

Taewon Hwang

List of Publications by Year in descending order

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34
papers

1,089
citations

1040056

9
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	OFDM and Its Wireless Applications: A Survey. IEEE Transactions on Vehicular Technology, 2009, 58, 1673-1694.	6.3	738
2	E^2 -MAC: Energy Efficient Medium Access for Massive M2M Communications. IEEE Transactions on Communications, 2016, 64, 4720-4735.	7.8	59
3	Joint Task Scheduling and Containerizing for Efficient Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2086-2100.	5.6	41
4	Energy Efficient Pilot and Link Adaptation for Mobile Users in TDD Multi-User MIMO Systems. IEEE Transactions on Wireless Communications, 2014, 13, 382-393.	9.2	36
5	Energy-Efficient Transmit Power Control for Multi-tier MIMO HetNets. IEEE Journal on Selected Areas in Communications, 2015, 33, 2070-2086.	14.0	31
6	Energy-Efficient Power Control of Cognitive Femto Users for 5G Communications. IEEE Journal on Selected Areas in Communications, 2016, 34, 772-785.	14.0	28
7	On the Capacity Gain from Full Duplex Communications in a Large Scale Wireless Network. IEEE Transactions on Mobile Computing, 2016, 15, 2290-2303.	5.8	24
8	Optimal Beamforming and Power Allocation for Sensing-Based Spectrum Sharing in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 412-417.	6.3	20
9	Energy Efficient Communication for Secure D2D Underlaid Cellular Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9110-9123.	6.3	19
10	Root Mean Square Decomposition for EST-Based Spatial Multiplexing Systems. IEEE Transactions on Signal Processing, 2012, 60, 1295-1306.	5.3	9
11	A Game With Randomly Distributed Eavesdroppers in Wireless Ad Hoc Networks: A Secrecy EE Perspective. IEEE Transactions on Vehicular Technology, 2017, 66, 9916-9930.	6.3	9
12	User-Centric Energy Efficiency Optimization for MISO Wireless Powered Communications. IEEE Transactions on Wireless Communications, 2019, 18, 864-878.	9.2	8
13	Multiple Access With Energy Spreading Transform. IEEE Signal Processing Letters, 2008, 15, 150-153.	3.6	7
14	A game-theoretic approach for energy-efficient power control in spectrum sharing networks. , 2014, , .		7
15	Energy Spreading Transform Approach to Achieve Full Diversity and Full Rate for MIMO Systems. IEEE Transactions on Signal Processing, 2012, 60, 6547-6560.	5.3	6
16	Energy-Efficient Adaptation of Pilot Power, Data Power, and Transmission Rate for Downlink Multiuser MIMO Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 2692-2698.	6.3	6
17	Optimum Filtering for Energy-Spreading Transform-Based Equalization. IEEE Transactions on Signal Processing, 2007, 55, 1182-1187.	5.3	5
18	Antenna Selection and Ordering for EST-Based Modulation With Cyclic Delay Diversity. IEEE Transactions on Vehicular Technology, 2009, 58, 5269-5274.	6.3	5

#	ARTICLE	IF	CITATIONS
19	Optimal Beamforming and Power Allocation for Cognitive Femto Base Stations Based on Soft Decision. IEEE Journal on Selected Areas in Communications, 2015, 33, 878-895.	14.0	4
20	Energy-Efficient Routing and Link Adaptation for 2D Wireless Relay Networks in the Wideband Regime. IEEE Transactions on Wireless Communications, 2018, 17, 7325-7339.	9.2	4
21	Energy-Efficient Beamforming and Resource Allocation for Multi-Antenna MEC Systems. IEEE Access, 2022, 10, 18008-18022.	4.2	4
22	Simple Expression of Ergodic Capacity for Rician Fading Channel. IEICE Transactions on Communications, 2010, E93-B, 1594-1596.	0.7	3
23	Energy-Efficient Link Adaptation for Secure D2D Underlaid Cellular Networks. , 2016, , .		3
24	Energy efficiency of sensing-based spectrum sharing technique for cognitive radio systems. , 2016, , .		3
25	Energy-Efficient MISO Wireless Powered Communications. , 2019, , .		3
26	Energy spreading transform for down-link MC-CDMA. IEEE Transactions on Wireless Communications, 2008, 7, 1522-1526.	9.2	2
27	Signal Detection for EST Based Modulation in Doubly-Selective Channels. IEEE Transactions on Signal Processing, 2009, 57, 3287-3291.	5.3	2
28	Sum-Rate Improved Interference Alignment for the M x 2 MIMO X Channel. IEEE Communications Letters, 2012, 16, 1088-1091.	4.1	2
29	Cost-efficient IQ imbalance compensation scheme for DRM plus. IEICE Electronics Express, 2009, 6, 743-749.	0.8	1
30	Transmit Diversity for Down-Link MC-CDMA Based on Energy Spreading Transform. , 2007, , .		0
31	A Robust Sampling Frequency Offset Estimator for WLAN-OFDM. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 1523-1525.	0.3	0
32	A Full Transmit Diversity Using Cyclic Delay Diversity for EST Based Modulation. IEEE Communications Letters, 2010, 14, 632-634.	4.1	0
33	Achieving full diversity and full rate with energy spreading transform for MIMO systems. , 2012, , .		0
34	Optimum Hard-Decision Detector for Energy-Spreading Transform Based Multiple Access. IEICE Transactions on Communications, 2009, E92-B, 2243-2246.	0.7	0