

# Sungeun Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

537  
citations

933447

10  
h-index

1281871

11  
g-index

27  
all docs

27  
docs citations

27  
times ranked

496  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Timing and Frequency Synchronization for OFDM Downlink Transmissions Using Zadoff-Chu Sequences. IEEE Transactions on Wireless Communications, 2015, 14, 1716-1729.  | 9.2 | 84        |
| 2  | PARAFAC-based frequency synchronization for SC-FDMA uplink transmissions. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .                            | 1.7 | 3         |
| 3  | Carrier frequency offset estimation for OFDMA uplink using null sub-carriers. , 2014, 29, 127-137.   |     | 6         |
| 4  | Network modulation (NeMo)-aided OFDM incremental relay systems. , 2013, , .  |     | 0         |
| 5  | Transmitter-side timing adjustment to mitigate interference between multiple nodes for OFDMA mesh network. , 2012, , .   |     | 0         |
| 6  | Clipping effect on radiation pattern in downtilt beamforming. , 2012, , .  |     | 0         |
| 7  | Carrier frequency offset estimation for interleaved SC-FDMA systems. , 2012, , .   |     | 2         |
| 8  | Enhancing data persistence of wireless networks: Where NeMo meets OFDM. , 2012, , .  |     | 1         |
| 9  | Robust synchronization for OFDM employing Zadoff-Chu sequence. , 2012, , .   |     | 17        |
| 10 | Null sub-carrier based carrier frequency offset estimation for OFDMA uplink systems. , 2011, , .   |     | 3         |
| 11 | Symbol detection on asynchronous OFDMA mesh networks with timing misalignment. , 2011, , .   |     | 3         |
| 12 | Which one is more sensitive to carrier frequency offsets - OFDMA or SC-FDMA?. , 2011, , .  |     | 0         |
| 13 | Timing adjustment techniques to mitigate interference between multiple nodes in OFDMA mesh networks. , 2011, , .   |     | 4         |
| 14 | The Role of Phase Compensation in Preventing Channel Dispersion in Variable-Gain Relay OFDM Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 1005-1011. | 6.3 | 0         |
| 15 | An improved synchronization scheme for OFDMA systems with initial ranging transmissions. , 2010, , .   |     | 3         |
| 16 | Performance Analysis of Two-Tier Femtocell Networks with Outage Constraints. IEEE Transactions on Wireless Communications, 2010, 9, 2695-2700.                       | 9.2 | 102       |
| 17 | Average SNR and Ergodic Capacity Analysis for Proactive and Reactive DF Relaying over Rayleigh Fading Channels. , 2009, , .  |     | 3         |
| 18 | Higher-Order PCA for anomaly detection in large-scale networks. , 2009, , .  |     | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of multiple antennas at the source on outage probability for amplify-and-forward relaying systems. IEEE Transactions on Wireless Communications, 2009, 8, 633-637.                     | 9.2 | 48        |
| 20 | Average SNR and ergodic capacity analysis for opportunistic DFrelaying with outage over rayleigh fading channels. IEEE Transactions on Wireless Communications, 2009, 8, 2807-2812.           | 9.2 | 49        |
| 21 | OFDM Channel Estimation With Jammed Pilot Detector Under Narrow-Band Jamming. IEEE Transactions on Vehicular Technology, 2008, 57, 1934-1939.   | 6.3 | 31        |
| 22 | A new PAPR reduction technique for OFDM systems using advanced peak windowing method. IEEE Transactions on Consumer Electronics, 2008, 54, 405-410.   | 3.6 | 40        |
| 23 | Channel estimation approach with variable pilot density to mitigate interference over time-selective cellular OFDM systems. IEEE Transactions on Wireless Communications, 2008, 7, 2694-2704. | 9.2 | 10        |
| 24 | A New DFT-Based Channel Estimation Approach for OFDM with Virtual Subcarriers by Leakage Estimation. IEEE Transactions on Wireless Communications, 2008, 7, 2004-2008.                        | 9.2 | 36        |
| 25 | A New Duplex without Loss of Data Rate and Utilizing Selection Diversity. IEEE Vehicular Technology Conference, 2008, , .   | 0.4 | 13        |
| 26 | Carrier Frequency Offset Estimation Using ESPRIT for Interleaved OFDMA Uplink Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 3227-3231.  | 6.3 | 68        |
| 27 | Timing Synchronization Using Phase Difference between Subcarriers for OFDMA Uplink Systems over Frequency Selective Fading Channels. , 0, , .   |     | 4         |