

Shayla Islam

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

1,832
citations

266019

23
h-index

286620

40
g-index

102
all docs

102
docs citations

102
times ranked

2074
citing authors

#	ARTICLE	IF	CITATIONS
1	Encrypted images in a Vâ€BLAST</scp> assisted <scp>SCâ€FDMA</scp> wireless communication system. Transactions on Emerging Telecommunications Technologies, 2024, 35, .	3.9	2
2	Federated Learning for Computational Offloading and Resource Management of Vehicular Edge Computing in 6G-V2X Network. IEEE Transactions on Consumer Electronics, 2024, 70, 3827-3847.	3.7	6
3	Multimodal Hate Speech Detection in Memes Using Contrastive Language-Image Pre-Training. IEEE Access, 2024, 12, 22359-22375.	4.4	0
4	Secure AI for 6G Mobile Devices: Deep Learning Optimization Against Side-Channel Attacks. IEEE Transactions on Consumer Electronics, 2024, 70, 3951-3959.	3.7	0
5	Hybrid bat and salp swarm algorithm for feature selection and classification of crisis-related tweets in Social Networks. IEEE Access, 2024, , 1-1.	4.4	0
6	An Improved Binary Spider Wasp Optimization Algorithm for Intrusion Detection for Industrial Internet of Things. IEEE Open Journal of the Communications Society, 2024, , 1-1.	7.4	0
7	Mobile Networks Toward 5G/6G: Network Architecture, Opportunities and Challenges in Smart City. IEEE Open Journal of the Communications Society, 2024, , 1-1.	7.4	1
8	Review on Hybrid Deep Learning Models for Enhancing Encryption Techniques Against Side Channel Attacks. IEEE Access, 2024, , 1-1.	4.4	0
9	Sustainable Non-Cooperative User Detection Techniques in 5G Communications for Smart City Users. Sustainability, 2023, 15, 118.	3.3	0
10	Co-Evolving Popularity Prediction in Temporal Bipartite Networks: A Heuristics Based Model. IEEE Access, 2023, 11, 37546-37559.	4.4	7
11	Data security in smart devices: Advancement, constraints and future recommendations. IET Networks, 2023, 12, 269-281.	1.9	5
12	Optimized Visual Internet of Things for Video Streaming Enhancement in 5G Sensor Network Devices. Sensors, 2023, 23, 5072.	4.0	5
13	Predicting the Future Popularity of Academic Publications Using Deep Learning by Considering It as Temporal Citation Networks. IEEE Access, 2023, 11, 83052-83068.	4.4	10
14	An Explainable Ensemble Deep Learning Approach for Intrusion Detection in Industrial Internet of Things. IEEE Access, 2023, 11, 115047-115061.	4.4	7
15	Improving the rotary kiln-electric furnace process for ferronickel production: Data analytics-based assessment of dust insufflation into the rotary kiln flame. AEJ - Alexandria Engineering Journal, 2022, 61, 3215-3228.	6.7	3
16	Cloud to cloud data migration using self sovereign identity for 5G and beyond. Cluster Computing, 2022, 25, 2317-2331.	5.2	14
17	Blockchain Technology on Smart Grid, Energy Trading, and Big Data: Security Issues, Challenges, and Recommendations. Wireless Communications and Mobile Computing, 2022, 2022, 1-26.	1.4	68
18	A Novel Resource Oriented DMA Framework for Internet of Medical Things Devices in 5G Network. IEEE Transactions on Industrial Informatics, 2022, 18, 8895-8904.	12.1	58

#	ARTICLE	IF	CITATIONS
19	Evolution of Industry and Blockchain Era: Monitoring Price Hike and Corruption Using BloT for Smart Government and Industry 4.0. IEEE Transactions on Industrial Informatics, 2022, 18, 9153-9161.	12.1	42
20	Energy efficient data detection with low complexity for an uplink multi-user massive MIMO system. Computers and Electrical Engineering, 2022, 101, 108045.	5.2	5
21	Window Functions for Phasor Signal Processing of Wide-Area Measurement in Smart Grid Internet of Things Communications. EAI/Springer Innovations in Communication and Computing, 2022, , 49-66.	0.0	0
22	Cloud Internet of Things in Medical and Smart Healthcare Applications. EAI/Springer Innovations in Communication and Computing, 2022, , 89-105.	0.0	0
23	Performance Analysis of Modulation Techniques over a Smart City Optical Communication Channel Under Weak Atmospheric Turbulence. EAI/Springer Innovations in Communication and Computing, 2022, , 195-213.	0.0	0
24	Securing Internet of Things devices against code tampering attacks using Return Oriented Programming. Computer Communications, 2022, 193, 38-46.	5.5	11
25	DVAEGMM: Dual Variational Autoencoder With Gaussian Mixture Model for Anomaly Detection on Attributed Networks. IEEE Access, 2022, 10, 91160-91176.	4.4	12
26	Artificial Intelligence-Powered Contactless Face Recognition Technique for Internet of Things Access for Smart Mobility. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.4	1
27	Unmasking Of pathologic Q waves by left bundle branch pacing. Journal of Interventional Cardiac Electrophysiology, 2021, 60, 555-556.	1.4	1
28	A Systematic Review on Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. Sustainability, 2021, 13, 338.	3.3	95
29	Influence of As+ Ion Implantation on Properties of MBE HgCdTe Near-Surface Layer Characterized by Metalâ€“Insulatorâ€“Semiconductor Techniques. Journal of Electronic Materials, 2021, 50, 2323-2330.	2.2	0
30	Machine Learning Technologies for Secure Vehicular Communication in Internet of Vehicles: Recent Advances and Applications. Security and Communication Networks, 2021, 2021, 1-23.	1.7	96
31	Lightweight Cryptographic Algorithms for Guessing Attack Protection in Complex Internet of Things Applications. Complexity, 2021, 2021, 1-13.	1.7	69
32	Communication Delay Modeling for Wide Area Measurement System in Smart Grid Internet of Things Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.4	3
33	Review of electric vehicle energy storage and management system: Standards, issues, and challenges. Journal of Energy Storage, 2021, 41, 102940.	8.3	168
34	A review: Energy storage system and balancing circuits for electric vehicle application. IET Power Electronics, 2021, 14, 1-13.	2.3	76
35	Constriction Factor Particle Swarm Optimization based load balancing and cell association for 5G heterogeneous networks. Computer Communications, 2021, 180, 328-337.	5.5	22
36	Internet of Things-Based Smart Electricity Monitoring and Control System Using Usage Data. Wireless Communications and Mobile Computing, 2021, 2021, 1-16.	1.4	19

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37	A Comprehensive Review on the Optical Micro-Electromechanical Sensors for the Biomedical Application. <i>Frontiers in Public Health</i> , 2021, 9, 759032.	2.8	16
38	Anatomo-pathological study of lung lesions in slaughtered sheep at Batna municipal Slaughterhouse (Eastern Algeria). <i>Comparative Clinical Pathology</i> , 2020, 29, 247-254.	0.7	1
39	Coat Color and Cat Outcomes in an Urban U.S. Shelter. <i>Animals</i> , 2020, 10, 1720.	2.3	7
40	Resonant Energy Carrier Base Active Charge-Balancing Algorithm. <i>Electronics (Switzerland)</i> , 2020, 9, 2166.	3.2	14
41	Optimizing Energy Consumption for Cloud Internet of Things. <i>Frontiers in Physics</i> , 2020, 8, .	2.2	44
42	A Novel Artificial Intelligence Based Timing Synchronization Scheme for Smart Grid Applications. <i>Wireless Personal Communications</i> , 2020, 114, 1067-1084.	2.8	58
43	Design and Evaluation of a Multihoming-Based Mobility Management Scheme to Support Inter Technology Handoff in PNEMO. <i>Wireless Personal Communications</i> , 2020, 114, 1133-1153.	2.8	54
44	Timing Synchronization Framework for Wide Area Measurement System in Smart Grid Computing. , 2020, , .		2
45	A Novel HGBBDSA-CTI Approach for Subcarrier Allocation in Heterogeneous Network. <i>Telecommunication Systems</i> , 2019, 70, 245-262.	2.6	36
46	A relevance-theoretical perspective on the question of why Jesus never wrote a book. <i>Word</i> , 2019, 65, 154-163.	0.5	0
47	Estimating the burden of dengue and the impact of release of wMel Wolbachia-infected mosquitoes in Indonesia: a modelling study. <i>BMC Medicine</i> , 2019, 17, 172.	5.7	45
48	Rapid Synthesis of $\hat{1}^3$ -Halide/Pseudohalide-Substituted Cyanine Sensors with Programmed Generation of Singlet Oxygen. <i>Organic Letters</i> , 2019, 21, 2121-2125.	4.8	13
49	Flow-based Proxy NEMO Solutions: An Analysis of the Location Update Cost. , 2019, , .		0
50	Pak2 as a Novel Therapeutic Target for Cardioprotective Endoplasmic Reticulum Stress Response. <i>Circulation Research</i> , 2019, 124, 696-711.	10.7	57
51	Phase Offset Analysis of Asymmetric Communications Infrastructure in Smart Grid. <i>Elektronika Ir Elektrotehnika</i> , 2019, 25, .	0.9	31
52	Measuring Generation Y consumersâ€™ perceptions of green practices at Starbucks: An IPA analysis. <i>Journal of Foodservice Business Research</i> , 2018, 21, 1-21.	2.3	25
53	Delay Analysis of Two-way Synchronization Scheme for Phasor Measurement Unit based Digital Smart Grid Applications. , 2018, , .		3
54	Neue LÃ¶sungen zur energetischen ErtÃ¼chtigung von GebÃ¼den in Stahlleichtbauweise. <i>Stahlbau</i> , 2018, 87, 1072-1083.	0.3	3

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55	Influence of Hole Distance on Low Velocity Impact Damage. <i>Fibers and Polymers</i> , 2018, 19, 2574-2580.	2.1	1
56	Performance Evaluation of Multi-Interfaced Fast Handoff Scheme for PNEMO Environment. <i>Elektronika Ir Elektrotehnika</i> , 2018, 24, .	0.9	1
57	Design and Implementation of a Multihoming-Based Scheme to Support Mobility Management in NEMO. <i>Wireless Personal Communications</i> , 2017, 95, 457-473.	2.8	18
58	Dynamic Spectrum Allocation Scheme for Heterogeneous Network. <i>Wireless Personal Communications</i> , 2017, 95, 299-315.	2.8	26
59	Novel multihoming-based flow mobility scheme for proxy NEMO environment: A numerical approach to analyse handoff performance. <i>ScienceAsia</i> , 2017, 43S, 27.	0.5	25
60	Outage Probability Analysis of Co-Tier Interference in Heterogeneous Network. <i>Elektronika Ir Elektrotehnika</i> , 2017, 23, .	0.9	3
61	Kartogenin treatment prevented joint degeneration in a rodent model of osteoarthritis: A pilot study. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1780-1789.	2.4	37
62	Grafting of chitosan Schiff base on graphene oxide and its characterization. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 749-756.	2.2	5
63	Multiplex SNP genotyping in whole blood using an integrated microfluidic lab-on-a-chip. <i>Lab on A Chip</i> , 2016, 16, 4012-4019.	6.1	17
64	Catalytic hydrogenation and one step hydrogenation-esterification to remove acetic acid for bio-oil upgrading: model reaction study. <i>Catalysis Science and Technology</i> , 2016, 6, 7783-7792.	4.2	23
65	Master Data Identification in Public Sector Organisations. <i>Advanced Science Letters</i> , 2016, 22, 2999-3003.	0.2	2
66	Design and Simulation of a Multihoming-based Inter-system Handoff Scheme in NEMO. <i>Elektronika Ir Elektrotehnika</i> , 2016, 22, .	0.9	2
67	Effects of Phase Offset Error for Asymmetric Communication Link in Heterogeneous Mobile Network. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 957-966.	0.0	1
68	Multicast Support in Network Based Mobility Management: Current Challenges and Solutions. <i>Advanced Science Letters</i> , 2016, 22, 2794-2798.	0.2	1
69	DesafÃos nacionales en materia de mÃ©tricas de cara a la meta costarricense de alcanzar la carbono-neutralidad en el 2021. <i>Ciencias Ambientales</i> , 2015, .	0.3	0
70	A CBR system for diabetes mellitus diagnosis: case-base standard data model. <i>International Journal of Medical Engineering and Informatics</i> , 2015, 7, 191.	0.3	10
71	Optimal antiplatelet therapy in out-hospital cardiac arrest patients treated by primary percutaneous coronary intervention. <i>Resuscitation</i> , 2015, 90, e7-e8.	2.9	7
72	Cluster-Based Spectrum Sensing Scheme in Heterogeneous Network. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 1-11.	0.0	5

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73	Comparison Between Intraoperative Two-Space Injection Thoracic Paravertebral Block and Wound Infiltration as a Component of Multimodal Analgesia for Postoperative Pain Management After Video-Assisted Thoracoscopic Lobectomy: A Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1550-1556.	1.3	25
74	A Numerical Study on MM-NEMO Scheme: Impact of Rising Number of Mobile Routers and Cell Residence Time. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 77-85.	0.0	0
75	Analytical Evaluation of Intra Domain Mobility Approach in NEMO Environment. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 1325-1334.	0.1	0
76	A multihoming-based mobility management scheme to reduce registration delay on proxy MIPv6 domain in NEMO. , 2014, , .		0
77	How does emotional content affect lexical processing?. <i>Cognition and Emotion</i> , 2014, 28, 737-746.	2.1	113
78	Curing behavior, thermal, and mechanical properties of epoxy resins cured with a novel liquid crystalline dicarboxylic acid curing agent. <i>Polymer Engineering and Science</i> , 2014, 54, 695-703.	3.1	21
79	Performance Analysis on Location Update Cost of Multihoming-Based Scheme in NEMO. , 2014, , .		0
80	Subdural Hematoma Caused by Epithelioid Angiosarcoma Originating from the Skull. <i>Head and Neck Pathology</i> , 2013, 7, 159-162.	2.7	8
81	Inter-cell interference coordination in Heterogeneous Network: A qualitative and quantitative analysis. , 2013, , .		1
82	Inter-cell interference coordination in LTE-A HetNets: A survey on self organizing approaches. , 2013, , .		19
83	New <sc>SNP</sc>s for population genetic analysis reveal possible cryptic speciation of eastern Australian sea mullet (<i>Mugil cephalus</i>). <i>Molecular Ecology Resources</i> , 2013, 13, 715-725.	5.0	35
84	Multihoming based mobility management scheme in NEMO: A qualitative and quantitative analysis. , 2013, , .		1
85	New invasive patterns as a prognostic factor for superficial esophageal cancer. <i>Journal of Gastroenterology</i> , 2012, 47, 1279-1289.	5.1	40
86	Inter-cluster synchronization scheme for femtocell network. , 2012, , .		4
87	Intra-cluster synchronization scheme for femtocell network. , 2012, , .		4
88	Micro mobility scheme in NEMO to support seamless handoff. , 2012, , .		7
89	Macro mobility scheme in NEMO to support seamless handoff. , 2012, , .		6
90	Computational analysis of ligand recognition mechanisms by prostaglandin E2 (subtype 2) and D2 receptors. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 1131-1143.	1.5	0

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91	An investigation of femtocell network synchronization. , 2011, , .		13
92	The pyrethroid metabolites 3-phenoxybenzoic acid and 3-phenoxybenzyl alcohol do not exhibit estrogenic activity in the MCF-7 human breast carcinoma cell line or Spragueâ€Dawley rats. Toxicology, 2010, 267, 39-44.	4.3	56
93	The challenges of wireless internet access in vehicular environments. , 2010, , .		6
94	Studies on the electron-transfer systems in photosynthetic bacteria I. The light-induced absorption-spectrum changes and the effect of phenylmercuric acetate. Biochimica Et Biophysica Acta, 1963, 66, 1-16.	1.6	54
95	User privacy prevention model using supervised federated learningâ€based block chain approach for internet of Medical Things. CAAI Transactions on Intelligence Technology, 0, , .	8.6	13