

Kuljeet Kaur

List of Publications by Year in descending order

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3733
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-Aware Access Control in IoT-Enabled Healthcare: A Federated Deep Learning Approach. IEEE Internet of Things Journal, 2023, 10, 2893-2902.	5.5	16
2	Blockchain-Based Privacy-Preserving Authentication Model Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7435-7443.	4.7	6
3	Intelligent Anomaly Detection of Trajectories for IoT Empowered Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, , 1-10.	4.7	5
4	EDCSuS: Sustainable Edge Data Centers as a Service in SDN-Enabled Vehicular Environment. IEEE Transactions on Sustainable Computing, 2022, 7, 263-276.	2.2	33
5	A Multi-Objective Optimization Scheme for Job Scheduling in Sustainable Cloud Data Centers. IEEE Transactions on Cloud Computing, 2022, 10, 172-186.	3.1	21
6	Heuristic Optimization of Multipulse Rectifier for Reduced Energy Consumption. IEEE Transactions on Industrial Informatics, 2022, 18, 5515-5526.	7.2	14
7	ML-Based IDPS Enhancement With Complementary Features for Home IoT Networks. IEEE Transactions on Network and Service Management, 2022, 19, 772-783.	3.2	13
8	A NOMA-Enabled Framework for Relay Deployment and Network Optimization in Double-Layer Airborne Access VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22452-22466.	4.7	34
9	SDN-NFV-Aided Edge-Cloud Interplay for 5G-Envisioned Energy Internet Ecosystem. IEEE Network, 2021, 35, 356-364.	4.9	8
10	Energy and SLA-driven MapReduce Job Scheduling Framework for Cloud-based Cyber-Physical Systems. ACM Transactions on Internet Technology, 2021, 21, 1-24.	3.0	1
11	Blockchain-Based Cyber-Physical Security for Electrical Vehicle Aided Smart Grid Ecosystem. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5178-5189.	4.7	37
12	Guest Editorial: Special Section on Transfer Learning for 5G-Aided Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7070-7074.	7.2	7
13	Newton-interpolation-based zk-SNARK for Artificial Internet of Things. Ad Hoc Networks, 2021, 123, 102656.	3.4	18
14	Toward Secure and Provable Authentication for Internet of Things: Realizing Industry 4.0. IEEE Internet of Things Journal, 2020, 7, 4598-4606.	5.5	78
15	A multi-stage anomaly detection scheme for augmenting the security in IoT-enabled applications. Future Generation Computer Systems, 2020, 104, 105-118.	4.9	76
16	En-ABC: An ensemble artificial bee colony based anomaly detection scheme for cloud environment. Journal of Parallel and Distributed Computing, 2020, 135, 219-233.	2.7	81
17	Secure and Lightweight Authentication Scheme for Smart Metering Infrastructure in Smart Grid. IEEE Transactions on Industrial Informatics, 2020, 16, 3548-3557.	7.2	90
18	An Adaptive Grid Frequency Support Mechanism for Energy Management in Cloud Data Centers. IEEE Systems Journal, 2020, 14, 1195-1205.	2.9	14

#	ARTICLE	IF	CITATIONS
19	A Big Data-Enabled Consolidated Framework for Energy Efficient Software Defined Data Centers in IoT Setups. IEEE Transactions on Industrial Informatics, 2020, 16, 2687-2697.	7.2	75
20	KEIDS: Kubernetes-Based Energy and Interference Driven Scheduler for Industrial IoT in Edge-Cloud Ecosystem. IEEE Internet of Things Journal, 2020, 7, 4228-4237.	5.5	96
21	Secure Authentication and Key Agreement Protocol for Tactile Internet-based Tele-Surgery Ecosystem. , 2020, , .		5
22	ECC-based Secure and Provable Authentication Mechanism for Smart Healthcare Ecosystem. , 2020, , .		2
23	ESP-VDCE: Energy, SLA, and Price-driven Virtual Data Center Embedding. , 2020, , .		2
24	A Collaborative Security Framework for Software-Defined Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 2602-2615.	4.5	57
25	Fuzzy-Folded Bloom Filter-as-a-Service for Big Data Storage in the Cloud. IEEE Transactions on Industrial Informatics, 2019, 15, 2338-2348.	7.2	43
26	SAFE: SDN-Assisted Framework for Edge-Cloud Interplay in Secure Healthcare Ecosystem. IEEE Transactions on Industrial Informatics, 2019, 15, 469-480.	7.2	96
27	A Hybrid Deep Learning-Based Model for Anomaly Detection in Cloud Datacenter Networks. IEEE Transactions on Network and Service Management, 2019, 16, 924-935.	3.2	187
28	Blockchain-Based Lightweight Authentication Mechanism for Vehicular Fog Infrastructure. , 2019, , .		63
29	Sec-loV. , 2019, , .		17
30	Demand-Response Management Using a Fleet of Electric Vehicles: An Opportunistic-SDN-Based Edge-Cloud Framework for Smart Grids. IEEE Network, 2019, 33, 46-53.	4.9	36
31	A Secure, Lightweight, and Privacy-Preserving Authentication Scheme for V2G Connections in Smart Grid. , 2019, , .		15
32	An Efficient Blockchain-Based Hierarchical Authentication Mechanism for Energy Trading in V2G Environment. , 2019, , .		39
33	MobQoS: Mobility-Aware and QoS-Driven SDN Framework for Autonomous Vehicles. IEEE Wireless Communications, 2019, 26, 12-20.	6.6	66
34	En-OsCo. , 2019, , .		15
35	SDN-Based Secure and Privacy-Preserving Scheme for Vehicular Networks: A 5G Perspective. IEEE Transactions on Vehicular Technology, 2019, 68, 8421-8434.	3.9	93
36	Edge Computing-Based Security Framework for Big Data Analytics in VANETs. IEEE Network, 2019, 33, 72-81.	4.9	139

#	ARTICLE	IF	CITATIONS
37	ECC-based Secure and Lightweight Authentication Protocol for Mobile Environment. , 2019, , .		0
38	LiSA: A Lightweight and Secure Authentication Mechanism for Smart Metering Infrastructure. , 2019, , .		7
39	EnLoB: Energy and Load Balancing-Driven Container Placement Strategy for Data Centers. , 2019, , .		7
40	A Lightweight and Privacy-Preserving Authentication Protocol for Mobile Edge Computing. , 2019, , .		27
41	Managing Fog Networks using Reinforcement Learning Based Load Balancing Algorithm. , 2019, , .		51
42	An Energy-driven Network Function Virtualization for Multi-domain Software Defined Networks. , 2019, , .		16
43	SDN-Based Internet of Autonomous Vehicles: An Energy-Efficient Approach for Controller Placement. IEEE Wireless Communications, 2019, 26, 72-79.	6.6	30
44	Securing Fog-to-Things Environment Using Intrusion Detection System Based On Ensemble Learning. , 2019, , .		53
45	Hybrid Deep-Learning-Based Anomaly Detection Scheme for Suspicious Flow Detection in SDN: A Social Multimedia Perspective. IEEE Transactions on Multimedia, 2019, 21, 566-578.	5.2	206
46	Multiobjective Optimization for Frequency Support Using Electric Vehicles: An Aggregator-Based Hierarchical Control Mechanism. IEEE Systems Journal, 2019, 13, 771-782.	2.9	44
47	Renewable Energy-Based Multi-Indexed Job Classification and Container Management Scheme for Sustainability of Cloud Data Centers. IEEE Transactions on Industrial Informatics, 2019, 15, 2947-2957.	7.2	85
48	Coordinated Power Control of Electric Vehicles for Grid Frequency Support: MILP-Based Hierarchical Control Design. IEEE Transactions on Smart Grid, 2019, 10, 3364-3373.	6.2	119
49	Edge Computing in the Industrial Internet of Things Environment: Software-Defined-Networks-Based Edge-Cloud Interplay. , 2018, 56, 44-51.		297
50	A Game of Incentives. , 2018, , .		8
51	HyClass: Hybrid Classification Model for Anomaly Detection in Cloud Environment. , 2018, , .		21
52	Container-as-a-Service at the Edge: Trade-off between Energy Efficiency and Service Availability at Fog Nano Data Centers. IEEE Wireless Communications, 2017, 24, 48-56.	6.6	154
53	Lightweight Authentication Protocol for RFID-Enabled Systems Based on ECC. , 2016, , .		19
54	Fleet of electric vehicles for frequency support in Smart Grid using 2-layer hierarchical control mechanism. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
55	An intelligent RFID-enabled authentication scheme for healthcare applications in vehicular mobile cloud. Peer-to-Peer Networking and Applications, 2016, 9, 824-840.	2.6	80
56	Decision Tree and SVM-Based Data Analytics for Theft Detection in Smart Grid. IEEE Transactions on Industrial Informatics, 2016, 12, 1005-1016.	7.2	365
57	A Colored Petri Net Based Frequency Support Scheme Using Fleet of Electric Vehicles in Smart Grid Environment. IEEE Transactions on Power Systems, 2016, 31, 4638-4649.	4.6	55
58	Integrated fleet of electric vehicles as a frequency regulation agent in the grid. , 2015, , .		1
59	Providing healthcare services on-the-fly using multi-player cooperation game theory in Internet of Vehicles (IoV) environment. Digital Communications and Networks, 2015, 1, 191-203.	2.7	42
60	A Novel Resource Reservation Scheme for Mobile PHEVs in V2G Environment Using Game Theoretical Approach. IEEE Transactions on Vehicular Technology, 2015, 64, 5653-5666.	3.9	52
61	Smart grid with cloud computing: Architecture, security issues and defense mechanism. , 2014, , .		5