No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Tripathi, A., Jain, A., Mishra, K.K., Pandey, A.B., Vashist, P.C.	MCNN: A deep learning based rapid diagnosis method for COVID-19 from the X-ray images	Convolutional Neural Network (ConvNet or CNN), RT-PCR, COVID-19, X-ray images, MCNN	34, 6, 673-682	https://doi.org/10.18280/ria.340601	Tripathi, A., Jain, A., Mishra, K.K., Pandey, A.B., Vashist, P.C. (2020). MCNN: A deep learning based rapid diagnosis method for COVID-19 from the X-ray images. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 673-682. https://doi.org/10.18280/ria.340601
2	Akbar, S., Midhunchakkaravarthy, D.	A novel filtered segmentation-based Bayesian deep neural network framework on large diabetic retinopathy databases	diabetic retinopathy, feature ranking, Bayesian classification, deep neural network	34, 6, 683-692	https://doi.org/10.18280/ria.340602	Akbar, S., Midhunchakkaravarthy, D. (2020). A novel filtered segmentation-based Bayesian deep neural network framework on large diabetic retinopathy databases. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 683-692. https://doi.org/10.18280/ria.340602
3	Hermon, G.B., Sharma, D.	Unique lion identification using triplet loss and Siamese networks	pattern recognition, pattern matching, triplet loss, animal biometrics, animal identification, automated photo identification, computer-vision, non-invasive techniques	34, 6, 693-700	https://doi.org/10.18280/ria.340603	Hermon, G.B., Sharma, D. (2020). Unique lion identification using triplet loss and Siamese networks. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 693-700. https://doi.org/10.18280/ria.340603
4	Rayala, V., Kalli, S.R.	Big data clustering using improvised Fuzzy C-Means clustering	Fuzzy C-Means (FCM), Convolutional Neural Network (CNN), improvised Fuzzy C-Means (IFCM)	34, 6, 701-708	https://doi.org/10.18280/ria.340604	Rayala, V., Kalli, S.R. (2020). Big data clustering using improvised Fuzzy C-Means clustering. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 701-708. https://doi.org/10.18280/ria.340604
5	Tommandru, S., Sandanam, D.	An automated framework for patient identification and verification using deep learning	deep learning framework, face detection, face recognition, patient identification, patient verification	34, 6, 709-719	https://doi.org/10.18280/ria.340605	Tommandru, S., Sandanam, D. (2020). An automated framework for patient identification and verification using deep learning. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 709-719. https://doi.org/10.18280/ria.340605
6	Bousmaha, K.Z., Chergui, N.H., Mbarek, M.S.A., Hadrich, L.B.	AQG: Arabic question generator	Arabic natural language process, question generation, semantic role labelling, semantic methods, model-based methods	34, 6, 721-729	https://doi.org/10.18280/ria.340606	Bousmaha, K.Z., Chergui, N.H., Mbarek, M.S.A., Hadrich, L.B. (2020). AQG: Arabic question generator. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 721-729. https://doi.org/10.18280/ria.340606
7	Singla, S.K., Garg, R.D., Dubey, O.P.	Ensemble machine learning methods to estimate the sugarcane yield based on remote sensing information	random forest, SVR, CART, KNN, NDVI, MDA, MDG	34, 6, 731-743	https://doi.org/10.18280/ria.340607	Singla, S.K., Garg, R.D., Dubey, O.P. (2020). Ensemble machine learning methods to estimate the sugarcane yield based on remote sensing information. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 731-743. https://doi.org/10.18280/ria.340607
8	Yadav, A., Prasad, B.B.V.S.V., Mojjada, R.K., Kothamasu, K.K., Joshi, D.	Application of artificial neural network and genetic algorithm based artificial neural network models for river flow predictio	artificial neural network, genetic algorithm, Mahanadi River, rainfall, water flow	34, 6, 745-751	https://doi.org/10.18280/ria.340608	Yadav, A., Prasad, B.B.V.S.V., Mojjada, R.K., Kothamasu, K.K., Joshi, D. (2020). Application of artificial neural network and genetic algorithm based artificial neural network models for river flow prediction. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 745-751. https://doi.org/10.18280/ria.340608
9	Bandi, V., Bhattacharyya, D., Midhunchakkravarthy, D.	Prediction of brain stroke severity using machine learning	intracerebral hemorrhagic stroke, ischemic stroke, improvised random forest, machine learning, stroke prediction, subarachnoid hemorrhagic stroke	34, 6, 753-761	https://doi.org/10.18280/ria.340609	Bandi, V., Bhattacharyya, D., Midhunchakkravarthy, D. (2020). Prediction of brain stroke severity using machine learning. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 753-761. https://doi.org/10.18280/ria.340609
10	Thottathyl, H., Pavan, K.K., Panchadula, R.P.	Microarray breast cancer data clustering using map reduce based K-means algorithm	microarray data, clustering, unsupervised learning, unlabelled data, gene expression	34, 6, 763-769	https://doi.org/10.18280/ria.340610	Thottathyl, H., Pavan, K.K., Panchadula, R.P. (2020). Microarray breast cancer data clustering using map reduce based K-means algorithm. Revue d'Intelligence Artificielle, Vol. 34, No. 6, pp. 763-769. https://doi.org/10.18280/ria.340610
11	Ayeche, F., Alti, A.	Novel descriptors for effective recognition of face and facial expressions	directional gradient descriptor, texture feature analysis, SVM classifier, face recognition	34, 5, 521-530	https://doi.org/10.18280/ria.340501	Ayeche, F., Alti, A. (2020). Novel descriptors for effective recognition of face and facial expressions. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 521-530. https://doi.org/10.18280/ria.340501
12	Naoui, M., Belalem, G.	Intensity profiles in active shape model	object segmentation, active shape model, shape model, local appearance model, matching procedure, intensity model	34, 5, 531-539	https://doi.org/10.18280/ria.340502	Naoui, M., Belalem, G. (2020). Intensity profiles in active shape model. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 531-539. https://doi.org/10.18280/ria.340502
13	Samantaray, L., Hembram, S., Panda, R.	A new Harris Hawks-Cuckoo search optimizer for multilevel thresholding of thermogram images	optimizer, Harris Hawks optimization, cuckoo search, multilevel thresholding, thermogram image analysis	34, 5, 541-551	https://doi.org/10.18280/ria.340503	Samantaray, L., Hembram, S., Panda, R. (2020). A new Harris Hawks-Cuckoo search optimizer for multilevel thresholding of thermogram images. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 541-551. https://doi.org/10.18280/ria.340503
14	Li, W.X.	Financial crisis warning of financial robot based on artificial intelligence	artificial intelligence (AI), financial robot, financial crisis warning, robotic process automation (RPA)	34, 5, 553-561	https://doi.org/10.18280/ria.340504	Li, W.X. (2020). Financial crisis warning of financial robot based on artificial intelligence. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 553-561. https://doi.org/10.18280/ria.340504
15	Jallal, M.A., El Yassini, A., Chabaa, S., Zeroual, A., Ibnyaich, S.	A deep learning algorithm for solar radiation time series forecasting: A case study of El Kelaa des Sraghna city	artificial intelligence, global solar radiation, deep learning, Elman neural network, forecasting, time series	34, 5, 563-596	https://doi.org/10.18280/ria.340505	Jallal, M.A., El Yassini, A., Chabaa, S., Zeroual, A., Ibnyaich, S. (2020). A deep learning algorithm for solar radiation time series forecasting: A case study of El Kelaa des Sraghna city. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 563-569. https://doi.org/10.18280/ria.340505
16	Alqudah, A., Alqudah, A.M., Qazan, S.	Lightweight deep learning for malaria parasite detection using cell-image of blood smear images	deep learning, convolutional neural networks, malaria, classification, computer-aided diagnosis, blood smear	34, 5, 571-576	https://doi.org/10.18280/ria.340506	Alqudah, A., Alqudah, A.M., Qazan, S. (2020). Lightweight deep learning for malaria parasite detection using cell-image of blood smear images. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 571-576. https://doi.org/10.18280/ria.340506
17	Wang, L.P.	An improved long short-term memory neural network for macroeconomic forecast	long short-term memory (LSTM), neural network, macroeconomics, economic forecast, mixed frequency	34, 5, 577-584	https://doi.org/10.18280/ria.340507	Wang, L.P. (2020). An improved long short-term memory neural network for macroeconomic forecast. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 577-584. https://doi.org/10.18280/ria.340507
18	Anthwal, S., Ganotra, D.	Dynamic features based on flow-correlation and hog for recognition of discrete facial expressions	optical flow, HOG, facial expression recognition, emotion interpretation, multi-class support vector machine	34, 5, 585-594	https://doi.org/10.18280/ria.340508	Anthwal, S., Ganotra, D. (2020). Dynamic features based on flow-correlation and hog for recognition of discrete facial expressions. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 585-594. https://doi.org/10.18280/ria.340508
19	Ke, L.	Synchronization control of high-order inertial Hopfield neural network with time delay	high-order inertial Hopfield neural network, variable substitution, fundamental solution matrix, exponential synchronization	34, 5, 595-600	https://doi.org/10.18280/ria.340509	Ke, L. (2020). Synchronization control of high-order inertial Hopfield neural network with time delay. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 595-600. https://doi.org/10.18280/ria.340509
20	Sajja, T.K., Kalluri, H.K.	A deep learning method for prediction of cardiovascular disease using convolutional neural network	cardiovascular disease, heart attack, convolutional neural network, SVM, KNN, logistic regression, naïve Bayes, deep learning	34, 5, 601-606	https://doi.org/10.18280/ria.340510	Sajja, T.K., Kalluri, H.K. (2020). A deep learning method for prediction of cardiovascular disease using convolutional neural network. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 601-606. https://doi.org/10.18280/ria.340510

21	Wen, J., Wei, X.C.,. Liu, H.P., Rong, Y.Y.	Fuzzy cluster analysis on influencing factors of college student scores	student score, fuzzy cluster analysis (FCA), principal component analysis (PCA), analysis of variance (ANOVA)	34, 5, 607-616	https://doi.org/10.18280/ria.340511	Wen, J., Wei, X.C.,. Liu, H.P., Rong, Y.Y. (2020). Fuzzy cluster analysis on influencing factors of college student scores. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 607-616. https://doi.org/10.18280/ria.340511
22	Palakodati, S.S.S., Chirra, V.R., Dasari, Y., Bulla, S.	Fresh and rotten fruits classification using CNN and transfer learning	agricultural industry, CNN, pre-trained models, Softmax	34, 5, 617-622	https://doi.org/10.18280/ria.340512	Palakodati, S.S.S., Chirra, V.R., Dasari, Y., Bulla, S. (2020). Fresh and rotten fruits classification using CNN and transfer learning. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 617-622. https://doi.org/10.18280/ria.340512
23	Lou B.N., Chen, N., Ma, L.	Competitiveness evaluation of tourist attractions based on artificial neural network	backpropagation neural network (BPNN), k-modes algorithm, clustering and optimization, competitiveness of tourist attractions	34, 5, 623-630	https://doi.org/10.18280/ria.340513	Lou B.N., Chen, N., Ma, L. (2020). Competitiveness evaluation of tourist attractions based on artificial neural network. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 623-630. https://doi.org/10.18280/ria.340513
24	Ranjeeth, S., Latchoumi, T.P.	Predicting kids malnutrition using multilayer perceptron with stochastic gradient descent	malnutrition, predictive model, classifier, stochastic gradient descent, feature selection, normalization	34, 5, 631-636	https://doi.org/10.18280/ria.340514	Ranjeeth, S., Latchoumi, T.P. (2020). Predicting kids malnutrition using multilayer perceptron with stochastic gradient descent. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 631-636. https://doi.org/10.18280/ria.340514
25	Cheng, J.F.	An evaluation strategy for commercial precision marketing based on artificial neural network	artificial neural network (ANN), k-means clustering (KMC), precision marketing, attention-interest-desire-memory-action (ADIMA) model	34, 5, 637-644	https://doi.org/10.18280/ria.340515	Cheng, J.F. (2020). An evaluation strategy for commercial precision marketing based on artificial neural network. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 637-644. https://doi.org/10.18280/ria.340515
26	Battula, B.P., Balaganesh, D.	Medical image data classification using deep learning based hybrid model with CNN and encoder	CNN, encoder, medical images, classification	34, 5, 645-652	https://doi.org/10.18280/ria.340516	Battula, B.P., Balaganesh, D. (2020). Medical image data classification using deep learning based hybrid model with CNN and encoder. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 645-652. https://doi.org/10.18280/ria.340516
27	Jain, R., Garg, V.K.	EMG signal feature extraction, normalization and classification for pain and normal muscles using genetic algorithm and support vector machine	electromyography, normalization, genetic algorithm, cosine similarity, support vector mechanism	34, 5, 653-661	https://doi.org/10.18280/ria.340517	Jain, R., Garg, V.K. (2020). EMG signal feature extraction, normalization and classification for pain and normal muscles using genetic algorithm and support vector machine. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 653-661. https://doi.org/10.18280/ria.340517
28	Wang, H.Y.	Recognition of wrong sports movements based on deep neural network	three-dimensional (3D) convolutional neural network (CNN), demonstrative sports movements, movement standardization, wrong movement recognition	34, 5, 663-671	https://doi.org/10.18280/ria.340518	Wang, H.Y. (2020). Recognition of wrong sports movements based on deep neural network. Revue d'Intelligence Artificielle, Vol. 34, No. 5, pp. 663-671. https://doi.org/10.18280/ria.340518
29	Doppala, B.P., Bhattacharyya, D., Chakkravarthy, M.	Stratification of cardiovascular diseases using deep learning	Cardiovascular Diseases (CVD), deep learning, cat fuzzy neural network, hybrid ant colony, African buffalo optimization	34, 4, 377-385	https://doi.org/10.18280/ria.340401	Doppala, B.P., Bhattacharyya, D., Chakkravarthy, M. (2020). Stratification of cardiovascular diseases using deep learning. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 377-385. https://doi.org/10.18280/ria.340401
30	Amanzadeh, S., Forghani, Y., Chabok, J.M.	Improvements on learning kernel extended dictionary for face recognition	classification, sparse representation, kernel extended dictionary learning, occlusion	34, 4, 387-394	https://doi.org/10.18280/ria.340402	Amanzadeh, S., Forghani, Y., Chabok, J.M. (2020). Improvements on learning kernel extended dictionary for face recognition. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 387-394. https://doi.org/10.18280/ria.340402
31	Chen, N., Liang, Y.	A tourist flow prediction model for scenic areas based on particle swarm optimization of neural network	particle swarm optimization (PSO), long short-term memory (LSTM), neural network (NN), scenic area, tourist flow	34, 4, 395-402	https://doi.org/10.18280/ria.340403	Chen, N., Liang, Y. (2020). A tourist flow prediction model for scenic areas based on particle swarm optimization of neural network. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 395-402. https://doi.org/10.18280/ria.340403
32	Boukhari, Y.	Application and comparison of machine learning algorithms for predicting mass loss of cement raw materials due to decarbonation process	ant colony optimization, artificial neural network, autoencoder, decarbonation process, deep neural networks, mass loss, particle swarm optimization	34, 4, 403-411	https://doi.org/10.18280/ria.340404	Boukhari, Y. (2020). Application and comparison of machine learning algorithms for predicting mass loss of cement raw materials due to decarbonation process. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 403-411. https://doi.org/10.18280/ria.340404
33	Wijaya, M.C.	Two stages best first search algorithm using hard and soft constraints heuristic for course timetabling	timetabling, best first search, hard constraint, soft constraint	34, 4, 413-418	https://doi.org/10.18280/ria.340405	Wijaya, M.C. (2020). Two stages best first search algorithm using hard and soft constraints heuristic for course timetabling. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 413-418. https://doi.org/10.18280/ria.340405
34	Srivastava, S., Kumar, G., Mishra, R.K., Kulshrestha, N.	A complex diffusion based modified fuzzy C-means approach for segmentation of ultrasound image in presence of speckle noise for breast cancer detection	fuzzy C means, complex diffusion, ultrasound image, speckle noise, Rayleigh noise	34, 4, 419-427	https://doi.org/10.18280/ria.340406	Srivastava, S., Kumar, G., Mishra, R.K., Kulshrestha, N. (2020). A complex diffusion based modified fuzzy C- means approach for segmentation of ultrasound image in presence of speckle noise for breast cancer detection. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 419-427. https://doi.org/10.18280/ria.340406
35	Sheikhi, S.	An efficient method for detection of fake accounts on the Instagram platform	Instagram, fake account detection, social media, fake followers, machine learning	34, 4, 429-436	https://doi.org/10.18280/ria.340407	Sheikhi, S. (2020). An efficient method for detection of fake accounts on the Instagram platform. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 429-436. https://doi.org/10.18280/ria.340407
36	Ou, L.Y., Chen, L.	An improved deep learning algorithm for risk prediction of corporate internet reporting	deep learning (DL), corporate internet reporting (CIR), risk prediction, long short-term memory (LSTM)	34, 4, 437-444	https://doi.org/10.18280/ria.340408	Ou, L.Y., Chen, L. (2020). An improved deep learning algorithm for risk prediction of corporate internet reporting. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 437-444. https://doi.org/10.18280/ria.340408
37	Mothukuri, R., Basaveswararao, B., Bulla, S.	Judgement classification using hybrid ANN-Shuffled frog leaping model on cyber crime judgement database	judgement case classification, shuffled frog leaping model, optimization	34, 4, 445-456	https://doi.org/10.18280/ria.340409	Mothukuri, R., Basaveswararao, B., Bulla, S. (2020). Judgement classification using hybrid ANN-Shuffled frog leaping model on cyber crime judgement database. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 445-456. https://doi.org/10.18280/ria.340409
38	Moraboena, S., Ketepalli, G., Ragam, P.	A deep learning approach to network intrusion detection using deep autoencoder	deep learning, anomaly detection, autoencoders, NSL- KDD, network security, CICIDS	34, 4, 457-463	https://doi.org/10.18280/ria.340410	Moraboena, S., Ketepalli, G., Ragam, P. (2020). A deep learning approach to network intrusion detection using deep autoencoder. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 457-463. https://doi.org/10.18280/ria.340410
39	Zhao, Y.X., Ren, W., Li, Z.	Prediction of English scores of college students based on multi-source data fusion and social behavior analysis	multi-source data fusion, social behavior analysis, machine learning (ML), student score, support vector machine (SVM)	34, 4, 465-470	https://doi.org/10.18280/ria.340411	Zhao, Y.X., Ren, W., Li, Z. (2020). Prediction of English scores of college students based on multi-source data fusion and social behavior analysis. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 465-470. https://doi.org/10.18280/ria.340411
40	Guo, S.S., Tang, L.L., Guo, X.Y., Huang, Z.	Power customer complaint prediction model based on time series analysis	time series analysis, backpropagation neural network (BPNN), customer service, prediction model	34, 4, 471-477	https://doi.org/10.18280/ria.340412	Guo, S.S., Tang, L.L., Guo, X.Y., Huang, Z. (2020). Power customer complaint prediction model based on time series analysis. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 471-477. https://doi.org/10.18280/ria.340412

41	Dewangan, B.K., Jain, A., Choudhury, T.	GAP: Hybrid task scheduling algorithm for cloud	resource scheduling, completion time, cost, VM utilization, optimization algorithm	34, 4, 479-485	https://doi.org/10.18280/ria.340413	Dewangan, B.K., Jain, A., Choudhury, T. (2020). GAP: Hybrid task scheduling algorithm for cloud. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 479-485. https://doi.org/10.18280/ria.340413
42	An, L., Li, A.H.	Design and implementation of a student archive retrieval method based on image processing	image processing, archive retrieval, hash learning, deep convolutional neural network (DCNN)	34, 4, 487-494	https://doi.org/10.18280/ria.340414	An, L., Li, A.H. (2020). Design and implementation of a student archive retrieval method based on image processing. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 487-494. https://doi.org/10.18280/ria.340414
43	Subramani, M., Rajaduari, K., Choudhury, S.D., Topkar, A., Ponnusamy, V.	Evaluating one stage detector architecture of convolutional neural network for threat object detection using X-ray baggage security imaging	deep learning, x-ray baggage screening, object detection, RetinaNet, SSD	34, 4, 495-500	https://doi.org/10.18280/ria.340415	Subramani, M., Rajaduari, K., Choudhury, S.D., Topkar, A., Ponnusamy, V. (2020). Evaluating one stage detector architecture of convolutional neural network for threat object detection using X-ray baggage security imaging. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 495-500. https://doi.org/10.18280/ria.340415
44	Liu, F., You, Y.	A big data-based anti-fraud model for internet finance	machine learning (ML), random forest (RF) algorithm, big data analysis, risk control model, internet finance, anti-fraud model	34, 4, 501-506	https://doi.org/10.18280/ria.340416	Liu, F., You, Y. (2020). A big data-based anti-fraud model for internet finance. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 501-506. https://doi.org/10.18280/ria.340416
45	Uthirapathy, S.E., Sandanam, D.	Real-time opinion prediction method for emergency public events in social media networks using opinion hit matrix	public event, social media, user groups, interest identification, opinion hit matrix, class level post measure	34, 4, 507-514	https://doi.org/10.18280/ria.340417	Uthirapathy, S.E., Sandanam, D. (2020). Real-time opinion prediction method for emergency public events in social media networks using opinion hit matrix. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 507-514. https://doi.org/10.18280/ria.340417
46	Zhang, C., Li, Q.X., Cheng, X.	Text sentiment classification based on feature fusion	word vector, convolutional neural network (CNN), bidirectional long short-term memory (BiLSTM) network, CNN_BiLSTM parallel hybrid model	34, 4, 515-520	https://doi.org/10.18280/ria.340418	Zhang, C., Li, Q.X., Cheng, X. (2020). Text sentiment classification based on feature fusion. Revue d'Intelligence Artificielle, Vol. 34, No. 4, pp. 515-520. https://doi.org/10.18280/ria.340418
47	Taha, M.B., Suwi, H., Khaswneh, F., Alzaareer, K.	Adaptive ciphertext policy attribute based encryption scheme for internet of things devices using decision tree	machine learning, IoT, CP-ABE, decision tree, offloading	34, 3, 233-241	https://doi.org/10.18280/ria.340301	Taha, M.B., Suwi, H., Khaswneh, F., Alzaareer, K. (2020). Adaptive ciphertext policy attribute based encryption scheme for internet of things devices using decision tree. Revue d'Intelligence Artificielle, Vol. 34, No. 3, pp. 233-241. https://doi.org/10.18280/ria.340301
48	Das, A., Agrawal, S., Samantaray, L., Panda, R., Abraham, A.	State-of-the art optimal multilevel thresholding methods for brain MR image analysis	biomedical imaging, brain image analysis, image processing, MRI, multilevel thresholding, optimization	34, 3, 243-256	https://doi.org/10.18280/ria.340302	Das, A., Agrawal, S., Samantaray, L., Panda, R., Abraham, A. (2020). State-of-the art optimal multilevel thresholding methods for brain MR image analysis. Revue d'Intelligence Artificielle, Vol. 34, No. 3, pp. 243-256. https://doi.org/10.18280/ria.340302
49	Lin, H., Li, L.X., Wang, H., Wang, Y.S., Ma, Z.Q.	Traffic flow prediction using SPGAPSO-CKRVM model	traffic flow prediction, relevance vector machine, combined kernel function, parameter optimization, Spark	34, 3, 257-265	https://doi.org/10.18280/ria.340303	Lin, H., Li, L.X., Wang, H., Wang, Y.S., Ma, Z.Q. (2020). Traffic flow prediction using SPGAPSO-CKRVM model. Revue d'Intelligence Artificielle, Vol. 34, No. 3, pp. 257-265. https://doi.org/10.18280/ria.340303
50	Ayache, F., Alti, A.	Performance evaluation of machine learning for recognizing human facial emotions	human facial emotions, active shape model, machine learning, Generalized Procrust Analysis, quadratic classifier	34, 3, 267-275	https://doi.org/10.18280/ria.340304	Ayache, F., Alti, A. (2020). Performance evaluation of machine learning for recognizing human facial emotions. Revue d'Intelligence Artificielle, Vol. 34, No. 3, pp. 267-275. https://doi.org/10.18280/ria.340304
51	El Atillah, M., El Fazazy, K.	Recognition of intrusive alphabets to the Arabic language using a deep morphological gradient	deep learning, multilayer perceptron (MLP), morphological gradient, optical character recognition	34, 3, 277-284	https://doi.org/10.18280/ria.340305	El Atillah, M., El Fazazy, K. (2020). Recognition of intrusive alphabets to the Arabic language using a deep morphological gradient. Revue d'Intelligence Artificielle, Vol. 34, No. 3, pp. 277-284. https://doi.org/10.18280/ria.340305
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83	Khiter, A., Mitiche, A.B.H.A., Mitiche, L.	Denoising electrocardiogram signal from electromyogram noise using adaptive filter combination	ECG signal, EMG noise, wavelet transform (WT), wiener filtering, normalized least mean square algorithm (NLMS)	34, 1, 67-74	https://doi.org/10.18280/ria.340109	Khiter, A., Mitiche, A.B.H.A., Mitiche, L. (2020). Denoising electrocardiogram signal from electromyogram noise using adaptive filter combination. Revue d'Intelligence Artificielle, Vol. 34, No. 1, pp. 67-74. https://doi.org/10.18280/ria.340109
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85	Elouali, A., Elberrichi, Z., Elouali, N.	Hate speech detection on multilingual twitter using convolutional neural networks	neural networks, hate speech, multilingual, convolutional neural network, text classification, character level representatio	34, 1, 81-88	https://doi.org/10.18280/ria.340111	Elouali, A., Elberrichi, Z., Elouali, N. (2020). Hate speech detection on multilingual twitter using convolutional neural networks. Revue d'Intelligence Artificielle, Vol. 34, No. 1, pp. 81-88. https://doi.org/10.18280/ria.340111
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99	Song, J.H., Xie, H., Shi, L.P.	Design of improved algorithm and model for multi-constrained fuzzy predictive analysis	fuzzy predictive analysis, multiple constraints, system engineering, fuzzy theory, algorithm and model	33, 6, 467-473	https://doi.org/10.18280/ria.330610	Song, J.H., Xie, H., Shi, L.P. (2019). Design of improved algorithm and model for multi-constrained fuzzy predictive analysis. Revue d'Intelligence Artificielle, Vol. 33, No. 6, pp. 467-473. https://doi.org/10.18280/ria.330610
100	Wang, T.M., Chen, Y.Y.	A nonlinear tensor-based machine learning algorithm for image classification	tensor representation, nonlinear classification, support tensor machine (STM), image classification	33, 6, 475-481	https://doi.org/10.18280/ria.330611	Wang, T.M., Chen, Y.Y. (2019). A nonlinear tensor-based machine learning algorithm for image classification. Revue d'Intelligence Artificielle, Vol. 33, No. 6, pp. 475-481. https://doi.org/10.18280/ria.330611

101	Habib, A., Islam, M.M., Kabir, M.N., Mredul, M.B., Hasan, M.	Staircase detection to guide visually impaired people: A hybrid approach	staircase detection, visually impaired people, sensors, computer vision, faster r-CNN	33, 5, 327-334	https://doi.org/10.18280/ria.330501	Habib, A., Islam, M.M., Kabir, M.N., Mredul, M.B., Hasan, M. (2019). Staircase detection to guide visually impaired people: A hybrid approach. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 327-334. https://doi.org/10.18280/ria.330501
102	Yildirim, M., Çinar, A.	Classification of white blood cells by deep learning methods for diagnosing disease	classification, leukocytes, machine learning, neural networks, white blood cells	33, 5, 335-340	https://doi.org/10.18280/ria.330502	Yildirim, M., Çinar, A. (2019). Classification of white blood cells by deep learning methods for diagnosing disease. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 335-340. https://doi.org/10.18280/ria.330502
103	Lu, H., Wang, T.C.	An automobile noise prediction model based on extension data mining algorithm	automobile noise prediction, extension data mining (EDM), weight calculation, information entropy	33, 5, 341-347	https://doi.org/10.18280/ria.330503	Lu, H., Wang, T.C. (2019). An automobile noise prediction model based on extension data mining algorithm. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 341-347. https://doi.org/10.18280/ria.330503
104	Senousy, Y., Hanna, W.K., Shehab, A., Riad, A.M., El-Bakry, H.M., Elkhamisy, N.	Egyptian social insurance big data mining using supervised learning algorithms	social insurance, data pre-processing, supervised learning algorithms, and big data mining	33, 5, 349-357	https://doi.org/10.18280/ria.330504	Senousy, Y., Hanna, W.K., Shehab, A., Riad, A.M., El-Bakry, H.M., Elkhamisy, N. (2019). Egyptian social insurance big data mining using supervised learning algorithms. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 349-357. https://doi.org/10.18280/ria.330504
105	Pei, J.Y., Shan, P.	Prediction of the dissemination of health news on microblogging sites based on ample feature selection and support vector machine	feature selection, binary classification, news dissemination, support vector machine (SVM)	33, 5, 359-365	https://doi.org/10.18280/ria.330505	Pei, J.Y., Shan, P. (2019). Prediction of the dissemination of health news on microblogging sites based on ample feature selection and support vector machine. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 359-365. https://doi.org/10.18280/ria.330505
106	Arounachalam, V.V., Latchoumi, T.P., Bhavya, B., Sultana, S.S.	Object detection in convolution neural networks using iterative refinements	convolutional neural networks, object detection, localization refinement, region-based CNN, stochastic gradient descent	33, 5, 367-372	https://doi.org/10.18280/ria.330506	Arounachalam, V.V., Latchoumi, T.P., Bhavya, B., Sultana, S.S. (2019). Object detection in convolution neural networks using iterative refinements. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 367-372. https://doi.org/10.18280/ria.330506
107	Gothania, J., Rathore, S.K.	Performance metrics for chromatic correlation clustering for social network analysis	community detection, community discovery, chromatic correlation clustering, chromatic balls, performance metrics, social network analysis	33, 5, 373-378	https://doi.org/10.18280/ria.330507	Gothania, J., Rathore, S.K. (2019). Performance metrics for chromatic correlation clustering for social network analysis. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 373-378. https://doi.org/10.18280/ria.330507
108	He, M.	A gas outburst prediction model based on data mining and information fusion	gas outburst, data mining, backpropagation neural network (BPNN), improved particle swarm optimization (IPSO), dempster-shafter (D-S) theory of evidence	33, 5, 379-386	https://doi.org/10.18280/ria.330508	He, M. (2019). A gas outburst prediction model based on data mining and information fusion. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 379-386. https://doi.org/10.18280/ria.330508
109	Sharma, R., Hooda, N.	Optimized ensemble machine learning framework for high dimensional imbalanced bio assays	machine learning, ensemble, bioassays, AMOTE, drug prediction	33, 5, 387-392	https://doi.org/10.18280/ria.330509	Sharma, R., Hooda, N. (2019). Optimized ensemble machine learning framework for high dimensional imbalanced bio assays. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 387-392. https://doi.org/10.18280/ria.330509
110	Alhlffee, M.	Pre-screening textual based evaluation for the diagnosed female breast cancer (WBC)	virtual assistance, sequence to sequence neural network, bigram and trigram	33, 4, 255-263	https://doi.org/10.18280/ria.330401	Alhlffee, M. (2019). Pre-screening textual based evaluation for the diagnosed female breast cancer (WBC). Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 255-263. https://doi.org/10.18280/ria.330401
111	Youssef, F., Houda, B.	Optimal combination of imitation and reinforcement learning for self-driving cars	deep reinforcement learning, behavioral cloning, supervised imitation learning, prioritized experience replay, expert's trust margin, simulation environment	33, 4, 265-273	https://doi.org/10.18280/ria.330402	Youssef, F., Houda, B. (2019). Optimal combination of imitation and reinforcement learning for self-driving cars. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 265-273. https://doi.org/10.18280/ria.330402
112	Cheng, X., Zhao, C.Y.	Prediction of tourist flow based on deep belief network and echo state network	tourist flow, model prediction, echo state network (ESN), deep learning (DL)	33, 4, 275-281	https://doi.org/10.18280/ria.330403	Cheng, X., Zhao, C.Y. (2019). Prediction of tourist flow based on deep belief network and echo state network. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 275-281. https://doi.org/10.18280/ria.330403
113	Muhammed, D.A., Saeed, S.A.M., Rashid, T.A.	A simulation model for pedestrian crowd evacuation based on various AI techniques	evacuation models, computational modeling, simulation, participants' emergency behavior, evacuation time, environment, engineering applications	33, 4, 283-292	https://doi.org/10.18280/ria.330404	Muhammed, D.A., Saeed, S.A.M., Rashid, T.A. (2019). A simulation model for pedestrian crowd evacuation based on various AI techniques . Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 283-292. https://doi.org/10.18280/ria.330404
114	Jin, G.X., Bai, K., Zhang, Y.X., He, H.	A smart water metering system based on image recognition and Narrowband Internet of Things	smart water meter, narrowband internet of things (NBIOT), image processing, convolutional neural network (CNN), digit recognition	33, 4, 293-298	https://doi.org/10.18280/ria.330405	Jin, G.X., Bai, K., Zhang, Y.X., He, H. (2019). A smart water metering system based on image recognition and Narrowband Internet of Things. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 293-298. https://doi.org/10.18280/ria.330405
115	Premamayudu, B., Subbarao, P., Rao, K.V.	Improved artistic images generation using transfer learning	neural style transfer, transfer learning, convolutional neural networks, deep learning, transfer learning	33, 4, 299-304	https://doi.org/10.18280/ria.330406	Premamayudu, B., Subbarao, P., Rao, K.V. (2019). Improved artistic images generation using transfer learning. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 299-304. https://doi.org/10.18280/ria.330406
116	Kumar, K., Nandan, D., Mishra, R.K.	Compact hardware of running gaussian average algorithm for moving object detection realized on FPGA and ASIC	ASIC, background subtraction, FPGA, moving object detection, running gaussian average, video processing	33, 4, 305-311	https://doi.org/10.18280/ria.330407	Kumar, K., Nandan, D., Mishra, R.K. (2019). Compact hardware of running gaussian average algorithm for moving object detection realized on FPGA and ASIC. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 305-311. https://doi.org/10.18280/ria.330407
117	Teki, S.M., Banothu, B., Varma, M.K.	An un-realized algorithm for effective privacy preservation using classification and regression trees	privacy, privacy preservation, decision tree, perturbation, un-realization, classification, regression	33, 4, 313-319	https://doi.org/10.18280/ria.330408	Teki, S.M., Banothu, B., Varma, M.K. (2019). An un-realized algorithm for effective privacy preservation using classification and regression trees. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 313-319. https://doi.org/10.18280/ria.330408
118	Li, B.X., Fan, R., Yang, B., Lin, S.G.	Detection of abnormal oil data based on feature selection	abnormal oil data, oil management, feature selection, fisher score	33, 4, 321-325	https://doi.org/10.18280/ria.330409	Li, B.X., Fan, R., Yang, B., Lin, S.G. (2019). Detection of abnormal oil data based on feature selection. Revue d'Intelligence Artificielle, Vol. 33, No. 4, pp. 321-325. https://doi.org/10.18280/ria.330409
119	Bascil, M.S.	Convolutional neural network to extract the best treatment way of warts based on data mining	wart, cryotherapy, immunotherapy, Convolutional Neural Network (CNN), data mining	33, 3, 165-170	https://doi.org/10.18280/ria.330301	Bascil, M.S. (2019). Convolutional neural network to extract the best treatment way of warts based on data mining. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 165-170. https://doi.org/10.18280/ria.330301
120	Du, Y.S., Wang, Y.C., Zhang, X.J., Nie, Z.L.	Automatic separation management between multiple unmanned aircraft vehicles in uncertain dynamic airspace based on trajectory prediction	unmanned aircraft vehicle (UAV), separation assurance, collision avoidance, conflict resolution, unmanned aircraft system traffic management (UTM)	33, 3, 171-180	https://doi.org/10.18280/ria.330302	Du, Y.S., Wang, Y.C., Zhang, X.J., Nie, Z.L. (2019). Automatic separation management between multiple unmanned aircraft vehicles in uncertain dynamic airspace based on trajectory prediction. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 171-180. https://doi.org/10.18280/ria.330302

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122	Shukla, A.N., Bharti, V., Garag, M.L.	A linked list-based exact algorithm for graph coloring problem	graph coloring, adjacency matrix, singly linked list, undirected graph	33, 3, 189-195	https://doi.org/10.18280/ria.330304	Shukla, A.N., Bharti, V., Garag, M.L. (2019). A linked list-based exact algorithm for graph coloring problem. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 189-195. https://doi.org/10.18280/ria.330304
123	Li, K., Zhang, G.H., Li, N., Yang, H.	A novel public information system for mobile geriatric medical services	public information system (PIS), mobile medical industry, geriatric medical services, structure–conduct–performance (SCP) paradigm, balanced scorecard (BSC)	33, 3, 197-202	https://doi.org/10.18280/ria.330305	Li, K., Zhang, G.H., Li, N., Yang, H. (2019). A novel public information system for mobile geriatric medical services. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 197-202. https://doi.org/10.18280/ria.330305
124	Fenanir, S., Semchedine, F., Baadache, A.	A machine learning-based lightweight intrusion detection system for the internet of things	internet of things (IOT), intrusion detection system (IDS), anomaly detection, feature selection	33, 3, 203-211	https://doi.org/10.18280/ria.330306	Fenanir, S., Semchedine, F., Baadache, A. (2019). A machine learning-based lightweight intrusion detection system for the internet of things. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 203-211. https://doi.org/10.18280/ria.330306
125	Merati, M., Mahmoudi, S., Chenine, A., Chikh, M.A.	A new triplet convolutional neural network for classification of lesions on mammograms	breast cancer, mammography, deep learning (DL), subnetwork, classification, malignant, benign	33, 3, 213-217	https://doi.org/10.18280/ria.330307	Merati, M., Mahmoudi, S., Chenine, A., Chikh, M.A. (2019). A new triplet convolutional neural network for classification of lesions on mammograms. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 213-217. https://doi.org/10.18280/ria.330307
126	Ma, W.Y.	A neighborhood structure-preserving bi-objective optimization method based on class center and discriminant analysis and its application in facial recognition	locally preserving projection (LPP), class-center LPP (CLPP), bi-objective optimization, face recognition	33, 3, 219-225	https://doi.org/10.18280/ria.330308	Ma, W.Y. (2019). A neighborhood structure-preserving bi-objective optimization method based on class center and discriminant analysis and its application in facial recognition. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 219-225. https://doi.org/10.18280/ria.330308
127	Kondabala, R., Kumar, V., Ali, A.	A machine learning prediction model for the affinity between glucose and binder	machine learning, regression, prediction models, glucose binder, binding affinity	33, 3, 227-233	https://doi.org/10.18280/ria.330309	Kondabala, R., Kumar, V., Ali, A. (2019). A machine learning prediction model for the affinity between glucose and binder. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 227-233. https://doi.org/10.18280/ria.330309
128	Swati, S., Kumar, M., Mishra, R.K.	Classification of microarray data using kernel based classifiers	classification, extreme learning machine, relevance vector machine, gene selection, microarray, T-test	33, 3, 235-247	https://doi.org/10.18280/ria.330310	Swati, S., Kumar, M., Mishra, R.K. (2019). Classification of microarray data using kernel based classifiers. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 235-247. https://doi.org/10.18280/ria.330310
129	Wang, F.F., Hu, H.F.	An energy-efficient unequal clustering routing algorithm for wireless sensor network	wireless sensor network (WSN), cluster routing, hot-spot problem, lifecycle	33, 3, 249-254	https://doi.org/10.18280/ria.330311	Wang, F.F., Hu, H.F. (2019). An energy-efficient unequal clustering routing algorithm for wireless sensor network. Revue d'Intelligence Artificielle, Vol. 33, No. 3, pp. 249-254. https://doi.org/10.18280/ria.330311
130	Soliman, G.M.A., Abou-El-Enien, T.H.M.	Terrorism prediction using artificial neural network	feedforward neural networks, hybrid algorithm, wrapper approach, metaheuristics algorithms, fitness function, supervised machine learning	33, 2, 81-87	https://doi.org/10.18280/ria.330201	Soliman, G.M.A., Abou-El-Enien, T.H.M. (2019). Terrorism prediction using artificial neural network. Revue d'Intelligence Artificielle, Vol. 33, No.2, pp. 81-87. https://doi.org/10.18280/ria.330201
131	Wang, Y.H., Qiao, P.L., Sun, G.L., Fan, K., Zeng, X.	Classification of imbalanced dataset based on random walk model	imbalanced dataset, random walk model (RWM), data classification, support vector machine (SVM), random walk probability	33, 2, 89-95	https://doi.org/10.18280/ria.330202	Wang, Y.H., Qiao, P.L., Sun, G.L., Fan, K., Zeng, X. (2019). Classification of imbalanced dataset based on random walk model. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 89-95. https://doi.org/10.18280/ria.330202
132	Talmale, R., Bhat, M.N., Thakare, N.	Energy attentive pre-fault detection mechanism with multilevel transmission for distributed wireless sensor network	wireless sensor network, pre fault detection, routing, energy-efficiency	33, 2, 97-103	https://doi.org/10.18280/ria.330203	Talmale, R., Bhat, M.N., Thakare, N. (2019). Energy attentive pre-fault detection mechanism with multilevel transmission for distributed wireless sensor network. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 97-103. https://doi.org/10.18280/ria.330203
133	Zhao, K., Wang, D., Wang, Y.	A face recognition algorithm based on optimal feature selection	face recognition, feature selection, grey relational analysis (GRA), face classifier, recognition speed	33, 2, 105-109	https://doi.org/10.18280/ria.330204	Zhao, K., Wang, D., Wang, Y. (2019). A face recognition algorithm based on optimal feature selection. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 105-109. https://doi.org/10.18280/ria.330204
134	Agrawal, S., Panda, R., Kumari, S., Dora, L., Abraham, A.	A new hybrid multifocus image fusion model using single optimum gabor filter	gabor energy feature, gabor filter bank, multifocus image fusion, optimum gabor filter, squirrel search algorithm	33, 2, 111-118	https://doi.org/10.18280/ria.330205	Agrawal, S., Panda, R., Kumari, S., Dora, L., Abraham, A. (2019). A new hybrid multifocus image fusion model using single optimum gabor filter. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 111-118. https://doi.org/10.18280/ria.330205
135	Lin, Z.S., Chen, X.	Intelligent loading of scattered cargoes based on improved ant colony optimization	wall-based ant colony optimization (WBACO), scattered cargoes, volume utilization, expectation function, heuristic factors	33, 2, 119-125	https://doi.org/10.18280/ria.330206	Lin, Z.S., Chen, X. (2019). Intelligent loading of scattered cargoes based on improved ant colony optimization. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 119-125. https://doi.org/10.18280/ria.330206
136	Rezki, M.	Detecting lie-A practical approach	physiological changes, biomedical signals, polygraph, lie detection, GSR, correlation	33, 2, 127-132	https://doi.org/10.18280/ria.330207	Rezki, M. (2019). Detecting Lie-A practical approach. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 127-132. https://doi.org/10.18280/ria.330207
137	Liu, L., Qiao, X., Shi, X.D., Wang, Y., Shi, Y.G.	Apple binocular visual identification and positioning system	labVIEW, object identification and positioning, binocular vision	33, 2, 133-137	https://doi.org/10.18280/ria.330208	Liu, L., Qiao, X., Shi, X.D., Wang, Y., Shi, Y.G. (2019). Apple binocular visual identification and positioning system. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 133-137. https://doi.org/10.18280/ria.330208
138	Singh, S.K., Saraswat, A.	Design service volume, capacity, level of service calculation and forecasting for a semi-urban city	capacity, level of service, design service volume, traffic survey, traffic growth, traffic forecasting	33, 2, 139-143	https://doi.org/10.18280/ria.330209	Singh, S.K., Saraswat, A. (2019). Design service volume, capacity, level of service calculation and forecasting for a semi-urban city. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 139-143. https://doi.org/10.18280/ria.330209
139	Lin, T., Wu, P., Gao, F.M., Wang, L.H.	A secure query protocol for multi-layer wireless sensor networks based on internet of things	wireless sensor network (WSN), multi-layer, secure query protocol, internet of things (IOT)	33, 2, 145-149	https://doi.org/10.18280/ria.330210	Lin, T., Wu, P., Gao, F.M., Wang, L.H. (2019). A secure query protocol for multi-layer wireless sensor networks based on internet of things. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 145-149. https://doi.org/10.18280/ria.330210
140	Odesola, I.F., Ige, E.O., Adesokan, A.A., Ige, I.O.A.	An ann approach for estimation of thermal comfort and sick building syndrome	thermal comfort, leverberg-marquardt, neural networks, correlation coefficient, mean square error	33, 2, 151-158	https://doi.org/10.18280/ria.330211	Odesola, I.F., Ige, E.O., Adesokan, A.A., Ige, I.O.A. (2019). An ANN approach for estimation of thermal comfort and sick building syndrome. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 151-158. https://doi.org/10.18280/ria.330211

141	Younes, T.M.	Novel approach of non-linearity analyses of resistive temperature sensors	signal conditioning, thermoresistive, bridge parameters, non-linearity analyses	33, 2, 159-164	https://doi.org/10.18280/ria.330212	Younes, T.M. (2019). Novel approach of non-linearity analyses of resistive temperature sensors. Revue d'Intelligence Artificielle, Vol. 33, No. 2, pp. 159-164. https://doi.org/10.18280/ria.330212
142	Saadaoui, K., Bouderah, B., Assas, O., Khodja, M.A.	Type-1 and type-2 fuzzy sets to control a nonlinear dynamic system	type-1 fuzzy sets, interval type-2 fuzzy sets, nonlinear dynamic system, puma560 robot	33, 1, 1-7	https://doi.org/10.18280/ria.330101	Saadaoui, K., Bouderah, B., Assas, O., Khodja, M.A. (2019). Type-1 and type-2 fuzzy sets to control a nonlinear dynamic system. Revue d'Intelligence Artificielle, Vol. 33, No.1, pp. 1-7. https://doi.org/10.18280/ria.330101
143	Kanumalli, S.S., Chinta, A.,Chandra Murty, P.S.R.	Isolation of wormhole attackers in iov using wpwp packet	network, vanet, IOV, collision	33, 1, 9-13	https://doi.org/10.18280/ria.330102	Kanumalli, S.S., Chinta, A.,Chandra Murty, P.S.R. (2019). Isolation of wormhole attackers in IOV using WPWP packet. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 9-13. https://doi.org/10.18280/ria.330102
144	Zhao, W., Wang, G.Y., Peng, B.	Knowledge text classification based on virtual category tree	knowledge text, classification, virtual category tree	33, 1, 15-19	https://doi.org/10.18280/ria.330103	Zhao, W., Wang, G.Y., Peng, B. (2019). Knowledge text classification based on virtual category tree. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 15-19. https://doi.org/10.18280/ria.330103
145	Veeranjaneyulu, N., Srivalli, G., Bodapati, J.D.	Home automation and security system using IOT	Arduino uno, PIR sensor, LM35 sensor, ultrasonic sensor, relay	33, 1, 21-24	https://doi.org/10.18280/ria.330104	Veeranjaneyulu, N., Srivalli, G., Bodapati, J.D. (2019). Home automation and security system using IOT. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 21-24. https://doi.org/10.18280/ria.330104
146	Huang, Q., Cui, L.M.	Design and application of face recognition algorithm based on improved backpropagation neural network	face recognition, backpropagation (BP) neural network, principal component analysis (PCA), image feature extraction, scaled conjugate gradient (SCG) algorithm	33, 1, 25-32	https://doi.org/10.18280/ria.330105	Huang, Q., Cui, L.M. (2019). Design and application of face recognition algorithm based on improved backpropagation neural network. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 25-32. https://doi.org/10.18280/ria.330105
147	Singamaneni, K.K., Naidu, P.S.	IBLIND quantum computing and hasbe for secure cloud data storage and accessing	cloud storage, blind quantum computing, cloud service provider, cloud users	33, 1, 33-37	https://doi.org/10.18280/ria.330106	Singamaneni, K.K., Naidu, P.S. (2019). IBLIND quantum computing and HASBE for Secure cloud data storage and accessing. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 33-37. https://doi.org/10.18280/ria.330106
148	Wei, Y.	Design of a fire detection system based on four-rotor aircraft	fire detection, four-rotor aircraft, secondary disaster, proportional-integral-derivative (PID) control	33, 1, 39-43	https://doi.org/10.18280/ria.330107	Wei, Y. (2019). Design of a fire detection system based on four-rotor aircraft. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 39-43. https://doi.org/10.18280/ria.330107
149	Narayana, V.L., Gopi, A.P., Chaitanya, K.	Avoiding interoperability and delay in healthcare monitoring system using block chain technology	block chain technology, health care monitering, interoperability	33, 1, 45-48	https://doi.org/10.18280/ria.330108	Narayana, V.L., Gopi, A.P., Chaitanya, K. (2019). Avoiding interoperability and delay in healthcare monitoring system using block chain technology. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 45-48. https://doi.org/10.18280/ria.330108
150	Yang, L.L.	An attitude motion planning algorithm for one-legged hopping robot based on spline approximation and particle swarm optimization	one-legged hopping robot, nonholonomic constraint, attitude motion planning, spline approximation, particle swarm optimization (PSO)	33, 1, 49-52	https://doi.org/10.18280/ria.330109	Yang, L.L. (2019). An attitude motion planning algorithm for one-legged hopping robot based on spline approximation and particle swarm optimization. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 49-52. https://doi.org/10.18280/ria.330109
151	Bikku, T.	An efferent and secure outsourced data aggregation using location sharing services	location privacy, broadcast encryption, vector commitments, selective total, differential protection, RSA calculation, context privacy, source-location privacy, cyber security	33, 1, 53-60	https://doi.org/10.18280/ria.330110	Bikku, T. (2019). An efferent and secure outsourced data aggregation using location sharing services. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 53-60. https://doi.org/10.18280/ria.330110
152	Yang, F., Liu, B.X., Zhao, L.Q., Peng, X.F.	Recognition of the purchasing intentions of WeChat users based on forgetting curve	intention recognition, forgetting curve, wechat, data mining, big data, prediction, purchasing intention	33, 1, 61-65	https://doi.org/10.18280/ria.330111	Yang, F., Liu, B.X., Zhao, L.Q., Peng, X.F. (2019). Recognition of the purchasing intentions of Wechat users based on forgetting curve. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 61-65. https://doi.org/10.18280/ria.330111
153	Rao, T.S.S., Battula, B.P.	A frame work for hospital readmission based on deep learning approach and naive bayes classification model	electronic health record, volitional encoders, navie basian, classification, deep learning	33, 1, 67-74	https://doi.org/10.18280/ria.330112	Rao, T.S.S., Battula, B.P. (2019). A frame work for hospital readmission based on deep learning approach and naive bayes classification model. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 67-74. https://doi.org/10.18280/ria.330112
154	Li, Z.Q., Xu, C.J., Liu, C.	Frequent subtree mining algorithm for ribonucleic acid topological pattern	ribonucleic acid, frequent subtree, topological pattern, frequent pattern mining	33, 1, 75-80	https://doi.org/10.18280/ria.330113	Li, Z.Q., Xu, C.J., Liu, C. (2019). Frequent subtree mining algorithm for ribonucleic acid topological pattern. Revue d'Intelligence Artificielle, Vol. 33, No. 1, pp. 75-80. https://doi.org/10.18280/ria.330113
155	Tan, Z.F., Li, S.L., Hu, Y., Wang, Z.X., Wei, X.F.	A RecMap-based new construction algorithm for demers cartogram	rectangular map, relative position, schematic map, time efficiency.	32, S1, 11-24	https://doi.org/10.3166/RIA.32.S1.11-24	Tan, Z.F., Li, S.L., Hu, Y., Wang, Z.X., Wei, X.F. (2018). A RecMap-based new construction algorithm for demers cartogram. Revue d'Intelligence Artificielle, Vol. 32, No. S1, pp. 11-24. https://doi.org/ 10.3166/RIA.32.S1.11-24
156	Wang, C., Wang, J.H., Sun, X.H., Wang, F.S.	A novel soil nutrient classification method based on hadoop platform	k-means algorithm, hadoop framework, big data, soil nutrient classification.	32, S1, 25-40	https://doi.org/10.3166/RIA.32.S1.25-40	Wang, C., Wang, J.H., Sun, X.H., Wang, F.S. (2018). A novel soil nutrient classification method based on hadoop platform. Revue d'Intelligence Artificielle, Vol. 32, No. S1, pp. 25-40.https://doi.org/ 10.3166/RIA.32.S1.25-40
157	Wang, Z.G., Wang, G.L., Yao, C.X.	Robot path planning based on TGSA and three-order bezier curve	robot, path planning, honeycomb grid method, tree growth simulation algorithm, third-order bezier curve.	32, S1, 41-56	https://doi.org/10.3166/RIA.32.S1.41-56	Wang, Z.G., Wang, G.L., Yao, C.X. (2018). Robot path planning based on TGSA and three-order bezier curve. Revue d'Intelligence Artificielle, Vol. 32, No. S1, pp. 41-56. https://doi.org/ 10.3166/RIA.32.S1.41-56
158	Quan, F.	Design of robot ant colony algorithm to reduce transport risks of dangerous chemicals	mobile robot, path planning, ant colony algorithms, maximum and minimum ant colony algorithm, multivariate ant colony algorithm, adaptive ant colony algorithm.	32, S1, 57-66	https://doi.org/10.3166/RIA.32.S1.57-66	Quan, F. (2018). Design of robot ant colony algorithm to reduce transport risks of dangerous chemicals. Revue d'Intelligence Artificielle, Vol. 32, No. S1, pp. 57-66. https://doi.org/ 10.3166/RIA.32.S1.57-66
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164	Zhou, M.L., Liu, Y., Sun, G.X., Bin, S.	A novel public opinion detection algorithm based on complex network	internet public opinion, complex network, pagerank (PR) algorithm, hyperlink-induced topic search (HITS) algorithm.	32, S1, 125-134	https://doi.org/10.3166/RIA.32.S1.125-134	Zhou, M.L., Liu, Y., Sun, G.X., Bin, S. (2018). A novel public opinion detection algorithm based on complex network. Revue d'Intelligence Artificielle, Vol. 32, No. S1, pp. 125-134. https://doi.org/10.3166/RIA.32.S1.125-134
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166	Najjar, A., Picard, G., Boissier, O.	Négociation multi-agents résistante aux pics de charge pour améliorer l'acceptabilité des services d'un fournisseur SaaS ouvert	negotiation, adaptation, acceptability rate, SAAS, cloud computing	32, 5-6, 603-625	https://doi.org/10.3166/ria.32.603-625	Najjar, A., Picard, G., Boissier, O. (2018). Négociation multi-agents r ésistante aux pics de charge pour améliorer l'acceptabilité des services d'un fournisseur SaaS ouvert. Revue d'Intelligence Artificielle, Vol. 32, No. 5-6, pp. 603-625. https://doi.org/10.3166/ria.32.603-625
167	Morge, M., Nongaillard, A.	Procédure décentralisée d'affectation d'individus à des activités	multi-sgent dystem, fistributed problem solving, negotiation, agent behavior, coalition formation	32, 5-6, 627-658	https://doi.org/10.3166/ria.32.627-658	Morge, M., Nongaillard, A. (2018). Procédure décentralisée d' affectation d'individus à des activités. Revue d'Intelligence Artificielle, Vol. 32, No. 5-6, pp. 627-658. https://doi.org/10.3166/ria.32.627-658
168	Guizol, L., Baddoura, R.	CEMAA : un modèle préliminaire basé sur la variabilité des contextes éthiques	moral decision making, contextual ethics, ethical model, knowledge representation	32, 5-6, 659-682	https://doi.org/10.3166/ria.32.659-682	Guizol, L., Baddoura, R. (2018). CEMAA: un modèle préliminaire basé sur la variabilité des contextes éthiques. Revue d'Intelligence Artificielle, Vol. 32, No. 5-6, pp. 659-682. https://doi.org/10.3166/ria.32.659-682
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176	VALLÉE, T., Bonnet, G., Swarte de, T.	Modélisation de valeurs humaines : le cas des vertus dans les jeux hédoniques	coalitions, human values, multi-agent systems, virtue ethics	32, 4, 519-546	https://doi.org/10.3166/ria.32.519-546	VALLÉE, T., Bonnet, G., Swarte de, T. (2018). Modélisation de valeurs humaines: le cas des vertus dans les jeux hédoniques. Revue d'Intelligence Artificielle, Vol. 32, No. 4, pp. 519-546. https://doi.org/10.3166/ria.32.519-546
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182	Vallée, T., Bonnet, G.	Hedonic coalition games with multiple solution concepts	behavior models, coalitions, game theory	32, 2, 169-195	https://doi.org/10.3166/RIA.32.169-195	Vallée, T., Bonnet, G. (2018). Hedonic coalition games with multiple solution concepts. Revue d'Intelligence Artificielle, Vol. 32, No. 2, pp. 169-195. https://doi.org/10.3166/RIA.32.169-195
183	Reynaud, Q., Sabouret, N., Haradji, Y., Sempé, F.	Human activity simulation: A study on multi-level realism	multi-agent based simulation of human activity, multi-level realism	32, 2, 197-221	https://doi.org/10.3166/RIA.32.197-221	Reynaud, Q., Sabouret, N., Haradji, Y., Sempé, F. (2018). Human activity simulation: A study on multi-level realism. Revue d'Intelligence Artificielle, Vol. 32, No. 2, pp. 197-221. https://doi.org/10.3166/RIA.32.197-221
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185	Guériau, M., Armetta, F., Hassas, S., Billot, R., El Faouzi, N.E.	Constructivist learning based on multiagent systems. An application to the complex problem of cooperative traffic regulation	constructivist learning, control, decision-making	32, 2, 249-277	https://doi.org/10.3166/RIA.32.249-277	Guériau, M., Armetta, F., Hassas, S., Billot, R., El Faouzi, N.E. (2018). Constructivist learning based on multiagent systems. An application to the complex problem of cooperative traffic regulation. Revue d'Intelligence Artificielle, Vol. 32, No. 2, pp. 249-277. https://doi.org/10.3166/RIA.32.249-277
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