**南京邮电大学导师介绍（国际学生）**

**NJUPT Supervisor Introduction（International Students）**

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| **姓名****Name** | **杨龙祥****YANG Longxiang**  | **性别****Gender** | **Male** |
| **电话号码****Mobile Phone** | **18951896109** | **邮箱****E-mail** | **yanglx@njupt.edu.cn** |
| **研究方向****Research Direction** | **Wireless and Mobile Communications, Internet of Things, Industrial Internet of Things** |
| **主要研究成果****Main Research Results** | Published more than 240 journal and international papers. Among all my papers, over 80 papers are cited by SCI, and more than 30 papers are published by IEEE journals. 10 representative papers in recent years are listed as follow. More than 80 patents are issued. In 2016 year, got the Second Level National Technology Invention Award of China, and 6 provincial level technology awards during 2011 and 2021.[1] Zhang, Yao， Xia, Wenchao; Zheng, Gan， Zhao, Haitao，**Yang, Longxiang**; Zhu, Hongbo, Secure Transmission in Cell-Free Massive MIMO With Low-Resolution DACs Over Rician Fading Channels,***IEEE TRANSACTIONS ON COMMUNICATIONS***, Volume70, Issue4, Page, 2606-2621, 2022.[2] Zhang, Yao， Zhang, Qi; Hu, Han，**Yang, Longxiang**，Zhu, Hongbo，Cell-Free Massive MIMO Systems With Non-Ideal Hardware: Phase Drifts and Distortion Noise, ***IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY***，Volume70，Issue11，Page, 11604-11618, 2021. 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Richard, Toward Tailored Resource Allocation of Slices in 6G Networks With Softwarization and Virtualization,***IEEE INTERNET OF THINGS JOURNAL***, Volume9, Issue9, Page, 6623-6637, 2022.[4] [Zhou, M](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhou,%20M%22%7D%5D&eventMode=oneClickSearch); [**Yang, LX**](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Yang,%20LX%22%7D%5D&eventMode=oneClickSearch)**,** and [Zhu, HB](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhu,%20HB%22%7D%5D&eventMode=oneClickSearch)，[Sum-SE for Multigroup Multicast Cell-Free Massive MIMO With Multi-Antenna Users and Low-Resolution DACs](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/full-record/WOS%3A000682125800023)，***IEEE WIRELESS COMMUNICATIONS LETTERS***，Volume10, Issue8, Page, 1702-1706, 2021.[5] [Cao, HT](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Cao,%20HT%22%7D%5D&eventMode=oneClickSearch); [Du, JB](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Du,%20JB%22%7D%5D&eventMode=oneClickSearch);**Longxiang Yang**; [Yu, FR](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Yu,%20FR%22%7D%5D&eventMode=oneClickSearch), [Resource-Ability Assisted Service Function Chain Embedding and Scheduling for 6G Networks With Virtualization](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/full-record/WOS%3A000647411800070), ***IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY***, Volume 70, Issue 4 , Page, 3846-3859, 2021.[6] [Zhang, Y](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhang,%20Y%22%7D%5D&eventMode=oneClickSearch); [Qiao, X](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Qiao,%20X%22%7D%5D&eventMode=oneClickSearch); **Longxiang Yang**; [Zhu, HB](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhu,%20HB%22%7D%5D&eventMode=oneClickSearch), [Superimposed Pilots are Beneficial for Mitigating Pilot Contamination in Cell-Free Massive MIMO](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/full-record/WOS%3A000607377600058), ***IEEE COMMUNICATIONS LETTERS******,*** Volume25, Issue 1 , Page279-283, 2021.[7] [Cao, HT](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Cao,%20HT%22%7D%5D&eventMode=oneClickSearch); [Wu, SC](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Wu,%20SC%22%7D%5D&eventMode=oneClickSearch);  **Longxiang Yang**; [Zhu, HB](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhu,%20HB%22%7D%5D&eventMode=oneClickSearch), [An Efficient Energy Cost and Mapping Revenue Strategy for Interdomain NFV-Enabled Networks](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/full-record/WOS%3A000548817900005), ***IEEE INTERNET OF THINGS JOURNAL***, Volume 7, Issue 7 , pp.5723-5736, 2020.[8] [Cao, HT](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Cao,%20HT%22%7D%5D&eventMode=oneClickSearch); [Wu, SC](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Wu,%20SC%22%7D%5D&eventMode=oneClickSearch);  **Longxiang Yang**; [Zhu, HB](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/general-summary?queryJson=%5B%7B%22rowField%22:%22AU%22,%22rowText%22:%22Zhu,%20HB%22%7D%5D&eventMode=oneClickSearch), [Dynamic Embedding and Quality of Service-Driven Adjustment for Cloud Networks](https://vpn.njupt.edu.cn:8443/https/webvpna88a4d679febc5d5b1f03e4bc4d00bab4a409079c3d89181e3ef6e3933175802/wos/alldb/full-record/WOS%3A000521337000065), ***IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS******,*** Volume 16, Issue 2 , Page1406-1416, 2020.[9] [Yao Zhang](https://ieeexplore.ieee.org/author/37086533486);[Meng Zhou](https://ieeexplore.ieee.org/author/37086016087);[Haotong Cao](https://ieeexplore.ieee.org/author/37085996948);[**Longxiang Yang**](https://ieeexplore.ieee.org/author/37405193200);[Hongbo Zhu](https://ieeexplore.ieee.org/author/37289613500), [On the Performance of Cell-Free Massive MIMO With Mixed-ADC Under Rician Fading Channels](https://ieeexplore.ieee.org/document/8869794/), [***IEEE Communications Letters***](https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4234), Volume24, [Issue1](https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=8952820), 2020.[10] [Yulun Cheng](https://ieeexplore.ieee.org/author/37086069839);[Jun Zhang](https://ieeexplore.ieee.org/author/37086286635);[**Longxiang Yang**](https://ieeexplore.ieee.org/author/37405193200);[Chenming Zhu](https://ieeexplore.ieee.org/author/37088343212);[Hongbo Zhu](https://ieeexplore.ieee.org/author/37289613500), [Distributed Green Offloading and Power Optimization in Virtualized Small Cell Networks With Mobile Edge Computing](https://ieeexplore.ieee.org/document/8882331/), [***IEEE Transactions on Green Communications and Networking***](https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7511293), Volume4, [Issue1](https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=9040688), 2020. |
| **个人简介****Personal Profile** | Longxiang Yang, Chair Professor, College of Information and Communications, NJUPT. He had been served as the Vice Head of the College of Information and Communications, NJUPT, during 2018 to 2020, and the director of Research Institute of Communications Technology of NJUPT during 2018 to 2020, also as the associate directors of Jiangsu Key Lab of Wireless Communications, and Engineering Research Center of The Ministry of Education of China. He got his Ph.D degree in 1996, from Southeast University, Nanjing, China. After that he joined in the NJUPT as a member of faculty. Since 1990 to 1993, he worked in a giant electronic research institute as an engineer to do electronic system research and development. During 2000 to 2003, he had been a visiting professor in South Korea universities and SK telecom. He has held more than 10 national research fundings, including The National 973 Projects. He has guided more than 200 postgraduate students, including 12 PhD candidates. |