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- **Research directions:**
  - **Control theory and applications**
  - **Smart grid operation optimization**
  - **Decentralized energy transaction**



### ◆ 代表性成果及介绍：

- [1] “Blockchain enabled P2P electricity transactions in active-energy-agent community of next generation smart grid ” , General Program of NSFC (No.61973238), 2020-2023.
- [2] “Information fusion management for the profit-chasing behavior of virtual power plants in future smart grid” , Youth Program of NSFC (No.71401125), 2015-2017.
- [3] Applied Intelligence, 2020, 51(4): 8928-8944.
- [4] Advanced Technology of Electrical Engineering and Energy, 2020, 39(1): 12-21. (in Chinese)
- [4] IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46(5): 706-712.
- [5] IEEE Transactions on Power Systems, 2014, 29(4): 1522-1535.

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