

Sungho Jeon

List of Publications by Year in descending order

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54
papers

316
citations

1163117

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16
g-index

54
all docs

54
docs citations

54
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft-output ML detector for spatial modulation OFDM systems. IEICE Electronics Express, 2009, 6, 1426-1431.	0.8	41
2	Performance Analysis of All Modulation and Code Combinations in ATSC 3.0 Physical Layer Protocol. IEEE Transactions on Broadcasting, 2019, 65, 197-210.	3.2	41
3	Cooperative Networks with Amplify-and-Forward Multiple-Full-Duplex Relays. IEEE Transactions on Wireless Communications, 2014, 13, 2137-2149.	9.2	31
4	A Relay-Assisted Handover Technique with Network Coding over Multihop Cellular Networks. IEEE Communications Letters, 2007, 11, 252-254.	4.1	27
5	Efficient Transmission of Multiple Broadcasting Services Using LDM and SHVC. IEEE Transactions on Broadcasting, 2018, 64, 177-187.	3.2	24
6	Error Floor Analysis of Signal Space Diversity Schemes Under Erasure Effect in Single Frequency Network. IEEE Transactions on Broadcasting, 2012, 58, 508-513.	3.2	10
7	Analysis of the Network Gains of SISO and MISO Single Frequency Network Broadcast Systems. IEICE Transactions on Communications, 2014, E97.B, 182-189.	0.7	9
8	Component-Interleaved Receive MRC with Rotated Constellation for Signal Space Diversity. , 2009, , .		8
9	Definition and Properties of the Erasure Effect in Single-Frequency Network With Two Synchronized Transmitters. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 439-442.	4.0	8
10	Formulating the Net Gain of SISO-SFN in the Presence of Erasure Effect. IEEE Transactions on Broadcasting, 2015, 61, 323-326.	3.2	8
11	Field Trial Results for ATSC 3.0 TxID Transmission and Detection in Single Frequency Network of Seoul. , 2018, , .		8
12	Adaptive HPA Linearization Technique for Practical ATSC DTV System. IEEE Transactions on Broadcasting, 2013, 59, 376-381.	3.2	7
13	Cooperative space-time block coded full-duplex relaying over frequency-selective channel. IET Communications, 2015, 9, 960-968.	2.2	7
14	Efficient ATSC 3.0 TxID Signal Detection for Single Frequency Networks. IEEE Transactions on Broadcasting, 2019, 65, 326-332.	3.2	6
15	Feasibility Verification of ATSC 3.0 MIMO System for 8K-UHD Terrestrial Broadcasting. IEEE Transactions on Broadcasting, 2021, 67, 909-916.	3.2	6
16	Interleaved Spatial Diversity Transmission with Coordinate Interleaver for MIMO-OFDM Systems. , 2009, , .		5
17	On the condition of adaptive digital predistorter with real-time update. , 2009, , .		5
18	On the Distribution of MISO Channel Capacity in the Noise and Interference-Limited Systems. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
19	An improved LUT based DPD technique for nonlinear HPA in ATSC DTV system. , 2010, , .		4
20	Normalization Factor of Hierarchically Modulated Symbols for Advanced T-DMB System. IEEE Transactions on Broadcasting, 2011, 57, 713-717.	3.2	4
21	MIMO Cloud Transmission Based on BICM-ID for High Data Rate Local Contents Delivery. IEEE Transactions on Broadcasting, 2015, 61, 580-589.	3.2	4
22	Spatial diversity technique combined with rotated constellation for MIMO-OFDM systems. , 2009, , .		3
23	Low-complexity switched soft demapper for rotated non-uniform constellation DVB-NGH systems. , 2014, , .		3
24	Design of training sequences and channel estimation for amplify-and-forward two-path relaying networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	3
25	Advanced Preamble Transmit Diversity of Polarized DVB-T2 MISO System Using Hybrid Differential Modulation. IEEE Transactions on Broadcasting, 2015, 61, 723-728.	3.2	3
26	A Pre-Correction Algorithm for Broadcasting Transmitter. IEEE Transactions on Broadcasting, 2016, 62, 487-495.	3.2	3
27	Preliminary field trial results for DVB-T2 indoor reception in Seoul: A single transmitter case. , 2017, , .		3
28	Adaptive Digital Predistortion with Iterative Noise Cancellation for Power Amplifier Linearization. IEICE Transactions on Communications, 2012, E95-B, 943-949.	0.7	3
29	Coordinate Interleaved Hybrid Transmission For MIMO-OFDM Systems. , 2009, , .		2
30	An adaptive digital predistorter with iterative noise cancelation. , 2010, , .		2
31	Open-loop unitary precoding for parallel interference cancellation in MIMO systems. , 2011, , .		2
32	Pre- and post-FFT MISO processing for digital on-channel repeater with receive antenna arrays. , 2012, , .		2
33	Full-duplex multiple relays: A high data rate cooperative communications over rayleigh fading channels. , 2013, , .		2
34	An efficient mobile coverage measurement system for ATSC DTV network. , 2013, , .		2
35	Performance of maximal ratio combining digital on-channel repeater for terrestrial DMB/DAB. , 2013, , .		2
36	Field trial results of 4K-UHD over DVB-T2 single frequency network in Republic of Korea. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
37	Low Complexity Switched Soft Demapper for Rotated QAM Constellations. IEEE Transactions on Broadcasting, 2016, 62, 532-539.	3.2	2
38	Scalable HEVC over layered division multiplexing for the next generation terrestrial broadcasting. , 2017, , .		2
39	Impact of Cross-Polarization Discrimination for ATSC 3.0 MIMO System. , 2021, , .		2
40	MMC05-5: Cross-Layer Optimization for Downlink Wavelet Image Transmission. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	1
41	Performance Analysis of Location-Based Loading Control for Downlink FH-OFDMA Systems. , 2007, , .		1
42	A Cross-Layer Approach for Maximizing Visual Entropy Using Closed-Loop Downlink MIMO. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.7	1
43	Web-based smart DMB platform; Hybrid platform for mobile broadcasting and telecommunication. , 2012, , .		1
44	Coupling loop multipath channel model with reflection over OFDM-based single frequency network. , 2012, , .		1
45	A Study on the Performance of Channel-Mismatched Equalizations in D-TR-STBC-SC Relaying Network. IEICE Transactions on Communications, 2015, E98.B, 2079-2096.	0.7	1
46	A Hierarchical Network Synchronization Technique for Asynchronous Broadband Networks. , 2006, , .		0
47	WLC27-6: Performance Analysis of Location-based Dynamic Carrier Allocation in OFDM Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
48	A novel dual-polarized transceiver in layered SFBC-OFDM broadcasting systems. , 2011, , .		0
49	Multiple-input multiple-output cloud transmission for high data rate local contents delivery. , 2014, , .		0
50	Methodology for Analyzing ATSC 3.0 Single Frequency Network Overlapped Area Based on Spatial Interpolation. , 2019, , .		0
51	ATSC 3.0 Multi-Antenna Receiver's Mobile Performance in Seoul and the Metropolitan Area. , 2021, , .		0
52	Performance Gain Analysis of Dynamic Carrier Allocation Using Order Statistics. IEICE Transactions on Communications, 2006, E89-B, 3143-3147.	0.7	0
53	A Radio Synchronization Technique for Asynchronous Broadband Networks. IEICE Transactions on Communications, 2006, E89-B, 3433-3437.	0.7	0
54	On the Distribution of MISO Channel Capacity in the Interference-Limited System. IEICE Transactions on Communications, 2010, E93-B, 377-380.	0.7	0