Top research articles in 2020 in the area of Computer Science & Engineering

S.No	Volume	Issue	Paper Title	Authors	Papers
1	12	1	Concurrency Within Ternary Galois Processing of Highly-regular 3D Networks Via Controlled Nano Switching	Anas N. Al-Rabadi, The University of Jordan, Jordan & Isra University, Jordan	Full Text
2	12	1	Web Services as A Solution for Cloud Enterprise Resource Planning Interoperability	Djamal Ziani and Nada Alfaadhel, King Saud University, Saudi Arabia	Full Text
3	12	1	Study of an Application Development Environment Based on Unity Game Engine	Sagor Ahamed, Anomita Das, Shahnawaz Md Tanjib and Ms. Qamrun Nahar Eity, Ahsanullah University of Science and Technology, Bangladesh	Full Text
4	12	2	Lidar Point Cloud Classification Using Expectation Maximization Algorithm	Nguyen Thi Huu Phuong, Hanoi University of Mining and Geology, Vietnam	Full Text
5	12	2	Enactment Ranking of Supervised Algorithms Dependence of Data Splitting Algorithms: A Case Study of Real Datasets	Hina Tabassum and Muhammad Mutahir Iqbal, Bahauddin Zakariya University, Pakistan	Full Text
6	12	2	Application of Facebook's Prophet Algorithm for Successful Sales Forecasting Based on Real-world Data	Emir Žunić1,2, Kemal Korjenić1, Kerim Hodžić2,1 and Dženana Đonko2, 1Info Studio d.o.o. Sarajevo, Bosnia and Herzegovina and 2University of Sarajevo, Bosnia and Herzegovina	Full Text
7	12	3	A New Hybrid Diversity Combining Scheme for Mobile Radio Communication Systems over Nakagami Fading Chanel	Akinyinka Olukunle Akande, Onyebuchi Chikezie Nosiri, Nnaemeka Chiemezie Onuekwusi and Emmanuel Uchenna Ekwueme, Federal University of Technology Owerri, Nigeria	Full Text
8	12	3	Using Social Media as A Tool for Promoting Festival Tourism	Krittanai Ngernyuang and Pei-Ying Wu, Chung Hua University, Taiwan	Full Text
9	12	3	Web-based Learning In Periods of Crisis: Reflections on the Impact of Covid-19	Stella Chiemeke1 and Omokhagbo Mike Imafidor2,1University of Benin, Nigeria and 2Africa PPP Advisory Nigeria Limited, Nigeria	Full Text
10	12	4	Importance of Process Mining for Big Data Requirements Engineering	Sandhya Rani Kourla, Eesha Putti, and Mina Maleki, University of Detroit Mercy, USA	Full Text
11	12	4	XML Encryption and Signature for Securing Web ServicesFull	Iehab ALRassan, King Saud University, Saudi Arabia	Full Text
12	12	4	Variations in Outcome for the Same Map Reduce Transitive Closure Algorithm Implemented on Different Hadoop Platforms	Purvi Parmar, MaryEtta Morris, John R. Talburt and Huzaifa F. Syed, University of Arkansas, USA	Full Text
13	12	4	Constraint-based and Fuzzy Logic Student Modeling for Arabic Grammar	Nabila A. Khodeir, Electronic Research Institute, Egypt	Full Text
14	12	4	The Smart Parking Management System	Amira. A. Elsonbaty1 and Mahmoud Shams2, 1Higher institute of engineering and technology, Egypt, 2Kafrelsheikh University, Egypt	Full Text
15	12	4	Performance Evaluation of LTE Network using Maximum Flow Algorithm	Bir Bahadur Khatri1, Bulbul Ahammad1, Md. Mezbahul Islam2, Rahmina Rubaiat2 and Md. Imdadul Islam1, 1Jahangirnagar University, Bangladesh, 2MBSTU, Bangladesh	Full Text
16	12	4	A Novel Study of Lichen Planopilaris Among Different Iranian Ethnicities based on Computer-aided Programs	Maryamsadat Nejadghaderi1, Ashkan Tashk2, Parvin Mansouri1 and Zahra Safaei Naraghi1, 1Tehran University of Medical Sciences (TUMS), Iran, 2University of Southern Denmark (SDU), Denmark	Full Text
17	12	4	Railway Safety Protection with Android Mobile Application for 5G New Radio Network	Tony Tsang and Man Cheng Chong, Hong Kong College of Technology, Hong Kong	Full Text
18	12	5	Machine Learning in Early Genetic Detection of Multiple Sclerosis Disease: A Survey	Nehal M. Ali1, Mohamed Shaheen2, Mai S. Mabrouk3 and Mohamed A. AboRezka1, 1Arab Academy for Science Technology and Maritime Transport, Cairo, Egypt, 2Arab Academy for Science Technology and Maritime Transport, Alexandria, Egypt, 3Misr University for Science and	Full Text
19	12	5	Comparison of Rendering Processes on 3D Model	Filip Popovski1, Nikola Spasov1, Svetlana Mijakovska1 and Gorica Popovska Nalevska2, 1SS KlimentOhridski, Macedonia, 2International Slavic University Gavrilo RomanovicDerzavin, Macedonia	Full Text
20	12	5	IoT Security: Penetration Testing of White-label Cloud-based IoT Camera Compromising Personal Data Privacy	Marlon Intal Tayag, Francisco Napalit and Arcely Napalit, School of Computing Holy Angel University, Philippines	Full Text
21	12	6	Adaptive Vocabulary Construction for Frustration Intensity Modelling in Customer Support Dialog Texts	Janis Zuters and Viktorija Leonova, University of Latvia, Latvia	Full Text
22	12	6	A New Approach for Ranking Shadowed Fuzzy Numbers and its Application	Mohamed A. H. El-Hawy, Modern Academy for Computer Science and Management Technology, Egypt	Full Text

| 23 | 12 | 6 | Simulation of Package Delivery Optimization using a Combination of Carriers and Drop-Ship | Valentyn M. Yanchuk, Andrii G. Tkachuk, Dmytro S. Antoniuk, Tetiana A. Vakaliuk and Anna A. Humeniuk, Zhytomyr Polytechnic State University, Ukraine | Full Text |
| 24 | 12 | 6 | Determining Business Intelligence Usage Success | Javier N. Montero and Mary L. Lind, Defense Information Systems Agency, USA, Louisiana State University Shreveport, USA | Full Text |

International Journal of Computer Science and Engineering Survey (IJCSES)

S.No	Volume	Issue	Paper Title	Authors	Papers
25	11	2	Brain Computer Interfaces Employing Machine Learning Methods : A Systematic Review	Sejal Vyas, Stevens Institute of Technology, USA	Full Text
26	11	3	Artificial Neural Networks for Medical Diagnosis: A Review of Recent Trends	Egba. Anwaitu Fraser1, Okonkwo Obikwelu R2, 1Federal College of Education (Technical), Nigeria, 2Nnamdi Azikiwe University, Nigeria	Full Text

Computer Science & Engineering: An International Journal (CSEIJ)

S.No	Volume	Issue	Paper Title	Authors	Papers
27	10	5	Crime Detection using Data Mining Techniques	Md. Sumon Rony, Sagor Chandra Bakchy and Hadisur Rahman, Varendra University, Bangladesh	Full Text
28	10	4	A Feasible Voice based Inhouse Navigation System for the Visually Impaired	Soham Roy, Kalinga Institute of Industrial Technology, India	Full Text

Advanced Computing: An International Journal (ACIJ)

S.No	Volume	Issue	Paper Title	Authors	Papers
29	11	4	Exploring the Link Between Leadership and Devops Practice and Principle Adoption	Krikor Maroukian1 and Stephen R. Gulliver2, 1Microsoft, Greece, 2University of Reading, Henley Business School, UK	Full Text

International Journal of Computer Science, Engineering and Applications (IJCSEA)

S.No	Volume	Issue	Paper Title	Authors	Papers
30	10	6	Change Back Feature for Consumer Accounts	Cheman Shaik, VISH Consulting Services Inc, USA	Full Text
31	10	4	Evaluation of (GPS/GLONASS) Patch Versus RF GPS (L1) Patchantenna Performance Parameter	Gholam Aghashirin1, Hoda S. Abdel-Aty-Zohdy1, Mohamed A. Zohdy1, Darrell Schmidt1 and Adam Timmons2,1Oakland University, USA, 2McMaster University, Canada	Full Text
32	10	4	Design and Implementation of an Intelligent Gas Cylinder Valve Regulating System using Solenoid	Ebenezer Narh Odonkor1, Willie K. Ofosu3, Patrick Appiah3 and Daniel Kubawe4, 1Takoradi Technical University, Ghana,2Penn State Wilkes, USA, 3Methodist Technical Institute, Ghana, 4Alang Junior High School, Ghana	Full Text
33	10	3	Using GSM SMS Controller Alarm Configurator to Develop Cost Effective Intelligent Fire Safety System in A Developing Country	Ebenezer Narh Odonkor1, Willie K. Ofosu2 and Kingsley Nunoo1, 1Takoradi Technical University, Ghana, 2Penn State Wilkes-Barre, USA	Full Text
34	10	1	Counter Challenge Authentication Method: A Defeating Solution to Phishing Attacks	Cheman Shaik, VISH Consulting Services Inc, USA	Full Text

International Journal on Computational Science & Applications(IJCSA)

S.No	Volume	Issue	Paper Title	Authors	Papers

S.No	Volume	Issue	Paper Title	Authors	Papers
35	10	5	Covid-19 Chest X-ray Images: Lung Segmentation and Diagnosis using Neural Networks	Alan Zhang, Chinese International School, China	Full Text
36	10	4	Opti2I and ε-precis Methods Selection Algorithm	Nombre Claude Issa1, Brou Konan Marcellin2, Kimou Kouadio Prosper3, 1Polytechnic Doctoral School, 2National Polytechnic Institute Houphouet Boigny – Yamoussoukro, 3Research Laboratory of Computer Science and Technology	Full Text

International Journal on Information Theory (IJIT)

S.No	Volume	Issue	Paper Title	Authors	Papers
37	9	4	A Realist Model of Communication Applications for Informational Technology and Artificial Cognitive Systems	Monica R. Kimmel, Collibri NGO, Gothenburg, Sweden	Full Text
38	9	2	Skew Constacyclic Codes Over the Ring	Sarra Manseri, Central China Normal University, China	Full Text

Advanced Computational Intelligence: An International Journal (ACII)

S.No	Volume	Issue	Paper Title	Authors	Papers
39	7	4	FTMCP: Fuzzy based Test Metrics for Cosmetology Paradigm	Shahzad Ashraf1, Sehrish Saleem2 and Syed Afnan3, 1Hohai University Changzhou Jiangsu, China, 2Muhammad Nawaz Sharif University of Engineering & Technology, Pakistan, 3Hilal Foods Private Limited, Pakistan	Full Text

International Journal on Natural Language Computing(IJNLC)

S.No	Volume	Issue	Paper Title	Authors	Papers
40	9	6	Automatic Arabic Named Entity Extraction and Classification for Information Retrieval	Omar ASBAYOU, Lumière Lyon 2 University, France	Full Text
41	9	6	Dutch Named Entity Recognition and De-Identification Methods for the Human Resource Domain	Chaïm van Toledo, Friso van Dijk, and Marco Spruit, Utrecht University, Netherlands	Full Text
42	9	5	XAI Language Tutor - A XAI-based Language Learning Chatbot using Ontology and Transfer Learning Techniques	Nuobei SHI, Qin Zeng and Raymond Lee, Beijing Normal University-Hong Kong Baptist University United International College, China	Full Text
43	9	5	Covhindia: Deep Learning Framework for Sentiment Polarity Detection of Covid-19 Tweets in Hindi	Purva Singh, VIT University, India	Full Text
44	9	4	Stockgram : Deep Learning Model for Digitizing Financial Communications via Natural Language Generation	Purva Singh, VIT University, India	Full Text
45	9	4	An Affective Aware Pseudo Association Method to Connect Disjoint Users Across Multiple Datasets – an enhanced validation method for Text-based Emotion Aware Recommender	John Kalung Leung, Igor Griva and William G. Kennedy, George Mason University, USA	Full Text
46	9	4	A Semantic Question Answering through Heterogeneous Data Source in the Domain of Smart Factory	Orçun Oruç, Technische Universität Dresden, Germany	Full Text
47	9	3	Driving Product Sales Performance by Analysing Product Prelaunch in A Linguistics Approach	Winnie Ng and Vincent Cho, The Hong Kong Polytechnic University, Hong Kong	Full Text
48	9	3	The Ability of Word Embeddings to Capture Word Similarities	Martina Toshevska, Frosina Stojanovska and Jovan Kalajdjieski, Ss. Cyril and Methodius University, Macedonia	Full Text
49	9	3	Vector Space Modeling based Evaluation of Automatically Generated Text Summaries	Alaidine Ben Ayed1 Ismaïl Biskri1, 2 and Jean-Guy Meunier1, 1Université du Québec à Montréal (UQAM), Canada,2Université du Québec à TroisRivières (UQTR), Canada	Full Text
50	9	2	Rita Shelke1 and Devendrasingh Thakore2, 1Research Scholar, Pune, India 2Bharati Vidyapeeth College of Engineering, Pune, India	Rita Shelke1 and Devendrasingh Thakore2, 1Research Scholar, Pune, India 2Bharati Vidyapeeth College of Engineering, Pune, India	Full Text
51	9	2	Developing a Simplified Morphological Analyzer for Arabic Pronominal System	Mohammad Mahyoob, Taibah University, KSA	Full Text
52	9	2	A Sentiment Lexicon-based Analysis for Food and Beverage Industry Reviews. The Greek Language Paradigm	Anastasios Liapakis, Theodore Tsiligiridis and Constantine Yialouris, University of Athens, Greece	Full Text

S.No	Volume	Issue	Paper Title	Authors	Papers
53	9	1	On the Relevance of Query Expansion Using Parallel Corpora and Word Embeddings to Boost Text Document Retrieval Precision	Alaidine Ben Ayed1 and Ismaïl Biskri2, 1Université du Québec à Montréal (UQAM), Canada and 2Université du Québec à Trois Rivières (UQTR), Canada	Full Text
54	9	1	Finding out Noisy Patterns for Relation Extraction of Bangla Sentences	Rukaiya Habib and Md. Musfique Anwar, Jahangirnagar University, Bangladesh	Full Text
55	9	1	Predicting Election Outcome from Social Media Data	Badhan Chandra Das and Md Musfique Anwar, Jahangirnagar University, Bangladesh	Full Text

International Journal of Managing Information Technology (IJMIT)

S.No	Volume	Issue	Paper Title	Authors	Papers
56	12	4	Mediating and Moderating Factors Affecting Readiness to IoT Applications: The Banking Sector Context	RashaAbd El-Aziz, Sarah El-Gamal and Miran Ismail, Arab Academy for Science, Egypt	Full Text
57	12	3	Developing Enterprise Cyber Situational Awareness	Christopher L. Gorham, Capitol Technology University, USA	Full Text
58	12	3	Assess the Effect of Service Quality on Customer Satisfaction in Facebook Social Commerce in Egypt	Rehab ELBadrawy, Sara ElKheshin and Nermine ELEssawy, Arab Academy for Science, Technology and Maritime Transport, Egypt	Full Text
59	12	3	Analyzing the Opportunities of Digital Marketing in Bangladesh to Provide an Efficient Interrelation between Business Organization and Consumer	Farjana Akter, Zayed- Us- Salehin, Abul Kalam Azad and Sultana Jahan Soheli, Noakhali Science and Technology University, Bangladesh	Full Text
60	12	2	An Analysis of Consumer Interest Level Data for Online Health Information in the Early Stages of the Covid-19 Pandemic	David C. Wyld, Southeastern Louisiana University, USA	Full Text
61	12	2	Fashion-driven Textiles as A Crystal of A New Stream for Stakeholder Capitalism – Amazon's Endeavor	Chihiro Watanabe1, 2, Waleed Akhtar1, Yuji Tou3, Pekka Neittaanmäki1, 1University of Jyväskylä, Finland, 2International Institute for Applied Systems Analysis (IIASA), Austria, 3Tokyo Institute of Technology, Japan	Full Text
62	12	2	The Demand Side of Open Government Data: A Case Study of Kingdom of Bahrain	Abdulkarim Katbi1, Jatlah AlAmmari2, Ali AlSoufi3, 1King Hamad University Hospital, Kingdom of Bahrain, 2University of Bahrain, Kingdom of Bahrain and 3British University of Bahrain, Kingdom of Bahrain	Full Text
63	12	2	The Fourth 4th Industrial Revolution's Effect on the Enterprise Cyber Strategy	Christopher L. Gorham, Capitol Technology University, USA	Full Text
64	12	1	Assessing the Adoption of E-government Using Tam Model: Case of Egypt	Sara ELKheshin1 and Noha Saleeb2 1Arab Academy for Science, Egypt and 2Middlesex University, UK	Full Text

International Journal of Managing Value and Supply Chains (IJMVSC)

S.No	Volume	Issue	Paper Title	Authors	Papers
65	11	4	Procurement Performance Practices and Waste Management in Textile Manufacturing Firms in Nairobi City County	Enock Gideon Musau, Kisii University, Kenya	Full Text
66	11	3	Justification of, and Benefits Realization Beyond IT Investments: Analysis from Literature	Godfred Yaw Koi-Akrofi, University of Professional Studies, Ghana	Full Text
67	11	3	Supply Chain Management and Organizational Performance among Kenyan Textile Firms: A Moderated Mediation Model of Government Support and Environmental Uncertainty	Enock Gideon Musau, Kisii University, Kenya	Full Text
68	11	2	Electronic Material Management Practice on Supply Chain Performance of Sugar Processing Firms in Kenya	Evans Biraori Oteki1, Prof. Maurice Sakwa2, 1Murang'a University of Technology, Kenya, 2Jomo Kenyatta University of Agriculture & Technology, Kenya	Full Text
69	11	2	Complementary Assets and Value Creation Beyond Information Technology Investments	Godfred Yaw Koi-Akrofi, University of Professional Studies, Accra, Ghana	Full Text
70	11	1	The Value of Loyalty: Understanding Brand Loyalty from A Consumer Point of View	Russell McKenzie1 Aristides R. Baraya1, David C. Wyld1, Carolina Garzón Medina2, and Adriana Marcela Gordillo González2, 1Southeastern Louisiana University, USA and 2Universidad Santo Tomas, Colombia	Full Text

IJMPICT

S.No	Volume	Issue	Paper Title	Authors	Papers

| 71 | 11 | 3 | Accounting Information Systems and Knowledge Management | Mohammed Khaled Aljarallah, King Saud University, Saudi Arabia | Full Text |
| 72 | 11 | 1 | An Analysis of Consumer Preferences for Mobile Voice Calling in Different Contextual Usages: A Case of Thailand | Monarat Jirakasem, Waseda University, Japan | Full Text |

International Journal of Chaos, Control, Modelling and Simulatio (IJCCMS)

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73	9	4	Socio-Organo Complexity, Project Schedule Performance and Underdamped Transient Motion	Dimitris N. Antoniadis, DANTON PROGM, UK & London Metropolitan College, UK	Full Text
74	9	4	State Observer Designs for Quarter-car Passive Suspension	Tasya Y. Christnantasari, Institut Teknologi Sepuluh Nopember, Indonesia	Full Text

Health Informatics: An International Journal (HIIJ)

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75	9	4	Organizational Factors in Determining Data Quality Produced from Health Management Information Systems in Low- And Middle-income Countries: A Systematic Review	Thein Hlaing1 and Thant Zin2, 1District Public Health Department (Ministry of Health and Sports), Myanmar,2STI Myanmar University, Myanmar	Full Text
76	9	4	The Correlation between HPV Vaccination Rate and Income Inequality	Zhifei Xie, Garrison Forest School, USA	Full Text
77	9	4	Influenza Awareness in the Workplace	Tyler D. Asher and Ian R. McAndrew, Capitol Technology University, USA	Full Text
78	9	3	The Role of State-Wide Stay-at-Home Policies on Confirmed Covid-19 Cases in the United States: A Deterministic Sir Model	David Chen1, Seungmin Lee2and Jason Sang3, 1University of Western Ontario, Canada, 2University of Toronto, Canada, 3University of Waterloo, Canada	Full Text
79	9	1	Mhealth Applications Developed by the Ministry of Health for Public Users in KSA: A Persuasive Systems Design Evaluation	Asmaa Shati, IMSIU University, KSA and KKU University, KSA	Full Text
80	9	1	EEG Signal Classification using LDA and MLP Classifier	Romain Atangana1,2,3, Daniel Tchiotsop1, GodpromesseKenne1, Laurent Chane1 Djoufack Nkengfack1,2, 1Unité de Recherche d'Automatique et d'InformatiqueAppliquée (UR-AIA), University of Dschang, Cameroon, 2Unité de Recherche de Matière Condensée-	Full Text

International Journal on Cybernetics & Informatics (IJCI)

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81	9	3	An Analytical Analysis of Path Loss Models for Mobile Cellular Wireless Communications	Md. Shariful Islam1*, Md. AshekRaihan Mahmud1, Md. Jashim Uddin1 and PallabKanti Podder2, 1Islamic University, Bangladesh, 2Pabna University of Science and Technology, Bangladesh	Full Text

International Journal on Integrating Technology in Education (IJITE)

S.No	Volume	Issue	Paper Title	Authors	Papers
82	9	4	An Exploration of the Relationship between Modern Foreign Language (MFL) Teachers and Computer Assisted Language Learning (Call)	Louise Hanna, David Barr, Helen Hou and Shauna McGill, Ulster University, UK	Full Text
83	9	4	Children using Facebook: Personality Traits, Self-concept and School Performance	Mitsoula Ioanna, Karatrantou Anthi, Panagiotopoulou Penny and Panagiotakopoulos Christos, University Campus, Greece	Full Text
84	9	4	Challenges of Distance, Blended, and Online Learning: A Literature based Approach	Godfred Yaw Koi-Akrofi, Emmanuel Owusu-Oware and Hannah Tanye, University of Professional Studies, Ghana	Full Text
85	9	3	E-supporting Performance Styles based on Learning Analytics for Development of Teaching Practices in Teaching Science	Jielan Elsayed, Laila Maawad, Zeinab khalifa, Ain shams University, Egypt	Full Text

| 86 | 9 | 1 | Questioning the Significance of Technologizing Algerian Schools and Universities: Did it Fail or Succeed? | Dallel Sarnou, Abdelhamid Ibn Badis University, Algeria | Full Text |
| 87 | 9 | 1 | Power Stability Analysis of A Transmission System with A Unified Power Flow Controller using Transformative Intrinsic Algorithm | Sindhu. K, Sona College of Technology, Salem, India | Full Text |

International Journal of Computer Networks & Communications (IJCNC)

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88	12	6	Mobility Speed Effect and Neural Network Optimization for Deep MIMO Beamforming in mmWave Networks	Mustafa S. Aljumaily and Husheng Li, University of Tennessee, USA	Full Text
89	12	6	Wireless Networks Performance Monitoring Based on Passive-active Quality of Service Measurements	Yazeed A. Al-Sbou, Applied Science University, Bahrain	Full Text
90	12	6	Towards Fog-Assisted Virtual Reality MMOG with Ultra-Low Latency	YOSHIHARA Tsuyoshi and FUJITA Satoshi, Hiroshima University, Japan	Full Text
91	12	6	Prediction Algorithm for Mobile Ad Hoc Network Connection Breaks	Yasir Mohammed1, Maha Abdelhaq2 and Raed Alsaqour3, 1Iraqi Ministry of Electricity, Iraq, 2Princess Nourah bint Abdulrahman University, Saudi Arabia, 3Saudi Electronic University, Saudi Arabia	Full Text
92	12	6	Peer to Peer Approach based Replica and Locality Awareness to Manage and Disseminate Data in Vehicular Ad Hoc Networks	Abdelkader Guezzi1, Abderrahmane Lakas2, Ahmed Korichi1, Sarra Cherbal3, 1Kasdi Merbah University, Algeria, 2UAE University, UAE, 3University of Ferhat Abbas Setif, Algeria	Full Text
93	12	6	Scenarios of Lifetime Extension Algorithms for Wireless Ad Hoc Networks	Amir J. Majid, Ajman University, UAE	Full Text
94	12	6	Using Machine Learning to Build a Classification Model for IoT Networks to Detect Attack Signatures	Mousa Al-Akhras1,2,Mohammed Alawairdhi1, Ali Alkoudari1 and Samer Atawneh1, 1Saudi Electronic University, Saudi Arabia, 2The University of Jordan, Jordan	Full Text
95	12	6	Network Anomaly Detection based on Late Fusion of Several Machine Learning Algorithms	Tran Hoang Hai1, Le Huy Hoang11 and Eui-nam Huh2, 1Hanoi University of Science and Technology, Vietnam, 2Kyung Hee University, Korea	Full Text
96	12	5	An Efficient Data Collection Protocol for Underwater Wireless Sensor Networks	Khaled Day1, Faiza Al-Salti2, Abderezak Touzene1 and Nasser Alzeidi1, 1Sultan Qaboos University, Oman, 2Muscat College, Oman	Full Text
97	12	5	Jamming Detection based on Doppler Shift Estimation in Vehicular Communications Systems	Javad Afshar Jahanshahi, Universidad Catolica Los Angeles de Chimbote, Peru	Full Text
98	12	5	A Deep Learning Technique for Web Phishing Detection Combined URL Features and Visual Similarity	Saad Al-Ahmadi and Yasser Alharbi, King Saud University, Saudi Arabia	Full Text
99	12	5	A Retrial Queueing Model with Scheduling Admission Control in QoS Supporting for FDL-equipped at OBS Core Node	Dang Thanh Chuong1, Nguyen Hong Quoc1, Doan Van Thang2 and Pham Trung Duc1,1Hue University, Vietnam, 2Industrial University of HCM City, Vietnam	Full Text
100	12	5	Mean Object Size Considering Average Waiting Latency in M/BP/1 System	Y. –J. Lee, Korea National University of Education, South Korea	Full Text
101	12	5	A Cooperative Approach to Extend Cellular Coverage via D2D Architecture based on OLSR Protocol	Youssef Lmoumen1, Yassine Ruichek1 and Raja Touahni2,1University Bourgogne FrancheComté, France, 2University IbnTofail, Morocco	Full Text
102	12	5	Client Performance Predictions for Private Blockchain Networks	YLászló Viktor Jánoky, János Levendovszky and Péter Ekler, Budapest University of Technology and Economics, Hungary	Full Text
103	12	4	Determination of Minimum Number of UAVs for Local Area Networks of Drones	Sandaruvan Rajasinghege and Rohan de Silva, CQ University, Australia	Full Text
104	12	4	Performance Analysis of Routing Protocols with Roadside Unit Infrastructure in a Vehicular Ad Hoc Network	Safae Smiri, Abdelali Boushaba, Rachid Ben Abbou and Azeddine Zahi, Sidi Mohamed Ben Abdelah University, Morocco	Full Text
105	12	4	Multi-criteria Handover Decision for Heterogeneous Networks: Carrier Aggregation Deployment Scenario	Maryam Abdulazeez- Ahmed, Nor Kamariah Nordin, Aduwati Bint Sali and Fazirulhisyam Hashim, Universiti Putra Malaysia, Malaysia	Full Text
106	12	4	Hybrid Model in the Block Cipher Applications for High-speed Communications Networks	Minh Nguyen Hieu1, Bac Do Thi2, Canh Hoang Ngoc3, Manh Cong Tran4, Phan Duong Phuc5 and Khoa Nguyen Tuan6, 1Institute of Cryptographic Science and Technology, Vietnam, 2Thai Nguyen University of Information and Communication Technology,	Full Text
107	12	4	Robotic Inner Signal Propagation and Random Access over Hybrid Access Scheme	Abir Hossain, Zhenni Pan, Megumi Saito, Jiang Liu and Shigeru Shimamoto, Waseda University, Japan	Full Text
108	12	4	An Experimental Study of IoT Networks Under Internal Routing Attack	Mohammad Alreshoodi, Qassim University, Saudi Arabia	Full Text
109	12	4	Analytic Hierarchy Process-based Fuzzy Measurement to Quantify Vulnerabilities of Web Applications	Mohammad Shojaeshafiei, Letha Etzkorn and Michael Anderson, The University of Alabama in Huntsville, USA	Full Text

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110	12	3	Consensus Routing And Environmental Discrete Trust Based Secure AODV in MANETs	Radha Raman Chandan and P.K.Mishra, Banaras Hindu University, India	Full Text
111	12	3	6RLR-ABC: 6LOWPAN Routing Protocol with Local Repair using Bio Inspired Artificial Bee Colony	Nurul Halimatul Asmak Ismail1, Samer A. B. Awwad2 and Rosilah Hassan3, 1Princess Nourah Bint Abdulrahman University, Kingdom of Saudi Arabia, 2Independent Researcher, Kingdom of Saudi Arabia, 3Universiti Kebangsaan Malaysia, Malaysia	Full Text
112	12	3	Swarm Optimization based Gravitational Search Approach for Channel Assignment in MCMR Wireless Mesh Network	Nandini Balusu1, Suresh Pabboju2 and Narsimha G3, 1Telangana University, India, 2Chaitanya Bharathi Institute of Technology, India and 3JNTUH College of Engineering, India	Full Text
113	12	3	Energy-efficient Multi-hop Routing with Unequal Clustering Approach for Wireless Sensor Networks	Younes El Assari, Samia Al Fallah, Jihane El Aasri, Mounir Arioua and Ahmed El Oualkadi, Abdelmalek Essaadi University, Morocco	Full Text
114	12	3	Flooding Attack Detection and Mitigation in SDN with Modified Adaptive Threshold Algorithm	Nan Haymarn Oo1, Aris Cahyadi Risdianto2, Teck Chaw Ling3 and Aung Htein Maw4, 1University of Computer Studies, Yangon, Myanmar, 2Gwangju Institute of Science and Technology, Korea, 3University of Malaya, Malaysia 4University of Information	Full Text
115	12	3	Signaling Protocols for Local Area Networks of Drones	Prabhu Jyot Singh and Rohan de Silva, School of Engineering and Technology CQ University Sydney, Australia	Full Text
116	12	3	Localization Schemes for Underwater Wireless Sensor Networks: Survey	Faiza Al-Salti1, N. Alzeidi2 and Khaled Day2, 1Muscat College, Oman and 2Sultan Qaboos University, Oman	Full Text
117	12	2	Performance Evaluation of Modbus TCP in Normal Operation and Under A Distributed Denial of Service Attack	Eric Gamess1, Brody Smith1 and Guillermo Francia III2, 1Jacksonville State University, USA and 2University of West Florida, USA	Full Text
118	12	2	An Adaptive Diffserv Approach to Support QoS in Network Mobility NEMO Environment	Loay F. Hussein1,2, Aisha-Hassan AbdallaHashim2, Mohamed Hadi Habaebi2 and Wan Haslina Hassan3, 1Jouf University, Saudi Arabia, 2International Islamic University Malaysia, Malaysia and 3Universiti Teknologi Malaysia, Malaysia	Full Text
119	12	2	Mobile Crowd Sensing RPL-based Routing Protocol for Smart City	Yahya Al Sawafi, Abderezak Touzene, Khaled Day and Nasser Alzeidi, Sultan Qaboos University, Oman	Full Text
120	12	2	Virtual Cache & Virtual Wan Accelerator Function Placement for Cost-effective Content Delivery Services	Shin-ichi Kuribayashi, Seikei University, Japan	Full Text
121	12	2	Auto Resource Management to Enhance Reliability and Energy Consumption in Heterogeneous Cloud Computing	Moataz H. Khalil1,2, Mohamed Azab2, Ashraf Elsayed3, Walaa Sheta1,2 ,Mahmoud Gabr3 and Adel S. Elmaghraby1,2, 1University of Louisville, USA, 2The City of Scientific Research and Technology Applications, Egypt and 3Alexandria University, Egypt	Full Text
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International Journal of Next - Generation Network (IJNGN)

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International Journal of Advanced Smart Sensor Network Systems (IJASSN)

S.No	Volume	Issue	Paper Title	Authors	Papers

S.No	Volume	Issue	Paper Title	Authors	Papers
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International Journal on AdHoc Networking Systems (IJANS)

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150	10	3	Trustbased Routing Metric for RPL Routing Protocol in the Internet of Things.	Asma Lahbib1, Khalifa Toumi2, Anis Laouiti1 and Steven Martin3, 1SAMOVAR, Université Paris-Saclay, France,2IRT SystemX, France, 2LRI, Université Paris-Sud, France	Full Text
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