# Zhang Chi

## Personal Information

Birthday     1993.06

Gender       Femae

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## Education

2014.09-2019.06     **PhD**, Hefei University of Technology, Management Science and Engineering

2017.09-2018.09     **Joint PhD**, National University of Singapore

2010.09-2014.07     **Bachelor**, Donghua University, Statistics

## Research Interests

Energy Economics and Policy

Energy Efficiency and Climate Change

Economic Growth and the Environment

## Selected Publications

**Zhang C**, Zhou K, Yang S, et al. On electricity consumption and economic growth in China. *Renewable and Sustainable Energy Reviews*, 2017, 76: 353-368. (SCI)

**Zhang C**, Zhou K, Yang S, et al. Exploring the transformation and upgrading of China's economy using electricity consumption data: A VAR-VEC based model. *Physica A: Statistical Mechanics and its Applications*, 2017, 473: 144-155. (SCI)

**Zhang C**, Su B, Zhou K, et al. Analysis of electricity consumption (1990-2016) using index decomposition and decoupling approach. *Journal of Cleaner Production,* 2019, 209: 224-235. (SCI)

**Zhang C**, Su B, Zhou K, et al. Decomposition analysis of China's $CO_2$ emissions

(2000-2016) and scenario analysis of its carbon intensity targets in 2020 and 2030. *Science of the Total Environment,* 2019, 668: 432-442. (SCI)

Guo, Z, Zhou K, **Zhang C**, et al. Residential electricity consumption behavior: Influencing factors, related theories and intervention strategies. *Renewable and Sustainable Energy Reviews*, 2018, 81: 399-412. (SCI)

Lu, X, Zhou K, **Zhang C**, et al. Optimal load dispatch for industrial manufacturing process based on demand response in a smart grid." *Journal of Renewable and Sustainable Energy*, 2018, 10(3): 035503. (SCI)

## Project Experience

National Natural Science Foundation of China (71501056). Demand response strategies based on residential electricity consumption behavior characteristics in a smart grid environment. Jan, 2016-Dec, 2018.

Anhui Provincial Natural Science Foundation Program (1608085QG165). Pattern mining and service strategies of residential electricity consumption toward smart energy. Jul, 2016-Jun, 2018.

Anhui Provincial Philosophy and Social Science Planning Project (AHSKQ2015D42). Study on the mechanism of green manufacturing industry development in Anhui under the background of "Internet + manufacturing". Nov, 2015-Dec, 2017.

Fundamental Research Funds for the Central Universities (JZ2016HGTB0728). Big data driven behavior decision making methods. May, 2016-Dec, 2017.

## Language

Mother Language (Chinese)

English Level (Fluent)

## Academic Services

Reviewer of *Journal of Cleaner Production*, *Physica A: Statistical Mechanics and its Applications*.