

Atul Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

114
citations

1684188

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h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Nyquist pulse shaping filters for generalized frequency division multiplexing. , 2016, , .		20
2	PHY Abstraction Techniques for V2X Enabling Technologies: Modeling and Analysis. IEEE Transactions on Vehicular Technology, 2021, 70, 1501-1517.	6.3	20
3	Fault Recovery in Time-Synchronized Mission Critical ZigBee-Based Wireless Sensor Networks. International Journal of Wireless Information Networks, 2017, 24, 268-277.	2.7	11
4	Improving GFDM Symbol Error Rate Performance using "Better than Nyquist" Pulse Shaping Filters. IEEE Latin America Transactions, 2017, 15, 1244-1249.	1.6	11
5	A novel technique for ZigBee coordinator failure recovery and its impact on timing synchronization. , 2016, , .		8
6	Impact of Pulse Shaping Design on OOB Emission and Error Probability of GFDM. , 2019, , .		8
7	On the Modeling of Inter-Sub-Symbol Interference in GFDM Transmission. IEEE Communications Letters, 2019, 23, 1730-1734.	4.1	7
8	Symbol Error Rate Analysis of OFDM System with CFO Over TWDP Fading Channel. Wireless Personal Communications, 2019, 109, 2187-2198.	2.7	6
9	Exact SER Analysis of DFrFT-Based QPSK OFDM System over Frequency Selective Rayleigh Fading Channel with CFO. Journal of Computer Networks and Communications, 2016, 2016, 1-7.	1.6	5
10	Design of DGT-based linear and non-linear equalizers for GFDM transmission. Physical Communication, 2020, 42, 101144.	2.1	4
11	Physical Layer Abstraction for Multi-Connectivity Communications: Modeling and Analysis. IEEE Transactions on Wireless Communications, 2022, 21, 1779-1793.	9.2	4
12	Physical Layer Performance Modeling of Modern Multicarrier Modulation Techniques. IEEE Transactions on Communications, 2022, 70, 3725-3741.	7.8	4
13	Closed form relations for ICI and BER in FRFT based OFDM system. , 2013, , .		3
14	2D Active Antenna Array Design for mMIMO to Improve Spectral and Energy Efficiency. , 2019, , .		2
15	Upper Bound on Side Lobe Levels for mMIMO Antennas to Evaluate the Beam Steering Capability. IEEE Communications Letters, 2021, 25, 289-293.	4.1	1
16	An exact SER expression for QPSK OFDM system in presence of residual CFO and STO. , 2016, , .		0