

Alphan È~ahin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

670
citations

1040056

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h-index

996975

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27
all docs

27
docs citations

27
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Multicarrier Communications: Prototype Filters, Lattice Structures, and Implementation Aspects. IEEE Communications Surveys and Tutorials, 2014, 16, 1312-1338.	39.4	294
2	Hybrid 3-D Localization for Visible Light Communication Systems. Journal of Lightwave Technology, 2015, 33, 4589-4599.	4.6	81
3	Flexible DFT-S-OFDM: Solutions and Challenges. , 2016, 54, 106-112.		60
4	Mask Compliant Precoder for OFDM Spectrum Shaping. IEEE Communications Letters, 2013, 17, 447-450.	4.1	39
5	Suppressing Alignment: Joint PAPR and Out-of-Band Power Leakage Reduction for OFDM-Based Systems. IEEE Transactions on Communications, 2016, 64, 1100-1109.	7.8	33
6	In vivo wireless communication channels. , 2012, , .		20
7	A Windowing Technique for Optimal Time-Frequency Concentration and ACI Rejection in OFDM-Based Systems. IEEE Transactions on Communications, 2015, 63, 4977-4989.	7.8	15
8	DFT-Spread OFDM with Frequency Domain Reference Symbols. , 2017, , .		15
9	Z-Complementary Code Sets With Flexible Lengths From Generalized Boolean Functions. IEEE Access, 2021, 9, 4642-4652.	4.2	15
10	A comparative study of FBMC prototype filters in doubly dispersive channels. , 2012, , .		14
11	DFT-Spread-OFDM-Based Chirp Transmission. IEEE Communications Letters, 2021, 25, 902-906.	4.1	12
12	Index Modulation With Circularly-Shifted Chirps for Dual-Function Radar and Communications. IEEE Transactions on Wireless Communications, 2022, 21, 2938-2952.	9.2	11
13	Partially Overlapping Tones for Uncoordinated Networks. IEEE Transactions on Communications, 2014, 62, 3363-3375.	7.8	10
14	An Uplink Control Channel Design With Complementary Sequences for Unlicensed Bands. IEEE Transactions on Wireless Communications, 2020, 19, 6858-6870.	9.2	8
15	Analysis of Uplink Inter-Carrier-Interference Observed at Femtocell Networks. , 2011, , .		6
16	Joint Time-Frequency Alignment for PAPR and OOB Suppression of OFDM-Based Waveforms. IEEE Communications Letters, 2017, 21, 2586-2589.	4.1	6
17	Intentional-overlapping for multicarrier schemes based on user-specific filters. Analog Integrated Circuits and Signal Processing, 2014, 78, 683-690.	1.4	4
18	A Wideband Index Modulation with Circularly-Shifted Chirps. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Encoding and Decoding With Partitioned Complementary Sequences for Low-PAPR OFDM. IEEE Transactions on Wireless Communications, 2022, 21, 2561-2572.	9.2	4
20	Index-Modulated Circularly-Shifted Chirps for Dual-Function Radar & Communication Systems. , 2020, , .		4
21	Over-the-Air Computation with DFT-spread OFDM for Federated Edge Learning. , 2022, , .		4
22	User Distance Distribution for Overlapping and Coexisting Cell Scenarios. IEEE Wireless Communications Letters, 2012, 1, 432-435.	5.0	3
23	A Generic Complementary Sequence Construction and Associated Encoder/Decoder Design. IEEE Transactions on Communications, 2021, 69, 7691-7705.	7.8	3
24	An Investigation on Number of Effective Taps for Multicarrier Schemes. , 2013, , .		2
25	N-continuous OFDM with CP alignment. , 2015, , .		2
26	RL-Based Interference Mitigation in Uncoordinated Networks with Partially Overlapping Tones. , 2020, , .		1
27	RL-Based Waveform Adaptation With Partial Overlapping Tones in HetNets. IEEE Communications Letters, 2021, 25, 3129-3133.	4.1	0