.J. Bourguignon (Eds.) Chapter 15

- Gene Grossman, Elhanan Helpman, Ezra Oberfield, and Thomas Sampson, 2017. "Balanced Growth Despite Uzawa", *American Economic Review* 107.
- Helpman, Elhanan, Oleg Itskhoki, Marc-Andreas Muendler, and Stephen J. Redding. 2016. "Trade and Inequality: From Theory to Estimation." *Rev. Econ. Studies*.
- Karabarbounis, Loukas, and Brent Neiman. 2014. "The Global Decline of the Labor Share." *Quarterly Journal of Economics* 129 (1): 61–103.
- *Kiminori Matsuyama, 2002. "The Rise of Mass Consumption Societies," *Journal of Political Economy*, vol. 110(5), pages 1035-1070
- Yong Wang and Zhongkai Shen, "Factor Endowment, Income Distribution and Industrial Upgrading", in progress

4 . Political Economy and Economic Growth

Surveys:

- Pranab Bardhan, 2016, "State and Development: The Need for a Reappraisal of the Current Literature", *Journal of Economic Literature* 54(3), 862–892
- Acemoglu, Daron, 2009, Chapter 22 and Chapter 23 in *Introduction to Modern Economic Growth*, Princeton University Press
- Timothy Besley and Torsten Persson. 2014. "The Causes and Consequences of Development Clusters: State Capacity, Peace, and Income". *Annual Review of Economics*. 927–950.
- Edmund Malesky¹ and Jonathan London. 2014. "The Political Economy of Development in China and Vietnam," *Annual Review of Political Science*. Vol. 17: 395-419

Topics and Papers:

A. Power and Incentives of Government and Economic Development

- Acemoglu, Daron, 2005, "Politics and Economics in Weak and Strong States," *Journal of Monetary Economics*, 52: 1199-1226
- Acemoglu, Daron, Davide Ticchi, Andrea Vindigni, 2011, "Emergence and Persistence of Inefficient States", *Journal of European Economic Association* 9(2): 177-208.
- Besley, Timothy and Torsten Persson. 2009. "The Origins of State Capacity: Property Rights, Taxation, and Policy", *American Economic Review* 99, 1218-1244
- Dixit, Avinash, Grossman, Gene M., Helpman, Elhanan, 1997. "Common Agency and Coordination: General Theory and Application to Government Policy Making". *Journal of Political Economy* 105, 752–769

- Bardhan, Pranab, Mookherjee, Dilip, 2000. "Capture and Governance at Local and National levels." *American Economic Review* 90, 135–139.
- *Yong Wang, 2013, "Fiscal Decentralization, Endogenous Policies, and Foreign Direct Investment: Theory and Evidence from China and India", *Journal of Development Economics* 103: 107-123
- Li, Hongbin & Zhou, Li-An, 2005. "Political turnover and economic performance: the incentive role of personnel control in China," *Journal of Public Economics* 89(9-10):1743-1762.
- Shi-Yuan Pan, Yong Wang and Qi Zhang. "A Political Economy Model of Reforms under Vertical Structure", working in progress

B. Institutions, Technology Adoption, and Growth

- Krusell, Per and Victor Rios-Rull, 1996, "Vested Interests in a Positive Theory of Stagnation and Growth", *Review of Economic Studies*, 63: 301-329
- Acemoglu, Daron, Helpman, Elhanan, Antras, Pol, 2007. "Contracts and Technology Adoption". *American Economic Review* 97, 916–943.
- Edward C. Prescott & Stephen L. Parente, 1999. "Monopoly Rights: A Barrier to Riches," *American Economic Review*, vol. 89(5): 1216-1233, December.
- *Acemoglu, Daron, Philippe Aghion, and Fabrizio Zilibotti. 2006. "Distance to Frontier, Selection, and Economic Growth", *Journal of the European Economic Association*, 4: 37-74.

5. Market Failures, Industrial Policies, and Economic Growth

Surveys:

- Harrison, Ann and Andres Rodriguez-Clare. 2009. "Trade, Foreign Investment, and Industrial Policies for Developing Countries." Manuscript prepared for *Handbook of Development Economics*. edited by Dani Rodrik
- Justin Yifu Lin and Celestin Monge, 2010. "Growth identification and facilitation: the role of the state in the dynamics of structural change", Policy Research Working Paper #5313, World Bank
- Rodrik, Dani, 2008, "*Normalizing Industrial Policies*", Washington, DC. World Bank Press
- Philippe Aghion and Alexandra Roulet. 2014. "Growth and the Smart State". *Annual Review of Economics*. 913-926.

Papers:

- Krugman, Paul. 1987. "The Narrow Moving Band, The Dutch Disease, and The Competitive Consequences of Mrs. Thatcher". *Journal of Development Economics* 27: 41-55
- Krugman, Paul. 1991. "History Versus Expectations", *Quarterly Journal of Economics* 106(2): 651-667
- Rodriguez-Clare, Andres, 2007. "Clusters and Comparative Advantage: Implications for Industrial Policy," *Journal of Development Economics* 82: 43-57
- Murphy, Kevin M.; Andrei Shleifer and Robert W. Vishny, 1989. "Industrialization and Big Push". *Journal of Political Economy*, 97(5): 1003-1026
- Murphy, Kevin M & Shleifer, Andrei & Vishny, Robert W, 1989. "Income Distribution, Market Size, and Industrialization," *The Quarterly Journal of Economics*, MIT Press, vol. 104(3), pages 537-64, August.

- Rodrik, Dani, 1996. "Coordination Failures and Government Policy: A Model with Applications to East Asia and Eastern Europe", *Journal of International Economics* 40: 1-22
- Hausmann, Ricardo & Rodrik, Dani, 2003. "Economic Development as Self-Discovery," *Journal of Development Economics*, vol. 72(2), pages 603-633, December.
- Mikhail M. Klimenko, 2004. "Industrial Targeting, Experimentation, and Long-Run Specialization", *Journal of Development Economics* 73: 75 – 105
- Melitz, Marc J., 2005. "When and How should Infant Industries be Protected?" *Journal of International Economics*, 66(1): 177–196.
- Ederington, Josh and Philip McCalman. 2011. " Infant Industry Protection and Industry Dynamics", *Journal of International Economics* 84: 37–47.
- Aghion, Philippe, Dewatripont, Mathias, Du, Luosha, Harrison, Ann E. E. and Legros, Patrick, 2012. "Industrial Policy and Competition." *AEJ: Policy*
- Francisco J. Buera, Ben Moll, and Yongseok Shin, 2013. "Well-Intended Policies", *Review of Economic Dynamics*, Vol. 16, No. 1,
- Oleg Itskhoki and Ben Moll, 2014. "Optimal Development Policies with Financial Frictions", Princeton University, working paper
- Daron Acemoglu, Ufuk Akcigit, Nicholas Bloom and William Kerr, 2013, "Innovation, Reallocation and Growth", NBER Working Paper #18993
- *Ju Jiandong , Justin Yifu Lin, Yong Wang. 2011. "Marshallian Externality, Industrial Upgrading, and Industrial Policies", world bank working paper

6. Macro and Growth of China

Surveys:

- Zhu, Xiaodong, 2012, "Understanding China's Growth: Past, Present and Future", *Journal of Economic Perspectives*.
- Kjetil Storesletten, and Fabrizio Zilibotti. 2014. "China's Great Convergence and Beyond." *Annual Review of Economics* 6: 333-362.
- Chenggang Xu, 2011, "The Fundamental Institutions of China's Reforms and Development," *The Journal of Economic Literature* 49(4), 1076-1151.

Topics and Papers:

A. Aggregate Growth and Productivities

- Alwyn Young, 2003, "Gold into Base Metals: Productivity Growth in the People's Republic of China during the Reform Period." *Journal of Political Economy* 111 (December): 1220-1261.
- Alwyn Young, 2000, "The Razor's Edge: Distortions and Incremental Reform in the People's Republic of China." *Quarterly Journal of Economics* 115 (November): 1091-1135.
- Loren Brandt and Xiaodong Zhu, 2010, "Accounting for China's Growth", University of Toronto Working Paper No. 394.
- *Loren Brandt, Johannes Van Biesebroeck, Yifan Zhang, 2012, "Creative Accounting or Creative Destruction: Firm Level Productivity Growth in Chinese Manufacturing", *Journal of Development Economics* 97 (2): 339–351.
- Loren Brandt, Johannes Van Biesebroeck, Luhang Wang and Yifan Zhang. 2017. "WTO Accession and Performance of Chinese Manufacturing Firms", *American Economic Review* 107 (9)

B. Factor Markets and Distortions

- Loren Brandt and Trevor Tombe and Xiaodng Zhu, 2013, "Factor Market Distortions across Time, Space, and Sectors in China", *Review of Economic Dynamics* vol. 16(1) :39-58
- Ge, Suqin and Dennis Yang, 2014, "Changes in China's Wage Structure," *Journal of European Economic Association*.
- Yuk-Shing Cheng and Kim-Sau Chung, 2017. " Designing Property Rights over Land in Rural China", *Economic Journal*, forthcoming
- Trevor Tombe and Xiaodong Zhu, 2015. "Trade, Migration and Productivity: A Quantitative Analysis of China", University of Toronto Working Paper No. 542. R&R at the *American Economic Review*.

C. SOEs, State Capitalism and Economic Growth

- *Song, Zheng, Kjetil Storesletten, and Fabrizio Zilibotti. 2011. "Growing Like China." *American Economic Review*, 101(1): 196-233.
- *Xi Li, Xuewen Liu, and Yong Wang, 2012. "A Model of China's State Capitalism", working paper
- Wang, H., H. Wang, L. Wang, and H. Zhou, 2016. "Shadow Banking: China's Dual-Track Interest Rate Liberalization," Unfinished Manuscript, Tsinghua University.
- Mengqi Wang and Yong Wang. 2017. "Vertical Structure and Firm Innovation", in progress

D. Dynamic Models of Reform

- Che, Jiahua. 2009. "A Dynamic Model of Privatization with Endogenous Post-Privatization Performance", *Review of Economic Studies* Volume 76, April, 563-596
- *Wang, Yong, 2015, "A Model of Sequential Reforms and Economic Convergence: The Case of China", *China Economic Review* 32: 1-26

E. Demographics and Saving Behavior:

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