

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	Review of electric vehicle energy storage and management system: Standards, issues, and challenges. <i>Journal of Energy Storage</i> , 2021, 41, 102940.	8.3	168
2	How does emotional content affect lexical processing?. <i>Cognition and Emotion</i> , 2014, 28, 737-746.	2.1	113
3	Machine Learning Technologies for Secure Vehicular Communication in Internet of Vehicles: Recent Advances and Applications. <i>Security and Communication Networks</i> , 2021, 2021, 1-23.	1.7	96
4	A Systematic Review on Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. <i>Sustainability</i> , 2021, 13, 338.	3.3	95
5	A review: Energy storage system and balancing circuits for electric vehicle application. <i>IET Power Electronics</i> , 2021, 14, 1-13.	2.3	76
6	Lightweight Cryptographic Algorithms for Guessing Attack Protection in Complex Internet of Things Applications. <i>Complexity</i> , 2021, 2021, 1-13.	1.7	69
7	Blockchain Technology on Smart Grid, Energy Trading, and Big Data: Security Issues, Challenges, and Recommendations. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-26.	1.4	68
8	A Novel Artificial Intelligence Based Timing Synchronization Scheme for Smart Grid Applications. <i>Wireless Personal Communications</i> , 2020, 114, 1067-1084.	2.8	58
9	A Novel Resource Oriented DMA Framework for Internet of Medical Things Devices in 5G Network. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 8895-8904.	12.1	58
10	Pak2 as a Novel Therapeutic Target for Cardioprotective Endoplasmic Reticulum Stress Response. <i>Circulation Research</i> , 2019, 124, 696-711.	10.7	57
11	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. <i>Toxicology</i> , 2010, 267, 39-44.	4.3	56
12	Studies on the electron-transfer systems in photosynthetic bacteria I. The light-induced absorption-spectrum changes and the effect of phenylmercuric acetate. <i>Biochimica Et Biophysica Acta</i> , 1963, 66, 1-16.	1.6	54
13	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
14	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
15	Optimizing Energy Consumption for Cloud Internet of Things. <i>Frontiers in Physics</i> , 2020, 8, .	2.2	44
16	Evolution of Industry and Blockchain Era: Monitoring Price Hike and Corruption Using BloT for Smart Government and Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 9153-9161.	12.1	42
17	New invasive patterns as a prognostic factor for superficial esophageal cancer. <i>Journal of Gastroenterology</i> , 2012, 47, 1279-1289.	5.1	40
18	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

#	ARTICLE	IF	CITATIONS
19	A Novel HGBBDSA-CTI Approach for Subcarrier Allocation in Heterogeneous Network. Telecommunication Systems, 2019, 70, 245-262.	2.6	36
20	New <sc>SNP</sc>s for population genetic analysis reveal possible cryptic speciation of eastern Australian sea mullet (<i>Mugil cephalus</i>). Molecular Ecology Resources, 2013, 13, 715-725.	5.0	35
21	Phase Offset Analysis of Asymmetric Communications Infrastructure in Smart Grid. Elektronika Ir Elektrotechnika, 2019, 25, .	0.9	31
22	Dynamic Spectrum Allocation Scheme for Heterogeneous Network. Wireless Personal Communications, 2017, 95, 299-315.	2.8	26
23	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. Journal of Cardiothoracic and Vascular Anesthesia. 2015. 29. 1550-1556.	1.3	25
24	Measuring Generation Y consumersâ€™ perceptions of green practices at Starbucks: An IPA analysis. Journal of Foodservice Business Research, 2018, 21, 1-21.	2.3	25
25	Novel multihoming-based flow mobility scheme for proxy NEMO environment: A numerical approach to analyse handoff performance. ScienceAsia, 2017, 43S, 27.	0.5	25
26	Catalytic hydrogenation and one step hydrogenation-esterification to remove acetic acid for bio-oil upgrading: model reaction study. Catalysis Science and Technology, 2016, 6, 7783-7792.	4.2	23
27	Constriction Factor Particle Swarm Optimization based load balancing and cell association for 5G heterogeneous networks. Computer Communications, 2021, 180, 328-337.	5.5	22
28	Curing behavior, thermal, and mechanical properties of epoxy resins cured with a novel liquid crystalline dicarboxylic acid curing agent. Polymer Engineering and Science, 2014, 54, 695-703.	3.1	21
29	Inter-cell interference coordination in LTE-A HetNets: A survey on self organizing approaches. , 2013, , .		19
30	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
31	Design and Implementation of a Multihoming-Based Scheme to Support Mobility Management in NEMO. Wireless Personal Communications, 2017, 95, 457-473.	2.8	18
32	Multiplex SNP genotyping in whole blood using an integrated microfluidic lab-on-a-chip. Lab on A Chip, 2016, 16, 4012-4019.	6.1	17
33	A Comprehensive Review on the Optical Micro-Electromechanical Sensors for the Biomedical Application. Frontiers in Public Health, 2021, 9, 759032.	2.8	16
34	Resonant Energy Carrier Base Active Charge-Balancing Algorithm. Electronics (Switzerland), 2020, 9, 2166.	3.2	14
35	Cloud to cloud data migration using self sovereign identity for 5G and beyond. Cluster Computing, 2022, 25, 2317-2331.	5.2	14
36	An investigation of femtocell network synchronization. , 2011, , .		13

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37	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
38	User privacy prevention model using supervised federated learningâ€based block chain approach for internet of Medical Things. <i>CAAI Transactions on Intelligence Technology</i> , 0, , .	8.6	13
39	DVAEGMM: Dual Variational Autoencoder With Gaussian Mixture Model for Anomaly Detection on Attributed Networks. <i>IEEE Access</i> , 2022, 10, 91160-91176.	4.4	12
40	Securing Internet of Things devices against code tampering attacks using Return Oriented Programming. <i>Computer Communications</i> , 2022, 193, 38-46.	5.5	11
41	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
42	Predicting the Future Popularity of Academic Publications Using Deep Learning by Considering It as Temporal Citation Networks. <i>IEEE Access</i> , 2023, 11, 83052-83068.	4.4	10
43	Subdural Hematoma Caused by Epithelioid Angiosarcoma Originating from the Skull. <i>Head and Neck Pathology</i> , 2013, 7, 159-162.	2.7	8
44	Micro mobility scheme in NEMO to support seamless handoff. , 2012, , .		7
45	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
46	Coat Color and Cat Outcomes in an Urban U.S. Shelter. <i>Animals</i> , 2020, 10, 1720.	2.3	7
47	Co-Evolving Popularity Prediction in Temporal Bipartite Networks: A Heuristics Based Model. <i>IEEE Access</i> , 2023, 11, 37546-37559.	4.4	7
48	An Explainable Ensemble Deep Learning Approach for Intrusion Detection in Industrial Internet of Things. <i>IEEE Access</i> , 2023, 11, 115047-115061.	4.4	7
49	The challenges of wireless internet access in vehicular environments. , 2010, , .		6
50	Macro mobility scheme in NEMO to support seamless handoff. , 2012, , .		6
51	Federated Learning for Computational Offloading and Resource Management of Vehicular Edge Computing in 6G-V2X Network. <i>IEEE Transactions on Consumer Electronics</i> , 2024, 70, 3827-3847.	3.7	6
52	Cluster-Based Spectrum Sensing Scheme in Heterogeneous Network. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 1-11.	0.0	5
53	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
54	Energy efficient data detection with low complexity for an uplink multi-user massive MIMO system. <i>Computers and Electrical Engineering</i> , 2022, 101, 108045.	5.2	5

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55	Data security in smart devices: Advancement, constraints and future recommendations. IET Networks, 2023, 12, 269-281.	1.9	5
56	Optimized Visual Internet of Things for Video Streaming Enhancement in 5G Sensor Network Devices. Sensors, 2023, 23, 5072.	4.0	5
57	Inter-cluster synchronization scheme for femtocell network. , 2012, , .		4
58	Intra-cluster synchronization scheme for femtocell network. , 2012, , .		4
59	Delay Analysis of Two-way Synchronization Scheme for Phasor Measurement Unit based Digital Smart Grid Applications. , 2018, , .		3
60	Neue Losungen zur energetischen Ertrachtigung von Gebudehallen in Stahlleichtbauweise. Stahlbau, 2018, 87, 1072-1083.	0.3	3
61	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
62	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
63	Outage Probability Analysis of Co-Tier Interference in Heterogeneous Network. Elektronika Ir Elektrotehnika, 2017, 23, .	0.9	3
64	Timing Synchronization Framework for Wide Area Measurement System in Smart Grid Computing. , 2020, , .		2
65	Master Data Identification in Public Sector Organisations. Advanced Science Letters, 2016, 22, 2999-3003.	0.2	2
66	Design and Simulation of a Multihoming-based Inter-system Handoff Scheme in NEMO. Elektronika Ir Elektrotehnika, 2016, 22, .	0.9	2
67	Encrypted images in a <scp>VBLAST</scp> assisted <scp>SCFDMA</scp> wireless communication system. Transactions on Emerging Telecommunications Technologies, 2024, 35, .	3.9	2
68	Inter-cell interference coordination in Heterogeneous Network: A qualitative and quantitative analysis. , 2013, , .		1
69	Multihoming based mobility management scheme in NEMO: A qualitative and quantitative analysis. , 2013, , .		1
70	Influence of Hole Distance on Low Velocity Impact Damage. Fibers and Polymers, 2018, 19, 2574-2580.	2.1	1
71	Anatomo-pathological study of lung lesions in slaughtered sheep at Batna municipal Slaughterhouse (Eastern Algeria). Comparative Clinical Pathology, 2020, 29, 247-254.	0.7	1
72	Unmasking Of pathologic Q waves by left bundle branch pacing. Journal of Interventional Cardiac Electrophysiology, 2021, 60, 555-556.	1.4	1

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73	Effects of Phase Offset Error for Asymmetric Communication Link in Heterogeneous Mobile Network. Lecture Notes in Electrical Engineering, 2016, , 957-966.	0.0	1
74	Multicast Support in Network Based Mobility Management: Current Challenges and Solutions. Advanced Science Letters, 2016, 22, 2794-2798.	0.2	1
75	Performance Evaluation of Multi-Interfaced Fast Handoff Scheme for PNEMO Environment. Elektronika Ir Elektrotechnika, 2018, 24, .	0.9	1
76	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
77	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
78	Computational analysis of ligand recognition mechanisms by prostaglandin E2 (subtype 2) and D2 receptors. Theoretical Chemistry Accounts, 2011, 130, 1131-1143.	1.5	0
79	Analytical Evaluation of Intra Domain Mobility Approach in NEMO Environment. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1325-1334.	0.1	0
80	A multihoming-based mobility management scheme to reduce registration delay on proxy MIPv6 domain in NEMO. , 2014, , .		0
81	Performance Analysis on Location Update Cost of Multihoming-Based Scheme in NEMO. , 2014, , .		0
82	DesafÃos nacionales en materia de mÃ©tricas de cara a la meta costarricense de alcanzar la carbono-neutralidad en el 2021. Ciencias Ambientales, 2015, .	0.3	0
83	A relevance-theoretical perspective on the question of why Jesus never wrote a book. Word, 2019, 65, 154-163.	0.5	0
84	Flow-based Proxy NEMO Solutions: An Analysis of the Location Update Cost. , 2019, , .		0
85	Influence of As+ Ion Implantation on Properties of MBE HgCdTe Near-Surface Layer Characterized by Metal-Insulator-Semiconductor Techniques. Journal of Electronic Materials, 2021, 50, 2323-2330.	2.2	0
86	A Numerical Study on MM-NEMO Scheme: Impact of Rising Number of Mobile Routers and Cell Residence Time. Lecture Notes in Electrical Engineering, 2015, , 77-85.	0.0	0
87	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
88	Cloud Internet of Things in Medical and Smart Healthcare Applications. EAI/Springer Innovations in Communication and Computing, 2022, , 89-105.	0.0	0
89	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
90	Sustainable Non-Cooperative User Detection Techniques in 5G Communications for Smart City Users. Sustainability, 2023, 15, 118.	3.3	0

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91	Multimodal Hate Speech Detection in Memes Using Contrastive Language-Image Pre-Training. IEEE Access, 2024, 12, 22359-22375.	4.4	0
92	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
93	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
94	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
95	Review on Hybrid Deep Learning Models for Enhancing Encryption Techniques Against Side Channel Attacks. IEEE Access, 2024, , 1-1.	4.4	0