

Changyoung An

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6142312/publications.pdf>

Version: 2024-02-01

37
papers

70
citations

2258059

3
h-index

2053705

5
g-index

38
all docs

38
docs citations

38
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	WF-OFDM (windowing and filtering OFDM) system for the 5G new radio waveform. , 2017, , .		8
2	Double Balanced Feed Network for the Self-Interference Cancellation in Full Duplex Communication System. Wireless Personal Communications, 2017, 92, 1599-1610.	2.7	8
3	Design and evaluation of spectrum efficient WR-OFDM system for 5G and B5G mobile system. , 2017, , .		7
4	WR-OFDM system and OOB spectrum comparison. , 2017, , .		6
5	Design and Performance Comparison of W-OFDM Under the Nonlinear HPA Environment. Wireless Personal Communications, 2018, 98, 983-999.	2.7	6
6	Design and Beamforming Performance of the Compact ESPAR Antenna for the Beam Space MIMO System. Wireless Personal Communications, 2016, 91, 829-846.	2.7	4
7	CPW-OFDM(Cyclic Postfix Windowing OFDM) for the B5G (Beyond 5th Generation) Waveform. , 2018, , .		3
8	Dual-Mode OFDM with Coded Direct Index Modulation for the Spectrum Efficiency Improvement. , 2018, , .		3
9	Design and performance evaluation of SSD (simultaneous single band duplex) system using RF cancellation and digital cancellation. , 2014, , .		2
10	Single RF based MIMO system using load-modulation. , 2016, , .		2
11	Ripple Window OFDM (RW-OFDM) System for Improvement of Spectrum Resource Utilization. , 2018, , .		2
12	4D-8PSK-TCM System for the Specrum and Power Efficient Satellite Communication. Wireless Personal Communications, 2019, 105, 1585-1598.	2.7	2
13	High Throughput Mobile Communication Based on OTFS System with the Delay-Doppler Compensation. Wireless Personal Communications, 2019, 106, 473-486.	2.7	2
14	Design and Performance Evaluation of Multidimensional OFDM System. Wireless Personal Communications, 2020, 113, 2625-2640.	2.7	2
15	PAPR Reduction of UFMC Communication for 5G Mobile System. Advanced Science Letters, 2017, 23, 3718-3721.	0.2	2
16	Simultaneous single-band duplex system using self-interference cancellation. , 2013, , .		1
17	MIMO receiver system using single RF front-end. , 2014, , .		1
18	A Novel CFO Suppression Algorithm for OFDMA Uplink Communication System. Wireless Personal Communications, 2015, 80, 357-368.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Design of W-OFDM and nonlinear performance comparison for 5G waveform. , 2016, , .		1
20	An spectrum efficient WO-OFDM using windowing and overlapping on the cyclic prefix and postfix. , 2018, , .		1
21	Window Processing of SSB CP-OFDM System for the OOB Spectrum Reduction. , 2019, , .		1
22	A Multi-mode OFDM System with Coded Direct Index Modulation (MM-OFDM-CDIM). Wireless Personal Communications, 2019, 109, 945-961.	2.7	1
23	Power Efficiency and Antenna Array Dimension of Middle Range Wireless Power Transmission. , 2020, , .		1
24	Multi-Mode OFDM Communication System Using the Multiple Constellations. , 2020, , .		1
25	Design and Characteristic Evaluation of Power Transceiver for Wireless Power Transfer Based on Retrodirective Antenna. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 281-289.	0.3	1
26	A reactance domain fourth-order MUSIC algorithm using 13-element ESPAR antenna. , 2015, , .		0
27	Two Separate Antennas Simultaneous Single Band Duplex (SSD) System Using Turbo Equalizer. Wireless Personal Communications, 2015, 81, 581-591.	2.7	0
28	Design and Performance Analysis of Beam-Space MIMO System for Multi-carrier Transmission. Wireless Personal Communications, 2015, 85, 1573-1582.	2.7	0
29	General dimension of BS-MIMO by extension of parasitic elements in ESPAR antenna. , 2015, , .		0
30	NW-OFDM using cyclic postfix and windowing for the eMBB waveform of the 5G/B5G mobile system. , 2017, , .		0
31	Design and Performance Evaluation of Dual Mode OFDM-DIM and OFDM-CDIM Systems. , 2018, , .		0
32	Spectrum Efficient and Power Efficient Communication System for Satellite Applications. , 2018, , .		0
33	Effective Self-Interference Cancellation for IBFD (In-Band Full Duplex) Communication System. , 2019, , .		0
34	Compensation System Design and Comparison of Very High Doppler Frequency Effect. Wireless Personal Communications, 2019, 108, 879-894.	2.7	0
35	Dimension Expansion of OFDM System for the Spectral Efficiency Improvement. , 2020, , .		0
36	Multiple-input multiple-output system design of multidimensional orthogonal frequency division multiplexing system with coded direct index modulation. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4223.	3.9	0

#	ARTICLE	IF	CITATIONS
37	Spectrum Efficient Multidimensional OFDM-CDIM Communication System. , 2020, , .		0