

Publication List

Dr. Zheng Chang

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Journal Articles

99. J. Liu, **Zheng Chang**, K. Wang, Z. Zhao and T. Hämäläinen, "Energy-Efficient and Privacy-Preserved Incentive Mechanism for Mobile Edge Computing-Assisted Federated Learning in Healthcare System," *IEEE Transactions on Network and Service Management*, doi: 10.1109/TNSM.2024.3414417.
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97. Z. Li, F. Hu, Q. Li, Z. Ling, **Zheng Chang** and T. Hämäläinen, "AoI-Aware Waveform Design for Cooperative Joint Radar-Communications Systems with Online Prediction of Radar Target Property," in *IEEE Transactions on Communications*, doi: 10.1109/TCOMM.2024.3392748.
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95. J. Lai, **Zheng Chang**, et al " Enabling High-Throughput Routing for LEO Satellite Broadband Networks: A Flow-Centric Deep Reinforcement Learning Approach," *IEEE Internet of Things Journal*, 2024.
94. X. Zhang, W. Chen, H. Zhao, **Zheng Chang**, and Z. Han, "Joint Accuracy and Latency Optimization for Quantized Federated Learning in Vehicular Networks," *IEEE Internet of Things Journal*, 2024, doi: 10.1109/JIOT.2024.3406531.
93. X. Qiang, Y. Hu, **Zheng Chang**, and T. Hämäläinen, "Importance-aware data selection and resource allocation for hierarchical federated edge learning," *Future Generation Computer Systems*, vol. 154, no. 35-44, 2024.
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89. Z. Wang, Y. Cao, **Zheng Chang**, T. Lv, and W. Ni, "Energy efficiency maximization in UAV communication networks with nonlinear energy harvesting," *Computer Networks*, 2024.
88. J. Liu, Y. Zhu, **Zheng Chang**, T. Parviainen, C. Antfolk, T. Hämäläinen, and F. Cong, "Reconfiguration of cognitive control networks during a long-duration flanker task," *IEEE Transactions on Cognitive and Developmental Systems*, 2024, doi: 10.1109/TCDS.2024.3350974.
87. C. Jin, **Zheng Chang**, F. Hu, H. Chen and T. Hämäläinen, "Enhanced Physical Layer Security for Full-duplex Symbiotic Radio with AN Generation and Forward Noise Suppression," *IEEE Transactions on Communications*, 2024, doi: 10.1109/TCOMM.2024.3364991.
86. M. Luan, **Zheng Chang**, B. Wang, Y. Zhao, L. Zhuang and F. Hu, "Robust Resource Allocation for RIS-aided Multi-User Simultaneous Localization and Communication System," *IEEE TITS*, 2023.
85. X. Zhang, **Zheng Chang**, G. Min and T. Hämäläinen, "AoI-Energy Tradeoff for Data Collection in UAV-Assisted Wireless Networks," *IEEE Transactions on Communications*, vol. 72, no. 3, pp. 1849-1861, March 2024.
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Book Chapter

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