

PUBLICATION **ISI** RESEARCH

ISI PUBLICATIONS YEAR : **2021**



No	Title - WOS + UM EXPERT + LIBRARY	Corresponding Authors	Source Title
1	Maximum Power Point Tracking Using Modified Butterfly Optimization Algorithm for Partial Shading, Uniform Shading, and Fast Varying Load Conditions	Shams, Immad; Mekhilef, Saad; Tey, Kok Soon	IEEE TRANSACTIONS ON POWER ELECTRONICS
2	Spectrum sensing challenges & their solutions in cognitive radio based vehicular networks	Hossain, Mohammad Asif; Noor, Rafidah Md; Azzuhri, Saaidal Razalli; Z'aba, Muhammad Reza; Ahmedy, Ismail; Yau, Kok-Lim Alvin; Chembe, Christopher	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS
3	Dynamic Salp swarm algorithm for feature selection	Tubishat, Mohammad; Ja'afar, Salinah; Alswaitti, Mohammed; Mirjalili, Seyedali; Idris, Norisma; Ismail, Maizatul Akmar; Omar, Mardian Shah	EXPERT SYSTEMS WITH APPLICATIONS
4	Explicit aspects extraction in sentiment analysis using optimal rules combination	Tubishat, Mohammad; Idris, Norisma; Abushariah, Mohammad	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE
5	A Neighborhood Undersampling Stacked Ensemble (NUS-SE) in imbalanced classification	Seng, Zian; Kareem, Sameem Abdul; Varathan, Kasturi Dewi	EXPERT SYSTEMS WITH APPLICATIONS
6	The impact and mitigation of ICMP based economic denial of sustainability attack in cloud computing environment using software defined network	Shah, Sayed Qaiser Ali; Khan, Farrukh Zeeshan; Ahmad, Muneer	COMPUTER NETWORKS
7	Advancement of voltage equalizer topologies for serially connected solar modules as partial shading mitigation technique: A comprehensive review	Shams, Immad; Mekhilef, Saad; Tey, Kok Soon	JOURNAL OF CLEANER PRODUCTION
8	A hybrid deep learning architecture for opinion-oriented multi-document summarization based on multi-feature fusion	Abdi, Asad; Hasan, Shafaatunnur; Shamsuddin, Siti Mariyam; Idris, Norisma; Piran, Jalil	KNOWLEDGE-BASED SYSTEMS
9	Machine learning improves early prediction of small-for-gestational-age births and reveals nuchal fold thickness as unexpected predictor	Saw, Shier Nee; Biswas, Arijit; Mattar, Citra Nurfarah Zaini; Lee, Hwee Kuan; Yap, Choon Hwai	PRENATAL DIAGNOSIS
10	COVID-19 nationwide lockdown and its emotional stressors among Malaysian women	Balakrishnan, Vimala; Mohamad Nor, Azmawaty; Zainal, Nor Zuraida	ASIA PACIFIC JOURNAL OF SOCIAL WORK AND DEVELOPMENT
11	IoT-based botnet attacks systematic mapping study of literature	Hamid, Habiba; Noor, Rafidah Md; Omar, Syaril Nizam; Ahmedy, Ismail; Anjum, Shaik Shabana; Shah, Syed Adeel Ali; Kaur, Sheena; Othman, Fazidah; Tamil, Emran Mohd	SCIENTOMETRICS
12	Energy-Efficient Wireless Sensor Network with an Unequal Clustering Protocol Based on a Balanced Energy Method (EEUCB)	Jasim, Ahmed A.; Idris, Mohd Yamani Idna; Razalli Bin Azzuhri, Saaidal; Issa, Noor Riyadh; Rahman, Muhammad Towfiqu; Khyasudeen, Muhammad Farris b	SENSORS
13	A systematic review of PIN-entry methods resistant to shoulder-surfing attacks	Binbeshr, Farid; Kiah, M. L. Mat; Por, Lip Yee; Zaidan, A. A.	COMPUTERS & SECURITY
14	Analysis of energy consumption and potential energy savings of an institutional building in Malaysia	Ali, Siti Birkha Mohd; Hasanuzzaman, M.; Rahim, N. A.; Mamun, M. A. A.; Obaidallah, U. H.	ALEXANDRIA ENGINEERING JOURNAL
15	Machine learning in emotional intelligence studies: a survey	Dollmat, Khairi Shazwan; Abdullah, Nor Aniza	BEHAVIOUR & INFORMATION TECHNOLOGY

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16	Aiding Traffic Prediction Servers through Self-Localization to Increase Stability in Complex Vehicular Clustering	Ahmad, Iftikhar; Md Noor, Rafidah; Alroobaea, Roobaea; Talha, Muhammad; Ahmed, Zaheed; Umm-e-Habiba; Ali, Ihsan	COMPLEXITY
17	A hybrid flood waste classification model using 3D-wavelet transform and support vector machines techniques	Fatovatikhah, Farnaz; Ahmedy, Ismail; Noor, Rafidah Md; Kolandaisamy, Raenu; Sabri, Aznul Qalid Md; Othman, Fazidah; Noor, Noorzaily Mohd	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING
18	Deep learning approaches for speech emotion recognition: state of the art and research challenges	Jahangir, Rashid; Teh, Ying Wah; Hanif, Faiga; Mujtaba, Ghulam	MULTIMEDIA TOOLS AND APPLICATIONS
19	An Approach for Scaffolding Students Peer-Learning Self-Regulation Strategy in the Online Component of Blended Learning	Rasheed, Rasheed Abubakar; Kamsin, Amirrudin; Abdullah, Nor Aniza	IEEE ACCESS
20	Dental Impression Tray Selection From Maxillary Arch Images Using Multi-Feature Fusion and Ensemble Classifier	Hasan, Muhammad Asif; Abdullah, Norli Anida; Rahman, Mohammad Mustaneer; Bin Idris, Mohd Yamani Idna; Tawfiq, Omar F.	IEEE ACCESS
21	An Edge Assisted Secure Lightweight Authentication Technique for Safe Communication on the Internet of Drones Network	Yahuza, Muktar; Idris, Mohd Yamani Idna; Wahab, Ainuddin Wahid Abdul; Nandy, Tarak; Ahmedy, Ismail Bin; Ramli, Roziana	IEEE ACCESS
22	Feature Extension of Gut Microbiome Data for Deep Neural Network-Based Colorectal Cancer Classification	Mulenga, Mwenge; Kareem, Sameem Abdul; Sabri, Aznul Qalid Md; Seera, Manjeevan; Govind, Suresh; Samudi, Chandramathi; Bin Mohamad, Saharuddin	IEEE ACCESS
23	Classification of Dysarthric Speech According to the Severity of Impairment: an Analysis of Acoustic Features	Al-Qatab, Bassam Ali; Mustafa, Mumtaz Begum	IEEE ACCESS
24	An Enhanced Ensemble Diagnosis of Cervical Cancer: A Pursuit of Machine Intelligence Towards Sustainable Health	Ilyas, Qazi Mudassar; Ahmad, Muneer	IEEE ACCESS
25	Profiling reviewers' social network strength and predicting the Helpfulness of online customer reviews	Bilal, Muhammad; Marjani, Mohsen; Hashem, Ibrahim Abaker Targio; Malik, Nadia; Lali, Muhammad Ikram Ullah; Gani, Abdullah	ELECTRONIC COMMERCE RESEARCH AND APPLICATIONS
26	Improved Proportional-Integral Coordinated MPPT Controller with Fast Tracking Speed for Grid-Tied PV Systems under Partially Shaded Conditions	Islam, Haidar; Mekhilef, Saad; Shah, Noraisyah Mohamed; Soon, Tey Kok; Wahyudie, Addy; Ahmed, Mahrous	SUSTAINABILITY
27	Campus Shuttle Bus Route Optimization Using Machine Learning Predictive Analysis: A Case Study	Noor, Rafidah Md; Rasyidi, Nadia Bella Gustiani; Nandy, Tarak; Kolandaisamy, Raenu	SUSTAINABILITY
28	Time-bound single-path opportunistic forwarding in disconnected industrial environments	Kabbaj, Saad; Rahman, Anis Ur; Malik, Asad Waqar; Baba, Asif Iqbal; Ravana, Sri Devi	VEHICULAR COMMUNICATIONS
29	Steel surface defect classification using multi-resolution empirical mode decomposition and LBP	Samsudin, Siti Salbiah; Arof, Hamzah; Harun, Sulaiman Wadi; Wahab, Ainuddin Wahid Abdul; Idris, Mohamad Yamani Idna	MEASUREMENT SCIENCE AND TECHNOLOGY

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30	Exploring Students Engagement Towards the Learning Management System (LMS) Using Learning Analytics	Ismail, Shahrul Nizam; Hamid, Suraya; Ahmad, Muneer; Alaboudi, A.; Jhanjhi, Nz	COMPUTER SYSTEMS SCIENCE AND ENGINEERING
31	GreenCloudNet plus plus : Simulation framework for energy efficient and secure, green job scheduling in geographically distributed data centers	Mahmood, Farrukh; Khan, Farrukh Zeeshan; Ahmed, Muneer; Ahmad, Iftikhar; Gupta, Brij B.	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES
32	Machine Learning-Based Cooperative Spectrum Sensing in Dynamic Segmentation Enabled Cognitive Radio Vehicular Network	Hossain, Mohammad Asif; Md Noor, Rafidah; Yau, Kok-Lim Alvin; Azzuhri, Saaidal Razalli; Z'aba, Muhammad Reza; Ahmedy, Ismail; Jabbarpour, Mohammad Reza	ENERGIES
33	For Sustainable Application of Mobile Learning: An Extended UTAUT Model to Examine the Effect of Technical Factors on the Usage of Mobile Devices as a Learning Tool	Alghazi, Saud S.; Kamsin, Amirrudin; Almaiah, Mohammed Amin; Wong, Seng Yue; Shuib, Liyana	SUSTAINABILITY
34	DroidbotX: Test Case Generation Tool for Android Applications Using Q-Learning	Yasin, Husam N.; Ab Hamid, Siti Hafizah; Raja Yusof, Raja Jamilah	SYMMETRY-BASEL
35	An Experimental Study on D2D Route Selection Mechanism in 5G Scenarios	Chamran, Mohammad Kazem; Yau, Kok-Lim Alvin; Noor, Rafidah Md; Wu, Celimuge	ELECTRONICS
36	Fractional Renyi Entropy Image Enhancement for Deep Segmentation of Kidney MRI	Jalab, Hamid A.; Al-Shamasneh, Ala'a R.; Shaiba, Hadi; Ibrahim, Rabha W.; Baleanu, Dumitru	CMC-COMPUTERS MATERIALS & CONTINUA
37	CAN MUSIC LIKES IN FACEBOOK DETERMINE YOUR PERSONALITY?	Managuran, Kala Devi; Varathan, Kasturi Dewi; Al-Garadi, Mohammad Ali Derhem	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
38	Autism Spectrum Self-Stimulatory Behaviors Classification Using Explainable Temporal Coherency Deep Features and SVM Classifier	Liang, Shuaibing; Sabri, Aznul Qalid Md; Alnajjar, Fady; Loo, Chu Kiong	IEEE ACCESS
39	A Heuristics-Based Cost Model for Scientific Workflow Scheduling in Cloud	Al-Khanak, Ehab Nabel; Lee, Sai Peck; Khan, Saif Ur Rehman; Behboodan, Navid; Khalaf, Osamah Ibrahim; Verbraeck, Alexander; van Lint, Hans	CMC-COMPUTERS MATERIALS & CONTINUA
40	A novel error-output recurrent two-layer extreme learning machine for multi-step time series prediction	Liu, Zongying; Loo, Chu Kiong; Pasupa, Kitsuchart	SUSTAINABLE CITIES AND SOCIETY
41	A survey on video content rating: taxonomy, challenges and open issues	Khaksar Pour, Amin; Chaw Seng, Woo; Palaiahnakote, Shivakumara; Tahaei, Hamid; Anuar, Nor Badrul	MULTIMEDIA TOOLS AND APPLICATIONS
42	An Automated Patient Self-Monitoring System to Reduce Health Care System Burden During the COVID-19 Pandemic in Malaysia: Development and Implementation Study	Lim, Hooi Min; Teo, Chin Hai; Ng, Chirk Jenn; Chiew, Thiam Kian; Ng, Wei Leik; Abdullah, Adina; Hadi, Haireen Abdul; Liew, Chee Sun; Chan, Chee Seng	JMIR MEDICAL INFORMATICS
43	Combined State of Charge and State of Energy Estimation of Lithium-Ion Battery Using Dual Forgetting Factor-Based Adaptive Extended Kalman Filter for Electric Vehicle Applications	Shrivastava, Prashant; Kok Soon, Tey; Bin Idris, Mohd Yamani Idna; Mekhilef, Saad; Adnan, Syed Bahari Ramadan Syed	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY
44	Evolving Fuzzy Clustering Approach: An Epoch Clustering That Enables Heuristic Postpruning	Shirkhorshidi, Ali Seyed; Wah, Teh Ying; Shirkhorshidi, Seyed Mohammad Reza; Aghabozorgi, Saeed	IEEE TRANSACTIONS ON FUZZY SYSTEMS

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45	Hybrid Auto-Scaled Service-Cloud-Based Predictive Workload Modeling and Analysis for Smart Campus System	Razzaq, Mirza Abdur; Mahar, Javed Ahmed; Ahmad, Muneer; Saher, Najia; Mehmood, Arif; Choi, Gyu Sang	IEEE ACCESS
46	The rise of software vulnerability: Taxonomy of software vulnerabilities detection and machine learning approaches	Hanif, Hazim; Nasir, Mohd Hairul Nizam Md; Ab Razak, Mohd Faizal; Firdaus, Ahmad; Anuar, Nor Badrul	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS
47	A hybridization strategy using equal and unequal clustering schemes to mitigate idle listening for lifetime maximization of wireless sensor network	Shagari, Nura Modi; Idris, Mohd Yamani Idna; Salleh, Rosli Bin; Ahmedy, Ismail; Murtaza, Ghulam; Sabri, Aznul Qalid Bin Md	WIRELESS NETWORKS
48	Context-Based Feature Technique for Sarcasm Identification in Benchmark Datasets Using Deep Learning and BERT Model	Eke, Christopher Ifeanyi; Norman, Azah Anir; Shuib, Liyana	IEEE ACCESS
49	Dynamic Wavelength Grouping for Quality of Service in Optical Packet Switching	Bibi, Hafsa; Khan, Farrukh Zeeshan; Ahmad, Muneer; Naseem, Anum; Holynski, Tomasz; Ooi, Kelvin J. A.; Mahar, Javed Ahmed	IEEE ACCESS
50	Emotion Recognition Using Explainable Genetically Optimized Fuzzy ART Ensembles	Liew, Wei Shiung; Loo, Chu Kiong; Wermter, Stefan	IEEE ACCESS
51	Intention to share: the relationship between cybersecurity behaviour and sharing specific content in Facebook	Tamrin, Suraya Ika; Norman, Azah Anir; Hamid, Suraya	INFORMATION RESEARCH-AN INTERNATIONAL ELECTRONIC JOURNAL
52	Internet of Drones Security and Privacy Issues: Taxonomy and Open Challenges	Yahuza, Muktar; Idris, Mohd Yamani Idna; Ahmedy, Ismail Bin; Wahab, Ainuddin Wahid Abdul; Nandy, Tarak; Noor, Noorzaily Mohamed; Bala, Abubakar	IEEE ACCESS
53	Machine learning-based offline signature verification systems: A systematic review	Hameed, M. Muzaffar; Ahmad, Rodina; Kiah, Miss Laiha Mat; Murtaza, Ghulam	SIGNAL PROCESSING-IMAGE COMMUNICATION
54	Machine learning-data mining integrated approach for premature ventricular contraction prediction	Mastoi, Qurat-ul-ain; Memon, Muhammad Suleman; Lakhani, Abdullah; Mohammed, Mazin Abed; Qabulio, Mumtaz; Al-Turjman, Fadi; Abdulkareem, Karrar Hameed	NEURAL COMPUTING & APPLICATIONS
55	Multi-Objective Harris Hawks Optimization Algorithm Based 2-Hop Routing Algorithm for CR-VANET	Hossain, Mohammad Asif; Noor, Rafidah Md; Yau, Kok-Lim Alvin; Azzuhri, Saaidal Razalli; Z'Abar, Muhammad Reza; Ahmedy, Ismail; Jabbarpour, Mohammad Reza	IEEE ACCESS
56	Performance Evaluation of AOMDV on Realistic and Efficient VANet Simulations	Waseem, Rana Muhammad; Khan, Farrukh Zeeshan; Ahmad, Muneer; Naseem, Anum; Jhanjhi, N. Z.; Ghosh, Uttam	WIRELESS PERSONAL COMMUNICATIONS
57	Quantum k-means algorithm based on trusted server in quantum cloud computing	Gong, Changqing; Dong, Zhaoyang; Gani, Abdullah; Qi, Han	QUANTUM INFORMATION PROCESSING
58	RFID Authentication Scheme Based on Hyperelliptic Curve Signcryption	Ali, Usman; Bin Idris, Mohd Yamani Idna; Bin Ayub, Mohamad Nizam; Ullah, Insaf; Ali, Ihsan; Nandy, Tarak; Yahuza, Muktar; Khan, Nauman	IEEE ACCESS

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59	Speaker identification through artificial intelligence techniques: A comprehensive review and research challenges	Jahangir, Rashid; Teh, Ying Wah; Nweke, Henry Friday; Mujtaba, Ghulam; Al-Garadi, Mohammed Ali; Ali, Ihsan	EXPERT SYSTEMS WITH APPLICATIONS
60	Spotting Football Events Using Two-Stream Convolutional Neural Network and Dilated Recurrent Neural Network	Mahaseni, Behzad; Faizal, Erma Rahayu Mohd; Raj, Ram Gopal	IEEE ACCESS
61	A New Medical Image Enhancement Algorithm Based on Fractional Calculus	Jalab, Hamid A.; Ibrahim, Rabha W.; Hasan, Ali M.; Karim, Faten Khalid; Al-Shamasneh, Ala'a R.; Baleanu, Dumitru	CMC-COMPUTERS MATERIALS & CONTINUA
62	A RIGOROUS APPROACH TO PRIORITIZING CHALLENGES OF WEB-BASED APPLICATION SYSTEMS	Qadir, Mubshra; Farid, Shahid; Nasir, Mohd Hairul Nizam Bin Md; Akbar, Atif	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
63	A systematic literature review on mobility in terrestrial and underwater wireless sensor networks	Ghanem, Mahran; Mansoor, Ali Mohammed; Ahmad, Rodina	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS
64	A tree-based multiclassification of breast tumor histopathology images through deep learning	Murtaza, Ghulam; Wahab, Ainuddin Wahid Abdul; Raza, Ghulam; Shuib, Liyana	COMPUTERIZED MEDICAL IMAGING AND GRAPHICS
65	An IoT-Based Network for Smart Urbanization	Saeed, Sabeeh Ahmad; Khan, Farrukh Zeeshan; Iqbal, Zeshan; Alroobaea, Roobaea; Ahmad, Muneer; Talha, Muhammad; Raza, Muhammad Ahsan; Ali, Ihsan	WIRELESS COMMUNICATIONS & MOBILE COMPUTING
66	Automated Machine Learning Approaches for Emergency Response and Coordination via Social Media in the Aftermath of a Disaster: A Review	Dwarakanath, Lokabhiram; Kamsin, Amirrudin; Rasheed, Rasheed Abubakar; Anandhan, Anitha; Shuib, Liyana	IEEE ACCESS
67	ClaviNet: Generate Music With Different Musical Styles	Lim, Yu-Quan; Chan, Chee Seng; Loo, Fung Ying	IEEE MULTIMEDIA
68	COMPREHENSION OF LINKED LIST DIAGRAMS: THE EFFECTS ON CODE WRITING SKILLS	Obaidillah, U. H.; Faizal, Erma Rahayu Mohd; Sabri, Aznul Qalid Md.; Kia, Chiam Yin	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
69	Designing of a Simulation Tool for the Performance Analysis of Hybrid Data Center Networks (DCNs)	Ahmad, Muhib; Khan, Farrukh Zeeshan; Iqbal, Zeshan; Ahmad, Muneer; Ali, Ihsan; Alshamrani, Sultan S.; Talha, Muhammad; Raza, Muhammad Ahsan	COMPLEXITY
70	High referral accuracy for oral cancers and oral potentially malignant disorders using telemedicine	Haron, Nabihah; Rajendran, Senthilmani; Kallarakkal, Thomas George; Zain, Rosnah Binti; Ramanathan, Anand; Abraham, Mannil Thomas; Lau, Shin Hin; Cheng, Lai Choo; Chong, Sherrie Mei Yee; Mohamed Azahar, Farah Aliya; Mohamad Zaini, Zuraiza; Chan, Siew Wui; Goh, Yet Ching; Lim, Daniel; Khairi, Juliana; Abidin, Marzuki Zainal; Abdul Rahman, Zainal Ariff; Liew, Chee Sun; Fong, Siew Chinn; Yang, Yi-Hsin; Ismail, Siti Mazlipah; Cheong, Sok Ching	ORAL DISEASES

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71	Hospital readmission prediction based on improved feature selection using grey relational analysis and LASSO	Miswan, Nor Hamizah; Chan, Chee Seng; Ng, Chong Guan	GREY SYSTEMS-THEORY AND APPLICATION
72	Improved-Team-Game-Optimization-Algorithm-Based Solar MPPT With Fast Convergence Speed and Fast Response to Load Variations	Shams, Immad; Mekhilef, Saad; Tey, Kok Soon	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS
73	Mining Stack Overflow for API class recommendation using DOC2VEC and LDA	Lee, Wai Keat; Su, Moon Ting	IET SOFTWARE
74	Multi-Attribute Online Decision-Making Driven by Opinion Mining	Shamim, Azra; Qureshi, Muhammad Ahsan; Jabeen, Farhana; Liaqat, Misbah; Bilal, Muhammad; Jembre, Yalew Zelalem; Attique, Muhammad	MATHEMATICS
75	Relating molecular descriptors to frontier orbital energy levels, singlet and triplet excited states of fused tricyclics using machine learning	Woon, Kai Lin; Chong, Zhao Xian; Ariffin, Azhar; Chan, Chee Seng	JOURNAL OF MOLECULAR GRAPHICS & MODELLING
76	Secure Identification, Traceability and Real-Time Tracking of Agricultural Food Supply During Transportation Using Internet of Things	Bhutta, Muhammad Nasir Mumtaz; Ahmad, Muneer	IEEE ACCESS
77	Securing NDN-Based Internet of Health Things through Cost-Effective Signcryption Scheme	Aroosa; Ullah, Syed Sajid; Hussain, Saddam; Alroobaea, Roobaea; Ali, Ihsan	WIRELESS COMMUNICATIONS & MOBILE COMPUTING
78	A review on Deep Learning approaches for low-dose Computed Tomography restoration	Kulathilake, K. A. Saneera Hemantha; Abdullah, Nor Aniza; Sabri, Aznul Qalid Md; Lai, Khin Wee	COMPLEX & INTELLIGENT SYSTEMS
79	A survey of reversible data hiding in encrypted images & ndash; The first 12 years	Puteaux, Pauline; Ong, SimYing; Wong, KokSheik; Puech, William	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION
80	Adaptive Power Control Aware Depth Routing in Underwater Sensor Networks	Ahmed, Ghufuran; Islam, Saiful; Ali, Ihsan; Hayder, Isra Adil; Ahmed, Abdelmutilib Ibrahim Abdalla; Talha, Muhammad; Alshamrani, Sultan S.; Ibrahim, Ag Asri Ag	CMC-COMPUTERS MATERIALS & CONTINUA
81	Capacitor Voltage Balancing with Online Controller Performance-Based Tuning for a Switch- Sharing-Based Multilevel Inverter	Ramli, Zalfah; Jamaludin, Jaffer; Abd Rahim, Nasrudin; Azzuhri, Saaidal Razalli	APPLIED SCIENCES-BASEL
82	Data Embedding in SHVC Video Using Threshold-Controlled Block Splitting	Pang, LieLin; Wong, KokSheik; Tew, Yiqi; Rahardja, Susanto	APPLIED SCIENCES-BASEL
83	E-learning adoption in higher education: A review	Baig, Maria Ijaz; Shuib, Liyana; Yadegaridehkordi, Elaheh	INFORMATION DEVELOPMENT
84	Enabling Reachability Across Multiple Domains Without Controller Synchronization in SDN	Khan, Nauman; Bin Salleh, Rosli; Ali, Ihsan; Khan, Zahid; Mazhar, Noman; Alroobaea, Roobaea; Almansour, Fahad; Ali, Usman	CMC-COMPUTERS MATERIALS & CONTINUA
85	Experimental Analysis in Hadoop MapReduce: A Closer Look at Fault Detection and Recovery Techniques	Saadoon, Muntadher; Hamid, Siti Hafizah Ab; Sofian, Hazrina; Altarturi, Hamza; Nasuha, Nur; Azizul, Zati Hakim; Sani, Asmiza Abdul; Asemi, Adeleh	SENSORS
86	Extended Forgery Detection Framework for COVID-19 Medical Data Using Convolutional Neural Network	Gill, Sajid Habib; Sheikh, Noor Ahmed; Rajpar, Samina; ul Abidin, Zain; Jhanjhi, N. Z.; Ahmad, Muneer; Razaq, Mirza Abdur; Alshamrani, Sultan S.; Malik, Yasir; Jaafar, Fehmi	CMC-COMPUTERS MATERIALS & CONTINUA

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87	Identification of significant climatic risk factors and machine learning models in dengue outbreak prediction	Yavari Nejad, Felestin; Varathan, Kasturi Dewi	BMC MEDICAL INFORMATICS AND DECISION MAKING
88	Institutional repositories in Africa: Regaining direction	Adam, Usman Ahmed; Kaur, Kiran	INFORMATION DEVELOPMENT
89	Mobile English language learning: a systematic review of group size, duration, and assessment methods	Elaish, Monther M.; Shuib, Liyana; Hwang, Gwo-Jen; Ghani, Norjihhan Abdul; Yadegaridehkordi, Elaheh; Zainuddin, Siti Zaidah	COMPUTER ASSISTED LANGUAGE LEARNING
90	SOCIAL MEDIA ANALYTICS USING SENTIMENT AND CONTENT ANALYSES ON THE 2018 MALAYSIA'S GENERAL ELECTION	Balakrishnan, Vimala; Kaity, Mohammed; Rahim, Hajar Abdul; Ismail, Nazari	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
91	Superposition of Functional Contours Based Prosodic Feature Extraction for	Mahar, Shahid Ali; Mahar, Mumtaz Hussain; Mahar, Javed Ahmed; Masud, Mehedi; Ahmad, Muneer; Jhanjhi, N. Z.; Razzaq, Mirza Abdur	INTELLIGENT AUTOMATION AND SOFT COMPUTING
92	Towards Enabling Multihop Wireless Local Area Networks for Disaster Communications	Laghari, Muhammad Bux; Shahwani, Hamayoun; Shah, Syed Attique; Wagan, Raja Asif; Rauf, Zahid; Ali, Ihsan; Alshamrani, Sultan S.; Frnda, Jaroslav	WIRELESS COMMUNICATIONS & MOBILE COMPUTING
93	Deep neural network-based application partitioning and scheduling for hospitals and medical enterprises using IoT assisted mobile fog cloud	Lakhan, Abdullah; Mastoi, Qurat-UI-Ain; Elhoseny, Mohamed; Memon, Muhammad Suleman; Mohammed, Mazin Abed	ENTERPRISE INFORMATION SYSTEMS
94	Architecture for Resource Allocation in the Internet of Vehicles for Cooperating Driving System	Kalsoom, Nafeesa; Ahmad, Iftikhar; Alrobaea, Rooba; Raza, Muhammad Ahsan; Khalid, Samina; Ahmed, Zaheed; Ali, Ihsan	JOURNAL OF ADVANCED TRANSPORTATION
95	Grano-GT: A granular ground truth collection tool for encrypted browser-based Internet traffic	Zaki, F., Gani, A., Tahaei, H., Furnell, S., Anuar, N.B. (2021). Grano-GT: A granular ground truth collection tool for encrypted browser-based Internet traffic. Computer Networks, 184, 107617. doi: 10.1016/j.comnet.2020.107617	COMPUTER NETWORKS
96	Log-based software monitoring: a systematic mapping study	Candido, Jeanderson; Aniche, Mauricio; van Deursen, Arie	PEERJ COMPUTER SCIENCE
97	Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures	ur Rehman, M. H., Liew, C. S., Wah, T. Y., Imran, M., Salah, K., Nasser, N., and Svetinovic	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE
98	Model learning analysis of 3D optoacoustic mesoscopy images for the classification of atopic dermatitis	Park, Sojeong; Saw, Shier Nee; Li, Xiuting; Paknezhad, Mahsa; Coppola, Davide; Dinish, U. S.; Attia, Amalina Binite Ebrahim; Yew, Yik Weng; Thng, Steven Tien Guan; Lee, Hwee Kuan; Olivo, Malini	BIOMEDICAL OPTICS EXPRESS
99	A Hybrid Personalized Scientific Paper Recommendation Approach Integrating Public Contextual Metadata	Sakib, Nazmus; Ahmad, Rodina Binti; Ahsan, Momninul; Based, Md Abdul; Haruna, Khalid; Haider, Julfikar; Gurusamy, Saravanakumar	IEEE ACCESS
100	A novel approach for heart disease prediction using strength scores with significant predictors	Yazdani, Armin; Varathan, Kasturi Dewi; Chiam, Yin Kia; Malik, Asad Waqar; Wan Ahmad, Wan Azman	BMC MEDICAL INFORMATICS AND DECISION MAKING

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101	CLASS: Cloud Log Assuring Soundness and Secrecy Scheme for Cloud Forensics	Ahsan, M. A. Manazir; Wahab, Ainuddin Wahid Bin Abdul; Bin Idris, Mohd Yamani Idna; Khan, Suleman; Bachura, Eric; Choo, Kim-Kwang Raymond	IEEE TRANSACTIONS ON SUSTAINABLE COMPUTING
102	Cost-efficient mobility offloading and task scheduling for microservices IoT applications in container-based fog cloud network	Lakhan, Abdullah; Memon, Muhammad Suleman; Mastoi, Qurat-ul-ain; Elhoseny, Mohamed; Mohammed, Mazin Abed; Qabulio, Mumtaz; Abdel-Basset, Mohamed	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS
103	Customers segmentation in eco-friendly hotels using multi-criteria and machine learning techniques	Yadegaridehkordi, Elaheh; Nilashi, Mehrbakhsh; Nasir, Mohd Hairul Nizam Bin Md; Momtazi, Saeedeh; Samad, Sarminah; Supriyanto, Eko; Ghabban, Fahad	TECHNOLOGY IN SOCIETY
104	Drivers and inhibitors for digital payment adoption using the Cashless Society Readiness-Adoption model in Malaysia	Balakrishnan, Vimala; Shuib, Nor Liyana Mohd	TECHNOLOGY IN SOCIETY
105	Improved Ring Radius Transform-Based Reconstruction for Video Character Recognition	Huang, Zhiheng; Shivakumara, Palaiahnakote; Lu, Tong; Pal, Umapada; Blumenstein, Michael; Chetty, Bhaarat; Kumar, G. Hemantha	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE
106	Multi-feature fusion framework for sarcasm identification on twitter data: A machine learning based approach	Eke, Christopher Ifeanyi; Norman, Azah Anir; Shuib, Liyana	PLOS ONE
107	Planning Fog networks for time-critical IoT requests	Saba, Ume Kalsoom; ul Islam, Saif; Ijaz, Humaira; Rodrigues, Joel J. P. C.; Gani, Abdullah; Munir, Kashif	COMPUTER COMMUNICATIONS
108	Predicting judging-perceiving of Myers-Briggs Type Indicator (MBTI) in online social forum	Choong, En Jun; Varathan, Kasturi Dewi	PEERJ
109	Self-Management Apps for People With Epilepsy: Systematic Analysis	Alzamanan, Mohsen Zaid; Lim, Kheng-Seang; Ismail, Maizatul Akmar; Ghani, Norjihan Abdul	JMIR MHEALTH AND UHEALTH
110	SEMI-FRAGILE WATERMARKING SCHEME FOR RELATIONAL DATABASE TAMPER DETECTION	Shah, Saeed Arif; Khan, Imran Ali; Kazmi, Syed Zaki Hassan; Nasaruddin, Fariza Hanum Binti Md	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
111	A Multi-Agent Approach for Personalized Hypertension Risk Prediction	Abrar, Sundus; Loo, Chu Kiong; Kubota, Naoyuki	IEEE ACCESS
112	A new DCT-PCM method for license plate number detection in drone images	Mokayed, Hamam; Shivakumara, Palaiahnakote; Woon, Hon Hock; Kankanhalli, Mohan; Lu, Tong; Pal, Umapada	PATTERN RECOGNITION LETTERS
113	An Empirical Evaluation of Stacked Ensembles With Different Meta-Learners in Imbalanced Classification	Zian, Seng; Kareem, Sameem Abdul; Varathan, Kasturi Dewi	IEEE ACCESS
114	Lithium-Ion Battery State of Charge (SoC) Estimation with Non-Electrical parameter using Uniform Fiber Bragg Grating (FBG)	Ee, Yen-Jie; Tey, Kok-Soon; Lim, Kok-Sing; Shrivastava, Prashant; Adnan, S. B. R. S.; Ahmad, Harith	JOURNAL OF ENERGY STORAGE
115	Uncertainty-aware Decisions in Cloud Computing: Foundations and Future Directions	Kabir, H. M. Dipu; Khosravi, Abbas; Mondal, Subrota K.; Rahman, Mustaneer; Nahavandi, Saeid; Buyya, Rajkumar	ACM COMPUTING SURVEYS

PUBLICATION

ISI RESEARCH

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116	An efficient content source verification scheme for multi-receiver in NDN-based Internet of Things	Hussain, Saddam; Ullah, Syed Sajid; Ali, Ihsan	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS
117	An Enhanced Machine Learning Framework for Type 2 Diabetes Classification Using Imbalanced Data with Missing Values	Roy, Kumarmangal; Ahmad, Muneer; Waqar, Kinza; Priyaah, Kirthanaah; Nebhen, Jamel; Alshamrani, Sultan S.; Raza, Muhammad Ahsan; Ali, Ihsan	COMPLEXITY
118	Classifier Performance Evaluation for Lightweight IDS Using Fog Computing in IoT Security	Khater, Belal Sudqi; Wahab, Ainuddin Wahid Abdul; Idris, Mohd Yamani Idna; Hussain, Mohammed Abdulla; Ibrahim, Ashraf Ahmed; Amin, Mohammad Arif; Shehadeh, Hisham A.	ELECTRONICS
119	Discovering the Ganoderma Boninense Detection Methods Using Machine Learning: A Review of Manual, Laboratory, and Remote Approaches	Tee, Clarence Augustine T. H.; Teoh, Yun Xin; Yee, Por Lip; Tan, Boon Chin; Lai, Khin Wee	IEEE ACCESS
120	Exploring the opinions of secondary school students on the strengths and weaknesses of the school dental service in Selangor, Malaysia: a qualitative study	Ab Mumin, Nazirah; Yusof, Zamros Yuzadi Mohd; Marhazlinda, Jamaludin; Obaidallah, Unaizah	BMC ORAL HEALTH
121	Ontology-Based System for Educational Program Counseling	Majid, Mamoon; Hayat, Muhammad Faisal; Khan, Farrukh Zeeshan; Ahmad, Muneer; Jhanjhi, N. Z.; Bhuiyan, Mohammad Arif Sobhan; Masud, Mehedi; AlZain, Mohammed A.	INTELLIGENT AUTOMATION AND SOFT COMPUTING
122	Optimizing Workflow Task Clustering Using Reinforcement Learning	Leong, Chin Poh; Liew, Chee Sun; Chan, Chee Seng; Rehman, Muhammad Habib Ur	IEEE ACCESS
123	Stacking and Chaining of Normalization Methods in Deep Learning-Based Classification of Colorectal Cancer Using Gut Microbiome Data	Mulenga, Mwenge; Kareem, Sameem Abdul; Sabri, Aznul Qalid Md; Seera, Manjeevan	IEEE ACCESS
124	To share or not to share - The underlying motives of sharing fake news amidst the COVID-19 pandemic in Malaysia	Balakrishnan, Vimala; Ng, Kee S.; Rahim, Hajar Abdul	TECHNOLOGY IN SOCIETY
125	A COMPILATION OF FACTORS ASSOCIATED TO THE GOVERNANCE AND MANAGEMENT OF AGILE PROJECTS: A SYSTEMATIC LITERATURE REVIEW	Sithambaram, Jayasaegaran; Nasir, Mohd Hairul Nizam Bin Md; Ahmad, Rodina	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
126	A cooperative heterogeneous vehicular clustering framework for efficiency improvement	Ahmad, Iftikhar; Noor, Rafidah Md; Ahmed, Zaheed; Umm-e-Habiba; Akram, Naveed; Garcia Marquez, Fausto Pedro	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING
127	A Pursuit of Sustainable Privacy Protection in Big Data Environment by an Optimized Clustered-Purpose Based Algorithm	Ghani, Norjihjan Binti Abdul; Ahmad, Muneer; Mahmoud, Zahra; Mehmood, Raja Majid	INTELLIGENT AUTOMATION AND SOFT COMPUTING
128	A Survey of Security Challenges, Attacks Taxonomy and Advanced Countermeasures in the Internet of Things	Khanam, Shapla; Ahmedy, Ismail Bin; Idna Idris, Mohd Yamani; Jaward, Mohamed Hisham; Bin Md Sabri, Aznul Qalid	IEEE ACCESS
129	An Enhanced Deep Learning Model for Automatic Face Mask Detection	Ilyas, Qazi Mudassar; Ahmad, Muneer	INTELLIGENT AUTOMATION AND SOFT COMPUTING

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130	An enhanced lightweight and secured authentication protocol for vehicular ad-hoc network	Nandy, Tarak; Idris, Mohd Yamani Idna; Noor, Rafidah Md; Das, Ashok Kumar; Li, Xiong; Ghani, Norjihani Abdul; Bhattacharyya, Sananda	COMPUTER COMMUNICATIONS
131	CNN BASED METHOD FOR MULTI-TYPE DISEASED ARECANUT IMAGE CLASSIFICATION	Mallikarjuna, S. B.; Shivakumara, Palaiahnakote; Khare, Vijeta; Kumar, N. Vinay; Basavanna, M.; Pal, Umopada; Poornima, B.	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
132	Cyber parental control: A bibliometric study	Altarturi, Hamza H. M.; Saadon, Muntadher; Anuar, Nor Badrul	CHILDREN AND YOUTH SERVICES REVIEW
133	Deep Optimal VGG16 Based COVID-19 Diagnosis Model	Buvana, M.; Muthumayil, K.; Kumar, S. Senthil; Nebhen, Jamel; Alshamrani, Sultan S.; Ali, Ihsan	CMC-COMPUTERS MATERIALS & CONTINUA
134	Development of a web-based multidrug-resistant organisms (MDRO) monitoring and transmission tracking system on the basis of microbiology and molecular characteristics	Teh, Cindy Shuan Ju; Lee, Yee Qing; Kong, Zhi Xian; Woon, Jia Jie; Niek, Wen Kiong; Lau, Min Yi; Idris, Nuryana; Ponnampalavanar, Sasheela Sri La Sri; Ho, Peng Foong; Por, Lip Yee	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE
135	DIAGNOSIS OF METABOLIC SYNDROME USING MACHINE LEARNING, STATISTICAL AND RISK QUANTIFICATION TECHNIQUES: A SYSTEMATIC LITERATURE REVIEW	Kakudi, Habeebah Adamu; Loo, Chu Kiong; Moy, Foong Ming; Kau, Lim Chee; Pasupa, Kitsuchart	MALAYSIAN JOURNAL OF COMPUTER SCIENCE
136	Digital game-based learning in K-12 mathematics education: a systematic literature review	Hussein, Mahmood H.; Ow, Siew Hock; Elaish, Monther M.; Jensen, Erik O.	EDUCATION AND INFORMATION TECHNOLOGIES
137	Efficient classification of COVID-19 CT scans by using q-transform model for feature extraction	Al-Azawi, Razi J.; Al-Saidi, Nadia M. G.; Jalab, Hamid A.; Kahtan, Hasan; Ibrahim, Rabha W.	PEERJ COMPUTER SCIENCE
138	Forged text detection in video, scene, and document images	Nandanwar, Lokesh; Shivakumara, Palaiahnakote; Mondal, Prabir; Raghunandan, Karpuravalli Srinivas; Pal, Umopada; Lu, Tong; Lopresti, Daniel	IET IMAGE PROCESSING
139	Harness the Global Impact of Big Data in Nurturing Social Entrepreneurship: A Systematic Literature Review	Zulkefily, Nur Azreen; Ghani, Norjihani Abdul; Hamid, Suraya; Ahmad, Muneer; Gupta, Brij B.	JOURNAL OF GLOBAL INFORMATION MANAGEMENT
140	How is open access publishing going down with early career researchers? An international, multi-disciplinary study	Nicholas, David; Jamali, Hamid R.; Herman, Eti; Xu, Jie; Boukacem-Zeghmouri, Cherifa; Watkinson, Anthony; Rodriguez-Bravo, Blanca; Abrizah, Abdullah; Swigon, Marzena; Polezhaeva, Tatiana	PROFESIONAL DE LA INFORMACION
141	Hybrid Workload Enabled and Secure Healthcare Monitoring Sensing Framework in Distributed Fog-Cloud Network	Lakhan, Abdullah; Mastoi, Qurat-ul-ain; Dootio, Mazhar Ali; Alqahtani, Fehaid; Alzahrani, Ibrahim R.; Baothman, Fatmah; Shah, Syed Yaseen; Shah, Syed Aziz; Anjum, Nadeem; Abbasi, Qammer Hussain; Khokhar, Muhammad Saddam	ELECTRONICS
142	Image Splicing Detection Based on Texture Features with Fractal Entropy	Al-Azawi, Razi J.; Al-Saidi, Nadia M. G.; Jalab, Hamid A.; Ibrahim, Rabha W.; Baleanu, Dumitru	CMC-COMPUTERS MATERIALS & CONTINUA
143	Immersive Virtual Reality Application Development Using High Tech Computer Vive and High-End Laptop	Win, Lai Lai; Aziz, Faieza Abdul; Hairuddin, Abdul Aziz; Abdullah, Lili Nurliyana; Yap, Hwa Jen; Saito, Hideo; Seyajah, Norhisham	NANOSCIENCE AND NANOTECHNOLOGY LETTERS

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144	Impact of system- vs. consumer- generated recommendations on decision factors: A differential, moderating and mediating perspective	He, Yuan; Ashraf, Muhammad; Sharif, Wareesa; Abbas, Mazhar; Raza, Arslan; Jaafar, Noor Ismawati; Sulaiman, Ainin; Thurasamy, Ramayah; Shabbir, Muhammad Salman	CURRENT PSYCHOLOGY
145	Improved sine cosine algorithm with simulated annealing and singer chaotic map for Hadith classification	Tubishat, Mohammad; Ja'afar, Salinah; Idris, Norisma; Al-Betar, Mohammed Azmi; Alswaitti, Mohammed; Jarrah, Hazim; Ismail, Maizatul Akmar; Omar, Mardian Shah	NEURAL COMPUTING & APPLICATIONS
146	Improving the performance of opportunistic routing using min-max range and optimum energy level for relay node selection in wireless sensor networks	Yee, Por Lip; Mehmood, Shahid; Almogren, Ahmad; Ali, Ihsan; Anisi, Mohammad Hossein	PEERJ COMPUTER SCIENCE
147	Issues and challenges impacting the successful management of agile-hybrid projects: A grounded theory approach	Sithambaram, Jayasaegaran; Nasir, Mohd Hairul Nizam Bin Md; Ahmad, Rodina	INTERNATIONAL JOURNAL OF PROJECT MANAGEMENT
148	Mining text from natural scene and video images: A survey	Shivakumara, Palaiahnakote; Alaei, Alireza; Pal, Umapada	WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY
149	Mobile cloud computing models security issues: A systematic review	AlAhmad, Ahmad Salah; Kahtan, Hasan; Alzoubi, Yehia Ibrahim; Ali, Omar; Jaradat, Ashraf	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS
150	Optimal Load Forecasting Model for Peer-to-Peer Energy Trading in Smart Grids	Varghese, Lijo Jacob; Dhayalini, K.; Jacob, Suma Sira; Ali, Ihsan; Abdelmaboud, Abdelzahir; Eisa, Taiseer Abdalla Elfadil	CMC-COMPUTERS MATERIALS & CONTINUA
151	Organizational Data Breach: Building Conscious Care Behavior in Incident Response	Teoh, Adlyn Adam; Ghani, Norjihani Binti Abdul; Ahmad, Muneer; Jhanjhi, Nz; Alzain, Mohammed A.; Masud, Mehedi	COMPUTER SYSTEMS SCIENCE AND ENGINEERING
152	Perceptions towards research data sharing: A qualitative study of Nigerian academics	Abdullahi, Khalid Ayuba; Noorhidawati, A.	MALAYSIAN JOURNAL OF LIBRARY & INFORMATION SCIENCE
153	Precision Measurement for Industry 4.0 Standards towards Solid Waste Classification through Enhanced Imaging Sensors and Deep Learning Model	Qin, Leow Wei; Ahmad, Muneer; Ali, Ihsan; Mumtaz, Rafia; Zaidi, Syed Mohammad Hassan; Alshamrani, Sultan S.; Raza, Muhammad Ahsan; Tahir, Muhammad	WIRELESS COMMUNICATIONS & MOBILE COMPUTING
154	Predictive modelling of hospital readmission: Evaluation of different preprocessing techniques on machine learning classifiers	Miswan, Nor Hamizah; Chan, Chee Seng; Ng, Chong Guan	INTELLIGENT DATA ANALYSIS

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155	Prioritising topics for developing e-learning resources in healthcare curricula: A comparison between students and educators using a modified Delphi survey	Lim, Hooi Min; Ng, Chirk Jenn; Teo, Chin Hai; Lee, Ping Yein; Kassim, Puteri Shanaz Jahn; Nasharuddin, Nurul Amelina; Yong, Phelim Voon Chen; Sellappans, Renukha; Yap, Wei Hsum; Lee, Yew Kong; Abu Hassan, Zahiruddin Fitri; Krishnan, Kuhan; Ghazali, Sazlina Shariff; Idris, Faridah; Hassan, Nurhanim; Ayub, Enna; Konstantinidis, Stathis; Taylor, Michael; Poussa, Cherry; Karlgren, Klas; Stathakarou, Natalia; Mordt, Petter; Nilsen, Arne Thomas; Wharrad, Heather	PLOS ONE
156	Protect, show, attend and tell: Empowering image captioning models with ownership protection	Lim, Jian Han; Chan, Chee Seng; Ng, Kam Woh; Fan, Lixin; Yang, Qiang	PATTERN RECOGNITION
157	Revisiting Spasticity After Stroke: Clustering Clinical Characteristics for Identifying At-Risk Individuals	Ahmedy, Fatimah; Tuah, Nooralisa Mohd; Hashim, Natiara Mohamad; Shah, Syahiskandar Sybil; Ahmedy, Ismail; Tan, Soo Fun	JOURNAL OF MULTIDISCIPLINARY HEALTHCARE
158	Security and Privacy Aspects of Cloud Computing: A Smart Campus Case Study	Gill, Sajid Habib; Razzaq, Mirza Abdur; Ahmad, Muneer; Almansour, Fahad M.; UI Haq, Ikram; Jhanjhi, N. Z.; Alam, Malik Zaib; Masud, Mehedi	INTELLIGENT AUTOMATION AND SOFT COMPUTING
159	Smart Farming: An Enhanced Pursuit of Sustainable Remote Livestock Tracking and Geofencing Using IoT and GPRS	Ilyas, Qazi Mudassar; Ahmad, Muneer	WIRELESS COMMUNICATIONS & MOBILE COMPUTING
160	Social entrepreneurship in higher education: challenges and opportunities	Roslan, Muhammad Hamirul Hamizan; Hamid, Suraya; Ijab, Mohamad Taha; Yusop, Farrah Dina; Norman, Azah Anir	ASIA PACIFIC JOURNAL OF EDUCATION
161	Speech Emotion Recognition by Late Fusion for Bidirectional Reservoir Computing With Random Projection	Ibrahim, Hemin; Loo, Chu Kiong; Alnajjar, Fady	IEEE ACCESS
162	The 3-Axis Scalable Service-Cloud Resource Modeling for Burst Prediction Under Smart Campus Scenario	Razzaq, Mirza Abdur; Mahar, Javed Ahmed; Ahmad, Muneer; Ali, Ihsan; Alroobaea, Roobaea; Almansour, Fahad; Roy, Kumarmangal	IEEE ACCESS
163	The effective components of creativity in digital game-based learning among young children: A case study	Behnamnia, Najmeh; Kamsin, Amirrudin; Ismail, Maizatul Akmar Binti; Hayati, A.	CHILDREN AND YOUTH SERVICES REVIEW
164	The Effects of Applying Privacy by Design to Preserve Privacy and Personal Data Protection in Mobile Cloud Computing: An Exploratory Study	Alnajrani, Hussain Mutlaq; Norman, Azah Anir	SYMMETRY-BASEL
165	The future of social entrepreneurship: modelling and predicting social impact	Zulkefly, Nur Azreen; Abdul Ghani, Norjihan; Chin, Christie Pei-Yee; Hamid, Suraya; Abdullah, Nor Aniza	INTERNET RESEARCH
166	Towards Sustainable Mobile Learning: A Brief Review of the Factors Influencing Acceptance of the Use of Mobile Phones as Learning Tools	Alghazi, Saud S.; Wong, Seng Yue; Kamsin, Amirrudin; Yadegaridehkordi, Elaheh; Shuib, Liyana	SUSTAINABILITY
167	A new context-based feature for classification of emotions in photographs	Krishnani, Divya; Shivakumara, Palaiahnakote; Lu, Tong; Pal, Umapada; Lopresti, Daniel; Kumar, Govindaraju Hemantha	MULTIMEDIA TOOLS AND APPLICATIONS

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168	A Proposed Framework for Developing an Electronic Medical Record System	Xanthidis, Dimitrios; Xanthidou, Ourania Koutzampasopoulou	JOURNAL OF GLOBAL INFORMATION MANAGEMENT
169	A Scalable Key and Trust Management Solution for IoT Sensors Using SDN and Blockchain Technology	Hameed, Sufian; Shah, Syed Attique; Saeed, Qazi Sarmad; Siddiqui, Shahbaz; Ali, Ihsan; Vedeshin, Anton; Draheim, Dirk	IEEE SENSORS JOURNAL
170	A semi-supervised approach in detecting sentiment and emotion based on digital payment reviews	Balakrishnan, Vimala; Lok, Pik Yin; Abdul Rahim, Hajar	JOURNAL OF SUPERCOMPUTING
171	A stream position performance analysis model based on DDoS attack detection for cluster-based routing in VANET	Kolandaisamy, Raenu; Noor, Rafidah Md; Kolandaisamy, Indraah; Ahmedy, Ismail; Kiah, Miss Laiha Mat; Tamil, Mohd Emran Mohd; Nandy, Tarak	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING
172	A Systematic Review on Hadith Authentication and Classification Methods	Binbeshr, Farid; Kamsin, Amirrudin; Mohammed, Manal	ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING
173	Action recognition on continuous video	Chang, Y. L.; Chan, C. S.; Remagnino, P.	NEURAL COMPUTING & APPLICATIONS
174	An affect-based classification of emotions associated with images of food	Tahir, Yusra; Rahman, Anis Ur; Ravana, Sri Devi	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION
175	An Effective Online Collaborative Training in Developing Listening Comprehension Skills	Ahmed, Shakeel; Ambreen, Munazza; Ahmad, Muneer; Alaboudi, Abdullellah A.; Alroobaea, Roobaea; Jhanjhi, N. Z.	COMPUTER SYSTEMS SCIENCE AND ENGINEERING
176	Analysis of Support for Parents in Raising Children with Dyslexia	Abd Rauf, Athira Amira; Akmar Ismail, Maizatul; Balakrishnan, Vimala; Cheong, Loh Sau; Admodisastro, Novia Indriaty; Haruna, Khalid	JOURNAL OF FAMILY ISSUES
177	B5G-Enabled Distributed Artificial Intelligence on Edges for COVID-19 Pandemic Outbreak Prediction	Hassan, Md Rafiul; Hassan, Mohammad Mehedi; Altaf, Meteb; Yeasar, Mostafa Shamin; Hossain, M. Imtiaz; Fatema, Kanis; Shaharin, Rubya; Ahmed, Adel F.	IEEE NETWORK
178	Calculating carbon emissions from personal travelling: insights from a top-down analysis of key calculators	Bekaroo, Girish; Roopowa, Divesh; Zakari, Abubakar; Niemeier, Debbie	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
179	Coherent group detection in still image	Japar, Nurul; Kok, Ven Jyn; Chan, Chee Seng	MULTIMEDIA TOOLS AND APPLICATIONS
180	CUPSEED-A combined use of prediction syntax elements to embed data in SHVC video	Pang, LieLin; Tew, Yiqi; Wong, KokSheik; Bin Ayub, Mohamad Nizam	MULTIMEDIA TOOLS AND APPLICATIONS
181	Deep learned compact binary descriptor with a lightweight network-in-network architecture for visual description	Bandara, Ravimal; Ranathunga, Lochandaka; Abdullah, Nor Aniza	VISUAL COMPUTER
182	Design and Testing of an Epidermal RFID Mechanism in a Smart Indoor Human Tracking System	Rohei, Muhammad Sadiq; Salwana, Ely; Shah, Nordiana Binti Ahmad Kharman; Kakar, Abdul Sattar	IEEE SENSORS JOURNAL
183	Game Theory Analysis and Modeling of Sophisticated Multi-Collusion Attack in MANETs	Khan, Burhan Ul Islam; Anwar, Farhat; Olanrewaju, Rashidah F.; Kiah, Miss Laiha Binti Mat; Mir, Roohie N.	IEEE ACCESS

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184	INSWF DNAsignal analysis tool: Intelligent noise suppression window filter	Ahmad, Muneer; Ahmad, Iftikhar; Bilal, Muhammad; Jolfaei, Alireza; Mehmood, Raja Majid	SOFTWARE-PRACTICE & EXPERIENCE
185	Investigating transportation research based on social media analysis: a systematic mapping review	Zayet, Tasnim M. A.; Ismail, Maizatul Akmar; Varathan, Kasturi Dewi; Noor, Rafidah M. D.; Chua, Hui Na; Lee, Angela; Low, Yeh Ching; Singh, Sheena Kaur Jaswant	SCIENTOMETRICS
186	Mobility Aware Blockchain Enabled Offloading and Scheduling in Vehicular Fog Cloud Computing	Lakhan, Abdullah; Ahmad, Muneer; Bilal, Muhammad; Jolfaei, Alireza; Mehmood, Raja Majid	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS
187	Novel Adaptive Binarization Method for Degraded Document Images	Abdullah, Siti Norul Huda Sheikh; Ismail, Saad M.; Hasan, Mohammad Kamrul; Shivakumara, Palaiahnakote	CMC-COMPUTERS MATERIALS & CONTINUA
188	Personalized Robot Interventions for Autistic Children: An Automated Methodology for Attention Assessment	Alnajjar, Fady; Cappuccio, Massimiliano; Renawi, Abdulrahman; Mubin, Omar; Loo, Chu Kiong	INTERNATIONAL JOURNAL OF SOCIAL ROBOTICS
189	Publishing volumes in major databases related to Covid-19	Teixeira da Silva, Jaime A.; Tsigaris, Panagiotis; Erfanmanesh, Mohammadamin	SCIENTOMETRICS
190	Reusability affecting factors and software metrics for reusability: A systematic literature review	Mehboob, Bilal; Chong, Chun Yong; Lee, Sai Peck; Lim, Joanne Mun Yee	SOFTWARE-PRACTICE & EXPERIENCE
191	Role of Device Identification and Manufacturer Usage Description in IoT Security: A Survey	Mazhar, Noman; Salleh, Rosli; Zeeshan, Muhammad; Hameed, M. Muzaffar	IEEE ACCESS
192	SDN-OpenFlow Topology Discovery: An Overview of Performance Issues	Wazirali, Raniyah; Ahmad, Rami; Alhiyari, Suheib	APPLIED SCIENCES-BASEL
193	Semi-supervised GAN-based Radiomics Model for Data Augmentation in Breast Ultrasound Mass Classification	Pang, Ting; Wong, Jeannie Hsiu Ding; Ng, Wei Lin; Chan, Chee Seng	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE
194	The impact of the pandemic on early career researchers: what we already know from the internationally published literature	Herman, Eti; Nicholas, David; Watkinson, Anthony; Rodriguez-Bravo, Blanca; Abrizah, Abdullah; Boukacem-Zeghmouri, Cherifa; Jamali, Hamid R.; Sims, David; Allard, Suzie; Tenopir, Carol; Xu, Jie; Swigon, Marzena; Serbina, Galina; Cannon, Leah Parke	PROFESIONAL DE LA INFORMACION
195	The Relationship between Dark Triad Personality Traits and Sexting Behaviors among Adolescents and Young Adults across 11 Countries	Morelli, Mara; Urbini, Flavio; Bianchi, Dora; Baiocco, Roberto; Cattelino, Elena; Laghi, Fiorenzo; Sorokowski, Piotr; Misiak, Michal; Dziekan, Martyna; Hudson, Heather; Marshall, Alexandra; Nguyen, Thanh Truc T.; Mark, Lauren; Kopecky, Kamil; Sztokowski, Rene; Toplu Demirtas, Ezgi; Van Ouytsel, Joris; Ponnet, Koen; Walrave, Michel; Zhu, Tingshao; Chen, Ya; Zhao, Nan; Liu, Xiaoqian; Voiskounsky, Alexander; Bogacheva, Nataliya; Ioannou, Maria; Synnott, John; Tzani-Pepelasi, Kalliopi; Balakrishnan, Vimala; Okumu, Moses; Small, Eusebius; Pavlova Nikolova, Silviya; Drouin, Michelle; Chirumbolo, Antonio	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH

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196	Wireless backhaul network's capacity optimization using time series forecasting approach	Mahmood, Atif; Kiah, Miss Laiha Mat; Azzuhri, Saaidal Razalli; Kamal, Muhammad Mustafa; Eldabi, Tillal; Qureshi, Adnan N.; Azizul, Zati Hakim; Z'aba, Muhammad Reza	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING
197	A Multi-Criteria Approach for Arabic Dialect Sentiment Analysis for Online Reviews: Exploiting Optimal Machine Learning Algorithm Selection	Abo, Mohamed Elhag Mohamed; Idris, Norisma; Mahmud, Rohana; Qazi, Atika; Hashem, Ibrahim Abaker Targio; Maitama, Jaafar Zubairu; Naseem, Usman; Khan, Shah Khalid; Yang, Shuiqing	SUSTAINABILITY
198	A Novel De-Ghosting Image Fusion Technique for Multi-Exposure, Multi-Focus Images Using Guided Image Filtering	Roomi, Muhammad Sohaib; Imran, Muhammad; Shah, Syed Attique; Almogren, Ahmad; Ali, Ihsan; Zuair, Mansour	IEEE ACCESS
199	A Secure, Privacy-Preserving, and Lightweight Authentication Scheme for VANETs	Nandy, Tarak; Idris, Mohd Yamani Idna; Noor, Rafidah Md; Wahab, Ainuddin Wahid Abdul; Bhattacharyya, Sananda; Kolandaisamy, Raenu; Yahuzza, Muktar	IEEE SENSORS JOURNAL
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