

M Adel Alimi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

636

papers

6,587

citations

35

h-index

56

g-index

777

ext. papers

7,975

ext. citations

2.4

avg, IF

6.56

L-index

#	Paper	IF	Citations
636	Fuzzy ontology as a basis for recommendation Systems for Traveler's preference. <i>Multimedia Tools and Applications</i> , 2022 , 81, 6599	2.5	
635	A novel biometric system for signature verification based on score level fusion approach. <i>Multimedia Tools and Applications</i> , 2022 , 81, 7817	2.5	1
634	You can try without visiting: a comprehensive survey on virtually try-on outfits.. <i>Multimedia Tools and Applications</i> , 2022 , 1-32	2.5	1
633	Reduced annotation based on deep active learning for arabic text detection in natural scene images. <i>Pattern Recognition Letters</i> , 2022 , 157, 42-48	4.7	1
632	Data Augmentation using Geometric, Frequency, and Beta Modeling approaches for Improving Multi-lingual Online Handwriting Recognition. <i>International Journal on Document Analysis and Recognition</i> , 2021 , 24, 283-298	3.8	4
631	Bi-heuristic ant colony optimization-based approaches for traveling salesman problem. <i>Soft Computing</i> , 2021 , 25, 3775-3794	3.5	6
630	Interval Type-2 Fuzzy C-Means Data Placement Optimization in Scientific Cloud Workflow applications. <i>Simulation Modelling Practice and Theory</i> , 2021 , 107, 102217	3.9	1
629	Online feature selection system for big data classification based on multi-objective automated negotiation. <i>Pattern Recognition</i> , 2021 , 110, 107629	7.7	9
628	Psychological stimulation for anxious states detection based on EEG-related features. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 8519-8533	3.7	5
627	Online Arabic Handwriting Recognition Using Graphemes Segmentation and Deep Learning Recurrent Neural Networks. <i>Algorithms for Intelligent Systems</i> , 2021 , 281-297	0.5	2
626	Robust Clustering Based Possibilistic Type-2 Fuzzy C-means for Noisy Datasets. <i>Algorithms for Intelligent Systems</i> , 2021 , 115-129	0.5	
625	Novel Intuitionistic Based Interval Type-2 Fuzzy Similarity Measures with Application to Clustering. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	3
624	Deep bidirectional long short-term memory for online multilingual writer identification based on an extended Beta-elliptic model and fuzzy elementary perceptual codes. <i>Multimedia Tools and Applications</i> , 2021 , 80, 14075-14100	2.5	5
623	ASAR 2021 Competition on Online Signal Restoration Using Arabic Handwriting Dhad Dataset. <i>Lecture Notes in Computer Science</i> , 2021 , 366-378	0.9	1
622	ASAR 2021 Online Arabic Writer Identification Competition. <i>Lecture Notes in Computer Science</i> , 2021 , 353-365	0.9	
621	SRD5A3-CDG: 3D structure modeling, clinical spectrum, and computer-based dysmorphic facial recognition. <i>American Journal of Medical Genetics, Part A</i> , 2021 , 185, 1081-1090	2.5	8
620	ASAR 2021 Competition on Online Arabic Word Recognition. <i>Lecture Notes in Computer Science</i> , 2021 , 390-401	0.9	

619	Interval Type-2 Beta Fuzzy Near Sets Approach to Content-Based Image Retrieval. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	1
618	A new digital steganography system based on hiding online signature within document image data in YUV color space. <i>Multimedia Tools and Applications</i> , 2021 , 80, 18653-18676	2.5	3
617	Do individual characteristics influence the beta-elliptic modeling errors during ellipse drawing movements?. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021 , 1-11	2.1	1
616	Multi-lingual character handwriting framework based on an integrated deep learning based sequence-to-sequence attention model. <i>Memetic Computing</i> , 2021 , 13, 459	3.4	0
615	. <i>IEEE Access</i> , 2021 , 9, 18569-18584	3.5	2
614	ASAR 2021 Competition on Online Arabic Character Recognition: ACRC. <i>Lecture Notes in Computer Science</i> , 2021 , 379-389	0.9	1
613	A new ranking method for TOPSIS and VIKOR under interval valued intuitionistic fuzzy sets and possibility measures. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 4459-4469	1.6	5
612	Neural congestion prediction system for trip modelling in heterogeneous spatio-temporal patterns. <i>International Journal of Systems Science</i> , 2020 , 51, 1373-1391	2.3	3
611	COVID-19 in breast cancer patients: a cohort at the Institut Curie hospitals in the Paris area. <i>Breast Cancer Research</i> , 2020 , 22, 55	8.3	58
610	A Review of Machine Learning Approaches to Power System Security and Stability. <i>IEEE Access</i> , 2020 , 8, 113512-113531	3.5	59
609	Unsupervised Learning in Reservoir Computing for EEG-based Emotion Recognition. <i>IEEE Transactions on Affective Computing</i> , 2020 , 1-1	5.7	11
608	Analytical and fast Fiber Orientation Distribution reconstruction in 3D-Polarized Light Imaging. <i>Medical Image Analysis</i> , 2020 , 65, 101760	15.4	4
607	A Hybrid Hierarchical Heuristic-ACO With Local Search Applied to Travelling Salesman Problem, AS-FA-Ls. <i>International Journal of System Dynamics Applications</i> , 2020 , 9, 58-73	0.7	1
606	Deep learning CNN+STM framework for Arabic sentiment analysis using textual information shared in social networks. <i>Social Network Analysis and Mining</i> , 2020 , 10, 1	2.2	34
605	Performance Analysis of 5G Fixed Wireless Access Networks with Antenna Diversity Techniques. <i>Wireless Personal Communications</i> , 2020 , 113, 1541-1565	1.9	3
604	Optical Signal Phase Retrieval With Low Complexity DC-Value Method. <i>Journal of Lightwave Technology</i> , 2020 , 38, 4205-4212	4	6
603	PSO-Based Adaptive Hierarchical Interval Type-2 Fuzzy Knowledge Representation System (PSO-AHIT2FKRS) for Travel Route Guidance. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-15	6.1	6
602	Hematological prediction study of peritonitis following laparotomy in goats. <i>Journal of Veterinary Medical Science</i> , 2020 , 82, 531-535	1.1	0

601	Dynamic Multi Objective Particle Swarm optimization with Cooperative Agents 2020 ,		1
600	Veterinary acuthery in management of musculoskeletal disorders: An eye-opener to the developing countries veterinarians. <i>Open Veterinary Journal</i> , 2020 , 10, 252-260		1
599	CDISS-BEMOS: A New Color Document Image Steganography System Based on Beta Elliptic Modeling of the Online Signature. <i>Lecture Notes in Computer Science</i> , 2020 , 293-307	0.9	
598	CNN-SVM Learning Approach Based Human Activity Recognition. <i>Lecture Notes in Computer Science</i> , 2020 , 271-281	0.9	15
597	Dough rheology and loaf quality of wheat-cassava bread using different cassava varieties and wheat substitution levels. <i>Food Bioscience</i> , 2020 , 34, 100529	4.9	1
596	DELP-DAR system for license plate detection and recognition. <i>Pattern Recognition Letters</i> , 2020 , 129, 213-223	4.7	27
595	Towards a novel biometric system for forensic document examination. <i>Computers and Security</i> , 2020 , 97, 101973	4.9	8
594	Simple and robust transmit diversity based free-space optical communications for 5G and beyond networks. <i>Optics Communications</i> , 2020 , 476, 126306	2	3
593	EEG feature learning with Intrinsic Plasticity based Deep Echo State Network 2020 ,		1
592	Hierarchical fuzzy design by a multi-objective evolutionary hybrid approach. <i>Soft Computing</i> , 2020 , 24, 3615-3630	3.5	1
591	Handwriting perceptual classification and synthesis using discriminate HMMs and progressive iterative approximation. <i>Neural Computing and Applications</i> , 2020 , 32, 16549-16570	4.8	2
590	SSDIS-BEM: A New Signature Steganography Document Image System based on Beta Elliptic Modeling 2020 , 23, 470-482		2
589	Efficient and Fast Objects Detection Technique for Intelligent Video Surveillance Using Transfer Learning and Fine-Tuning. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 1421-1433	2.5	5
588	Morphological Convolutional Neural Network Architecture for Digit Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2876-2885	10.3	35
587	Acute toxicity, oxidative stress response and clinicopathological changes in Wistar rats exposed to aqueous extract of Uvaria chamae leaves. <i>Scientific African</i> , 2019 , 3, e00068	1.7	2
586	Progress in research and applications of cassava flour and starch: a review. <i>Journal of Food Science and Technology</i> , 2019 , 56, 2799-2813	3.3	33
585	Effect of leakage delay on finite time boundedness of impulsive high-order neutral delay generalized neural networks. <i>Neurocomputing</i> , 2019 , 347, 34-45	5.4	6
584	Bi-level multi-objective evolution of a Multi-Layered Echo-State Network Autoencoder for data representations. <i>Neurocomputing</i> , 2019 , 341, 195-211	5.4	11

583	Predicting exchange rate with commodity prices: New evidence from Westerlund and Narayan (2015) estimator with structural breaks and asymmetries. <i>Resources Policy</i> , 2019 , 62, 33-56	7.2	25
582	Effects of Correlated Multivariate FSO Channel on Outage Performance of Space-Air-Ground Integrated Network (SAGIN). <i>Wireless Personal Communications</i> , 2019 , 106, 7-25	1.9	6
581	Functional Split Perspectives: A Disruptive Approach to RAN Performance Improvement. <i>Wireless Personal Communications</i> , 2019 , 106, 205-218	1.9	3
580	A new possibilistic classifier for mixed categorical and numerical data based on a bi-module possibilistic estimation and the generalized minimum-based algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 3513-3523	1.6	4
579	Real Time Security Assessment of the Power System Using a Hybrid Support Vector Machine and Multilayer Perceptron Neural Network Algorithms. <i>Sustainability</i> , 2019 , 11, 3586	3.6	13
578	A new hybrid gravitational particle swarm optimisation-ACO with local search mechanism, PSO-GSA-ACO-Ls for TSP. <i>International Journal of Intelligent Engineering Informatics</i> , 2019 , 7, 384	0.3	3
577	Dense Hand-CNN: A Novel CNN Architecture based on Later Fusion of Neural and Wavelet Features for Identity Recognition. <i>International Journal of Advanced Computer Science and Applications</i> , 2019 , 10,	1.7	2
576	TOWARDS AN EFFICIENT TRAFFIC CONGESTION PREDICTION METHOD BASED ON NEURAL NETWORKS AND BIG GPS DATA. <i>IJUM Engineering Journal</i> , 2019 , 20, 108-118	1.2	8
575	UNWEARABLE MULTI-MODAL GESTURES RECOGNITION SYSTEM FOR INTERACTION WITH MOBILE DEVICES IN UNEXPECTED SITUATIONS. <i>IJUM Engineering Journal</i> , 2019 , 20, 142-162	1.2	2
574	Self-coherent optical detection for access and metro networks 2019 ,		1
573	Hybrid DBLSTM-SVM Based Beta-Elliptic-CNN Models for Online Arabic Characters Recognition 2019 ,		10
572	Handwriting Recognition Based on Temporal Order Restored by the End-to-End System 2019 ,		6
571	Handwritten Words and Digits Recognition using Deep Learning Based Bag of Features Framework 2019 ,		1
570	Adversarial Autoencoders for Denoising Digitized Historical Documents: The Use Case of Incunabula 2019 ,		5
569	Deep Bidirectional Long Short-Term Memory for Online Arabic Writer Identification Based on Beta-Elliptic Model 2019 ,		4
568	Distance Measures for Intuitionistic Fuzzy Sets and Interval Valued Intuitionistic Fuzzy Sets 2019 ,		4
567	Convolutional Neural Networks for Online Arabic Characters Recognition with Beta-Elliptic Knowledge Domain 2019 ,		6
566	Finite-time and fixed-time synchronization of a class of inertial neural networks with multi-proportional delays and its application to secure communication. <i>Neurocomputing</i> , 2019 , 332, 29-45	4	84

565	Bidirectional SMF and PF-POF transmission of 400 Gbps Nyquist shaped on DP-QPSK systems. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 256-260	1.2	1
564	A Multi-Agent Architecture for the Design of Hierarchical Interval Type-2 Beta Fuzzy System. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1174-1188	8.3	4
563	. <i>IEEE Access</i> , 2018 , 6, 7066-7081	3.5	3
562	Hierarchical Flexible Beta Fuzzy Design by a Multi-Objective Evolutionary Hybrid Approach. <i>IEEE Access</i> , 2018 , 6, 11544-11558	3.5	1
561	Dynamics and oscillations of generalized high-order Hopfield neural networks with mixed delays. <i>Neurocomputing</i> , 2018 , 321, 274-295	5.4	37
560	Toward an Efficient C-RAN Optical Fronthaul for the Future Networks: A Tutorial on Technologies, Requirements, Challenges, and Solutions. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 708-769	37.1	180
559	Real-time dual-polarization transmission based on hybrid optical wireless communications. <i>Optical Fiber Technology</i> , 2018 , 40, 114-117	2.4	13
558	Handling noise in textual image resolution enhancement using online and offline learned dictionaries. <i>International Journal on Document Analysis and Recognition</i> , 2018 , 21, 137-157	3.8	5
557	A Beta basis function Interval Type-2 Fuzzy Neural Network for time series applications. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 71, 259-274	7.2	31
556	Structural and physicochemical properties of heat moisture treated and citric acid modified acha and iburu starches. <i>Food Hydrocolloids</i> , 2018 , 81, 449-455	10.6	28
555	Wavelet Convolutional Neural Networks for Handwritten Digits Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 305-310	0.4	3
554	Performance Analysis of Space-Air-Ground Integrated Network (SAGIN) Over an Arbitrarily Correlated Multivariate FSO Channel. <i>Wireless Personal Communications</i> , 2018 , 100, 47-66	1.9	9
553	Assessing web sites quality: A systematic literature review by text and association rules mining. <i>International Journal of Information Management</i> , 2018 , 38, 201-216	16.4	40
552	Learning Text Component Features via Convolutional Neural Networks for Scene Text Detection 2018 ,		8
551	Pulmonary hemosiderosis in children with Down syndrome: a national experience. <i>Orphanet Journal of Rare Diseases</i> , 2018 , 13, 60	4.2	25
550	Decision Quality Enhancement in Minimum-Based Possibilistic Classification for Numerical Data. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 634-643	0.4	4
549	Towards a New Generation of Wheelchairs Sensitive to Emotional Behavior of Disabled People. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 169-177	0.4	1
548	Impulsive generalized high-order recurrent neural networks with mixed delays: Stability and periodicity. <i>Neurocomputing</i> , 2018 , 321, 296-307	5.4	19

547	Integrated Autopilot Complex System Proposal for Aircraft Model Application. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 1-9	0.4	
546	A synopsis of anti-psychotic medicinal plants in Nigeria. <i>Transactions of the Royal Society of South Africa</i> , 2018 , 73, 33-41	1	9
545	Ant Supervised by Firefly Algorithm with a Local Search Mechanism, ASFA-2Opt 2018 ,		2
544	Security Assessment of the Smart Grid: A Review focusing on the NAN Architecture 2018 ,		2
543	Information Extraction from Arabic and Latin scanned invoices 2018 ,		3
542	A Two-Stage Fuzzy C-Means Data Placement Strategy for Scientific Cloud Workflows 2018 ,		1
541	Smart Home Appliances Scheduling to Manage Energy Usage 2018 ,		5
540	Enhancement of Deep Architecture using Dropout/ DropConnect Techniques Applied for AHR System 2018 ,		3
539	Flexible Infrastructure for the Development and Integration of Access/Fronthauling Solutions in Future Wireless Systems 2018 ,		3
538	Membrane stabilization and probable mechanisms of hypoglycemic activity of fruit extract of <i>Solanum incanum</i> L. (Solanaceae). <i>Comparative Clinical Pathology</i> , 2018 , 27, 1611-1619	0.9	3
537	Channel characterization and empirical model for ergodic capacity of free-space optical communication link. <i>Optics Communications</i> , 2017 , 390, 123-129	2	20
536	Structural, rheological and in-vitro digestibility properties of composite corn-banana starch custard paste. <i>LWT - Food Science and Technology</i> , 2017 , 79, 84-91	5.4	15
535	PSO-based analysis of Echo State Network parameters for time series forecasting. <i>Applied Soft Computing Journal</i> , 2017 , 55, 211-225	7.5	122
534	A New Data Placement Approach for Scientific Workflows in Cloud Computing Environments. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 330-340	0.4	1
533	Grey Wolf Optimizer for Training Elman Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 380-390	0.4	6
532	Intelligent Hybrid Algorithm for Unsupervised Data Clustering Problem. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 442-455	0.4	2
531	ACO-PSO Optimization for Solving TSP Problem with GPU Acceleration. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 559-569	0.4	
530	Nutrient composition and starch characteristics of eight European potato cultivars cultivated in South Africa. <i>Journal of Food Composition and Analysis</i> , 2017 , 55, 1-11	4.1	20

529	Towards human behavior recognition based on spatio temporal features and support vector machines 2017 ,		2
528	Deep neural network features for horses identity recognition using multiview horses face pattern 2017 ,		6
527	Interacting with mobile devices by fusion eye and hand gestures recognition systems based on decision tree approach 2017 ,		3
526	Icosahedrons microstrip antenna network architecture proposal for new USS telecommunication subsystem. <i>Telecommunication Systems</i> , 2017 , 66, 629-637	2.3	
525	Spatial Interpolated Lookup Tables (LUTs) Models for Ergodic Capacity of MIMO FSO Systems. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 583-586	2.2	18
524	Towards an automatic drowsiness detection system by evaluating the alpha band of EEG signals 2017 ,		2
523	Cluster forest based fuzzy logic for massive data clustering 2017 ,		1
522	A framework of text detection and recognition from natural images for mobile device 2017 ,		2
521	Off-lexicon online Arabic handwriting recognition using neural network 2017 ,		1
520	A hybrid method of natural scene text detection using MSERs masks in HSV space color 2017 ,		2
519	Stability and Exponential Synchronization of High-Order Hopfield Neural Networks with Mixed Delays. <i>Cybernetics and Systems</i> , 2017 , 48, 49-69	1.9	6
518	A new classifier for categorical data based on a possibilistic estimation and a novel generalized minimum-based algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 33, 1723-1731	1.6	6
517	ELECTRE method using interval-valued intuitionistic fuzzy sets and possibility theory for multi-criteria decision making problem resolution 2017 ,		4
516	A beta-fuzzy-near-sets approach to research for visually similar content images 2017 ,		2
515	An in vitro evaluation of the antioxidant and antidiabetic potential of Sutherlandia montana E. Phillips & R.A. Dyer leaf extracts. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017 , 7, 765-772	1.4	10
514	Adaptive fuzzy exponent cluster ensemble system based feature selection and spectral clustering 2017 ,		2
513	New fuzzy similarity measures: From intuitionistic to type-2 fuzzy sets 2017 ,		4
512	In vitro radical scavenging potential and toxicopathological implications of administration of aqueous leaf extract of Eucalyptus obliqua L.Her. (Myrtaceae) in Wistar rats. <i>Comparative Clinical Pathology</i> , 2017 , 26, 1241-1251	0.9	

511	Type-2-fuzzy rule base system based on ECUs communication in a smart city vehicular environment 2017,		3
510	Analysis of multiuser mixed RF/FSO relay networks for performance improvements in Cloud Computing-Based Radio Access Networks (CC-RANs). <i>Optics Communications</i> , 2017 , 402, 653-661	2	22
509	Outage Probability of Multiuser Mixed RF/FSO Relay Schemes for Heterogeneous Cloud Radio Access Networks (H-CRANs). <i>Wireless Personal Communications</i> , 2017 , 95, 27-41	1.9	15
508	Effects of diversity schemes and correlated channels on OWC systems performance. <i>Journal of Modern Optics</i> , 2017 , 64, 2298-2305	1.1	11
507	2017,		5
506	Distributed Recurrent Neural Network Learning via Metropolis-Weights Consensus. <i>Lecture Notes in Computer Science</i> , 2017 , 108-119	0.9	2
505	Enhanced Deep Learning Models for Sentiment Analysis in Arab Social Media. <i>Lecture Notes in Computer Science</i> , 2017 , 667-676	0.9	8
504	Solving the inclination sign ambiguity in three dimensional Polarized Light Imaging with a PDE-based method 2017,		1
503	Content-Based Arabic Speech Similarity Search and Emotion Detection. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 530-539	0.4	2
502	Some Engineering Properties of Composite Corn-Banana Custard Flour. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12444	2.4	5
501	Cluster Forests Based Fuzzy C-Means for Data Clustering. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 564-573	0.4	1
500	Bimodal biometric system for hand shape and palmprint recognition based on SIFT sparse representation. <i>Multimedia Tools and Applications</i> , 2017 , 76, 20457-20482	2.5	22
499	Deep Learning System for Automatic License Plate Detection and Recognition 2017,		43
498	Hierarchical interval type-2 beta fuzzy knowledge representation system for path preference planning 2017,		1
497	ARASTI: A database for Arabic scene text recognition 2017,		5
496	Text Detection Based on MSER and CNN Features 2017,		9
495	Travel user interest discovery from visual shared data in social networks 2017,		1
494	Human gait identity recognition system based on gait pal and pal entropy (GPPE) and distances features fusion 2017,		3

493	A fuzzy ontology driven context classification system using large-scale image recognition based on deep CNN 2017 ,		2
492	Human identity recognition using sparse auto encoder for texture information representation in palmprint images based on voting technique 2017 ,		2
491	Decision trees based on perceptual codes for on-line Arabic character recognition 2017 ,		5
490	Particle swarm optimization for deep learning of convolution neural network 2017 ,		8
489	Deep learning framework based on Word2Vec and CNN for users interests classification 2017 ,		10
488	CNN Based Transfer Learning for Scene Script Identification. <i>Lecture Notes in Computer Science</i> , 2017 , 702-711	0.9	3
487	TYPE-2 FUZZY LOGIC CONTROLLER DESIGN USING A REAL-TIME PSO ALGORITHM APPLIED TO IROBOT CREATE ROBOT. <i>International Journal of Robotics and Automation</i> , 2017 , 32,	1.3	2
486	Edge based Blind Single Image Deblurring with Sparse Priors 2017 ,		2
485	Deep Learning with Sparse Prior - Application to Text Detection in the Wild 2017 ,		2
484	A Survey of Methods and Performances for EEG-Based Emotion Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 164-174	0.4	5
483	Solving the Traveling Salesman Problem Using Ant Colony Metaheuristic, A Review. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 421-430	0.4	1
482	Hybrid Neural Network and Genetic Algorithm for off-Lexicon Online Arabic Handwriting Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 431-441	0.4	4
481	A Modified Naïve Bayes Style Possibilistic Classifier for the Diagnosis of Lymphatic Diseases. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 479-488	0.4	4
480	Understand Me if You Can! Global Soft Biometrics Recognition from Social Visual Data. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 527-538	0.4	4
479	Impact of Ant Size on Ant Supervised by PSO, AS-PSO, Performances. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 567-577	0.4	2
478	Age, Gender, Race and Smile Prediction Based on Social Textual and Visual Data Analyzing. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 206-215	0.4	4
477	A Modified Naïve Possibilistic Classifier for Numerical Data. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 417-426	0.4	5
476	Intelligent Traffic Congestion Prediction System Based on ANN and Decision Tree Using Big GPS Traces. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 478-487	0.4	4

475	Forecasting Using Elman Recurrent Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 488-497	0.4	3
474	H-PSO-LSTM: Hybrid LSTM Trained by PSO for Online Handwriter Identification. <i>Lecture Notes in Computer Science</i> , 2017 , 41-50	0.9	5
473	Morph-CNN: A Morphological Convolutional Neural Network for Image Classification. <i>Lecture Notes in Computer Science</i> , 2017 , 110-117	0.9	6
472	Optimized Echo State Network with Intrinsic Plasticity for EEG-Based Emotion Recognition. <i>Lecture Notes in Computer Science</i> , 2017 , 718-727	0.9	7
471	Smart Drivers Guidance System Based on IoT Technologies for Smart Cities Application. <i>Lecture Notes in Computer Science</i> , 2017 , 531-542	0.9	2
470	Multi Objective Particle Swarm Optimization Based Cooperative Agents with Automated Negotiation. <i>Lecture Notes in Computer Science</i> , 2017 , 269-278	0.9	2
469	Data Fusion Classification Method Based on Multi Agents System. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 863-870	0.4	1
468	Training a Spiking Neural Network to Generate Online Handwriting Movements. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 289-298	0.4	
467	Addressing Context-Awareness in User Interface Software Product Lines (UI-SPL) Approaches. <i>Human-computer Interaction Series</i> , 2017 , 131-152	0.6	1
466	Linguistic Representation by Fuzzy Formal Concept and Interval Type-2 Feature Selection. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 1071-1081	0.4	1
465	Recurrent Flexible Neural Tree Model for Time Series Prediction. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 58-67	0.4	1
464	An Adapted Entity Summarization Service for an Enhancement Video System. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 360-369	0.4	
463	A Spiking Neural Network Model with Fuzzy Learning Rate Application for Complex Handwriting Movements Generation. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 403-412	0.4	1
462	Spread Control for Huge Data Fuzzy Learning. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 588-598	0.4	1
461	Dynamic Multi Objective Particle Swarm Optimization Based on a New Environment Change Detection Strategy. <i>Lecture Notes in Computer Science</i> , 2017 , 258-268	0.9	1
460	Efficient Human Stress Detection System Based on Frontal Alpha Asymmetry. <i>Lecture Notes in Computer Science</i> , 2017 , 858-867	0.9	1
459	Fuzzy reasoning framework to improve semantic video interpretation. <i>Multimedia Tools and Applications</i> , 2016 , 75, 5719-5750	2.5	5
458	In-vitro assay and inactivation kinetics of polyphenol oxidase of some Nigerian banana and plantain cultivars. <i>International Journal of Postharvest Technology and Innovation</i> , 2016 , 5, 200	0.3	

457	Weighted pseudo almost-periodic solutions of shunting inhibitory cellular neural networks with mixed delays. <i>Acta Mathematica Scientia</i> , 2016 , 36, 1662-1682	0.7	35
456	Optical transforms and CGH for SDM systems 2016 ,		2
455	Optical wireless communication for future broadband access networks 2016 ,		16
454	Human activity recognition based on mid-level representations in video surveillance applications 2016 ,		5
453	Entity Extraction and Correction Based on Token Structure Model Generation. <i>Lecture Notes in Computer Science</i> , 2016 , 401-411	0.9	1
452	Pseudo almost periodic solutions of impulsive recurrent neural networks with mixed delays 2016 ,		4
451	Single- and multi-objective particle swarm optimization of reservoir structure in Echo State Network 2016 ,		11
450	Deep neural network for online writer identification using Beta-elliptic model 2016 ,		12
449	Text detection in natural scene images using two masks filtering 2016 ,		5
448	ReLiDSS: Novel lie detection system from speech signal 2016 ,		9
447	Interval valued intuitionistic fuzzy weight techniques for TOPSIS method 2016 ,		3
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421	Ranking criteria based on fuzzy ANP for assessing E-commerce web sites 2016 ,		4
420	Evolutionary hierarchical fuzzy modeling of Interval Type-2 Beta Fuzzy Systems 2016 ,		2
419	MOPSO for dynamic feature selection problem based big data fusion 2016 ,		4
418	Application and comparison of possibility measures applied to multi-criteria decision making method using intuitionistic fuzzy information 2016 ,		1
417	Incremental structural model for extracting relevant tokens of entity 2016 ,		2
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384	Improved secure navigation of wheelchairs using multi-robot system and cloud computing technologies 2015,	1
383	Personal recognition system using hand modality based on local features 2015,	9
382	A static hand gesture recognition system for real time mobile device monitoring 2015,	8
381	Drowsy driver detection by EEG analysis using Fast Fourier Transform 2015,	3
380	A new Hybrid Discrete Bat Algorithm for Traveling Salesman Problem using ordered crossover and 3-Opt operators for Bat's local search 2015,	4
379	Deep neural network with RBF and sparse auto-encoders for numeral recognition 2015,	2
378	2015,	7
377	2015,	3
376	Hand verification system based on multi-features fusion 2015,	4
375	2015,	2
374	Scene text detection images with pyramid image and MSER enhanced 2015,	6
373	A new Motion Estimation technique for Video Coding 2015,	1
372	Improved recurrent neural network architecture for SVM learning 2015,	2
371	Bag of face recognition systems based on holistic approaches 2015,	8
370	Spider's behavior for ant based clustering algorithm 2015,	1
369	Data fusion architectures: A survey and comparison 2015,	5
368	Interlinking video programs with Linked Open Data 2015,	1

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366	Exponential synchronization of high-order recurrent neural networks with mixed delays 2015,		1
365	Tunisian Arabic aeb Wordnet: Current State and Future Extensions 2015,		2
364	A comparative analysis for multi-attribute decision making methods: TOPSIS, AHP, VIKOR using intuitionistic fuzzy sets 2015,		8
363	The impact of criterion weights techniques in TOPSIS method of multi-criteria decision making in crisp and intuitionistic fuzzy domains 2015,		7
362	Novel biometric features fusion method based on possibility theory 2015,		3
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360	A Preliminary Investigation on Horses Recognition Using Facial Texture Features 2015,		15
359	Architecture of Parking Lots Management System for Drivers' Guidance 2015,		6
358	A Hybrid Approach Based on Particle Swarm Optimization for Echo State Network Initialization 2015,		7
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337	Sparse Coding with a Coupled Dictionary Learning Approach for Textual Image Super-resolution 2014 ,		8
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287	Fuzzy modeling system based on hybrid evolutionary approach 2013,	5
286	A Multi-Objective Particle Swarm Optimization approach to robotic grasping 2013,	3
285	A new System for TV program contents improvement using a semantic matching technique 2013,	2
284	The Adaptive Chemotactic Foraging with Differential Evolution algorithm 2013,	4
283	2013,	20
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281	A hierarchical fuzzy controller for a biped robot 2013,	2
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264	Benchmarking dynamic Bayesian network structure learning algorithms 2013 ,		3
263	Intelligent path planning algorithm for autonomous robot based on recurrent neural networks 2013 ,		12
262	An agent-based Knowledge Discovery from Databases applied in healthcare domain 2013 ,		3
261	Diagnosis of Lymphatic Diseases Using a Naive Bayes Style Possibilistic Classifier 2013 ,		8
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239	Toward an assisted context based collaborative annotation 2012,		2
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219	Prototyping a biped robot using an educational robotics kit 2012,		6
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190	Dynamic modeling of a multi-fingered robot hand in free motion 2011 ,		5
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24		21
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22	Handwriting trajectory movements controlled by a Beta-elliptic model	24
21	A new classifier simulator for evaluating parallel combination methods	3
20	Evolutionary approach for the beta function based fuzzy systems	2
19	Integration of manufacturing production and planning based in SOAP system	1
18	Knowledge modelling and multi-agent simulation: application to flood risks	2
17	A hierarchical genetic algorithm for the design of beta basis function neural network	15
16	A comparative study between real and discrete genetic algorithms for the design of beta basis function neural networks	1
15		6
14	Automatic synthesis of neural networks using learning automata	1
13	Design of beta neural systems using differential evolution	2
12	Script and nature differentiation for Arabic and Latin text images	16
11	Recognition of on-line handwritten digits by neural networks using circular and beta approaches	6
10	A developmental theory of the relation between geometry and kinematics in handwriting	3
9	A multi-agent approach for genetic algorithm implementation	9
8	Extraction of Arabic text from multilingual documents	6

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