

Shenghui Zhang 张生辉

PhD Student

E-mail : zhang.shenghui@connect.umac.mo

Education

- PhD of Computer Science and Technology
Macau University, Macau 2020.09 – NOW
- Master of Applied Statistics
Lanzhou University, Lanzhou 2017.09 – 2019.06
- Bachelor of Mathematics and Applied Mathematics
Chongqing Jiaotong University, Chongqing 2011.09 – 2015.06

Projects

- Participated in many Natural and Social Sciences projects, including the National Major Project " Economic Loss Assessment and Preventive Measures of Haze Pollution in the Big Data" and Western Project of the National Social Science Foundation of China

Research Interests

- Reinforcement learning;
- Time series forecast;
- Artificial neural networks

Selected Awards & Honors

- Guided two teams to participate in the 35th Mathematical Contest In Modeling and won two Successful Participants, Feb. 2019
- Lanzhou University Second-Class Scholarship, Sep. 2017

Publications

- **Zhang, S.**, Wang, J. & Guo, Z. Research on combined model based on multi-objective optimization and application in time series forecast. *Soft Comput* (2018). <https://doi.org/10.1007/s00500-018-03690-w> (IF=2.367)
- Liu, Y.; **Zhang, S.**; Chen, X.; Wang, J. Artificial Combined Model Based on Hybrid Nonlinear Neural Network Models and Statistics Linear Models—Research and Application for Wind Speed Forecasting. *Sustainability* 2018, 10, 4601 (IF=2.057).
- **Zhang, S.**; Liu, Y.; Wang, J.; Wang, C. Research on Combined Model Based on Multi-Objective Optimization and Application in Wind Speed Forecast. *Appl. Sci.* 2019, 9, 423 (IF=1.689).
- Fu, T., **Zhang, S.** & Wang, C. Application and research for electricity price forecasting system based on multi-objective optimization and sub-models selection strategy. *Soft Comput* 24, 15611–15637 (2020). <https://doi.org/10.1007/s00500-020-04888-7> (IF=2.367)

Academic Services

- Reviewer of *European Journal of Operational*