

# Taehyoung Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

212  
citations

1307594

7  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extending 5G TDD Coverage With XDD: Cross Division Duplex. IEEE Access, 2021, 9, 51380-51392.	4.2	14
2	Self-Interference Channel Training for Full-Duplex Massive MIMO Systems. Sensors, 2021, 21, 3250.	3.8	6
3	Compressed OTFS Transmission over Millimeter-wave and Terahertz Spectrum. , 2021, , .		4
4	Enabling Advanced Duplex in 6G. , 2021, , .		2
5	Understanding the Heart of the 5G Air Interface: An Overview of Physical Downlink Control Channel for 5G New Radio. IEEE Communications Standards Magazine, 2020, 4, 22-29.	4.9	32
6	Statistical Beamforming for Massive MIMO Systems with Distinct Spatial Correlations. Sensors, 2020, 20, 6255.	3.8	5
7	Evolution of Power Saving Technologies for 5G New Radio. IEEE Access, 2020, 8, 198912-198924.	4.2	12
8	Scaling Laws of Scheduling Gain for Uplink Massive MIMO Systems: Is User Scheduling Still Beneficial for Massive MIMO?. Electronics (Switzerland), 2020, 9, 1650.	3.1	2
9	5.5 A 2.1e <sup>10</sup> Temporal Noise and $\sim 105$ dB Parasitic Light Sensitivity Backside-Illuminated 2.3 $\mu$ m-Pixel Voltage-Domain Global Shutter CMOS Image Sensor Using High-Capacity DRAM Capacitor Technology. , 2020, , .		9
10	New Radio (NR) and its Evolution toward 5G-Advanced. IEEE Wireless Communications, 2019, 26, 2-7.	9.0	75
11	Advanced Data Transmission Framework for 5G Wireless Communications in the 3GPP New Radio Standard. IEEE Communications Standards Magazine, 2019, 3, 38-43.	4.9	18
12	Scaling Laws of Optimal Training Lengths for TDD Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 7128-7142.	6.3	14
13	Statistical Beamforming Based on Effective Channel Gain for Spatially Correlated Massive MIMO Systems. IEEE Communications Letters, 2018, 22, 197-200.	4.1	4
14	Performance evaluation of heterogeneous networks with cell ID operation of small cell. , 2016, , .		1
15	Antenna Ratio for Sum-Rate Maximization in Full-Duplex Large-Array Base Station With Half-Duplex Multiantenna Users. IEEE Transactions on Vehicular Technology, 2016, 65, 10168-10173.	6.3	13
16	Multiuser CQI prediction based on quantization error feedback for massive MIMO systems. , 2015, , .		1