

# Talha Rahman

## List of Publications by Year in descending order

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15  
papers

203  
citations

1684188

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1872680

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g-index

15  
all docs

15  
docs citations

15  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Handover Experiments with UAVs. , 2022, , .		1
2	Iterative Equalization of STSK-Aided Single-Carrier Systems: Design and Analysis With Non-Ideal Power Amplifiers. IEEE Transactions on Vehicular Technology, 2022, 71, 453-462.	6.3	4
3	AI-Driven Demodulators for Nonlinear Receivers in Shared Spectrum with High-Power Blockers. , 2022, , .		1
4	Iterative Space Time Block Equalizer for Single Carrier Systems with Receiver Nonlinearity. , 2022, , .		0
5	Deep Q-Network for 5G NR Downlink Scheduling. , 2022, , .		3
6	Task Allocation in Clusters of Cognitive Nodes: A Remuneration-Aided Approach. , 2019, , .		1
7	Application Task Allocation in Cognitive IoT: A Reward-Driven Game Theoretical Approach. IEEE Transactions on Wireless Communications, 2019, 18, 5571-5583.	9.2	10
8	A Novel Uplink Multiple Access Technique Based on Index-Modulation Concept. IEEE Transactions on Communications, 2019, 67, 4848-4855.	7.8	46
9	Space-Time Shift Keying and Constant-Envelope OFDM: A New Solution for Future Mm-Wave MIMO Multicarrier Systems. , 2018, , .		1
10	Constant-Envelope Multicarrier Waveforms for Millimeter Wave 5G Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 9406-9420.	6.3	23
11	Millimeter-Wave Transmission for Small-Cell Backhaul in Dense Urban Environment: a Solution Based on MIMO-OFDM and Space-Time Shift Keying (STSK). IEEE Access, 2017, 5, 4000-4017.	4.2	27
12	Mm-Wave STSK-aided Single Carrier block transmission for broadband networking. , 2017, , .		7
13	The role of small cell technology in future Smart City applications. Transactions on Emerging Telecommunications Technologies, 2014, 25, 11-20.	3.9	61
14	Constant-envelope SC-FDMA for nonlinear satellite channels. , 2013, , .		15
15	Opportunistic radio access techniques for emergency communications: Preliminary analysis and results. , 2012, , .		3