

# Abdelmohsen Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

660  
citations

1478505

6  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of Time and Frequency Approaches for Synchronization Tracking in 5G NR Systems. , 2021, , .		1
2	Generalized FFT-Based One-Bit Quantization System for Wideband Spectrum Sensing. IEEE Transactions on Communications, 2020, 68, 82-92.	7.8	7
3	Power-Efficient Wideband Spectrum Sensing for Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3269-3283.	6.3	11
4	Fast-Decoding Channel Estimation Technique for Downlink Control Channel in LTE-MTC Systems. , 2018, , .		1
5	Cooperative Low-Power Wideband Sensing Based on 1-bit Quantization. IEEE Communications Letters, 2018, 22, 368-371.	4.1	2
6	On the Cell Search and Initial Synchronization for NB-IoT LTE Systems. IEEE Communications Letters, 2017, 21, 1843-1846.	4.1	40
7	Cellular LTE-A Technologies for the Future Internet-of-Things: Physical Layer Features and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 2544-2572.	39.4	86
8	Advances on Spectrum Sensing for Cognitive Radio Networks: Theory and Applications. IEEE Communications Surveys and Tutorials, 2017, 19, 1277-1304.	39.4	439
9	Cell search evaluation: A step towards the next generation LTE-MTC systems. , 2016, , .		4
10	A novel one-bit quantization design for correlation-based low-power wideband sensing. , 2016, , .		4
11	Employing Broadcast Channel for Frequency Tracking in LTE-MTC Systems. IEEE Wireless Communications Letters, 2016, 5, 436-439.	5.0	6
12	Low Power Wideband Sensing for One-Bit Quantized Cognitive Radio Systems. IEEE Wireless Communications Letters, 2016, 5, 16-19.	5.0	16
13	A Novel Spectrum Monitoring Algorithm for OFDM-Based Cognitive Radio Networks. , 2015, , .		3
14	Spectrum Monitoring Using Energy Ratio Algorithm for OFDM-Based Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2257-2268.	9.2	40
15	A Novel Spectrum Monitoring Algorithm for OFDM-Based Cognitive Radio Networks. , 2014, , .		0