

# Tanumay Manna

## List of Publications by Year in descending order

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13  
papers

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1937685

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Scheduled Access Mode of the IEEE 802.15.6 MAC Protocol under Non-Ideal Channel Conditions. IEEE Transactions on Mobile Computing, 2020, 19, 935-953.	5.8	10
2	Design of Resource/Energy-Efficient Energy Detector for Real-Time Cognitive Radio using WARP. , 2019, , .		2
3	Design, implementation and analysis of cognitive radio enabled intelligent WBAN gateway for cost-efficient remote health monitoring. Physical Communication, 2019, 35, 100713.	2.1	7
4	Implementation of Energy Efficient WBAN Using IEEE 802.15.6 Scheduled Access MAC with Fast DWT Based Backhaul Data Compression for e-Healthcare. Lecture Notes in Computer Science, 2019, , 26-51.	1.3	0
5	Implementation of energy efficient WBAN using IEEE 802.15.6 scheduled access MAC for e-healthcare. , 2018, , .		3
6	A prediction and scheduling framework in centralized cognitive radio network for energy efficient non-real time communication. International Journal of Communication Systems, 2018, 31, e3716.	2.5	1
7	Designing an analytical model for IEEE 802.15.6 scheduled access mode in non-saturation regime. , 2016, , .		0
8	A Fast Hardware Based Hidden Markov Model Predictor for Cognitive Radio. , 2016, , .		2
9	Design and Implementation of VoIP Based Two-Tier Cognitive Radio Network for Improved Spectrum Utilization. IEEE Systems Journal, 2016, 10, 370-381.	4.6	14
10	A Framework for Implementation of Wireless Body Area Network over Software Defined Radios. , 2015, , .		3
11	Implementation of relay based collaborative spectrum sensing using coalitional games in wireless cognitive radio networks. Computers and Electrical Engineering, 2015, 45, 77-99.	4.8	9
12	Collaborative spectrum sensing in real cognitive radio network. , 2013, , .		4
13	Joint optimization of detection thresholds and power allocation in OFDM based cognitive femtocell networks. , 2013, , .		3