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Personal:

Date of Birth: December 8, 1980
Family: Married with two sons

Educational Backgrounds:

B.A. in Management, Zhongnan University of Economics & Law, Wuhan, 2003
M.A. in Management Science, Hunan University, Changsha, 2005
Ph.D. in Econometrics, Huazhong University of Science & Technology, Wuhan, 2013

Positions/Affiliations:

2017.03- present: Professor, Hunan Normal University, China
2014.12-2017.02: Associate professor, Hunan Normal University, China
2008.12-2014.11: Lecturer, Hunan Normal University, China
2006.07-2008.11: Assistant, Hunan Normal University, China
2014.07-present: Research Fellow, Collaborative Innovation Center for Energy Economics and Energy Policy/China Institute for Studies in Energy Policy, Xiamen University, China
2016.06-present: Research Fellow, Center for Electric Pricing Research, Changsha University of Science and Technology, China
2018.01- present: Research Fellow, Collaborative Innovation Center for Energy Economics in Shandong Province/Coal Economy Academy, Shandong Technology and Business University, China

Teaching:

Graduate: Introduction to Econometrics, Management decision analysis
Undergraduate: Advanced Econometrics, Energy and Environmental Economics

Publications:

1. Zhi-Yong Kang, **Ke Li***, Jianying Qu. The path of Technological progress for China's Low-carbon Development: Evidence from Three Urban Agglomerations. *Journal of Cleaner Production*, 2018, 178: 644-654.
2. Pinrong Jia, **Ke Li**, Shuai Shao. Choice of technological change for China's low-carbon development: Evidence from three urban agglomerations, *Journal of Environmental Management*, 2018, 206: 1308-1319.
3. **Ke Li**, Boqiang Lin. How to promote energy efficiency through technological progress in China? *Energy*, 2018, 143: 812-821.
4. Yiqing Zhang, Chuangeng Liu, **Ke Li***, Yong Zhou. Strategy on China's Regional Coal Consumption Control: A Case Study of Shandong Province, *Energy Policy*, 2018, 112: 316-327.
5. Yanchun Yi, Sisi Ma, Weijun Guan, **Ke Li***. An Empirical Study on the Relationship between Urban Spatial Form and CO₂ in Chinese Cities, *Sustainability*, 2017, 9(4):672-684.
6. **Ke Li**, Boqiang Lin. An application of a double bootstrap to investigate the effects of technological progress on total-factor energy consumption performance in China, *Energy*, 2017, 128: 575-585.
7. **Ke Li**, Boqiang Lin. Economic growth model, structural transformation, and green productivity in China, *Applied Energy*, 2017, 187: 489-500.
8. **Ke Li**, Ning Zhang, Yanchu Liu. The energy rebound effects across China's industrial sectors: an output distance function approach, *Applied Energy*, 2016, 184: 1165-1175.
9. **Ke Li**, Zhujun Jiang. The Impacts of Removing Energy Subsidies on Economy-wide Rebound Effects in China: an Input-output Analysis, *Energy Policy*, 2016, 98: 62-72.
10. **Ke Li**, Malin Song. Green development performance in China: a metafrontier non-radial approach, *Sustainability*, 2016, 8(3): 219-240.
11. Wei Zhang, Dequn Zhou, Wenrui Zhang, Hui Gao, **Ke Li***. Decomposition of intensity of energy-related CO₂ emission in Chinese provinces using the LMDI method, *Energy Policy*, 2016, 92: 369-381. **ESI hot paper**
12. **Ke Li**, Boqiang Lin. China's strategy for carbon intensity mitigation pledge for

- 2020: evidence from a threshold cointegration model combined with monte-Carlo simulation methods, *Journal of Cleaner Production*, 2016,118: 37-47.
13. **Ke Li**, Boqiang Lin. Impact of energy-conservation policies on the green productivity in China's manufacturing sectors: Evidence from a three-stage DEA model, *Applied Energy*, 2016, 168: 351-363. **ESI highly cited paper, awarded 2016 highly cited original paper by Applied Energy, awarded for most cited energy article from China by Elsevier.**
 14. **Ke Li**, Boqiang Lin. Heterogeneity analysis of the effects of technology progress on carbon intensity in China, *International Journal of Climate Change Strategies and Management*, 2016, 8(1): 129-152.
 15. **Ke Li**, Boqiang Lin. Impact of energy technology patents in China: Evidence from a panel cointegration and error correction model, *Energy Policy*, 2016, 89: 214-223.
 16. **Ke Li**, Boqiang Lin. How policy strategies affect clean coal technology innovation in China? A patent-based approach, *Energy and Environment*, 2015, 26(6&7): 1015-1033.
 17. **Ke Li**, Boqiang Lin. Measuring green productivity growth of Chinese industrial sectors during 1998-2011, *China Economic Review*, 2015, 36: 279-295.
 18. **Ke Li**, Boqiang Lin. Impacts of urbanization and industrialization on energy consumption/CO₂ emissions: Does the level of development matter?, *Renewable & Sustainable Energy Reviews*, 2015, 52: 1107-22. **ESI hot paper**
 19. **Ke Li**, Boqiang Lin. Heterogeneity in rebound effects: Estimated results and impact of China's fossil-fuel subsidies, *Applied Energy*, 2015, 149: 148-160.
 20. **Ke Li**, Boqiang Lin. The efficiency improvement potential for coal, oil and electricity in China's manufacturing sectors, *Energy*, 2015, 86: 403-413.
 21. **Ke Li**, Boqiang Lin. Improvement gap in energy intensity: Analysis of China's thirty provincial data using the improved DEA model, *Energy*, 2015, 84: 589-599.
 22. **Ke Li**, Boqiang Lin. Metafrontier energy efficiency with CO₂ emissions and its convergence analysis for China, *Energy Economics*, 2015, 48: 230-241. **ESI hot paper**
 23. **Ke Li**, Boqiang Lin. How does administrative pricing affect energy consumption and CO₂ emissions in China?, *Renewable & Sustainable Energy Reviews*, 2015, 42: 952-962.
 24. **Ke Li**, Boqiang Lin. The nonlinear impacts of industrial structure on China's energy intensity, *Energy*, 2014, 69: 258-265.

Journal Review:

Referee for (partial list): Applied Energy, Carbon Management, China Economic Review, Energy, Energy Efficiency, Energy Policy, Journal of Cleaner Production, Science of the Total Environment, Sustainability, Technological Forecasting & Social Change, and so on.