

# Yibai Yang

E21-3033  
Humanities and Social Sciences Building  
Department of Economics  
Faculty of Social Sciences  
University of Macau  
Avenida da Universidade  
Taipa, Macao, China

Email: yibai.yang@hotmail.com  
Phone: +853 8822 8917  
Homepage: <http://yibaiyang.weebly.com/>  
Gender/Birth Year: Male/1983  
Nationality: Chinese  
Place of Birth: Shunde, Guangdong

## *Professional Experience*

Assistant Professor, Department of Economics, University of Macau, 08/2017–present.  
Assistant Professor, School of Economics, University of Nottingham Ningbo China, 09/2013–07/2017.  
Research Associate, Business School and School of Economics, University of Sydney, 05/2012–06/2013.

## *Other Professional Positions*

Associate Research Fellow, Zhuhai UM Science & Technology Research Institute, 01/2020–present.  
Visiting Scholar, Lingnan (University) College, Sun Yat-sen University, 01/2020.  
Visiting Scholar, Department of Economics, Macquarie University, 07/2019.  
Visiting Scholar, School of Economics, University of Sydney, 07/2016, 07/2019.  
Visiting Scholar, Institute of Economics, Academia Sinica, 06/2016.  
Associate Fellow of The Higher Education Academy, 06/2016–present.  
Visiting Fellow, Management School, University of Liverpool, 07/2015.

## *Education*

Ph.D. in Economics (Highest Distinction), University of Sydney, 12/2012,  
*Title of Thesis:* "Economic Growth under Endogenous Technological Change and Time Preference: Empirical Evidence from Selected OECD Countries".  
Master of Economics (Honours Class I), University of Sydney, 05/2008.  
Bachelor of Commerce (Economics), University of Canterbury, 12/2006.

## *Fields of Interest*

Economic Growth, Innovation, Intellectual Property Rights, Monetary Economics, and Fiscal Policy.

## *Publication*

### **Publication in Journals**

1. Inflation and Growth: A Non-Monotonic Relationship in an Innovation-Driven Economy  
*Macroeconomic Dynamics*, 2021, 25(5), pp.1199-1226 (with Chien-Yu Huang and Zhijie Zheng).
2. Welfare Effects of Patent Protection in a Growth Model with R&D and Capital Accumulation  
*Macroeconomic Dynamics*, 2021, 25(2), pp.579-602.
3. Patent Protection, Innovation, and Technology Transfer in a Schumpeterian Economy  
*European Economic Review*, 2020, 129, 103531 (with Chien-Yu Huang and Zhijie Zheng).

4. Inflation and Income Inequality in a Variety-Expansion Growth Model with Menu Costs  
*Economics Letters*, 2020, 194, 109373 (with Mishra Tapas and Zhijie Zheng).
5. On the Optimality of IPR Protection with Blocking Patents  
*Review of Economic Dynamics*, 2018, 27, pp.205-230.
6. The Growth and Welfare Analysis of Patent and Monetary Policies in a Schumpeterian Economy  
*International Review of Economics and Finance*, 2017, 52, pp.409-426 (with Chien-Yu Huang and Chu-Chuan Cheng).
7. Domestic R&D, Foreign Direct Investment, and Welfare  
*Review of Development Economics*, 2015, 19(4), pp.908-924.
8. The Impact of Resale on Entry in Second Price Auctions  
*Mathematical Social Sciences*, 2013, 66(2), pp.163-168 (with Xiaogang Che and Peter Lee).
9. Optimal Patent Policy, Research Joint Ventures, and Growth  
*Economics Letters*, 2013, 118(2), pp.381-384.
10. Patent Protection with a Cooperative R&D Option  
*Economics Letters*, 2012, 116(3), pp.469-471 (with Xiaogang Che).

### Publication in Chinese

1. Tax Burden, R&D Subsidies and Innovation-Driven Long-Term Economic Growth  
*Economic Research Journal 《经济研究》*, May 2021 (with Yuelin Liu).

### Chapters in Books

Major Factors Behind Regional Disparity of Economic Growth in China During 1996-2010, in *Inclusive Growth and Development in the 21st Century: A Structural and Institutional Analysis of China and India*, World Scientific Publishing Co. (with Dilip Dutta).

### Working Papers

1. The Non-Monotonic Effect of Taxation on Economic Growth in a Schumpeterian Model.  
(with Ruiyang Hu, Xi Wan, and Zhijie Zheng). *in submission*
2. Inflation, Endogenous Quality Increment, and Economic Growth.  
(with Ruiyang Hu and Zhijie Zheng). *revise and resubmit at Mathematical Social Sciences*
3. Patent Protection and Income Inequality in a Model with Two Growth Engines  
(with Ruiyang Hu and Zhijie Zheng). *in submission*
4. Monetary Policy in a Schumpeterian Growth Model with Two R&D Sectors  
(with Chien-Yu Huang, Youchang Wu, and Zhijie Zheng). *revise and resubmit at Journal of Money, Credit and Banking*
5. Effects of Subsidies on Growth and Welfare in a Quality-Ladder Growth Model with Elastic Labor  
(with Ruiyang Hu and Zhijie Zheng). *under review*
6. Environmental Regulation Stringency and Allocation between R&D and Physical Capital:  
A Two-Engine Growth Model (with Juin-Jen Chang and Chien-Yu Huang). *in submission*
7. Optimal R&D Subsidies in a Two-Sector Quality-Ladder Growth Model  
(with Dilip Dutta, Tapas Mishra, and Zhijie Zheng).

### Work in Progress

Taxation and Inequality in a Schumpeterian Growth Model with Endogenous Market Structure.

Inflation and Income Inequality in an Open Economy.

Optimal R&D Subsidies in an Open Economy with Elastic Labor.

Nonlinear Effects of Patent Protection on Economic Growth in a Model with Heterogeneous Agents.

Inflation, Innovation, and Technology Transfer in an Open Economy with Variety Expansion.  
 Blocking Patents, Rent Protection, and Economic Growth.  
 Factor Income Taxation in an R&D-Based Growth Model.

### *Teaching Experience*

Advanced Topics in Economic Theory, University of Macau, 2017-2018, 2019-2020.  
 Mathematics II, University of Macau, 2018-2019, 2019-2020.  
 Mathematics I, University of Macau, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022.  
 Macroeconomic Theory, University of Nottingham Ningbo China, 2016-2017.  
 Advanced Macroeconomics, University of Nottingham Ningbo China, 2016-2017.  
 Industrial Organisation, University of Nottingham Ningbo China, 2013-2014, 2014-2015, 2015-2016.  
 Microeconomic Theory, University of Nottingham Ningbo China, 2013-2014, 2014-2015, 2015-2016.

### *Scholarships and Awards*

Emerging Scholar Award, Faculty of Social Sciences, University of Macau, 2019-2020.  
 Startup Research Grant, University of Macau, 2017-2020 (Amount: MOP150,000).  
 Small Research Grants, University of Nottingham Ningbo China, 2014-2016.  
 Walter Noel Gillies Prize for Best PhD Thesis in Economics, University of Sydney, 2012  
 PreDoc Funding Award, University of Sydney Business School, 2012.  
 Tuition Faculty Research Scholarship, University of Sydney, 2008-2010.  
 Jing-shu Ji Prize, Faculty of Economics and Business, University of Sydney, 2007.

### *Presentations (completed and scheduled)*

**2021:** CICM (Beijing), BNU-HKBU United International College.  
**2019:** Macau University of Science and Technology, Lingnan Macroeconomic Meeting (Guangzhou), ESAM (Perth).  
**2018:** CEC Seminar (Zhuhai), Nanjing Audit University, Fudan University, WCERE (Gothenburg), GEP-China Workshop (Ningbo), Sun Yat-sen University.  
**2017:** Lingnan Macroeconomic Meeting (Guangzhou), CMES (Wuhan), HenU/INFER Workshop on Applied Macroeconomics (Kaifeng).  
**2016:** University of Macau, DEGIT (Nottingham), GTD Conference (Taipei), CES Conference (Shenzhen).  
**2015:** Zhejiang University, Southwestern University of Finance and Economics.  
**2014:** Shanghai University of Finance and Economics, ESAM (Hobart), CMES (Xiamen), CES Conference (Guangzhou), CTRG Meeting (Chengdu).  
**2013:** GEP China Conference (Ningbo), Guangdong University of Foreign Studies.  
**2012:** ESAM (Melbourne).  
**2011:** ACE (Canberra), CEA Conference (Ottawa), Midwest Macroeconomics Meetings (Nashville).  
**2010:** International Conference on Applied Business & Economics (A Cornūa), EARIE Conference (Istanbul), Socio-Economic & Political Analysis of Contemporary China & India (Sydney).  
**2009:** Macquarie University.

### *Departmental Services*

PhD Coordinator, School of Economics, University of Nottingham Ningbo China, 09/2013–07/2017.

Organizer of GEP China Seminars, University of Nottingham Ningbo China, 09/2013–07/2017.

### *Doctoral Supervision*

Supervisor of Ut Meng Ho, University of Macau.

Graduation: 2023.

Co-Supervisor of Ayana Zewdie Workneh, University of Macau.

Graduation: 2022.

External Supervisor of Zhijie Zheng, Southwestern University of Finance and Economics.

Graduation: 2019. Current Position: Postdoctoral Fellow at Beijing Normal University at Zhuhai.

### *Referee Services*

*Applied Economics, Applied Economics Letters, British Journal of Management, Bulletin of Economic Research, Canadian Journal of Economics, Economics Bulletin, Economic Modelling, Economic Theory, International Economic Review, International Journal of Development Issues, International Review of Economics and Finance, International Tax and Public Finance, Journal of Economic Theory, Journal of Money, Credit and Banking, Macroeconomic Dynamics, Review of Development Economics, Review of Economic Dynamics.*

### *External Review Services*

BNU-HKBU United International College (Research Grants Application Assessment).

### *Skills*

**Software:** Mathematica, Stata, L<sup>A</sup>T<sub>E</sub>X.

**Languages:** Cantonese (native), Mandarin (native), English (fluent).

### *References*

Available upon request.