Mahasweta Sarkar

List of Publications by Year
in descending order

33 papers	287 citations	1684188 5 h-index	1588992 8 g-index
34 all docs	34 docs citations	34 times ranked	344 citing authors

#	Article	IF	Citations
1	A Novel Scheme for an Energy Efficient Internet of Things Based on Wireless Sensor Networks. Sensors, 2015, 15, 28603-28626.	3.8	175
2	A Strategy for Live Migration of Virtual Machines in a Cloud Federation. IEEE Systems Journal, 2019, 13, 2877-2887.	4.6	15
3	A Game Theoretic Approach to Estimate Fair Cost of VM Placement in Cloud Data Center. IEEE Systems Journal, 2018, 12, 3509-3518.	4.6	10
4	QoS and Selfish Users: A MAC Layer Perspective. , 2007, , .		9
5	Ultra wideband channel characterization for invasive biomedical applications. , 2016, , .		7
6	Peripheral Nerve Magnetoneurography With Optically Pumped Magnetometers. Frontiers in Physiology, 2022, 13, 798376.	2.8	7
7	Channel modelling based on statistical analysis for brain-computer-interface (BCI) applications. , 2016, , .		6
8	Artificial immune system (AIS)-based location management scheme in mobile cellular networks. Iran Journal of Computer Science, 2018, 1, 227-236.	2.5	6
9	A MAC Layer Protocol for Sensor Networks Using Directional Antennas. , 2010, , .		5
10	A hybrid queuing model for Virtual Machine placement in cloud data center. , 2015, , .		5
11	Bee System Based Base Station Cooperation Technique for Mobile Cellular Networks. Wireless Personal Communications, 2017, 92, 1193-1220.	2.7	5
12	A MAC Layer Dynamic Power Management Scheme for Multiple Users in a WLAN. , 2007, , .		4
13	Investigating the feasibility of multiple UWB transmitters in brain computer interface (BCI) applications. , 2016, , .		4
14	Adaptive Modulation for Limited Diversity Fading Channels. , 2009, , .		3
15	Bee system-based energy efficient base station operation in mobile cellular networks. , 2015, , .		3
16	Asynchronous device discovery and rendezvous protocol for D2D communication. , 2016, , .		3
17	Quality of Experience for video streaming: A contemporary survey. , 2017, , .		3
18	A QoS and Power Aware MAC Layer Protocol for Wireless Ad Hoc Networks. , 2008, , .		2

#	Article	IF	Citations
19	Evaluating a QoS-supportive MAC layer protocol for WLANs. , 2008, , .		2
20	A smart transmission scheme for emergency data from a network of bio-sensors on the human body. , 2012, , .		2
21	A comparative study of MAC protocols in brain-computer interface (BCI) applications. , 2017, , .		2
22	Hybrid MAC Protocol for Brain–Computer Interface Applications. IEEE Systems Journal, 2021, 15, 1567-1577.	4.6	2
23	FPGA-based Edge Inferencing for Fall Detection. , 2020, , .		2
24	A Device Centric Communication System for 5G Networks. International Journal of Handheld Computing Research, 2014, 5, 60-72.	0.4	1
25	A novel power allocation technique for 4G cellular networks. , 2014, , .		1
26	Orthogonal Channelization of Backscattering Tags using Golay Complementary Sequences. , 2018, , .		1
27	User throughput-based quality of experience evaluation for in flight video streaming. , 2018, , .		1
28	Dynamic Management of QoS for Multimedia Multicasting. , 2008, , .		0
29	Auction based resource allocation in WiMAX. , 2013, , .		0
30	Design of 4G LTE testbed for implementing Green Cellular Algorithm. , 2017, , .		0
31	A Real Time Power Update Scheme for the Smart Grid Using TVWS. , 2018, , .		0
32	Quasi-Coherent Demodulation of Ambient FM Signal Backscatter. , 2019, , .		0
33	Deep Learning Architectures for Skateboarder–Pedestrian Surrogate Safety Measures. Future Transportation, 2021, 1, 387-413.	2.3	0