IoT-Enabled Smart & Connected Communities Cluster (IESCC, SmartCU)


PUBLICATIONS

A. INTERNATIONAL PEER-REVIEWED ARTICLES

[001]. 202007: Energy Efficient Design Techniques in Next-Generation Wireless Communication Networks: Emerging Trends and Future Directions

[002]. 202006: Analysis of key performance indicators of a 4GLTE network based on experimental data obtained from a densely populated smart city

[003]. 202005: Statistical Analysis of Leading Goal Scoring Pattern of Europe’s Top Five Football Leagues

[004]. 202004: Statistical Analysis of Championship Matches Outcomes in World Wrestling Entertainment (WWE) Pay-Per-View Events


[006]. 202002: Statistical Analysis of Leading Goal Scoring Pattern of Europe’s Top Five Football Leagues

[007]. 202001: Implementation of multi-criteria decision method for selection of material for dev. of horizontal wind turbine blade for energy generation

[008]. 201932: Modelling Large-Scale Signal Fading in Urban Environment Based on Fuzzy Inference System

[009]. 201931: Experimental Performance of the Energetic Characteristics of a Domestic Refrigerator with Al2O3 Nano-lubricant and LPG Refrigerant

[010]. 201930: Advancing PoC Devices for Early Disease Detection using Graphene-based Sensors

[011]. 201929: Performance Evaluation of Hydrocarbon based Nano refrigerants Subjected to Periodic Door Openings

[012]. 201928: Admission policy in universities: In search of empirical evidence

[013]. 201927: Multi-Criteria Decision Analysis Towards the Selection of a Perfect Location for Establishing Crude Oil Refinery in Niger Delta Nigeria

[014]. 201926: Creation of a Nigerian Voice Corpus for Indigenous Speaker Recognition

[015]. 201925: The First 1,000 Days: Trends towards Biosensing in Assessing Micronutrient Deficiencies

[016]. 201924: Characterization of Path Loss in the VHF Band using Neural Network Modeling Technique


[018]. 201922: Determination of Neural Network Parameters for Path Loss Prediction in Very High-Frequency Wireless Channel

[019]. 201921: Performance of a domestic refrigerator using selected hydrocarbon working fluids and TiO2 – MO nano-lubricant

[020]. 201920: Towards a more efficient and cost-sensitive extreme learning machine: A state-of-the-art review of the recent trend

[021]. 201919: Adaptive Channel Borrowing Scheme for Capacity Enhancement in Cellular Wireless Networks

[022]. 201918: Experimental performance of a safe charge of LPG refrigerant enhanced with varying concentrations of TiO: nano-lubricant in a dom. refrigerator

[023]. 201917: Experimental Investigation of a Vapor Compression Refrigeration System with 15nm TiO2-R600a Nano-Refrigerant as the Working Fluid

[024]. 201916: Performance of a Domestic Refrigerator infused with Safe Charge of R600a refrigerant and various concentrations of TiO2nanolubricants

[025]. 201915: 5G Small Cell Backhaul: A Solution Based on GSM-Aided Hybrid Beamforming

[026]. 201914: Pathloss prediction in the VHF & UHF bands in urban environments: Experimental investigation of empirical, heuristics & geospatial models

[027]. 201913: Artificial Intelligence Techniques for Electrical Load Forecasting in Smart and Connected Communities


[029]. 201911: A Web Framework for Online Peer Tutoring Application in a Smart Campus

[030]. 201910: Data Analytics: Global Contributions of World Continents to Computer Science Research

[031]. 201909: ANFIS model for Path Loss Prediction in the GSM and WCDMA Bands in Urban Area

[032]. 201908: Cloud-Based IoT-enabled solid waste monitoring system for smart and connected communities

[033]. 201907: Structural investigation of LaSrDyCuO complexites


[035]. 201905: Nigeria’s Preparedness for Internet of Everything: A Survey Dataset from the Work-force Population

[036]. 201904: Cross-Layer Enhanced Adaptive Handoff Initiation Technique

[037]. 201903: Trends and patterns of broadband Internet access speed in a Nigerian university campus: A robust data exploration


[039]. 201901: Mech. & opto-elect response of smart composite coating via electrodeposition technique for embedded system in defence application

[040]. 201844: FirstSteps: A mHealth Tool for Children Registration and Monitoring

[041]. 201843: Integrating Automated Fingerprint-Based Attendance into a University Portal System

[042]. 201842: A Framework for a Smart Campus: A Case of Covenant University

[043]. 201841: Is There a Link between Air Pollution and Economic Growth?

[044]. 201840: Software-Defined Networking: Current Trends, Challenges, and Future Directions
[109]. 201702: LTE-Advanced for Rapid Mobile Broadband Penetration in Developing Countries
[111]. 201613: From 3GPP LTE to 5G: An Evolution
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[122]. 201602: Development of a Solar Photovoltaic Vulcanizing Machine towards Extreme Poverty Eradication in
[123]. 201601: An Assessment of the Internet of Things (IoT) Adoption Readiness of Sub-Saharan Africa
[124]. 201512: Relationship Between ICT Education and Knowledge Economy in Africa.
[129]. 201507: Development of VirCEL: A Virtual Communication Engineering Laboratory.
[133]. 201503: Development of FIGA: A Novel Trust-Based Algorithm for Securing Autonomous Interactions in WSN.
[135]. 201501: Programming Dev. of Kolmogorov-Smirnov Goodness-of-Fit Testing of Data Normality as an MS Excel® Library Function
[136]. 201418: Overcoming Students’ Lethargy in Evaluating Lecturers’ Teaching Competence: Covenant University Experience
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[141]. 201413: Using Moodle 2.5 for e-Evaluation and Assignments for Students Learning at Covenant University
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[148]. 201406: Policy For Development And Use Of Open Educational Resources In Covenant University
[149]. 201405: Open Education And Digital Scholarly Communication In Covenant University
[150]. 201404: Implementing Open Access In A Private Nigerian University: A Case Study Of Covenant University
[151]. 201403: Advances In Current Techniques For Monitoring The Progress Of Child Delivery
[152]. 201402: 30 Billion Devices Automatically Interconnected By 2020: Impact On The Virtual Learning Environment
[153]. 201401: Distributed Denial of Service (DDoS) Network Attacks: Impact On The Virtual Learning Environment
[154]. 201217: Development of CUiris: A Dark-Skinned African Iris Dataset for Enhancement of Image Analysis & Robust Personal Recognition
[155]. 201216: Power Line Communication Technologies: Modeling and Simulation of PRIME Physical Layer
[157]. 201214: The Spatial-Temporal Characteristic of Video Content and its Impact on The Quality of Wireless Conduits
[158]. 201213: Estimation of Markov Model Parameters from Statistical Analysis of Speech Packets Transmitted over BWA Networks
[159]. 201212: Markov Models of Telephone Speech Dialogues
[160]. 201211: Heterogeneous Wireless Networks: A Survey of Interworking Architectures
[162]. 201209: Modeling and Simulation of a University LAN in OPNET Modeller Environment
[163]. 201208: Effect of Error Packetization on the Quality of Streaming Video in Wireless Broadband Access Networks
[164]. 201207: Adaptive Neuro-Fuzzy Inference System for Dynamic Load Balancing in 3GPP LTE
[166]. 201205: Satellite Packet Communication
[167]. 201204: Applications of Soft Computing in Mobile and Wireless Communications
[168]. 201203: Estimating the Quality of Digitally Transmitted Speech Signal over Satellite Communication Channels
[170]. 201201: Neural-encoded Fuzzy Models for Load Balancing in 3GPP LTE