

## 5 Representative Papers

- **S. Wang**, J. Yang, and S. Bi, "Adaptive Video Streaming in Multi-Tier Computing Networks: Joint Edge Transcoding and Client Enhancement," accepted by IEEE Transactions on Mobile Computing. [\[Github\]](#)
- **S. Wang**, S. Bi, and Y. J. A. Zhang, "Edge Video Analytics with Adaptive Information Gathering: A Deep Reinforcement Learning Approach," accepted by IEEE Transactions on Wireless Communications. [\[Github\]](#)
- **S. Wang**, S. Bi and Y. -J. A. Zhang, "Deep Reinforcement Learning With Communication Transformer for Adaptive Live Streaming in Wireless Edge Networks," in IEEE Journal on Selected Areas in Communications, vol. 40, no. 1, pp. 308-322, Jan. 2022. [\[PDF\]](#)[\[Github\]](#)
- **S. Wang**, S. Bi, and Y. J. Zhang, "Adaptive Wireless Video Streaming: Joint Transcoding and Transmission Resource Allocation," in IEEE Transactions on Wireless Communications, vol. 21, no. 5, pp. 3208-3221, May 2022. [\[PDF\]](#)[\[Github\]](#)
- **S. Wang**, S. Bi, and Y. J. Zhang, "Locational detection of false data injection attack in smart grid: a multi-label classification approach," IEEE Internet of Things Journal, vol. 7, no. 9, pp. 8218-8227, Sept. 2020.[\[Github\]](#)