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Profile

Associate professor and Master's Supervisor at East China University of Science and Technology. He has presided over multiple national and provincial level science and technology research projects, including the National Natural Science Foundation of China, the China Postdoctoral Fund, and the Shanghai Science and Technology Action Plan. The relevant achievements have won the first and second prizes of the Shanghai Science and Technology Progress Award, the Shanghai Industry University Research Cooperation Excellent Project Award, the China International Industrial Expo China University Exhibition Area Excellent Exhibition Award, and so on. In the relevant research field, over 30 papers have been published in the past 5 years, and 6 national invention patents and more than 10 software copyrights have been obtained.

Research Field

1. Intelligent computing and cloud computing
2. Big data and IoT technology
3. Intelligent Robots and Embedded Systems

Research results and main published thesis

- [1] Weichao Ding, Fei Luo, Chunhua Gu, Zhimin Dai and Haifeng Lu. A Multi-Agent Meta-Based Task Offloading Strategy for Mobile Edge Computing. IEEE Transactions on Cognitive and Developmental Systems, doi: 10.1109/TCDS.2023.3246107.
- [2] Fei Luo, Shuai Zheng, Weichao Ding, Joel Fuentes and Yong Li. An Edge Server Placement Method Based on Reinforcement Learning, Entropy 2022, 24(3), 317; <https://doi.org/10.3390/e24030317>
- [3] Ting Yang, Fei Luo, Joel Fuentes, Weichao Ding, Chunhua Gu. A Flexible Reinforced Bin Packing Framework with Automatic Slack Selection. (May 2021) Mathematical Problems in Engineering 2021(1):1-15. DOI:10.1155/2021/6653586
- [4] Fei Luo, Cheng Chen, Joel Fuentes. An Improved Chemical Reaction Optimization Algorithm for Solving the Shortest Common Supersequence Problem, Computational Biology and Chemistry, 2020, WOS:000591245400001 (IF:1.813,Q3) 88 : 107327
- [5] Weichao Ding, Fei Luo, Liangxiu Han, Chunhua Gua, Haifeng Lu, Joel Fuentes. Adaptive virtual machine consolidation framework based on performance-to-power ratio in cloud data centers, Future Generation Computer Systems, 2020, 111: 254-270 (WOS:000541155100020 · 6.125)