

No	Title	Author
1	TTT20211182 Coronavirus herd immunity optimizer with greedy crossover for feature selection in medical diagnosis	Mohammed Alweshah, Saleh Alkhalaileh, Mohammed Azmi Al-Betar, Azuraliza Abu Bakar
2	TTT2022127 Enhanced clustering models with wiki-based k-nearest neighbors-based representation for web search result clustering	Ali Sabah Abdulameer, Sabrina Tiun, Nor Samsiah Sani, Masri Ayob, Adil Yaseen Taha
3	TTT2022305 Monotone fuzzy rule interpolation for practical modeling of the zero-order TSK fuzzy inference system	Yi Wen Kerk, Kai Meng Tay, Chee Peng Lim
4	TTT202238 COVID19 depression and its risk factors in Asia Pacific - A systematic review and meta analysis	Vimala Balakrishnan, Kee Seong Ng, Wandeep Kaur, Kumanan Govaichelvan, Zhen Lek Lee
5	TTT2022406 Backpropagation neural network optimization and software defect estimation modelling using a hybrid salp swarm optimizer-based simulated annealing algorithm	Sofian Kassaymeh, Mohamad Al-Laham, Mohammed Azmi Al-Betar, Mohammed Alweshah, Salwani Abdullah, Sharif Naser Makhadmeh
6	TTT2022423 Salp swarm optimizer for modeling the software fault prediction problem	Sofian Kasseyemeh, Salwani Abdullah, Mohammed Azmi Al-Betar and Mohammed Alweshah
7	TTT2022482 Mental health risk factors and coping strategies among students in Asia pacific during Covid-19 pandemic - a scoping review	Wandeep Kaur, Vimala Balakrishnan, Yoke Yong Chen and Jeyarani Periasamy
8	TTT2022523 Association features of smote and rose for drug addiction relapse risk	Nor Ashidah Selamat, Azizi Abdullah, Norizan Mat Diah
9	TTT2022702 Arabic light-based stemmer using new rules	Hamood Alshalabi, Sabrina Tiun, Nazlia Omar, Fatima N. AL-Aswadi, Kamal Ali Alezabi
10	TTT2022836 Equilibrium optimizer and slime mould algorithm with variable neighborhood search for job shop scheduling problem	Yuanfei Wei, Zalinda Othman, Kauthar Mohd Daud, Shihong Yin , Qifang Luo and Yongquan Zhou
11	TTT2022508 Gray wolf optimization-extreme learning machine approach for diabetic retinopathy detection	Musatafa Abbas Abbood Albadr, Masri Ayob, Sabrina Tiun, Fahad Taha AL-Dhief, Mohammad Kamrul Hasan
12	TTT20221491 Real-world model for bitcoin price prediction	Rajat Kumar Rathore, Deepti Mishra, Pawan Singh Mehra, Om Pal, Ahmad Sobri Hashim, Azrulhizam Shapii, T. Ciano, Meshal Shutaywi

13	TTT20221717 Hybrid Symmetrical Uncertainty and Reference Set Harmony Search Algorithm for Gene Selection Problem	Salam Salameh Shreem, Mohd Zakree Ahmad Nazri, Salwani Abdullah, Nor Samsiah Sani
14	TTT2022150 Decentralized multi-robot collision avoidance: a systematic review from 2015 to 2021	Mehak Raibail, Abdul Hadi Abd Rahman, Ghassan Jasim AL-Anizy, Mohammad Faizul Nasrudin, Mohd Shahrul Mohd Nadzir, Nor Mohd Razif Noraini and Tan Siok Yee
15	TTT2022227 Ontology-based knowledge management tools for knowledge sharing in organization - a review	Mohamad Amin Osman, Shahrul Azman Mohd Noah, Saidah Saad
16	TTT2022310 An interrelated decision-making model for an intelligent decision support system in healthcare	Normadiyah Mahiddin, Zulaiha Ali Othman, Azuraliza Abu Bakar, Nur Arzuar Abdul Rahim
17	TTT2022360 A sparse optimization approach for beyond 5G mmWave massive MIMO networks	Waleed Shahjehan, Abid Ullah, Syed Waqar Shah, Imran Khan, Nor Samsiah Sani, Ki-Il Kim
18	TTT2022371 An optimal framework for SDN based on deep neural network	Abdallah Abdallah, Mohamad Khairi Ishak, Nor Samsiah Sani, Imran Khan, Fahad R. Albogamy, Hirofumi Amano, Samih M. Mostafa
19	TTT2022419 EEG channel selection for person identification using binary grey wolf optimizer	Zaid Abdi Alkareem Alyasseri, Osama Ahmad Alomari, Sharif Naser Makhadmeh, Seyedali Mirjalili, Mohammed Azmi Al-Betar, Salwani Abdullah, Nabeel Salih Ali, João P. Papa, Douglas Rodrigues, Ammar Kamal Abasi
20	TTT2022428 Intrusion detection for IoT based on a hybrid shuffled shepherd optimization algorithm	Mohamed Alweshah, Saleh Alkhalaileh, Majdi Beseiso, Muder Almiani, Salwani Abdullah
21	TTT2022434 A survey of the nurse rostering solution methodologies: the state-of-the-art and emerging trends	Chong Man Ngoo, Say Leng Goh, San Nah Sze, Nasser R. Sabar, Salwani Abdullah, Graham Kendall
22	TTT2022438 Vision-Based Autonomous Vehicle Systems Based on Deep Learning: A Systematic Literature Review	Monirul Islam Pavel, Siok Yee Tan, Azizi Abdullah
23	TTT2022449 A 2-stage approach for the nurse rostering problem	Say Leng Goh, San Nah Sze, Nasser R. Sabar, Salwani Abdullah, Graham Kendall
24	TTT2022509 Whale optimization algorithm strategies for higher interaction strength T-way testing	Ali Abdullah Hassan, Salwani Abdullah, Kamal Z. Zamli, Rozilawati Razali
25	TTT202251 A new rule-based approach for classical Arabic in natural language processing	Ramzi Salah, Muaadh Mukred, Lailatul Qadri binti Zakaria, Rashad Ahmed, Hasan Sar
26	TTT2022535 Mobile augmented reality based on multimodal inputs for experiential learning	Nurhazarifah Che Hashim, Nazatul Aini Abd Majid, Haslina Arshad, Harwati Hashim, Zaid Abdi Alkareem Alyasseri

27	TTT2022556 A patch-based CNN built on the VGG-16 architecture for real time face liveness detection	Dewan Ahmed Muhtasim, Monirul Islam Pavel, Siok Yee Tan
28	TTT2022564 Speech emotion recognition using optimized genetic algorithm-extreme learning machine	Mustafa Abbas Abbood Albadr, Sabrina Tiun, Masri Ayob, Fahad Taha AL-Dhief, Khairuddin Omar, Mhd Khaled Maen
29	TTT2022588 BPR algorithm: new broken plural rules for an Arabic stemmer	Hamood Alshalabi, Sabrina Tiun, Nazlia Omar, Elham Abdulwahab Anaam, Yazid Saif
30	TTT2022589 Research trends in the optimization of the master surgery scheduling problem	Mohamad Khairulamirin Md Razali, Abdul Hadi Abd Rahman, Masri Ayob, Razman Jarmin, Faizan Qamar, Graham Kendall
31	TTT202260 Unified graph-based missing label propagation method for multilabel text classification	Adil Yaseen Taha, Sabrina Tiun, Abdul Hadi Abd Rahman, Masri Ayob, Ali Sabah Abdulameer
32	TTT2022655 Water quality index classification based on machine learning: a case from the Langat River basin model	Illa Iza Suhana Shamsuddin, Zalinda Othman, Nor Samsiah Sani
33	TTT2022668 Clustering analysis for classifying student academic performance in higher education	Ahmad Fikri Mohamed Nafuri, Nor Samsiah Sani, Nur Fatin Aqilah Zainudin, Abdul Hadi Abd Rahman, Mohd Aliff
34	TTT2022754 Automatic malignant and benign skin cancer classification using a hybrid deep learning approach	Atheer Bassel, Amjed Basil Abdulkareem, Zaid Abdi Alkareem Alyasseri, Nor Samsiah Sani, Husam Jasim Mohammed
35	TTT2022850 Co-operative binary bat optimizer with rough set reducts for text feature selection	Aisha Adel, Nazlia Omar, Salwani Abdullah, Adel Al-Shabi
36	TTT2022895 Robotics utilization in automatic vision-based assessment system from artificial intelligence perspective: a systematic review	Rafeef Fauzi Najim Alshammari, Haslina Arshad, Abdul Hadi Abd Rahman, O.S. Albahri
37	TTT2022905 Optimization of discrete wavelet transform feature representation and hierarchical classification of G-protein coupled receptor using firefly algorithm and particle swarm optimization	Nor Ashikin Mohamad Kamal, Azuraliza Abu Bakar, Suhaila Zainudin
38	TTT2022703 AdaCB: an adaptive gradient method with convergence range bound of learning rate	Xuanzhi Liao, Shahnorbanun Sahran, Azizi Abdullah, Syaimak Abdul Shukor
39	TTT2022925 Self-adaptive salp swarm algorithm for optimization problems	Sofian Kassaymeh, Salwani Abdullah, Mohammed Azmi Al-Betar, Mohammed Alweshah, Mohamad Al-Laham, Zalinda Othman

40	TTT20221635 Short Text Clustering Algorithms, Application and Challenges: A Survey	Majid Hameed Ahmed, Sabrina Tiun, Nazlia Omar , Nor Samsiah Sani
41	TTT2022179 Enhancing data transmission in duct air quality monitoring using mesh network strategy for LoRa	Amit Mullick, Abdul Hadi Abd Rahman, Dahlila Putri Dahnil, Nor Mohd Razif Noraini
42	TTT2022353 Utilization of process network synthesis and machine learning as decision making tools for municipal solid waste management	Rabiatul Adawiyah Ali, Nik Nor Liyana Nik Ibrahim, Wan Azlina Wan Abdul Karim Ghani, Hon Loong Lam, Nor Samsiah Sani
43	TTT2022648 An optimized approach for predicting water quality features based on machine learning	Nur Afyfa Suwadi, Morched Derbali, Nor Samsiah Sani, Meng Chun Lam, Haslina Arshad, Imran Khan, and Ki-Il Kim
44	TTT2022379 Energy-aware bag-of-tasks scheduling in the cloud computing system using hybrid oppositional differential evolution-enabled whale optimization algorithm	Amit Chhabra, Sudip Kumar Sahana, Nor Samsiah Sani, Ali Mohammadzadeh and Hasmila Amirah Omar
45	TTT20221294 Detection of microcracks and dark spots in monocrystalline PERC cells using photoluminescence imaging and YOLO-based CNN with spatial pyramid pooling	Amran Binomairah, Azizi Abdullah, Bee Ee Khoo, Zeinab Mahdavi pour, Teow Wee Teo, Nor Shahirah Mohd Noor and Mohd Zaid Abdullah
46	TTT2022133 A review of Project-Based Learning (PBL) and Computational Thinking (CT) in teaching and learning	Aslina Saad, Suhaila Zainudin
47	TTT202252 Improving multi-label text classification using weighted information gain and co-trained multinomial naïve Bayes classifier	Wandeep Kaur, Vimala Balakrishnan and Kok-Seng Wong
48	TTT2022123 Customer satisfaction with digital wallet services: an analysis of security factors	Dewan Ahmed Muhtasim, Siok Yee Tan, Md Arif Hassan, Monirul Islam Pavel, Samiha Susmit
49	TTT2022128 A regression model to predict key performance indicators in higher education enrollments	Ashraf Abdelhadi, Suhaila Zainudin, Nor Samsiah Sani
50	TTT2022157 Enhanced connectivity validity measure based on outlier detection for multi-objective metaheuristic data clustering algorithms	Hossam M. J. Mustafa, Masri Ayob
51	TTT2022267 Flower pollination algorithm for feature selection in tweets sentiment analysis	Muhammad Iqbal Abu Latiffi, Mohd Ridzwan Yaakub, Ibrahim Said Ahmad

52	TTT2022277 Real-time feedback engine for online jawi character recognition	Norizan Mat Diah, Ratna Zuarni Ramli, Nor Azan Mat Zin, Azizi Abdullah
53	TTT2022283 Comparing the efficiency of pathfinding algorithms for NPCs in platform games	Umar Affandi Shahrin Iskandar, Norizan Mat Diah, Marina Ismail, Azizi Abdullah
54	TTT2022507 Improved POS tagging model for Malay twitter data based on machine learning algorithm	Siti Noor Allia Noor Ariffin, Sabrina Tiun
55	TTT2022571 Hazardous human activity recognition in hospital environment using deep learning	Khairunnisa' Ahmad Shahrin, Abdul Hadi Abd Rahman, Shidrokh Goudarzi
56	TTT2022580 An improved sardine feast metaheuristic optimization based on Lévy flight	Mohammad Faizul Nasrudin, Dwi Yanuar Panji Tresna, Salwani Abdullah, Hafiz Mohd Sarim, Sarina Sulaiman
57	TTT2022616 Environmental indicators for sustainability assessment in edible oil processing industry based on Delphi Method	Syaimak Abdul Shukor, Ng Geok Khim
58	TTT20221006 Vision based 3D Object Detection using deep learning: methods with challenges and applications towards future directions	A F M Saifuddin Saif, Zainal Rasyid Mahayuddin
59	TTT2022730 Entanglement quantification and classification: a systematic literature review	Amirul Asyraf Zhahir Mohd Ilias M Shuhud Siti Munirah Mohd Bahari Idrus Hishamuddin Zainuddin Nurhidaya Mohamad Jan Mohamed Ridza Wahiddin
60	TTT2022741 Classification exergames for rehabilitation using artificial intelligence method	Zul Hilmi Abdullah, Waidah Ismail, Lailatul Qadri Zakaria, Rimuljo Hendradi
61	TTT2022838 The Effectiveness of Arabic stemmers using Arabized word removal	Hamood Alshalabi, Sabrina Tiun, Nazlia Omar, Kamal Ali Alezabi, Fatima N. AL-Aswadi
62	TTT2022712 Determining the best email and human behavior features on phishing email classification	Ahmad Fadhil Naswir, Lailatul Qadri Zakaria, Saidah Saad
63	TTT20221449 Performance analysis in text clustering using k-means and k-medoids algorithms for Malay crime documents	Rosmayati Mohemad, Nazratul Naziah Mohd Muhait, Noor Maizura Mohamad Noor, Zulaiha Ali Othman
64	TTT20221770 An enhanced mudi-stream algorithm for clustering data stream	Mayas Aljibawi, Mohd Zakree Ahmad Nazri, Nor Samsiah Sani
65	TTT20221341 Extending adamic Adar for cols-start in link prediction based on network metrics	Herman Yuliansyah, Zulaiha Ali Othman, Azuraliza Abu Bakar

66	TTT20221365 A Hierarchical STDBSCAN with three neighborhood boundary clustering algorithm for clustering spatio temporal data	Amalia Mabrina Rus, Zulaiha Ali Othman, Azuraliza Abu Bakar, Suhaila Zainuddin
67	TTT2022527 TEC forecasting using optimized variational mode decomposition and elman neural networks	Maladh Mahmood Shakir, Zalinda Othman, Azuraliza Abu Bakar
68	TTT2022532 Modified convolutional neural network filter gate for social media text classification	Nur Suhailayani Suhaimi, Zalinda Othman, Mohd. Ridzwan Yaakub
69	TTT2022565 Representation of event-based ontology models: a comparative study	Ashour Ali, Shahrul Azman Mohd Noah, Lailatul Qadri Zakaria
70	TTT20221443 A review of lightweight object detection algorithms for mobile augmented reality	Mohammed Mansoor Nafea, Siok Yee Tan, Mohammed Ahmed Jubair, Mustafa Tareq Abd
71	TTT20221707 GPCR Protein Feature Representation using Discrete Wavelet Transform and Particle Swarm Optimisation Algorithm	Nor Ashikin Mohamad Kamal, Azuraliza Abu Bakar, Suhaila Zainudin
72	TTT2022500 Pembangunan dan penilaian pengguna untuk aplikasi kesedaran etika siber	Suhaila Zainudin, Shahrina Shahrani, Zulaiha Ali Othman, Wan Fariza Paizi@Fauzi & Khairul Akram Zainol Ariffin, Praveen a/l Kanagarajah
73	TTT2022860 Kebolegunaan penggunaan platform realiti maya mozilla hubs dalam pengurusan program pelajar	Lam Meng Chun, Tan Siok Yee, Nur Fazidah Elias, Ruzzakiah Jenal, Zainal Rasyid Mahayuddin
74	TTT20221013 Named entity recognition for Quranic text using rule based approaches	Shasha Arzila Tarmizi, Saidah Saad
75	TTT20221072 Moving object detection using semantic convolutional features	Zainal Rasyid Mahayuddin, A F M Saifuddin Saif
76	TTT2022735 Quantum computing and its application	Amirul Asyraf Zhahir, Siti Munirah Mohd, Mohd Ilias M Shuhud, Bahari Idrus, Hishamuddin Zainuddin, Nurhidaya Mohamad Jan, Mohamed Ridza Wahiddin
77	TTT20221112 Implementing BERT with Ktrain library for sentiment analysis	Hasnan Othman, Mohd Ridzwan Yaakub