No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Sharma, V., Bhushan, S., Boahar, B.S., Kumar, P., Kumar, A.	An Intelligent Approach for Protecting Privacy in Distributed Information Mining Using Secured Computation of Multiple Participating Sites	privacy-preserving information mining, distributed data, multiparty computation, secret sharing	26, 6, 515-522	https://doi.org/10.18280/isi.260601	Sharma, V., Bhushan, S., Boahar, B.S., Kumar, P., Kumar, A. (2021). An intelligent approach for protecting privacy in distributed information mining using secured computation of multiple participating sites. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 515-522. https://doi.org/10.18280/isi.260601
2	Anandarao, S., Chellasamy, S.H.	Detection of Hot Topic in Tweets Using Modified Density Peak Clustering	NLTK, TF-IDF vector model, density peak clustering, cosine similarity	26, 6, 523-531	https://doi.org/10.18280/isi.260602	Anandarao, S., Chellasamy, S.H. (2021). Detection of hot topic in tweets using modified density peak clustering. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 523-531. https://doi.org/10.18280/isi.260602
3	Boonsivanon, K., Sa-Ngiamvibool, W.	A SIFT Description Approach for Non-Uniform Illumination and Other Invariants	keypoint description, matching, image moment, SIFT, invariants	26, 6, 533-539	https://doi.org/10.18280/isi.260603	Boonsivanon, K., Sa-Ngiamvibool, W. (2021). A SIFT description approach for non-uniform illumination and other invariants. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 533-539. https://doi.org/10.18280/isi.260603
4	Wiharto, Suryani, E., Setyawan, S.	Framework Two-Tier Feature Selection on the Intelligence System Model for Detecting Coronary Heart Disease	coronary artery disease, two-tier feature selection, information gain, fast correlation-based filter	26, 6, 541-547	https://doi.org/10.18280/isi.260604	Wiharto, Suryani, E., Setyawan, S. (2021). Framework two-tier feature selection on the intelligence system model for detecting coronary heart disease. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 541-547. https://doi.org/10.18280/isi.260604
5	Srinivasan, V	Detection of Black Hole Attack Using Honeypot Agent-Based Scheme with Deep Learning Technique on MANET	blackhole attack, deep learning, honeypots agents, internet of things, intrusion detection systems	26, 6, 549-557	https://doi.org/10.18280/isi.260605	Srinivasan, V. (2021). Detection of black hole attack using honeypot agent-based scheme with deep learning technique on MANET. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 549-557. https://doi.org/10.18280/isi.260605
6	Phijik, B., Rao, C.V.G.	Pragmatic Security-Aware Cross-Layer Design for Wireless Networks from Vampire Attacks	cross layer design, wireless networks, vampire attack, carousal and stretch attacks	26, 6, 559-567	https://doi.org/10.18280/isi.260606	Phijik, B., Rao, C.V.G. (2021). Pragmatic security-aware cross-layer design for wireless networks from vampire attacks. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 559-567. https://doi.org/10.18280/isi.260606
7	Badawi, B., Nurudin, A., Muafi, M.	Consumer Conformity, Social Ties and EWOM in Digital Marketing	digital marketing, consumer conformity, social ties, EWOM, purchase intention	26, 6, 569-576	https://doi.org/10.18280/isi.260607	Badawi, B., Nurudin, A., Muafi, M. (2021). Consumer conformity, social ties and EWOM in digital marketing. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 569-576. https://doi.org/10.18280/isi.260607
8	Rajpurohit, J.	A Modified Jellyfish Search Optimizer with Opposition Based Learning and Biased Passive Swarm Motion	swarm intelligence, nature inspired optimization, metaheuristic algorithms	26, 6, 577-584	https://doi.org/10.18280/isi.260608	Rajpurohit, J. (2021). A modified jellyfish search optimizer with opposition based learning and biased passive swarm motion. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 577-584. https://doi.org/10.18280/isi.260608
9	Challa, R., Gunta, V.	Towards the Construction of Reed-Muller Code Based Symmetric Key FHE	reed-muller code, coding theory, erroneous codewords, permutation, majority logic decoding	26, 6, 585-590	https://doi.org/10.18280/isi.260609	Challa, R., Gunta, V. (2021). Towards the construction of reed-muller code based symmetric key FHE. Ingénierie des Systèmes d' Information, Vol. 26, No. 6, pp. 585-590. https://doi.org/10.18280/isi.260609
10	Sheetal, A.P., Ravindranath, K.	High Efficient Virtual Machine Migration Using Glow Worm Swarm Optimization Method for Cloud Computing	cloud computing, VM migration, VM placement, Glowworm Swarm Optimization (GSO), power consumption, resource utilization	26, 6, 591-597	https://doi.org/10.18280/isi.260610	Sheetal, A.P., Ravindranath, K. (2021). High efficient virtual machine migration using glow worm swarm optimization method for cloud computing. Ingénierie des Systèmes d'Information, Vol. 26, No. 6, pp. 591-597. https://doi.org/10.18280/isi.260610
11	Berhich, A., Jebli, I., Mbilong, P.M., El Kassiri, A., Belouadha, F.Z.	Multiple Output and Multi-Steps Prediction of COVID-19 Spread Using Weather and Vaccination Data	COVID-19 prediction, deep learning, neural networks, statistical analysis	26, 5, 425-436	https://doi.org/10.18280/isi.260501	Berhich, A., Jebli, I., Mbilong, P.M., El Kassiri, A., Belouadha, F.Z. (2021). Multiple output and multi-steps prediction of COVID-19 spread using weather and vaccination data. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 425-436. https://doi.org/10.18280/isi.260501
12	Shrivas, A.K., Dewangan, A.K., Ghosh, S.M.	Robust Text Classifier for Classification of Spam E-Mail Documents with Feature Selection Technique	spam e-mail, classification, preprocessing, random forest (RF), feature selection technique (FST)	26, 5, 437-444	https://doi.org/10.18280/isi.260502	Shrivas, A.K., Dewangan, A.K., Ghosh, S.M. (2021). Robust text classifier for classification of spam e-mail documents with feature selection technique. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 437-444. https://doi.org/10.18280/isi.260502
13	Aziz, A., Setyawan, B.W., Saddhono, K.	Using Expert System Application to Diagnose Online Game Addiction in Junior High School Students: Case Study in Five Big City in Indonesia	expert system application, diagnosis, online game addiction, junior high school students, big city in Indonesia	26, 5, 445-452	https://doi.org/10.18280/isi.260503	Aziz, A., Setyawan, B.W., Saddhono, K. (2021). Using expert system application to diagnose online game addiction in junior high school students: Case study in five big city in Indonesia. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 445-452. https://doi.org/10.18280/isi.260503
14	Nagaraju, K.C., Reddy, C.R.K.	Reusable Component Retrieval from a Large Repository Using Word2Vec with Continuous Bag of Words	repository, Word2Vec, search, code component, neural network	26, 5, 453-460	https://doi.org/10.18280/isi.260504	Nagaraju, K.C., Reddy, C.R.K. (2021). Reusable component retrieval from a large repository using Word2Vec with continuous bag of words. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 453-460. https://doi.org/10.18280/isi.260504
15	Dasari, K.B., Devarakonda, N.	Detection of Different DDoS Attacks Using Machine Learning Classification Algorithms	CICDDoS2019, classification algorithms, DDoS attacks	26, 5, 461-468	https://doi.org/10.18280/isi.260505	Dasari, K.B., Devarakonda, N. (2021). Detection of different DDoS attacks using machine learning classification algorithms. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 461-468. https://https://doi.org/10.18280/isi.260505
16	Joukhadar, A., Ghneim, N., Rebdawi, G.	Impact of Using Bidirectional Encoder Representations from Transformers (BERT) Models for Arabic Dialogue Acts Identification	AraBERT models, Arabic language, dialogue acts identifications, user intents identification	26, 5, 469-475	https://doi.org/10.18280/isi.260506	Joukhadar, A., Ghneim, N., Rebdawi, G. (2021). Impact of using bidirectional encoder representations from transformers (BERT) models for Arabic dialogue acts identification. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 469-475. https://doi.org/10.18280/isi.260506
17	Chandrasekaran, K.S., Mahalakshmi, V., Anathapadmanabhan, M.R.	Forecasting Parameter Strategy Using Data Analytics in Supply Chain Management	supply chain, data analytics, feature selection, demand supply, regression analysis	26, 5, 477-482	https://doi.org/10.18280/isi.260507	Chandrasekaran, K.S., Mahalakshmi, V., Anathapadmanabhan, M.R. (2021). Forecasting parameter strategy using data analytics in supply chain management. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 477-482. https://doi.org/10.18280/isi.260507
18	Challa, R., Rao, K.S.	Hybrid Approach for Detection of Objects from Images Using Fisher Vector and PSO Based CNN	cnvolutional neural networks (CNN), fisher vectors (FV), PSO, object detection, deep learning, image processing	26, 5, 483-489	https://doi.org/10.18280/isi.260508	Challa, R., Rao, K.S. (2021). Hybrid approach for detection of objects from images using fisher vector and PSO based CNN. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 483-489. https://doi.org/10.18280/isi.260508
19	Fitriati, A., Anggoro, S., Harmianto, S., Tubastuvi. N.	Kindfull-Digital Character Book Effectiveness: A User Satisfaction Approach	end-user computing satisfaction, kindfull-digital character book, system quality, user competence, user satisfaction	26, 5, 491-500	https://doi.org/10.18280/isi.260509	Fitriati, A., Anggoro, S., Harmianto, S., Tubastuvi. N. (2021). Kindfull-digital character book effectiveness: A user satisfaction approach. Ingénierie des Systèmes d'Information, Vol. 26, No. 5, pp. 491-500. https://doi.org/10.18280/isi.260509

20	Singh, A.K., Kumar, S., Bhushan, S., Kumar, P., Vashishtha, A.	A Proportional Sentiment Analysis of MOOCs Course Reviews Using Supervised Learning Algorithms	sentiment analysis, MOOC, Naive Bayes, SVM, logistic regression, multilayer perceptron	26, 5, 501-506	https://doi.org/10.18280/isi.260510	Singh, A.K., Kumar, S., Bhushan, S., Kumar, P., Vashishtha, A. (2021). A proportional sentiment analysis of MOOCs course reviews using supervised learning algorithms. Ingénierie des Systè mes d'Information, Vol. 26, No. 5, pp. 501-506. https://doi.org/10.18280/isi.260510
21	Tridalestari, F.A., Prasetyo, H.N., Wikusna, W.	How to Use Design Thinking on Trash Bank Process Modeling?	nformation system, design thinking, trash bank, requirements analysis, qualitative method	26, 5, 507-513	https://doi.org/10.18280/isi.260511	Tridalestari, F.A., Prasetyo, H.N., Wikusna, W. (2021). How to use design thinking on trash bank process modeling? Ingénierie des Syst èmes d'Information, Vol. 26, No. 5, pp. 507-513. https://doi.org/10.18280/isi.260511
22	El-Tayeb, M., Taha, A., Taha, Z.	Streamed Video Reconstruction for Firefox Browser Forensics	digital forensics, browser cache, social media (SM), video stream, data fragments, YouTube, twitter, Firefox	26, 4, 337-344	https://doi.org/10.18280/isi.260401	El-Tayeb, M., Taha, A., Taha, Z. (2021). Streamed video reconstruction for Firefox browser forensics. Ingénierie des Systè mes d'Information, Vol. 26, No. 4, pp. 337-344. https://doi.org/10.18280/isi.260401
23	Ambildhuke, G.M., Banik, B.G.	Transfer Learning Approach - An Efficient Method to Predict Rainfall Based on Ground-Based Cloud Images	rainfall prediction, ground-based cloud images, image classification, deep neural network, convolution neural network, transfer learning	26, 4, 345-356	https://doi.org/10.18280/isi.260402	Ambildhuke, G.M., Banik, B.G. (2021). Transfer learning approach - An efficient method to predict rainfall based on ground-based cloud images. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 345-356. https://doi.org/10.18280/isi.260402
24	Sama, H.R., Vemuri, V.K., Boppana, V.S.N.H.P.	Optimal Control Policy for a Two-Phase M/M/1 Unreliable Gated Queue under N-Policy with a Fuzzy Environment	N-policy, two-phase, unreliable server, Zadeh's extension principle, trapezoidal fuzzy number, nonlinear programming problem	26, 4, 357-364	https://doi.org/10.18280/isi.260403	Sama, H.R., Vemuri, V.K., Boppana, V.S.N.H.P. (2021). Optimal control policy for a two-phase M/M/1 unreliable gated queue under N-policy with a fuzzy environment. Ingénierie des Systèmes d' Information, Vol. 26, No. 4, pp. 357-364. https://doi.org/10.18280/isi.260403
25	Hisham, A., Ahmed, A., Khaled, M., Abdullatif, N., Kassem, S.	Modelling of Crime Record Management System Using Unified Modeling Language	UML, crime record management system	26, 4, 365-373	https://doi.org/10.18280/isi.260404	Hisham, A., Ahmed, A., Khaled, M., Abdullatif, N., Kassem, S. (2021). Modelling of crime record management system using unified modeling language. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 365-373. https://doi.org/10.18280/isi.260404
26	Khentout, C., Harbouche, K., Djoudi, M.	Learner to Learner Fuzzy Profiles Similarity Using a Hybrid Interaction Analysis Grid	BALES' IPA, clustering, fuzzy logic, hybrid grid, multi variate time series, PLETY grid, principal component analysis, similarity measure	26, 4, 375-386	https://doi.org/10.18280/isi.260405	Khentout, C., Harbouche, K., Djoudi, M. (2021). Learner to learner fuzzy profiles similarity using a hybrid interaction analysis grid. Ing énierie des Systèmes d'Information, Vol. 26, No. 4, pp. 375-386. https://doi.org/10.18280/isi.260405
27	Angel, M.C.M., Humberto, D.B., Alfredo, T.M.	Optimization of Vehicle Flow Times in a Single Crossing System Through the Development of a Multi-Agent Platform	mobility issues, intelligent traffic control, NetLogo, multi-agent systems, monte Carlo method	26, 4, 387-392	https://doi.org/10.18280/isi.260406	Angel, M.C.M., Humberto, D.B., Alfredo, T.M. (2021). Optimization of vehicle flow times in a single crossing system through the development of a multi-agent platform. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 387-392. https://doi.org/10.18280/isi.260406
28	Rao, K.R., Naganjaneyulu, S.	Permissioned Healthcare Blockchain System for Securing the EHRs with Privacy Preservation	EHRs, blockchain network, data privacy and security	26, 4, 393-402	https://doi.org/10.18280/isi.260407	Rao, K.R., Naganjaneyulu, S. (2021). Permissioned healthcare blockchain system for securing the EHRs with privacy preservation. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 393-402. https://doi.org/10.18280/isi.260407
29	Gherbi, C.	Internet of Things and Heterogeneous Networks Technologies: Concepts, Challenges and Perspectives	IoT, HSN, RFID, NFC, BLE, wireless communications	26, 4, 403-408	https://doi.org/10.18280/isi.260408	Gherbi, C. (2021). Internet of things and heterogeneous networks technologies: Concepts, challenges and perspectives. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 403-408. https://doi.org/10.18280/isi.260408
30	Arlinwibowo, J., Retnawati, H., Kartowagiran, B.	Item Response Theory Utilization for Developing the Student Collaboration Ability Assessment Scale in STEM Classes	collaboration ability, assessment scale, student, item response theory, STEM classes	26, 4, 409-415	https://doi.org/10.18280/isi.260409	Arlinwibowo, J., Retnawati, H., Kartowagiran, B. (2021). Item response theory utilization for developing the student collaboration ability assessment scale in STEM classes. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 409-415. https://doi.org/10.18280/isi.260409
31	Kumar, I., Mishra, M.K., Mishra, R.K.	Performance Analysis of NOMA Downlink for Next- Generation 5G Network with Statistical Channel State Information	non-orthogonal multiple access (NOMA), channel state information (CSI), outage probability, Rayleigh fading channel	26, 4, 417-423	https://doi.org/10.18280/isi.260410	Kumar, I., Mishra, M.K., Mishra, R.K. (2021). Performance analysis of NOMA downlink for next- generation 5G network with statistical channel state information. Ingénierie des Systèmes d' Information, Vol. 26, No. 4, pp. 417-423. https://doi.org/10.18280/isi.260410
32	Sille, R., Choudhury, T., Chauhan, P., Sharma, D.	A Systematic Approach for Deep Learning Based Brain Tumor Segmentation	deep neural networks, segmentation algorithm, transfer learning algorithm, brain tumor, deep capsule network	26, 3, 245-254	https://doi.org/10.18280/isi.260301	Sille, R., Choudhury, T., Chauhan, P., Sharma, D. (2021). A systematic approach for deep learning based brain tumor segmentation. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 245-254. https://doi.org/10.18280/isi.260301
33	A'bas, N.N., Rahim, S.S., Dolhalit, M.L., Saifudin, W.S.N., Abdullasim, N., Parumo, S., Omar, R.N.R., Khair, S.Z.M., Kalaichelvam, K., Izhar, S.I.N.	Web Usability Testing on Diabetic Retinopathy Consultation System	consultation, diabetic retinopathy, eye screening, web development, image editing, image processing, usability	26, 3, 255-264	https://doi.org/10.18280/isi.260302	A'bas, N.N., Rahim, S.S., Dolhalit, M.L., Saifudin, W.S.N., Abdullasim, N., Parumo, S., Omar, R.N.R., Khair, S.Z.M., Kalaichelvam, K., Izhar, S.I.N. (2021). Web usability testing on diabetic retinopathy consultation system. Ingénierie des Systèmes d' Information, Vol. 26, No. 3, pp. 255-264. https://doi.org/10.18280/isi.260302
34	Anam, K., Asyhar, B., Saddhono, K., Setyawan, B.W.	E-SIP: Website-Based Scheduling Information System to Increase the Effectivity of Lecturer's Performance and Learning Process	scheduling information system, elektronik sistem informasi penjadwalan (E-SIP), website-based scheduling, effectivity of lecturers' performance, effectivity of learning process	26, 3, 265-273	https://doi.org/10.18280/isi.260303	Anam, K., Asyhar, B., Saddhono, K., Setyawan, B.W. (2021). E-SIP: Website-based scheduling information system to increase the effectivity of lecturer's performance and learning process. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 265-273. https://doi.org/10.18280/isi.260303
35	Shivaprasad, S., Sadanandam, M.	Optimized Features Extraction from Spectral and Temporal Features for Identifying the Telugu Dialects by Using GMM and HMM	MFCC, ZCR, PCA, telugu language, Telangana, Costa Andhra, Rayalaseema, optimal features	26, 3, 275-283	https://doi.org/10.18280/isi.260304	Shivaprasad, S., Sadanandam, M. (2021). Optimized features extraction from spectral and temporal features for identifying the Telugu dialects by using GMM and HMM. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 275-283. https://doi.org/10.18280/isi.260304
36	Devarakonda, N., Kavitha, D., Kamarajugadda, R.	Escape the Traffic Congestion Using Brainstorming Optimization Algorithm and Density Peak Clustering	brainstorming optimization algorithm (BSO), density peak clustering (DPC), TF-IDF, Twitter API, density peaks	26, 3, 285-293	https://doi.org/10.18280/isi.260305	Devarakonda, N., Kavitha, D., Kamarajugadda, R. (2021). Escape the traffic congestion using brainstorming optimization algorithm and density peak clustering. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 285-293. https://doi.org/10.18280/isi.260305
37	Touahria, I.E., Khababa, A.	A Component Based Framework to Enable Medical Devices Communication	medical device, integrated clinical environment, software, component based system, safety, heterogeneity	26, 3, 295-302	https://doi.org/10.18280/isi.260306	Touahria, I.E., Khababa, A. (2021). A component based framework to enable medical devices communication. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 295-302. https://doi.org/10.18280/isi.260306
38	Khedkar, S.P., Ramalingam, A.C.	Classification and Analysis of Malicious Traffic with Multi-layer Perceptron Model	traffic classification, machine learning, deep learning, multilayer perceptron	26, 3, 303-310	https://doi.org/10.18280/isi.260307	Khedkar, S.P., Ramalingam, A.C. (2021). Classification and analysis of malicious traffic with multi-layer perceptron model. Ingé nierie des Systèmes d'Information, Vol. 26, No. 3, pp. 303-310. https://doi.org/10.18280/isi.260307

39	Yechuri, P.K., Ramadass, S.	Semantic Web Mining for Analyzing Retail Environment Using Word2Vec and CNN-FK	big data, semantic web, data management, sustainable retail environment, information systems, artificial neural network	26, 3, 311-318	https://doi.org/10.18280/isi.260308	Yechuri, P.K., Ramadass, S. (2021). Semantic web mining for analyzing retail environment using Word2Vec and CNN-FK. Ingé nierie des Systèmes d'Information, Vol. 26, No. 3, pp. 311-318. https://doi.org/10.18280/isi.260308
40	Raman, J.A., Varadharajan, V.	HoneyNetCloud Investigation Model, A Preventive Process Model for IoT Forensics	network forensics, honeypots, IoT attacks, preventive model, forensics process model, HoneyNetCloud	26, 3, 319-327	https://doi.org/10.18280/isi.260309	Raman, J.A., Varadharajan, V. (2021). HoneyNetCloud investigation model, a preventive process model for IoT forensics. Ingénierie des Systèmes d'Information, Vol. 26, No. 3, pp. 319-327. https://doi.org/10.18280/isi.260309
41	Rao, K.S., Sridhar, M.	A Tabu Search Algorithm for General Threshold Visual Cryptography Schemes	visual cryptography schemes (VCSs), visual secret sharing (VSS), pixels, images; shadows, contrast, probabilistic VSS (ProbVSS), tabu search (TS)	26, 3, 329-335	https://doi.org/10.18280/isi.260310	Rao, K.S., Sridhar, M. (2021). A tabu search algorithm for general threshold visual cryptography schemes. Ingénierie des Systèmes d' Information, Vol. 26, No. 3, pp. 329-335. https://doi.org/10.18280/isi.260310
42	Bouziane, A., Bouchiha, D., Rebhi, R., Lorenzini, G., Doumi, N., Menni, Y., Ahmad, H.	ARALD: Arabic Annotation Using Linked Data	semantic web, linked data, linked open data, Arabic language, NLP techniques, machine learning, SPARQL, RDF, text annotation	26, 2, 143-149	https://doi.org/10.18280/isi.260201	Bouziane, A., Bouchiha, D., Rebhi, R., Lorenzini, G., Doumi, N., Menni, Y., Ahmad, H. (2021). ARALD: Arabic annotation using linked data. Ingénierie des Systèmes d'Information, Vol. 26, No. 2, pp. 143-149. https://doi.org/10.18280/isi.260201
43	Najafabadi, M.K., Mohamed, A., Nair, M.A.B., Tabibian, S.M.	An Effective Collaborative User Model Using Hybrid Clustering Recommendation Methods	recommendation system, fuzzy clustering, collaborative filtering, sparsity	26, 2, 151-158	https://doi.org/10.18280/isi.260202	Najafabadi, M.K., Mohamed, A., Nair, M.A.B., Tabibian, S.M. (2021). An effective collaborative user model using hybrid clustering recommendation methods. Ingénierie des Systèmes d' Information, Vol. 26, No. 2, pp. 151-158. https://doi.org/10.18280/isi.260202
44	Meshram, V.A., Patil, K., Ramteke, S.D.	MNet: A Framework to Reduce Fruit Image Misclassification	CNN, computer vision, deep learning, fruit classification, machine learning	26, 2, 159-170	https://doi.org/10.18280/isi.260203	Meshram, V.A., Patil, K., Ramteke, S.D. (2021). MNet: A framework to reduce fruit image misclassification. Ingénierie des Systèmes d'Information, Vol. 26, No. 2, pp. 159-170. https://doi.org/10.18280/isi.260203
45	Hosseiny, S.M., Rahmani, A.I., Derakhshan, M., Fatahizadeh, R.	An Intrusion Detection System: Using a Grasshopper Algorithm	denial of service attacks, grasshopper optimization algorithm, Nearest Neighbor Classifier	26, 2, 171-177	https://doi.org/10.18280/isi.260204	Hosseiny, S.M., Rahmani, A.I., Derakhshan, M., Fatahizadeh, R. (2021). An intrusion detection system: Using a grasshopper algorithm. Ingénierie des Systèmes d'Information, Vol. 26, No. 2, pp. 171-177. https://doi.org/10.18280/isi.260204
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91	Singh, R.K., Singh, P., Bathla, G.	User-review oriented social recommender system for event planning	sentiment analysis, recommender systems, social network, social contextual information, wedding planner	25, 5, 669-675	https://doi.org/10.18280/isi.250514	Singh, R.K., Singh, P., Bathla, G. (2020). User-review oriented social recommender system for event planning. Ingénierie des Systè mes d'Information, Vol. 25, No. 5, pp. 669-675. https://doi.org/10.18280/isi.250514
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93	Bulla, S., Reddy, C.V.R., Padmavathi, P., Padmasri, T.	Analytical evaluation of resource estimation in web application services	cloud computing, web application, queuing model, AWS	25, 5, 683-690	https://doi.org/10.18280/isi.250516	Bulla, S., Reddy, C.V.R., Padmavathi, P., Padmasri, T. (2020). Analytical evaluation of resource estimation in web application services. Ingénierie des Systèmes d'Information, Vol. 25, No. 5, pp. 683-690. https://doi.org/10.18280/isi.250516
94	Padmanabula, S.S., Puvvada, R.C., Sistla, V., Kolli, V.K.K.	Object detection using stacked YOLOv3	object detection, YOLOv3, deep neural network, Non-maxima Suppression, class probabilities, unified architecture, transfer learning	25, 5, 691-697	https://doi.org/10.18280/isi.250517	Padmanabula, S.S., Puvvada, R.C., Sistla, V., Kolli, V.K.K. (2020). Object detection using stacked YOLOv3. Ingénierie des Systèmes d 'Information, Vol. 25, No. 5, pp. 691-697. https://doi.org/10.18280/isi.250517
95	Shen, X.G.	Design and application of a virtual simulation teaching system based on cloud service	virtual simulation (VS), cloud service (CS), VS teaching system, simulation system design	25, 5, 699-707	https://doi.org/10.18280/isi.250518	Shen, X.G. (2020). Design and application of a virtual simulation teaching system based on cloud service. Ingénierie des Systèmes d' Information, Vol. 25, No. 5, pp. 699-707. https://doi.org/10.18280/isi.250518

96	Restrepo, A.O., Parra, O.J.S., Cañón, N.D.M.	AR support system for therapy in 3 to 8-year-old children with altered fine motor skills	augmented reality, fine motor skills, motion controller, neurodevelopment, unity engine	25, 4, 405-411	https://doi.org/10.18280/isi.250401	Restrepo, A.O., Parra, O.J.S., Cañón, N.D.M. (2020). AR support system for therapy in 3 to 8-year-old children with altered fine motor skills. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 405-411. https://doi.org/10.18280/isi.250401
97	Yildirim, M., Cinar, A.	Classification of Alzheimer's disease MRI images with CNN based hybrid method	Alzheimer, deep learning, image processing, machine learning, CNN architectures	25, 4, 413-418	https://doi.org/10.18280/isi.250402	Yildirim, M., Cinar, A. (2020). Classification of Alzheimer's disease MRI images with CNN based hybrid method. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 413-418. https://doi.org/10.18280/isi.250402
98	Xu, Z.H.	Construction and optimization of talent training quality based on data mining	random forest (RF), data mining, talent training quality (TTQ), data reconstruction	25, 4, 419-425	https://doi.org/10.18280/isi.250403	Xu, Z.H. (2020). Construction and optimization of talent training quality based on data mining. Ingénierie des Systèmes d' Information, Vol. 25, No. 4, pp. 419-425. https://doi.org/10.18280/isi.250403
99	Pirmard, S.S., Forghani, Y.	Improving the speed of support vector regression using regularized least square regression	ε-insensitive support vector regression (ε-SVR), regularized least square (RLS), runtime, function estimation	25, 4, 427-435	https://doi.org/10.18280/isi.250404	Pirmard, S.S., Forghani, Y. (2020). Improving the speed of support vector regression using regularized least square regression. Ingé nierie des Systèmes d'Information, Vol. 25, No. 4, pp. 427-435. https://doi.org/10.18280/isi.250404
100	Rehman, H.U., Anwar, S., Tufail, M.	Machine vision based plant disease classification through leaf imagining	machine learning, multi-class SVM, machine vision	25, 4, 437-444	https://doi.org/10.18280/isi.250405	Rehman, H.U., Anwar, S., Tufail, M. (2020). Machine vision based plant disease classification through leaf imagining. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 437-444. https://doi.org/10.18280/isi.250405
101	Zhu, Y.B.	Color management of digital media art images based on image processing	digital media art (DMA) images, color correction, color reconstruction, image quality evaluation	25, 4, 445-452	https://doi.org/10.18280/isi.250406	Zhu, Y.B. (2020). Color management of digital media art images based on image processing. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 445-452. https://doi.org/10.18280/isi.250406
102	Yadav, M., Ranvijay.	Cheating prevention and detection technique in visual secret sharing	collusion attack, cheating prevention, hamming code, visual secret sharing	25, 4, 453-460	https://doi.org/10.18280/isi.250407	Yadav, M., Ranvijay. (2020). Cheating prevention and detection technique in visual secret sharing. Ingénierie des Systèmes d' Information, Vol. 25, No. 4, pp. 453-460. https://doi.org/10.18280/isi.250407
103	Peng, Z.M.	An operation and maintenance strategy of intelligent building information model data based on cloud computing	intelligent building information model (IBIM), cloud computing, the industry foundation classes (IFC), MapReduce environment	25, 4, 461-467	https://doi.org/10.18280/isi.250408	Peng, Z.M. (2020). An operation and maintenance strategy of intelligent building information model data based on cloud computing. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 461-467. https://doi.org/10.18280/isi.250408
104	Smiti, A., Nssibi, M.	Case based reasoning framework for COVID-19 diagnosis	machine learning, case based reasoning, clustering, classification, COVID-19 pandemic, diagnosis, prediction	25, 4, 469-474	https://doi.org/10.18280/isi.250409	Smiti, A., Nssibi, M. (2020). Case based reasoning framework for COVID-19 diagnosis. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 469-474. https://doi.org/10.18280/isi.250409
105	Ibnugraha, P.D., Nugroho, L.E., Santosa, P.I.	Reliability analysis of risk model metrics based on business approach in information security	reliability analysis, Cronbach's alpha, risk model, information security, business approach	25, 4, 475-480	https://doi.org/10.18280/isi.250410	Ibnugraha, P.D., Nugroho, L.E., Santosa, P.I. (2020). Reliability analysis of risk model metrics based on business approach in information security. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 475-480. https://doi.org/10.18280/isi.250410
106	Ou, L.Y., Chen, L.	Predicting risk propagation of corporate Internet reporting based on fuzzy neural network	corporate internet reporting (CIR), risk propagation, fuzzy neural network (FNN), evaluation index system (EIS)	25, 4, 481-488	https://doi.org/10.18280/isi.250411	Ou, L.Y., Chen, L. (2020). Predicting risk propagation of corporate Internet reporting based on fuzzy neural network. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 481-488. https://doi.org/10.18280/isi.250411
107	Sajja, V.R., Kalluri, H.K.	Classification of brain tumors using convolutional neural network over various SVM methods	magnetic resonance imaging (MRI), brain tumor, convolutional neural network (CNN), convolution layer, max pooling	25, 4, 489-495	https://doi.org/10.18280/isi.250412	Sajja, V.R., Kalluri, H.K. (2020). Classification of brain tumors using convolutional neural network over various SVM methods. Ing énierie des Systèmes d'Information, Vol. 25, No. 4, pp. 489-495. https://doi.org/10.18280/isi.250412
108	Liang, Y., Chen, N.	A novel tourist attraction recommendation system based on improved visual bayesian personalized ranking	recommendation system, Bayesian personalized ranking (BPR), stratified sampling, tourist attractions	25, 4, 497-503	https://doi.org/10.18280/isi.250413	Liang, Y., Chen, N. (2020). A novel tourist attraction recommendation system based on improved visual bayesian personalized ranking. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 497-503. https://doi.org/10.18280/isi.250413
109	Somisetti, V.S.S., Palla, S.H.	Efficient clustering of water distribution network using affinity propagation	water distribution network, affinity-propagation, exemplars, node properties, edge properties	25, 4, 505-513	https://doi.org/10.18280/isi.250414	Somisetti, V.S.S., Palla, S.H. (2020). Efficient clustering of water distribution network using affinity propagation. Ingénierie des Systè mes d'Information, Vol. 25, No. 4, pp. 505-513. https://doi.org/10.18280/isi.250414
110	Narayana, V.L., Gopi, A.P., Radhika, P., Sandeep, K.S.	Secure data uploading and accessing sensitive data using time level locked encryption to provide an efficient cloud framework	cloud computing, data security, data uploading, data accessing, data encryption, cloud user, cloud service provider	25, 4, 515-519	https://doi.org/10.18280/isi.250415	Narayana, V.L., Gopi, A.P., Radhika, P., Sandeep, K.S. (2020). Secure data uploading and accessing sensitive data using time level locked encryption to provide an efficient cloud framework. Ingé nierie des Systèmes d'Information, Vol. 25, No. 4, pp. 515-519. https://doi.org/10.18280/isi.250415
111	Cao, Z.Q.	Classification of digital teaching resources based on data mining	data mining, k-nearest neighbor (KNN) algorithm, term frequency-inverse document frequency (TF-IDF) algorithm, digital teaching resources, density cutting	25, 4, 521-526	https://doi.org/10.18280/isi.250416	Cao, Z.Q. (2020). Classification of digital teaching resources based on data mining. Ingénierie des Systèmes d'Information, Vol. 25, No. 4, pp. 521-526. https://doi.org/10.18280/isi.250416
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113	Sun, Y., Chai, R.Q.	An early-warning model for online learners based on user portrait	user portrait, data mining, online learning, association rules, early-warning of learning situation	25, 4, 535-541	https://doi.org/10.18280/isi.250418	Sun, Y., Chai, R.Q. (2020). An early-warning model for online learners based on user portrait. Ingénierie des Systèmes d' Information, Vol. 25, No. 4, pp. 535-541. https://doi.org/10.18280/isi.250418
114	Yang, S.Y., Tan, C.	Detection of conflicts between resource authorization rules in extensible access control markup language based on dynamic description logic	dynamic description logic (DDL), extensible access control markup language (XACML), access control rule (ACR), rule conflict detection	25, 3, 285-294	https://doi.org/10.18280/isi.250301	Yang, S.Y., Tan, C. (2020). Detection of conflicts between resource authorization rules in extensible access control markup language based on dynamic description logic. Ingénierie des Systè mes d'Information, Vol. 25, No. 3, pp. 285-294. https://doi.org/10.18280/isi.250301

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116	Djawad, Y.A., Rehman, H., Jumadi, O., Tufail, M., Anwar, S., Bourgougnon, N.	Discrimination of nitrogen concentration of fertilized corn with extracted algae and polymer based on its leaf color images	nitrogen level, colour intensity, image processing	25, 3, 303-309	https://doi.org/10.18280/isi.250303	Djawad, Y.A., Rehman, H., Jumadi, O., Tufail, M., Anwar, S., Bourgougnon, N. (2020). Discrimination of nitrogen concentration of fertilized corn with extracted algae and polymer based on its leaf color images. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 303-309. https://doi.org/10.18280/isi.250303
117	Zhang, R.X.	Design and application of a prediction model for user purchase intention based on big data analysis	big data analysis, purchase intentions, purchase behaviors, deep convolutional neural network (D-CNN)	25, 3, 311-317	https://doi.org/10.18280/isi.250304	Zhang, R.X. (2020). Design and application of a prediction model for user purchase intention based on big data analysis. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 311-317. https://doi.org/10.18280/isi.250304
118	Ksantini, M., Kadri, N., Ellouze, A., Turki, S.H.	Artificial intelligence prediction algorithms for future evolution of COVID-19 cases	artificial intelligence, machine learning, deep learning, COVID-19, belief functions, pandemic, home isolation, Dempster-Shafer theory	25, 3, 319-325	https://doi.org/10.18280/isi.250305	Ksantini, M., Kadri, N., Ellouze, A., Turki, S.H. (2020). Artificial intelligence prediction algorithms for future evolution of COVID-19 cases. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 319-325. https://doi.org/10.18280/isi.250305
119	Doni, A.R., Sasipraba, T.	LSTM-RNN based approach for prediction of dengue cases in India	deep learning, epidemic, LSTM, dengue, infuenza, weather, geographical location, CNN	25, 3, 327-335	https://doi.org/10.18280/isi.250306	Doni, A.R., Sasipraba, T. (2020). LSTM-RNN based approach for prediction of dengue cases in India. Ingénierie des Systèmes d' Information, Vol. 25, No. 3, pp. 327-335. https://doi.org/10.18280/isi.250306
120	Dai, F.W.	A data management strategy for property management information system based on the internet of things	internet of things (IoT), property management, small data management, clustering analysis	25, 3, 337-343	https://doi.org/10.18280/isi.250307	Dai, F.W. (2020). A data management strategy for property management information system based on the internet of things. Ing énierie des Systèmes d'Information, Vol. 25, No. 3, pp. 337-343. https://doi.org/10.18280/isi.250307
121	Metwaly, S.S., Abd El-Haleem, A.M., El-Ghandour, O.	NOMA based matching game algorithm for narrowband internet of things (NB-IoT) system	NB-IoT, NOMA, matching game, LTE, URLLC, mMTC	25, 3, 345-350	https://doi.org/10.18280/isi.250308	Metwaly, S.S., Abd El-Haleem, A.M., El-Ghandour, O. (2020). NOMA based matching game algorithm for narrowband internet of things (NB-IoT) system. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 345-350. https://doi.org/10.18280/isi.250308
122	Chigozirim, A., Vivian, N.O., Uchenna, N.J., Oreoluwa, A.A.	A patient monitoring system using internet of things technology	microcontroller, patient monitoring, internet of things, interfacing, internet	25, 3, 351-357	https://doi.org/10.18280/isi.250309	Chigozirim, A., Vivian, N.O., Uchenna, N.J., Oreoluwa, A.A. (2020). A patient monitoring system using internet of things technology. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 351-357. https://doi.org/10.18280/isi.250309
123	Liu, Y., Yang, H., Sun, G.X., Bin, S.	Collaborative filtering recommendation algorithm based on multi-relationship social network	collaborative filtering recommendation algorithm, complex network, matrix decomposition, data sparsity, social network	25, 3, 359-364	https://doi.org/10.18280/isi.250310	Liu, Y., Yang, H., Sun, G.X., Bin, S. (2020). Collaborative filtering recommendation algorithm based on multi-relationship social network. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 359-364. https://doi.org/10.18280/isi.250310
124	Faruq, A., Arsa, H.P., Hussein, S.F.M., Razali, C.M.C., Marto, A., Abdullah, S.S.	Deep learning-based forecast and warning of floods in Klang river, Malaysia	flood forecasting, early warning system, deep learning, machine learning	25, 3, 365-370	https://doi.org/10.18280/isi.250311	Faruq, A., Arsa, H.P., Hussein, S.F.M., Razali, C.M.C., Marto, A., Abdullah, S.S. (2020). Deep learning-based forecast and warning of floods in Klang river, Malaysia. Ingénierie des Systèmes d' Information, Vol. 25, No. 3, pp. 365-370. https://doi.org/10.18280/isi.250311
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126	Chen, F., Cheng, R., Zhu, Y.Y., Miao, S.W., Zhou, L.	An intrusion detection method for enterprise network based on backpropagation neural network	Backpropagation neural network, intrusion detection system (IDS), network security, enterprise network	25, 3, 377-382	https://doi.org/10.18280/isi.250313	Chen, F., Cheng, R., Zhu, Y.Y., Miao, S.W., Zhou, L. (2020). An intrusion detection method for enterprise network based on backpropagation neural network. Ingénierie des Systèmes d' Information, Vol. 25, No. 3, pp. 377-382. https://doi.org/10.18280/isi.250313
127	Utomo, M.N.Y., Sudaryanto, M., Saddhono, K.	Tools and strategy for distance learning to respond COVID-19 pandemic in Indonesia	distance learning, online learning, pandemic, COVID-19, distance learning tools	25, 3, 383-390	https://doi.org/10.18280/isi.250314	Utomo, M.N.Y., Sudaryanto, M., Saddhono, K. (2020). Tools and strategy for distance learning to respond COVID-19 pandemic in Indonesia. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 383-390. https://doi.org/10.18280/isi.250314
128	Veeranjaneyulu, N., Bodapati, J.D., Buradagunta, S.	Classifying limited resource data using semi-supervised SVM	supervised learning, Laplacian SVM, semi-supervised learning, SVM-light, S3VM	25, 3, 391-395	https://doi.org/10.18280/isi.250315	Veeranjaneyulu, N., Bodapati, J.D., Buradagunta, S. (2020). Classifying limited resource data using semi-supervised SVM. Ingé nierie des Systèmes d'Information, Vol. 25, No. 3, pp. 391-395. https://doi.org/10.18280/isi.250315
129	Liang, H.Q.	A precision advertising strategy based on deep reinforcement learning	deep reinforcement learning (DRL), precision advertising, Q-learning, feature extraction	25, 3, 397-403	https://doi.org/10.18280/isi.250316	Liang, H.Q. (2020). A precision advertising strategy based on deep reinforcement learning. Ingénierie des Systèmes d'Information, Vol. 25, No. 3, pp. 397-403. https://doi.org/10.18280/isi.250316
130	Chabbi, S., Boudour, R., Semchedine, F.	A secure cloud password and secure authentication protocol for electronic NFC payment between ATM and smartphone	authentication, confidentiality, hash function, NFC, automated teller machine, smartphone payment, secure element	25, 2, 139-152	https://doi.org/10.18280/isi.250201	Chabbi, S., Boudour, R., Semchedine, F. (2020). A secure cloud password and secure authentication protocol for electronic NFC payment between ATM and smartphone. Ingénierie des Systèmes d' Information, Vol. 25, No. 2, pp. 139-152. https://doi.org/10.18280/isi.250201
131	Geng, J., Yan, L., Liu, Y.C.	A novel log-based tensor completion algorithm	tensor completion, log function of tensor, image inpainting, tensor decomposition	25, 2, 153-163	https://doi.org/10.18280/isi.250202	Geng, J., Yan, L., Liu, Y.C. (2020). A novel log-based tensor completion algorithm. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 153-163. https://doi.org/10.18280/isi.250202
132	Heni, B.	COVID-19, Bacille Calmette-Guérin (BCG) and tuberculosis: Cases and recovery previsions with deep learning sequence prediction	COVID-19, deep learning, RNN, GRU, LSTM, BCG, tuberculosis	25, 2, 165-172	https://doi.org/10.18280/isi.250203	Heni, B. (2020). COVID-19, Bacille Calmette-Guérin (BCG) and tuberculosis: Cases and recovery previsions with deep learning sequence prediction. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 165-172. https://doi.org/10.18280/isi.250203
133	Hussain, M.A., Duraisamy, B.	Preventing malicious packet drops in MANETs by counter based authenticated acknowledgement	MANET, acknowledgment, packet drop, resource, mitigation and key agreement	25, 2, 173-181	https://doi.org/10.18280/isi.250204	Hussain, M.A., Duraisamy, B. (2020). Preventing malicious packet drops in MANETs by counter based authenticated acknowledgement. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 173-181. https://doi.org/10.18280/isi.250204

134	Yang, Z.H.	Analysis of the impacts of open residential communities on road traffic based on AHP and fuzzy theory	open residential community, AHP, fuzzy comprehensive evaluation, VISSIM traffic simulation	25, 2, 183-190	https://doi.org/10.18280/isi.250205	Yang, Z.H. (2020). Analysis of the impacts of open residential communities on road traffic based on AHP and fuzzy theory. Ingé nierie des Systèmes d'Information, Vol. 25, No. 2, pp. 183-190. https://doi.org/10.18280/isi.250205
135	Saddhono, K., Setyawan, B.W., Raharjo, Y.M., Devilito, R.	The diagnosis of online game addiction on Indonesian adolescent using certainty factor method	game online addiction, Indonesian adolescent, certainty factor method, expert system	25, 2, 191-197	https://doi.org/10.18280/isi.250206	Saddhono, K., Setyawan, B.W., Raharjo, Y.M., Devilito, R. (2020). The diagnosis of online game addiction on Indonesian adolescent using certainty factor method. Ingénierie des Systèmes d 'Information, Vol. 25, No. 2, pp. 191-197. https://doi.org/10.18280/isi.250206
136	Subramanian, B., Yesudhas, H.R., Enoch, G.J.	Channel-based encrypted binary arithmetic coding in wireless sensor networks	crypto signature, hash function, code conversion, efficiency	25, 2, 199-206	https://doi.org/10.18280/isi.250207	Subramanian, B., Yesudhas, H.R., Enoch, G.J. (2020). Channel-based encrypted binary arithmetic coding in wireless sensor networks. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 199-206. https://doi.org/10.18280/isi.250207
137	Luo, H.N.	An emergency management system for government data security based on artificial intelligence	government data resilience chain (GDRC), emergency management, multi-agent formation, fault tolerance	25, 2, 207-213	https://doi.org/10.18280/isi.250208	Luo, H.N. (2020). An emergency management system for government data security based on artificial intelligence. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 207-213. https://doi.org/10.18280/isi.250208
138	Hadi, F., Aliouat, Z., Hammoudi, S.	Efficient platform as a service (PaaS) model on public cloud for CBIR system	clouds, CBIR, computer network reliability, decision trees, DICOM, wireless communication	25, 2, 215-225	https://doi.org/10.18280/isi.250209	Hadi, F., Aliouat, Z., Hammoudi, S. (2020). Efficient platform as a service (PaaS) model on public cloud for CBIR system. Ingénierie des Systèmes d'Information, Vol. 25, No. 2, pp. 215-225. https://doi.org/10.18280/isi.250209
139	Guttikonda, P., Mundukur, N.B.	Secret sharing with reduced share size and data integrity	audio shares, integrity mechanism, Lagrange's interpolation, polynomial, secret sharing, steganography	25, 2, 227-237	https://doi.org/10.18280/isi.250210	Guttikonda, P., Mundukur, N.B. (2020). Secret sharing with reduced share size and data integrity. Ingénierie des Systèmes d' Information Vol. 25, No. 2, pp. 227-237. https://doi.org/10.18280/isi.250210
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146	Mourad, A., Latifa, M.	A generic modeling approach for E-administration based on holonic systems - case study of collective move due to a natural disaster	E-administration, E-administrative service, holonic multi agents system (HMAS), Holon, Holonisation, Interoperability, integrated services, holonic architecture	25, 1, 1-10	https://doi.org/10.18280/isi.250101	Mourad, A., Latifa, M. (2020). A generic modeling approach for E-administration based on holonic systems - case study of collective move due to a natural disaster. Ingénierie des Systèmes d' Information, Vol. 25, No. 1, pp. 1-10. https://doi.org/10.18280/isi.250101
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151	Bouldjadj, S., Aliouat, Z.	High throughput and thermal aware routing protocol (HTTRP) for wireless body area networks	energy-aware, routing protocols, thermal-aware, throughput, wireless body area networks	25, 1, 41-48	https://doi.org/10.18280/isi.250106	Bouldjadj, S., Aliouat, Z. (2020). High throughput and thermal aware routing protocol (HTTRP) for wireless body area networks. Ingénierie des Systèmes d'Information, Vol. 25, No. 1, pp. 41-48. https://doi.org/10.18280/isi.250106
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154	Widyaningrum, H.K., Hasanudin, C., Fitrianingsih, A., Novianti, D.E., Saddhono, K., Supratmi, N.	he use of Edmodo apps in flipped classroom learning. How is the students' creative thinking ability?	flipped classroom, Edmodo apps, creative thinking ability, a course of Indonesian language and literature study	25, 1, 69-74	https://doi.org/10.18280/isi.250109	Widyaningrum, H.K., Hasanudin, C., Fitrianingsih, A., Novianti, D.E., Saddhono, K., Supratmi, N. (2020). The use of Edmodo apps in flipped classroom learning. How is the students' creative thinking ability? Ingénierie des Systèmes d'Information, Vol. 25, No. 1, pp. 69-74. https://doi.org/10.18280/isi.250109
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156	Nannapaneni, S., Sistla, V., Kolli, V.K.K.	Performance evaluation of generative adversarial networks for computer vision applications	distributed system, task scheduling, load balancing, fuzzy c-means, hungarian method	25, 1, 83-92	https://doi.org/10.18280/isi.250111	Nannapaneni, S., Sistla, V., Kolli, V.K.K. (2020). Performance evaluation of generative adversarial networks for computer vision applications. Ingénierie des Systèmes d'Information, Vol. 25, No. 1, pp. 83-92. https://doi.org/10.18280/isi.250111
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158	Santosh, T., Ramesh, D.	Machine learning approach on apache spark for credit card fraud detection	index terms – credit card fraud, spark, Hadoop, K-Means, decision tree	25, 1, 101-106	https://doi.org/10.18280/isi.250113	Santosh, T., Ramesh, D. (2020). Machine learning approach on apache spark for credit card fraud detection. Ingénierie des Systè mes d'Information, Vol. 25, No. 1, pp. 101-106. https://doi.org/10.18280/isi.250113
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171	Yadav, A., Ritika, Garg, M.L.	Monitoring based security approach for cloud computing	cloud storage server, data monitor, hybrid encryption scheme, RSA digital signature, SHA hash	24, 6, 611-617	https://doi.org/10.18280/isi.240608	Yadav, A., Ritika, Garg, M.L. (2019). Monitoring based security approach for cloud computing. Ingénierie des Systèmes d' Information, Vol. 24, No. 6, pp. 611-617. https://doi.org/10.18280/isi.240608

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187	Liu, W.	Traffic flow prediction based on local mean decomposition and big data analysis	time series, traffic data, big data technology, Local Mean Decomposition (LMD), Generalized Autoregressive Conditional Heteroskedasticity (GARCH) Model	24, 5, 547-552	https://doi.org/10.18280/isi.240513	Liu, W. (2019). Traffic flow prediction based on local mean decomposition and big data analysis. Ingénierie des Systèmes d' Information, Vol. 24, No. 5, pp. 547-552. https://doi.org/10.18280/isi.240513
188	Sikder, S., Metya, S.K., Goswami, R.S.	Exception-tolerant decision tree / rule based classifiers	classification, exception tolerant, bagging, boosting, default rule, inefficient rules	24, 5, 553-558	https://doi.org/10.18280/isi.240514	Sikder, S., Metya, S.K., Goswami, R.S. (2019). Exception-tolerant decision tree / rule based classifiers. Ingénierie des Systèmes d' Information, Vol. 24, No. 5, pp. 553-558. https://doi.org/10.18280/isi.240514
189	Shi, L.L., Liu, S.H., Petrović, S.	Cryptanalysis of a pseudorandom generator for cross-border E-commerce	Cryptanalysis, Linear Feedback Shift Registers (LFSRs), cascade, irregular clocking, constrained edit distance	24, 4, 361-365	https://doi.org/10.18280/isi.240401	Shi, L.L., Liu, S.H., Petrović, S. (2019). Cryptanalysis of a pseudorandom generator for cross-border E-commerce. Ingénierie des Systèmes d'Information, Vol. 24, No. 4, pp. 361-365. https://doi.org/10.18280/isi.240401
190	Saddhono, K., Hasanudin, C., Fitrianingsih, A.	The ability to think creatively on SSCS using schoology Apps, how is the student's language metacognitive awareness?	creative thinking, metacognitive awareness, schoology apps, Search, Solve, Create and Share (SSCS) learning	24, 4, 367-375	https://doi.org/10.18280/isi.240402	Saddhono, K., Hasanudin, C., Fitrianingsih, A. (2019). The ability to think creatively on SSCS using schoology Apps, how is the student's language metacognitive awareness? Ingénierie des Systèmes d'Information, Vol. 24, No. 4, pp. 367-375. https://doi.org/10.18280/isi.240402

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192	Bulla, S., Rao, B.B.	Performance and cost analysis of web application in elastic cloud environment	cloud computing, single class of service, Amazon AWS, e-commerce	24, 4, 385-389	https://doi.org/10.18280/isi.240404	Bulla, S., Rao, B.B. (2019). Performance and cost analysis of web application in elastic cloud environment. Ingénierie des Systèmes d' Information, Vol. 24, No. 4, pp. 385-389. https://doi.org/10.18280/isi.240404
193	Polisetty, K., Paidipati, K.K., Bodapati, J.D.	Modelling of monthly rainfall patterns in the north-west India using SVM	support vector machine (SVM), kernels, rainfall forecast, accuracy, northwest India	24, 4, 391-395	https://doi.org/10.18280/isi.240405	Polisetty, K., Paidipati, K.K., Bodapati, J.D. (2019). Modelling of monthly rainfall patterns in the north-west India using SVM. Ingé nierie des Systèmes d'Information, Vol. 24, No. 4, pp. 391-395. https://doi.org/10.18280/isi.240405
194	Zang, H.J., Huang, Y., Cao, H.B., Li, C.C.	A novel privacy protection protocol for vehicular ad hoc networks based on elliptic curve bilinear mapping	vehicular ad hoc networks (VANETs), conditional privacy protection (CPP), group signature, elliptic curve bilinear mapping	24, 4, 397-402	https://doi.org/10.18280/isi.240406	Zang, H.J., Huang, Y., Cao, H.B., Li, C.C. (2019). A novel privacy protection protocol for vehicular ad hoc networks based on elliptic curve bilinear mapping. Ingenierie des Systemes d'Information, Vol. 24, No. 4, pp. 397-402. https://doi.org/10.18280/isi.240406
195	HimaBindu, G., Anuradha, C., Chandra Murty, P.S.R.	Feature extraction techniques in associate with opposition based whale optimization algorithm	near-duplicate video (NDV) detection, digital rights management, feature extraction, optimization techniques, the opposition-based whale optimization algorithm (OWOA)	24, 4, 403-410	https://doi.org/10.18280/isi.240407	HimaBindu, G., Anuradha, C., Chandra Murty, P.S.R. (2019). Feature extraction techniques in associate with opposition based whale optimization algorithm. Ingénierie des Systèmes d' Information, Vol. 24, No. 4, pp. 403-410. https://doi.org/10.18280/isi.240407
196	Veeramalla, S.K., Talari, V.K.H.R.	Estimation of neural sources from EEG measurements using sequential monte carlo method	electroencephalography (EEG), particle filter, source localization, Metropolis-Hastings (M-H) resampling	24, 4, 411-417	https://doi.org/10.18280/isi.240408	Veeramalla, S.K., Talari, V.K.H.R. (2019). Estimation of neural sources from EEG measurements using sequential monte carlo method. Ingénierie des Systèmes d'Information, Vol. 24, No. 4, pp. 411-417. https://doi.org/10.18280/isi.240408
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199	Yu, J.	Design of a privacy-preserving algorithm for peer-to-peer network based on differential privacy	peer-to-peer network (P2P), privacy preserving, differential privacy, sensitivity, privacy budget	24, 4, 433-437	https://doi.org/10.18280/isi.240411	Yu, J. (2019). Design of a privacy-preserving algorithm for peer-to-peer network based on differential privacy. Ingénierie des Systèmes d'Information, Vol. 24, No. 4, pp. 433-437. https://doi.org/10.18280/isi.240411
200	Hocine, T., Salem, A.	Modified flower pollination algorithm constrained optimal power flow	power system, optimal power flow, global optimization, flower pollination algorithm (FPA), security constrained	24, 4, 439-444	https://doi.org/10.18280/isi.240412	Hocine, T., Salem, A. (2019). Modified flower pollination algorithm constrained optimal power flow. Ingénierie des Systèmes d'Information, Vol. 24, No. 4, pp. 439-444. https://doi.org/10.18280/isi.240412
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202	Elembaby, S.M., Ghoneim, V.F., Abdel-Wahed, M.	ANOVAG3: A hybrid algorithm for inferring gene regulatory network using time series gene expression data	gene regulatory network, GENIE3, DREAM5, one-way analysis of variance, tree-based ensemble method	24, 3, 229-232	https://doi.org/10.18280/isi.240301	Elembaby, S.M., Ghoneim, V.F., Abdel-Wahed, M. (2019). ANOVAG3: A hybrid algorithm for inferring gene regulatory network using time series gene expression data. Ingénierie des Syst èmes d'Information, Vol. 24, No. 3, pp. 229-232. https://doi.org/10.18280/isi.240301
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204	Wang, H.S., Zhu, J.Y.	A quadtree spatial index method with inclusion relations and its application in landcover database update	spatial index, landcover database, inclusion relation, quadtree, incremental update	24, 3, 241-247	https://doi.org/10.18280/isi.240303	Wang, H.S., Zhu, J.Y. (2019). A quadtree spatial index method with inclusion relations and its application in landcover database update. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 241-247. https://doi.org/10.18280/isi.240303
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211	Lei, T.T., Zou, G.T.	Interactive design of commercial space signage system based on object detection	Commercial Space Signage System (CSSS), interactive design, object detection, analysis and evaluation, Convolutional Neural Network (CNN)	24, 3, 303-311	https://doi.org/10.18280/isi.240310	Lei, T.T., Zou, G.T. (2019). Interactive design of commercial space signage system based on object detection. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 303-311. https://doi.org/10.18280/isi.240310
212	Liu, Y.L., Pang, L., Lu, X.L.	Click-through rate prediction based on mobile computing and big data analysis	big data analysis, mobile computing, Click-through Rate (CTR), feature extraction, abnormal user	24, 3, 313-319	https://doi.org/10.18280/isi.240311	Liu, Y.L., Pang, L., Lu, X.L. (2019). Click-through rate prediction based on mobile computing and big data analysis. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 313-319. https://doi.org/10.18280/isi.240311
213	Masoumi, S., Mahjur, A.	Collaborative component interaction	programming language, reusability, collaboration, event, sop	24, 3, 321-329	https://doi.org/10.18280/isi.240312	Masoumi, S., Mahjur, A. (2019). Collaborative component interaction. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 321-329. https://doi.org/10.18280/isi.240312
214	Bai, L., Du, C.L.	Design and simulation of a collision-free path planning algorithm for mobile robots based on improved ant colony optimization	Path Planning, Ant Colony Optimization (ACO), collision-free algorithm, b-spline curve	24, 3, 331-336	https://doi.org/10.18280/isi.240313	Bai, L., Du, C.L. (2019). Design and simulation of a collision-free path planning algorithm for mobile robots based on improved ant colony optimization. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 331-336. https://doi.org/10.18280/isi.240313
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216	Verma, G., Chakraborty, R.	A hybrid privacy preserving scheme using finger print detection in cloud environment	cloud computing, security, biometric, fingerprint detection, minutiae points, elliptic curve	24, 3, 343-351	https://doi.org/10.18280/isi.240315	Verma, G., Chakraborty, R. (2019). A hybrid privacy preserving scheme using finger print detection in cloud environment. Ingénierie des Systèmes d'Information, Vol. 24, No. 3, pp. 343-351. https://doi.org/10.18280/isi.240315
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228	Premamayudu, B., Inturu, L.P., Ramesh, G.	New reliability routing path for detects malicious link	security, wormhole, most limited way, mobile specially appointed systems, applications, assaults, secure, binary search probing, reliability	24, 2, 197-200	https://doi.org/10.18280/isi.240211	Premamayudu, B., Inturu, L.P., Ramesh, G. (2019). New reliability routing path for detects malicious link. Ingenierie des Systemes d'Information, Vol. 24, No. 2, pp. 197-200. https://doi.org/10.18280/isi.240211

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237	Praveena K., Sirisha G., Babu S.S., Rao P.S.	Efficient method in association rule hiding for privacy preserving with data mining approach	confidence, support, association rules, item sets, data mining, association rules, privacy preservation, sensitive association rules	24, 1, 47-50	https://doi.org/10.18280/isi.240106	Praveena K., Sirisha G., Babu S.S., Rao P.S. (2019). Efficient method in association rule hiding for privacy preserving with data mining approach, Ingenierie des Systemes d'Information, Vol. 24, No. 1, pp. 47-50. https://doi.org/10.18280/isi.240106
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239	Jiang N., Li J.Y.	Adaptive speech enhancement algorithm based on hilbert-huang transform	HILBERT-huang transform, empirical mode decomposition, intrinsic mode function, speech enhancement	24, 1, 57-60	https://doi.org/10.18280/isi.240108	Jiang N., Li J.Y. (2019). Adaptive speech enhancement algorithm based on hilbert-huang transform, Ingenierie des Systemes d'Information, Vol. 24, No. 1, pp. 57-60. https://doi.org/10.18280/isi.240108
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281	Mendonça, M., Aguilar, J., Perozo, N.	Application of category theory	meta-ontologies, meta-concepts, category theory, collective intelligence	23, 2, 11-38	https://doi.org/10.3166/isi.23.2.11-38	Mendonça, M., Aguilar, J., Perozo, N. (2018). Application of category theory. Ingénierie des Systèmes d'Information, Vol. 23, No. 2, pp. 11-38. https://doi.org/10.3166/isi.23.2.11-38
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284	Anghour, A., Lamolle, M., Belhadj, F., Boyer, V.	Appprentissage adaptatif temps réels par système multi-agent. Gestion de parcours individuels et collaboratifs	adaptive learning, recommendation of pedagogical ressources, multi-usres context, web-based learning environment	23, 2, 89-109	https://doi.org/10.3166/isi.23.2.89-109	Anghour, A., Lamolle, M., Belhadj, F., Boyer, V. (2018). Appprentissage adaptatif temps réels par système multi-agent. Gestion de parcours individuels et collaboratifs. Ingénierie des Systèmes d'Information, Vol. 23, No. 2, pp. 89-109. https://doi.org/10.3166/isi.23.2.89-109
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289	Mothe, J., Rakotonirina, A.J.	Contextual collaborative filtering. A LDA-based approach	collaborative filtering, hybrid recommender system, information retrieval, information systems, latent dirichlet allocation, recommender systems	23, 1, 89-109	https://doi.org/10.3166/ISI.23.1.89-109	Mothe, J., Rakotonirina, A.J. (2018). Contextual collaborative filtering. A LDA-based approach. Ingénierie des Systèmes d' Information, Vol. 23, No. 1, pp. 89-109. https://doi.org/10.3166/ISI.23.1.89-109
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306	Grati, R., Boukadi, K., Abdallah, H.B.	A decision-making adaptation approach based on fuzzy logic systems for composite SaaS	adaptation, cloud, composite saas, fuzzy system	22, 4, 77-106	https://doi.org/10.3166/ISI.22.4.77-106	Grati, R., Boukadi, K., Abdallah, H.B. (2017). A decision-making adaptation approach based on fuzzy logic systems for composite SaaS. Ingénierie des Systèmes d'Information, Vol. 22, No. 4, pp. 77-106. https://doi.org/10.3166/ISI.22.4.77-106
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310	Raynaut, W., Soule-Dupuy, C., Valles-Parlangeau, N.	Dataset dissimilarity	algorithm selection, dataset characterization, dissimilarity, meta-features, meta-learning	22, 3, 35-63	https://doi.org/10.3166/ISI.22.3.35-63	Raynaut, W., Soule-Dupuy, C., Valles-Parlangeau, N. (2017). Dataset dissimilarity. Ingénierie des Systèmes d'Information, Vol. 22, No. 3, pp.35-63. https://doi.org/10.3166/ISI.22.3.35-63
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320	Goudalo, W., Kolski, C., Vanderhaegen, F.	Towards an advanced enterprise it security engineering. A joint approach to security, usability and resilience in sociotechnical systems	BPMN, conceptual model, design patterns, enterprise is, joint analysis, metrics, privacy, resilience, security, semantics, sociotechnical systems, UML, usability, user experience	22, 1, 65-107	https://doi.org/10.3166/ISI.22.1.65-107	Goudalo, W., Kolski, C., Vanderhaegen, F. (2017). Towards an advanced enterprise it security engineering. A joint approach to security, usability and resilience in sociotechnical systems. Ingé nierie des Systèmes d'Information, Vol. 22, No. 1, pp. 65-107. https://doi.org/10.3166/ISI.22.1.65-107
321	Rajaonah, B.	A view of trust and information system security under the perspective of critical infrastructure protection	critical infrastructure protection, information system, security, transdisciplinarity, trust	22, 1, 109-133	https://doi.org/10.3166/ISI.22.1.109-133	Rajaonah, B. (2017). A view of trust and information system security under the perspective of critical infrastructure protection. Ingénierie des Systèmes d'Information, Vol. 22, No. 1, pp. 109-133. https://doi.org/10.3166/ISI.22.1.109-133