

Mahasweta Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

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	Peripheral Nerve Magnetoneurography With Optically Pumped Magnetometers. <i>Frontiers in Physiology</i> , 2022, 13, 798376.	2.8	7
2	Hybrid MAC Protocol for Brain-Computer Interface Applications. <i>IEEE Systems Journal</i> , 2021, 15, 1567-1577.	4.6	2
3	Deep Learning Architectures for Skateboarder-Pedestrian Surrogate Safety Measures. <i>Future Transportation</i> , 2021, 1, 387-413.	2.3	0
4	FPGA-based Edge Inferencing for Fall Detection. , 2020, , .		2
5	Quasi-Coherent Demodulation of Ambient FM Signal Backscatter. , 2019, , .		0
6	A Strategy for Live Migration of Virtual Machines in a Cloud Federation. <i>IEEE Systems Journal</i> , 2019, 13, 2877-2887.	4.6	15
7	A Game Theoretic Approach to Estimate Fair Cost of VM Placement in Cloud Data Center. <i>IEEE Systems Journal</i> , 2018, 12, 3509-3518.	4.6	10
8	Orthogonal Channelization of Backscattering Tags using Golay Complementary Sequences. , 2018, , .		1
9	Artificial immune system (AIS)-based location management scheme in mobile cellular networks. <i>Iran Journal of Computer Science</i> , 2018, 1, 227-236.	2.5	6
10	User throughput-based quality of experience evaluation for in flight video streaming. , 2018, , .		1
11	A Real Time Power Update Scheme for the Smart Grid Using TVWS. , 2018, , .		0
12	Bee System Based Base Station Cooperation Technique for Mobile Cellular Networks. <i>Wireless Personal Communications</i> , 2017, 92, 1193-1220.	2.7	5
13	A comparative study of MAC protocols in brain-computer interface (BCI) applications. , 2017, , .		2
14	Design of 4G LTE testbed for implementing Green Cellular Algorithm. , 2017, , .		0
15	Quality of Experience for video streaming: A contemporary survey. , 2017, , .		3
16	Channel modelling based on statistical analysis for brain-computer-interface (BCI) applications. , 2016, , .		6
17	Investigating the feasibility of multiple UWB transmitters in brain computer interface (BCI) applications. , 2016, , .		4
18	Asynchronous device discovery and rendezvous protocol for D2D communication. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Ultra wideband channel characterization for invasive biomedical applications. , 2016, , .		7
20	A Novel Scheme for an Energy Efficient Internet of Things Based on Wireless Sensor Networks. Sensors, 2015, 15, 28603-28626.	3.8	175
21	A hybrid queuing model for Virtual Machine placement in cloud data center. , 2015, , .		5
22	Bee system-based energy efficient base station operation in mobile cellular networks. , 2015, , .		3
23	A Device Centric Communication System for 5G Networks. International Journal of Handheld Computing Research, 2014, 5, 60-72.	0.4	1
24	A novel power allocation technique for 4G cellular networks. , 2014, , .		1
25	Auction based resource allocation in WiMAX. , 2013, , .		0
26	A smart transmission scheme for emergency data from a network of bio-sensors on the human body. , 2012, , .		2
27	A MAC Layer Protocol for Sensor Networks Using Directional Antennas. , 2010, , .		5
28	Adaptive Modulation for Limited Diversity Fading Channels. , 2009, , .		3
29	A QoS and Power Aware MAC Layer Protocol for Wireless Ad Hoc Networks. , 2008, , .		2
30	Evaluating a QoS-supportive MAC layer protocol for WLANs. , 2008, , .		2
31	Dynamic Management of QoS for Multimedia Multicasting. , 2008, , .		0
32	QoS and Selfish Users: A MAC Layer Perspective. , 2007, , .		9
33	A MAC Layer Dynamic Power Management Scheme for Multiple Users in a WLAN. , 2007, , .		4