Research Interest

- 1. Computer Network Security
 - Moving target defense based on mobile IPv6
 - Computer network worm propagation modeling
 - Quantum authentication protocols
 - Hardware implementation of cryptography algorithms
- 2. Mobile ad hoc networks, sensor networks, and vehicular networks
 - Design of routing algorithms
 - Route maintenance
 - Key management in routing
 - Secure routing
 - Homomorphic encryption
- 3. Blockchain and cryptocurrency
 - Key management
 - data structure

For details, refer to his publication list.