Yanhai Xiong, Haipeng Chen, Mengchen Zhao, Bo An. **HogRider: Champion agent of Microsoft Malmo collaborative AI challenge**. *Proceedings of the 32nd AAAI Conference on Artificial Intelligence (****AAAI'18****)*, accepted.

Haipeng Chen, Bo An, Guni Sharon, Josiah Hanna, Peter Stone, Chunyan Miao, Yeng Chai Soh. **DyETC: Dynamic electronic toll collection for traffic congestion alleviation**. *Proceedings of the 32nd AAAI Conference on Artificial Intelligence (****AAAI'18****)*, accepted.

Haipeng Chen, Bo An, Dusit Niyato, Yengchai Soh, Chunyan Miao. **Workload factoring and resource sharing via joint vertical and horizontal cloud federation networks**. *IEEE Journal on Selected Areas in Communications*, Vol.35, No.3, pp.557-570, 2017.

Bo An, Haipeng Chen, Noseong Park, V.S. Subrahmanian. **Data-driven frequency-based airline profit maximization**. *ACM Transactions on Intelligent Systems and Technology*, Vol.8, No.4, Article 61, 2017.

Bo An, Haipeng Chen, Noseong Park, V.S. Subrahmanian. **MAP: Frequency-based maximization of airline profits based on an ensemble forecasting approach**. *Proceedings of the 22nd ACM SIGKDD Conference on Knowledge Discovery and Data (****KDD'16****)*, pp.421-430.