Mithun Mukherjee

List of Publications by Year
in descending order

71	3,729	331670 21	206112 48
papers	citations	h-index	g-index

72	72	72	4286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Beacon and GTS Scheduling Scheme for IEEE 802.15.4 DSME Networks. IEEE Internet of Things Journal, 2022, 9, 5162-5172.	8.7	5
2	Cryptanalysis of a Honeyword System in the IoT Platform. IEEE Internet of Things Journal, 2022, 9, 2614-2626.	8.7	3
3	DADC: A Novel Duty-cycling Scheme for IEEE 802.15.4 Cluster-tree-based IoT Applications. ACM Transactions on Internet Technology, 2022, 22, 1-26.	4.4	2
4	Online multiple object tracking based on fusing global and partial features. Neurocomputing, 2022, 470, 190-203.	5.9	9
5	Guest Editorial: Security and Privacy of Federated Learning Solutions for Industrial IoT Applications. IEEE Transactions on Industrial Informatics, 2022, 18, 3519-3521.	11.3	4
6	Optimal Pricing for Offloaded Hard- and Soft-Deadline Tasks in Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9829-9839.	8.0	8
7	Demo: TINGLE: Pushing Edge Intelligence in Synchronization and Useful Data Transfer for Human-Robotic Arm Interactions. , 2022, , .		1
8	Delay-Optimal and Incentive-Aware Computation Offloading for Reconfigurable Intelligent Surface-Assisted Mobile Edge Computing. IEEE Networking Letters, 2022, 4, 127-131.	1.9	0
9	NCHR: A Nonthreshold-Based Cluster-Head Rotation Scheme for IEEE 802.15.4 Cluster-Tree Networks. IEEE Internet of Things Journal, 2021, 8, 168-178.	8.7	15
10	A Survey of Multiple Pedestrian Tracking Based on Tracking-by-Detection Framework. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1819-1833.	8.3	62
11	Multiple Kernel Driven Clustering With Locally Consistent and Selfish Graph in Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 2956-2963.	11.3	24
12	Channel Modeling and Characteristics for 6G Wireless Communications. IEEE Network, 2021, 35, 296-303.	6.9	59
13	Multikernel Clustering via Non-Negative Matrix Factorization Tailored Graph Tensor Over Distributed Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1946-1956.	14.0	17
14	Energy-Efficient Resource Allocation in Radio-Frequency-Powered Cognitive Radio Network for Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5426-5436.	8.0	13
15	Cognitive Automation for Smart Decision-Making in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 2152-2159.	11.3	15
16	A deep multimodal system for provenance filtering with universal forgery detection and localization. Multimedia Tools and Applications, 2021, 80, 17025-17044.	3.9	5
17	A Joint Filter and Spectrum Shifting Architecture for Low Complexity Flexible UFMC in 5G. IEEE Transactions on Wireless Communications, 2021, 20, 6706-6714.	9.2	4
18	Diversity and consistency embedding learning for multi-view subspace clustering. Applied Intelligence, 2021, 51, 6771-6784.	5.3	16

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19	Achievable Rate of NOMA-Based DF Relaying System With Imperfect SIC Over Imperfect Estimation of Î¹-Î¼ Shadowed Fading Channels. IEEE Communications Letters, 2021, 25, 2171-2175.	4.1	7
20	A General Wideband Non-Stationary Stochastic Channel Model for Intelligent Reflecting Surface-Assisted MIMO Communications. IEEE Transactions on Wireless Communications, 2021, 20, 5314-5328.	9.2	33
21	HA-MPPNet: Height Aware-Multi Path Parallel Network for High Spatial Resolution Remote Sensing Image Semantic Seg-Mentation. ISPRS International Journal of Geo-Information, 2021, 10, 672.	2.9	1
22	Collaborative Edge Learning in MIMO-NOMA Uplink Transmission Environment. , 2021, , .		0
23	HAWK-i. , 2021, , .		2
24	Long-short Term Prediction for Occluded Multiple Object Tracking. , 2021, , .		0
25	An Improved Online Multiple Pedestrian Tracking Based on Head and Body Detection. , 2021, , .		0
26	Reconfigurable Intelligent Surface-assisted Edge Computing to Minimize Delay in Task Offloading. , 2021, , .		1
27	Peak AoI-Aware Network Lifetime Maximization in Underwater Acoustic Sensor Networks. , 2021, , .		0
28	Detecting the Dangerous Area of Toxic Gases with Wireless Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 137-147.	4.6	24
29	Reconfigurable Architecture of UFMC Transmitter for 5G and Its FPGA Prototype. IEEE Systems Journal, 2020, 14, 28-38.	4.6	11
30	DPTO: A Deadline and Priority-Aware Task Offloading in Fog Computing Framework Leveraging Multilevel Feedback Queueing. IEEE Internet of Things Journal, 2020, 7, 5773-5782.	8.7	110
31	Deadline-Aware Fair Scheduling for Offloaded Tasks in Fog Computing With Inter-Fog Dependency. IEEE Communications Letters, 2020, 24, 307-311.	4.1	51
32	Latency-Driven Parallel Task Data Offloading in Fog Computing Networks for Industrial Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 6050-6058.	11.3	58
33	Robust energy preserving embedding for multi-view subspace clustering. Knowledge-Based Systems, 2020, 210, 106489.	7.1	19
34	Intelligent Edge Computing: Security and Privacy Challenges. IEEE Communications Magazine, 2020, 58, 26-31.	6.1	24
35	Computation Offloading Strategy in Heterogeneous Fog Computing with Energy and Delay Constraints. , 2020, , .		14
36	Distributed Deep Learning-based Task Offloading for UAV-enabled Mobile Edge Computing. , 2020, , .		26

#	Article	IF	Citations
37	Revenue Maximization in Delay-Aware Computation Offloading Among Service Providers With Fog Federation. IEEE Communications Letters, 2020, 24, 1799-1803.	4.1	15
38	A Performance-to-Cost Analysis of IEEE 802.15.4 MAC With 802.15.4e MAC Modes. IEEE Access, 2020, 8, 41936-41950.	4.2	39
39	A Hardware-Efficient and Reconfigurable UFMC Transmitter Architecture With its FPGA Prototype. IEEE Embedded Systems Letters, 2020, 12, 109-112.	1.9	3
40	Low-Rank Hypergraph Hashing for Large-Scale Remote Sensing Image Retrieval. Remote Sensing, 2020, 12, 1164.	4.0	11
41	Capacity optimization using augmented lagrange method in intelligent reflecting surface-based MIMO communication systems. China Communications, 2020, 17, 123-138.	3.2	7
42	Delay-sensitive and Priority-aware Task Offloading for Edge Computing-assisted Healthcare Services. , 2020, , .		11
43	Joint Task Offloading and Resource Allocation for Delay-Sensitive Fog Networks. , 2019, , .		55
44	Blockchain and Random Subspace Learning-Based IDS for SDN-Enabled Industrial IoT Security. Sensors, 2019, 19, 3119.	3.8	107
45	LBS: A Beacon Synchronization Scheme With Higher Schedulability for IEEE 802.15.4 Cluster-Tree-Based IoT Applications. IEEE Internet of Things Journal, 2019, 6, 8883-8896.	8.7	16
46	Task Data Offloading and Resource Allocation in Fog Computing With Multi-Task Delay Guarantee. IEEE Access, 2019, 7, 152911-152918.	4.2	34
47	An Optimized Task Placement in Computational Offloading for Fog-Cloud Computing Networks. , 2019, , .		1
48	Blockchain Technologies for the Internet of Things: Research Issues and Challenges. IEEE Internet of Things Journal, 2019, 6, 2188-2204.	8.7	480
49	Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges. IEEE Access, 2018, 6, 6505-6519.	4.2	742
50	A Survey on Fault Diagnosis in Wireless Sensor Networks. IEEE Access, 2018, 6, 11349-11364.	4.2	112
51	Survey of Fog Computing: Fundamental, Network Applications, and Research Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 1826-1857.	39.4	471
52	Challenges and Research Issues of Data Management in IoT for Large-Scale Petrochemical Plants. IEEE Systems Journal, 2018, 12, 2509-2523.	4.6	38
53	Transmission and Latency-Aware Load Balancing for Fog Radio Access Networks. , 2018, , .		17
54	A Non-Threshold-Based Cluster-Head Rotation Scheme for IEEE 802.15.4 Cluster-Tree Networks. , 2018, , .		6

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55	Privacy-preserving Schemes for Fog-based IoT Applications: Threat models, Solutions, and Challenges. , 2018, , .		16
56	Guest Editorial Fog Computing for Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 4481-4486.	11.3	5
57	NBC-MAIDS: NaÃ¯ve Bayesian classification technique in multi-agent system-enriched IDS for securing IoT against DDoS attacks. Journal of Supercomputing, 2018, 74, 5156-5170.	3.6	103
58	A Survey on Proactive, Active and Passive Fault Diagnosis Protocols for WSNs: Network Operation Perspective. Sensors, 2018, 18, 1787.	3.8	13
59	Beacon Synchronization and Duty-Cycling in IEEE 802.15.4 Cluster-Tree Networks: A Review. IEEE Internet of Things Journal, 2018, 5, 1765-1788.	8.7	27
60	Releasing Network Isolation Problem in Group-Based Industrial Wireless Sensor Networks. IEEE Systems Journal, 2017, 11, 1340-1350.	4.6	20
61	Sleep scheduling in wireless powered industrial wireless sensor networks. , 2017, , .		8
62	Prolonging global connectivity in group-based industrial wireless sensor networks. , 2017, , .		3
63	Internet of Things for Disaster Management: State-of-the-Art and Prospects. IEEE Access, 2017, 5, 18818-18835.	4.2	190
64	Adaptive Duty Cycling in IEEE 802.15.4 Cluster Tree Networks Using MAC Parameters. , 2017, , .		11
65	Security and Privacy in Fog Computing: Challenges. IEEE Access, 2017, 5, 19293-19304.	4.2	413
66	Geographic Routing in Duty-Cycled Industrial Wireless Sensor Networks With Radio Irregularity. IEEE Access, 2016, 4, 9043-9052.	4.2	17
67	A Survey on Gas Leakage Source Detection and Boundary Tracking with Wireless Sensor Networks. IEEE Access, 2016, 4, 1700-1715.	4.2	48
68	On optimization of CI/MC-CDMA system. , 2009, , .		9
69	A High Capacity CI/MC-CDMA System for Reduction in PAPR. , 2009, , .		10
70	Combined phase and code optimization for PAPR reduction in M-ary CI/MC-CDMA system. , 2009, , .		0
71	Subcarrier PIC Scheme for High Capacity CI/MC-CDMA System with Variable Data Rates. , 2009, , .		15