

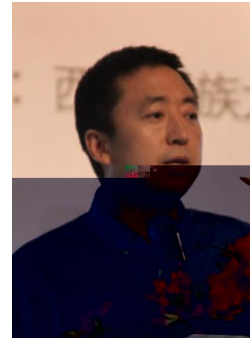
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Academic Qualification:

Ph.D. in Information and Communication Engineering, University of Electronic Science and Technology of China, 2011.

M.S. in Institute of Microcomputer, University of Electronic Science and Technology of China, 1991.

B.S. in Computer System Structure and Software Engineering, Beijing University of Aeronautics and Astronautics, China, 1988.

Teaching Area

Computer Network

Research Area

Computer Network

Working Experience

- | | |
|-------------------|---|
| 2020.11 - Present | Professor/Doctoral Supervisor, International Institute for Next Generation Internet, Macau University of Science and Technology, Macau. |
| 2020.06 - Present | Director of Sichuan Engineering Research Center for Cloud and Network Superfusion |
| 2011.09 - Present | Professor/Doctoral Supervisor, University of Electronic Science and Technology of China |
| 2006.06 - Present | Professor, University of Electronic Science and Technology of China |

Academic Publication (selected)

- [1] Rajesh Kumar; Abdullah Aman Khan; Jay Kumar; Zakria; Noorbakhsh Amiri Golilarz; Simin Zhang; Yang Ting; Chengyu Zheng; **Wenyong Wang**, Blockchain Federated Learning and Deep Learning Models for COVID-19 Detection Using CT Imaging. IEEE Sensors Journal, 2021,21(14).
- [2] S. Zou, W. **Wang**, W. Ni, L. Wang and Y. L. Tang. Efficient Orchestration of Virtualization Resource in RAN Based on Chemical Reaction Optimization and Q-learning. IEEE Internet of Things Journal, doi: 10.1109/JIOT.2021.3098331.
- [3] Zhou, K., **Wang, W***, Hu, F., Deng, K. Application of Improved Asynchronous Advantage Actor Critic Reinforcement Learning Model on Anomaly Detection. Entropy, 2021,23,274.
- [4] Kumar, R., **Wang, W. Y.**, Kumar, J., Yang, T., Ali, I.. An integration of block chain and AI for secure data sharing and detection of CT images for the hospitals. Computerized Medical Imaging and Graphics, 2021,87,101812.

- [5] Zhou,Kun;**Wang,Wenyong**;Hu,Teng;Deng,Kai. Time Series Forecasting and Classification Models Based on Recurrent with Attention Mechanism and Generative Adversarial Networks. IEEE Sensors Journal,2020,24:7211.
- [6] XiangY,HuangS,LiM,LiJ,**WangW***. Rear-End Collision Avoidance-Based on Multi-Channel Detection. IEEE Transactions on Intelligent Transportation Systems, 2020, 21(8):3525-3535.
- [7] Huang,L.,Ran,J.,**Wang,W.**,Yang,T.,Xiang,Y.. A multi-channel anomaly detection method with feature selection and multi-scale analysis. Computer Networks,2020,185,107645.
- [8] Zhou,K.,**Wang,W.**,Wu,C.,Hu,T..Practical evaluation of encrypted traffic classification based on a combined method of entropy estimation and neural networks. ETRI Journal, 2020, 42(3).
- [9] LiJ,XiangY,FangJ,**WangW***,PiY. Research on multiple sensors vehicle detection with EMD-based denoising. IEEE Internet of Things Journal,2019,6(4):6262-6270.
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