# Ji-Hoon Yun

## List of Publications by Year
in descending order

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|---|---|---|---|
| 37 papers | 443 citations | 840776<br>11 h-index | 752698<br>20 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 467 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | To Predict or to Relay: Tracking Neighbors via Beaconing in Heterogeneous Vehicle Conditions. IEEE Transactions on Mobile Computing, 2022, 21, 1142-1154. | 5.8 | 2 |
| 2 | Power Resource Optimization for Backscatter-Aided Symbiotic Full-Duplex Secondary Transmission with Hardware Impairments in a Cognitive Radio Framework. Sensors, 2022, 22, 375. | 3.8 | 3 |
| 3 | Latency and energy aware rate maximization in MC-NOMA-based multi-access edge computing: A two-stage deep reinforcement learning approach. Computer Networks, 2022, 207, 108834. | 5.1 | 6 |
| 4 | Multilink Operation in IEEE 802.11be Wireless LANs: Backoff Overflow Problem and Solutions. Sensors, 2022, 22, 3501. | 3.8 | 5 |
| 5 | Full-Duplex Wireless LAN Incorporating Successive Interference Cancellation. IEEE Transactions on Vehicular Technology, 2021, 70, 10293-10307. | 6.3 | 3 |
| 6 | Spectro-Temporal Combining in Bistate WiFi Backscatter Communication With Frequency Shift. IEEE Access, 2021, 9, 113735-113747. | 4.2 | 0 |
| 7 | Multi-Filter Decoding in WiFi Backscatter Communication. Sensors, 2021, 21, 1481. | 3.8 | 1 |
| 8 | Multi-Link Operation with Enhanced Synchronous Channel Access in IEEE 802.11be Wireless LANs: Coexistence Issue and Solutions. Sensors, 2021, 21, 7974. | 3.8 | 5 |
| 9 | Motion-Aware Interplay between WiGig and WiFi for Wireless Virtual Reality. Sensors, 2020, 20, 6782. | 3.8 | 11 |
| 10 | Wider-Bandwidth Operation of IEEE 802.11 for Extremely High Throughput: Challenges and Solutions for Flexible Puncturing. IEEE Access, 2020, 8, 213840-213853. | 4.2 | 8 |
| 11 | Adaptive Transmission Repetition and Combining in Bistatic WiFi Backscatter Communications. IEEE Access, 2020, 8, 55023-55031. | 4.2 | 5 |
| 12 | Adaptive Self-Deferral for Carrier Aggregation of LTE-LAA With RF Power Leakage in Unlicensed Spectrum. IEEE Access, 2019, 7, 89292-89305. | 4.2 | 14 |
| 13 | Handover-Driven Interference Management for Co-Channel Deployment of Femto- and Macro-Cells. Applied Sciences (Switzerland), 2019, 9, 3463. | 2.5 | 1 |
| 14 | Multi-Carrier Listen Before Talk With Power Leakage Awareness for LTE-LAA in Unlicensed Spectrum. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 678-689. | 7.9 | 7 |
| 15 | Pattern-Based Decoding for Wi-Fi Backscatter Communication of Passive Sensors. Sensors, 2019, 19, 1157. | 3.8 | 12 |
| 16 | Efficient Frame Construction for Multi-User Transmission in IEEE 802.11 WLANs. IEEE Transactions on Vehicular Technology, 2019, 68, 5859-5870. | 6.3 | 14 |
| 17 | Enhancement of Motion Feedback Latency for Wireless Virtual Reality in IEEE 802.11 WLANs. , 2019, , . | | 4 |
| 18 | Selective Timewarp Based on Embedded Motion Vectors for Interactive Cloud Virtual Reality. IEEE Access, 2019, 7, 3031-3045. | 4.2 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Reliable Safety Message Dissemination in NLOS Intersections Using TV White Spectrum. IEEE Transactions on Mobile Computing, 2018, 17, 169-182. | 5.8 | 6 |
| 20 | Power Leakage-Aware Multi-Carrier LBT for LTE-LAA in Unlicensed Spectrum. , 2018, , . | | 3 |
| 21 | Ultra-Low Power Communication for Infrastructure Monitoring During a Disaster. , 2018, , . | | 0 |
| 22 | Predictive Tile Selection for 360-Degree VR Video Streaming in Bandwidth-Limited Networks. IEEE Communications Letters, 2018, 22, 1858-1861. | 4.1 | 29 |
| 23 | E-MICE: Energy-Efficient Concurrent Exploitation of Multiple Wi-Fi Radios. IEEE Transactions on Mobile Computing, 2017, 16, 1870-1880. | 5.8 | 5 |
| 24 | Multi-leveling for higher capacity of Wi-Fi backscatter communications. , 2017, , . | | 2 |
| 25 | Classification of Transmission Events Based on Receive Power Pattern with Self-Tuning Thresholds in Wireless Receivers. Wireless Personal Communications, 2016, 90, 1487-1495. | 2.7 | 0 |
| 26 | Collision chain mitigation and hidden device-aware grouping in large-scale IEEE 802.11ah networks. Computer Networks, 2016, 108, 296-306. | 5.1 | 26 |
| 27 | Intra and Inter-Cell Resource Management in Full-Duplex Heterogeneous Cellular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 392-405. | 5.8 | 45 |
| 28 | Distributed Coordination of Co-Channel Femtocells via Inter-Cell Signaling With Arbitrary Delay. IEEE Journal on Selected Areas in Communications, 2015, 33, 1127-1139. | 14.0 | 5 |
| 29 | Interplay Between TVWS and DSRC: Optimal Strategy for Safety Message Dissemination in VANET. IEEE Journal on Selected Areas in Communications, 2014, 32, 2117-2133. | 14.0 | 38 |
| 30 | Single-Adversary Relaying Attack Defense Mechanism in Wireless Ad Hoc Networks. Wireless Personal Communications, 2013, 72, 2519-2532. | 2.7 | 1 |
| 31 | Performance analysis of IEEE 802.11 WLANs with rate adaptation in time-varying fading channels. Computer Networks, 2013, 57, 1153-1166. | 5.1 | 6 |
| 32 | On the Joint Distribution of Aggregate Interference at Multiple Wireless Receivers. IEEE Transactions on Vehicular Technology, 2013, 62, 1355-1362. | 6.3 | 3 |
| 33 | ARCHoN: Adaptive range control of hotzone cells in heterogeneous cellular networks. , 2012, , . | | 3 |
| 34 | Adaptive Interference Management of OFDMA Femtocells for Co-Channel Deployment. IEEE Journal on Selected Areas in Communications, 2011, 29, 1225-1241. | 14.0 | 118 |
| 35 | Throughput analysis of IEEE 802.11 WLANs with Automatic Rate Fallback in a lossy channel. IEEE Transactions on Wireless Communications, 2009, 8, 689-693. | 9.2 | 13 |
| 36 | Comparison of handover schemes for 3GPP Long Term Evolution and 3GPP2 Ultra Mobile Broadband. , 2008, , . | | 3 |

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|---|---------|-----|-----------|
| 37 | Novel collision detection scheme and its applications for IEEE 802.11 wireless LANs. Computer Communications, 2007, 30, 1350-1366. | 5.1 | 27 |