

Li Yan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

544
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Handover Scheme for 5G C/U Plane Split Heterogeneous Network in High-Speed Railway. IEEE Transactions on Vehicular Technology, 2014, 63, 4633-4646. | 6.3 | 83 |
| 2 | Machine Learning-Based Handovers for Sub-6 GHz and mmWave Integrated Vehicular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4873-4885. | 9.2 | 71 |
| 3 | Hybrid Spatial Modulation Beamforming for mmWave Railway Communication Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 9597-9606. | 6.3 | 53 |
| 4 | Control and data signaling decoupled architecture for railway wireless networks. IEEE Wireless Communications, 2015, 22, 103-111. | 9.0 | 42 |
| 5 | Multiuser Millimeter Wave Communications With Nonorthogonal Beams. IEEE Transactions on Vehicular Technology, 2017, 66, 5675-5688. | 6.3 | 41 |
| 6 | A Novel Network Architecture for C/U-Plane Staggered Handover in 5G Decoupled Heterogeneous Railway Wireless Systems. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3350-3362. | 8.0 | 32 |
| 7 | Stable Beamforming With Low Overhead for C/U-Plane Decoupled HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6075-6086. | 6.3 | 30 |
| 8 | Photonic Millimeter-Wave Joint Radar Communication System Using Spectrum-Spreading Phase-Coding. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1552-1561. | 4.6 | 30 |
| 9 | A Low-Latency Content Dissemination Scheme for mmWave Vehicular Networks. IEEE Internet of Things Journal, 2019, 6, 7921-7933. | 8.7 | 28 |
| 10 | A Machine Learning-Based Defensive Alerting System Against Reckless Driving in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12227-12238. | 6.3 | 24 |
| 11 | A Fast Beam Alignment Scheme for Dual-Band HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3968-3979. | 6.3 | 24 |
| 12 | Control/User Plane Decoupled Architecture Utilizing Unlicensed Bands in LTE Systems. IEEE Wireless Communications, 2017, 24, 132-142. | 9.0 | 22 |
| 13 | Safety-Oriented Resource Allocation for Space-Ground Integrated Cloud Networks of High-Speed Railways. IEEE Journal on Selected Areas in Communications, 2020, 38, 2747-2759. | 14.0 | 15 |
| 14 | Multi-Beam Transmission and Dual-Band Cooperation for Control/Data Plane Decoupled WLANs. IEEE Transactions on Vehicular Technology, 2019, 68, 9806-9819. | 6.3 | 13 |
| 15 | AI-Enabled Sub-6-GHz and mm-Wave Hybrid Communications: Considerations for Use With Future HSR Wireless Systems. IEEE Vehicular Technology Magazine, 2020, 15, 59-67. | 3.4 | 11 |
| 16 | Augmenting Transmission Environments for Better Communications: Tunable Reflector Assisted MmWave WLANs. IEEE Transactions on Vehicular Technology, 2020, 69, 7416-7428. | 6.3 | 9 |
| 17 | BER Performance of Spatial Modulation Systems Under a Non-Stationary Massive MIMO Channel Model. IEEE Access, 2020, 8, 44547-44558. | 4.2 | 7 |
| 18 | Performance Analysis of On-board Content Caching and Retrieval for High-Speed Railways. , 2019, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Intelligent hybrid automatic repeat request retransmission for multi-band WiFi networks. IET Communications, 2021, 15, 1249-1258. | 2.2 | 3 |
| 20 | KF-LSTM Based Beam Tracking for UAV-Assisted mmWave HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10796-10807. | 6.3 | 2 |