

Le Hoang Son

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.

181 papers	5,111 citations	44 h-index	60 g-index
189 ext. papers	6,138 ext. citations	3.8 avg, IF	6.96 L-index

#	Paper	IF	Citations
181	Relations and compositions between interval-valued complex fuzzy sets and applications for analysis of customers' online shopping preferences and behavior. <i>Applied Soft Computing Journal</i> , 2022 , 114, 108082	7.5	2
180	Intuitionistic Fuzzy Sets in Large-Scale Software Requirement Prioritization. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2022 , 443-476	0.3	1
179	Detection of tyre defects using weighted quality-based convolutional neural network. <i>Soft Computing</i> , 2022 , 26, 4261-4273	3.5	
178	TS3FCM: trusted safe semi-supervised fuzzy clustering method for data partition with high confidence. <i>Multimedia Tools and Applications</i> , 2022 , 81, 12567	2.5	0
177	Some Problems Related to Reducts of Consistent Incomplete Decision Tables. <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 2022 , 7, 288-298	1	
176	Developments in the detection of diabetic retinopathy: a state-of-the-art review of computer-aided diagnosis and machine learning methods.. <i>Artificial Intelligence Review</i> , 2022 , 1-50	9.7	1
175	A New Hybrid Model of Fuzzy Time Series and Genetic Algorithm Based Machine Learning Algorithm: A Case Study of Forecasting Prices of Nine Types of Major Cryptocurrencies. <i>Big Data Research</i> , 2022 , 28, 100315	3.7	
174	Hybrid Cache Management in Ad Hoc Networks. <i>Wireless Personal Communications</i> , 2021 , 118, 2843-2865.	5.9	3
173	Filter-Wrapper Incremental Algorithms for Finding Reduct in Incomplete Decision Systems When Adding and Deleting an Attribute Set. <i>International Journal of Data Warehousing and Mining</i> , 2021 , 17, 39-62	1	2
172	Fuzzy Guided Autonomous Nursing Robot through Wireless Beacon Network. <i>Multimedia Tools and Applications</i> , 2021 , 1-29	2.5	1
171	Bi-heuristic ant colony optimization-based approaches for traveling salesman problem. <i>Soft Computing</i> , 2021 , 25, 3775-3794	3.5	6
170	Compression based clustering technique for enhancing accuracy in web scale videos. <i>Multimedia Tools and Applications</i> , 2021 , 80, 7077-7101	2.5	2
169	New similarity measures for single-valued neutrosophic sets with applications in pattern recognition and medical diagnosis problems. <i>Complex & Intelligent Systems</i> , 2021 , 7, 703-723	7.1	18
168	Forecasting mortality rates using hybrid Lee-Carter model, artificial neural network and random forest. <i>Complex & Intelligent Systems</i> , 2021 , 7, 163-189	7.1	11
167	A New Design of Mamdani Complex Fuzzy Inference System for Multiattribute Decision Making Problems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 716-730	8.3	19
166	A novel Z-source boost derived hybrid converter for PV applications. <i>Analog Integrated Circuits and Signal Processing</i> , 2021 , 109, 283	1.2	1
165	An Effective Traceback Network Attack Procedure for Source Address Verification. <i>Wireless Personal Communications</i> , 2021 , 118, 1675-1696	1.9	1

164	Compressive sensing based routing and data reconstruction scheme for IoT based WSNs. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 19-35	1.6	1
163	A new method to classify malicious domain name using neutrosophic sets in DGA botnet detection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 4223-4236	1.6	8
162	M-CFIS-R: Mamdani Complex Fuzzy Inference System with Rule Reduction Using Complex Fuzzy Measures in Granular Computing. <i>Mathematics</i> , 2020 , 8, 707	2.3	7
161	ITFDS: Channel-Aware Integrated Time and Frequency-Based Downlink LTE Scheduling in MANET. <i>Sensors</i> , 2020 , 20,	3.8	5
160	. <i>IEEE Access</i> , 2020 , 8, 33342-33351	3.5	12
159	A New Integrated Approach Based on the Iterative Super-Resolution Algorithm and Expectation Maximization for Face Hallucination. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 718	2.6	7
158	Perception, acceptance and willingness of older adults in Malaysia towards online shopping: a study using the UTAUT and IRT models. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 1	3.7	14
157	Semisupervised fuzzy clustering methods for X-ray image segmentation 2020 , 251-289		1
156	Predictive reliability and validity of hospital cost analysis with dynamic neural network and genetic algorithm. <i>Neural Computing and Applications</i> , 2020 , 32, 15237-15248	4.8	7
155	An Effective Congestion Control Scheme for MANET with Relative Traffic Link Matrix Routing. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 6171-6181	2.5	6
154	A Novel Single Valued Neutrosophic Hesitant Fuzzy Time Series Model: Applications in Indonesian and Argentinian Stock Index Forecasting. <i>IEEE Access</i> , 2020 , 8, 60126-60141	3.5	4
153	The Combination of Adaptive Convolutional Neural Network and Bag of Visual Words in Automatic Diagnosis of Third Molar Complications on Dental X-Ray Images. <i>Diagnostics</i> , 2020 , 10,	3.8	6
152	A Novel Dynamic Multi-Criteria Decision Making Method Based on Generalized Dynamic Interval-Valued Neutrosophic Set. <i>Symmetry</i> , 2020 , 12, 618	2.7	6
151	An Extended TOPSIS Method with Unknown Weight Information in Dynamic Neutrosophic Environment. <i>Mathematics</i> , 2020 , 8, 401	2.3	7
150	Colorectal Cancer Diagnosis with Complex Fuzzy Inference System. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 11-20	0.4	3
149	AVRM: adaptive void recovery mechanism to reduce void nodes in wireless sensor networks. <i>Peer-to-Peer Networking and Applications</i> , 2020 , 13, 987-1001	3.1	1
148	Fuzzy Logic based Smart Irrigation System using Internet of Things. <i>Journal of Cleaner Production</i> , 2020 , 252, 119902	10.3	54
147	Influence of multimedia and seating location in academic engagement and grade performance of students. <i>Computer Applications in Engineering Education</i> , 2020 , 28, 268-281	1.6	2

146	Performance evaluation of Botnet DDoS attack detection using machine learning. <i>Evolutionary Intelligence</i> , 2020 , 13, 283-294	1.7	47
145	Prediction of Air Pollution Index in Kuala Lumpur using fuzzy time series and statistical models. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 77-88	5.6	21
144	Analysis of municipal solid waste collection using GIS and multi-criteria decision aid. <i>Applied Geomatics</i> , 2020 , 12, 193-208	2.2	5
143	Representing complex intuitionistic fuzzy set by quaternion numbers and applications to decision making. <i>Applied Soft Computing Journal</i> , 2020 , 87, 105961	7.5	33
142	A study on regular picture fuzzy graph with applications in communication networks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 3633-3645	1.6	7
141	Enhanced certificate revocation scheme with justification facility in mobile ad-hoc networks. <i>Computers and Security</i> , 2020 , 97, 101962	4.9	4
140	New expected impact functions and algorithms for modeling games under soft sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 4463-4472	1.6	1
139	Soft-computing techniques for prediction of soils consolidation coefficient. <i>Catena</i> , 2020 , 195, 104802	5.8	20
138	Recommender Systems Based on Resonance Relationship of Criteria With Choquet Operation. <i>International Journal of Data Warehousing and Mining</i> , 2020 , 16, 44-62	1	1
137	A New Complex Fuzzy Inference System With Fuzzy Knowledge Graph and Extensions in Decision Making. <i>IEEE Access</i> , 2020 , 8, 164899-164921	3.5	16
136	A new fusion of salp swarm with sine cosine for optimization of non-linear functions. <i>Engineering With Computers</i> , 2020 , 36, 185-212	4.5	46
135	Single rate based extended logarithmic multicast congestion control. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 2779-2791	3.7	4
134	Fuzzy minimum spanning tree with interval type 2 fuzzy arc length: formulation and a new genetic algorithm. <i>Soft Computing</i> , 2020 , 24, 3963-3974	3.5	27
133	A novel group decision making model based on neutrosophic sets for heart disease diagnosis. <i>Multimedia Tools and Applications</i> , 2020 , 79, 9977-10002	2.5	31
132	Towards granular calculus of single-valued neutrosophic functions under granular computing. <i>Multimedia Tools and Applications</i> , 2020 , 79, 16845-16881	2.5	21
131	Neutrosophic approach for enhancing quality of signals. <i>Multimedia Tools and Applications</i> , 2020 , 79, 16883-16914	2.5	5
130	A Dual Band Notched Ultra-Wideband Antenna. <i>Wireless Personal Communications</i> , 2020 , 110, 1021-1032	1.9	2
129	Energy efficient optimized rate based congestion control routing in wireless sensor network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 1325-1338	3.7	38

128	Modified zone based intrusion detection system for security enhancement in mobile ad hoc networks. <i>Wireless Networks</i> , 2020 , 26, 1275-1289	2.5	21
127	Novel Incremental Algorithms for Attribute Reduction From Dynamic Decision Tables Using Hybrid FilterWrapper With Fuzzy Partition Distance. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 858-873	8.3	12
126	DRP: Dynamic Routing Protocol in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2020 , 111, 313-329	1.9	12
125	Linear quadratic regulator problem governed by granular neutrosophic fractional differential equations. <i>ISA Transactions</i> , 2020 , 97, 296-316	5.5	25
124	. <i>IEEE Intelligent Systems</i> , 2020 , 35, 6-17	4.2	18
123	On the Stabilizability for a Class of Linear Time-Invariant Systems Under Uncertainty. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 919-960	2.2	14
122	Design a prototype for automated patient diagnosis in wireless sensor networks. <i>Medical and Biological Engineering and Computing</i> , 2019 , 57, 2373-2387	3.1	6
121	Inferring air pollution from air quality index by different geographical areas: case study in India. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 1347-1357	5.6	43
120	Governing mobile Virtual Network Operators in developing countries. <i>Utilities Policy</i> , 2019 , 56, 169-180	3.3	16
119	Adaptive Technique with Cross Correlation for Lowering Signal-to-Noise Ratio Wall in Sensor Networks. <i>Wireless Personal Communications</i> , 2019 , 105, 787-802	1.9	14
118	Reliability and energy efficient workflow scheduling in cloud environment. <i>Cluster Computing</i> , 2019 , 22, 1283-1297	2.1	44
117	Design of a security-aware routing scheme in Mobile Ad-hoc Network using repeated game model. <i>Computer Standards and Interfaces</i> , 2019 , 66, 103358	3.5	26
116	Performance enhanced ripplelet transform based compression method for medical images. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 144, 203-213	4.6	5
115	Novel probabilistic resource migration algorithm for cross-cloud live migration of virtual machines in public cloud. <i>Journal of Supercomputing</i> , 2019 , 75, 5848-5865	2.5	12
114	A Novel and Comprehensive Trust Estimation Clustering Based Approach for Large Scale Wireless Sensor Networks. <i>IEEE Access</i> , 2019 , 7, 58221-58240	3.5	54
113	Development of artificial intelligence models for the prediction of Compression Coefficient of soil: An application of Monte Carlo sensitivity analysis. <i>Science of the Total Environment</i> , 2019 , 679, 172-184	10.2	90
112	A New Approach for Construction of Geodemographic Segmentation Model and Prediction Analysis. <i>Computational Intelligence and Neuroscience</i> , 2019 , 2019, 9252837	3	8
111	Neighbor Knowledge-based Rebroadcast algorithm for minimizing the routing overhead in Mobile Ad-hoc Networks. <i>Ad Hoc Networks</i> , 2019 , 93, 101896	4.8	29

110	Probability-based cluster head selection and fuzzy multipath routing for prolonging lifetime of wireless sensor networks. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 1061-1075	3.1	29
109	An Intelligent IoT-Based Food Quality Monitoring Approach Using Low-Cost Sensors. <i>Symmetry</i> , 2019 , 11, 374	2.7	34
108	Fog removal in images using improved dark channel prior and contrast limited adaptive histogram equalization. <i>Multimedia Tools and Applications</i> , 2019 , 78, 23281-23307	2.5	8
107	A Novel Neutrosophic Data Analytic Hierarchy Process for Multi-Criteria Decision Making Method: A Case Study in Kuala Lumpur Stock Exchange. <i>IEEE Access</i> , 2019 , 7, 53687-53697	3.5	20
106	. <i>IEEE Access</i> , 2019 , 7, 61840-61855	3.5	51
105	A New Algorithm for High Power Node Multicasting in Wireless Sensor Networks. <i>IEEE Access</i> , 2019 , 7, 38584-38592	3.5	12
104	Linguistic Approaches to Interval Complex Neutrosophic Sets in Decision Making. <i>IEEE Access</i> , 2019 , 7, 38902-38917	3.5	25
103	Assessment of Code Smell for Predicting Class Change Proneness Using Machine Learning. <i>IEEE Access</i> , 2019 , 7, 37414-37425	3.5	27
102	Iris localization for direction and deformation independence based on polynomial curve fitting and singleton expansion. <i>Multimedia Tools and Applications</i> , 2019 , 78, 19279-19303	2.5	10
101	Collaborative handshaking approaches between internet of computing and internet of things towards a smart world: a review from 2009-2017. <i>Telecommunication Systems</i> , 2019 , 70, 617-634	2.3	56
100	Neural-fuzzy with representative sets for prediction of student performance. <i>Applied Intelligence</i> , 2019 , 49, 172-187	4.9	45
99	Neutrosophic soft set decision making for stock trending analysis. <i>Evolving Systems</i> , 2019 , 10, 621-627	2.1	28
98	New scheme for underwater acoustically wireless transmission using direct sequence code division multiple access in MIMO systems. <i>Wireless Networks</i> , 2019 , 25, 4541-4553	2.5	19
97	A Hybrid Artificial Intelligence and Internet of Things Model for Generation of Renewable Resource of Energy. <i>IEEE Access</i> , 2019 , 7, 111181-111191	3.5	70
96	Heuristic Search Based Localization in Mobile Computational Grid. <i>IEEE Access</i> , 2019 , 7, 78652-78664	3.5	7
95	IoT Based Heart Activity Monitoring Using Inductive Sensors. <i>Sensors</i> , 2019 , 19,	3.8	21
94	Adaptive convolutional neural network using N-gram for spatial object recognition. <i>Earth Science Informatics</i> , 2019 , 12, 525-540	2.5	7
93	Link-Disjoint Multipath Routing for Network Traffic Overload Handling in Mobile Ad-hoc Networks. <i>IEEE Access</i> , 2019 , 7, 143312-143323	3.5	8

92	Cosine similarity measures of bipolar neutrosophic set for diagnosis of bipolar disorder diseases. <i>Artificial Intelligence in Medicine</i> , 2019 , 101, 101735	7.4	62
91	Decision Making Methods for Evaluation of Efficiency of General Insurance Companies in Malaysia: A Comparative Study. <i>IEEE Access</i> , 2019 , 7, 160637-160649	3.5	1
90	A genetic algorithm for total graph coloring. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 7831-7838	3.6	4
89	Dynamic interval valued neutrosophic set: Modeling decision making in dynamic environments. <i>Computers in Industry</i> , 2019 , 108, 45-52	11.6	25
88	Adaptive Network Based Fuzzy Inference System with Meta-Heuristic Optimizations for International Roughness Index Prediction. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4715	2.6	40
87	Fuzzy and neutrosophic modeling for link prediction in social networks. <i>Evolving Systems</i> , 2019 , 10, 629-634	3.4	17
86	How to prevent maritime border collision for fisheries?-A design of Real-Time Automatic Identification System. <i>Earth Science Informatics</i> , 2019 , 12, 241-252	2.5	17
85	FD-AOMDV: fault-tolerant disjoint ad-hoc on-demand multipath distance vector routing algorithm in mobile ad-hoc networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 4455-4472	3.7	27
84	Neutrosophic image segmentation with Dice Coefficients. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 134, 762-772	4.6	32
83	A novel approach for fuzzy clustering based on neutrosophic association matrix. <i>Computers and Industrial Engineering</i> , 2019 , 127, 687-697	6.4	38
82	Mixed Pixel Decomposition Based on Extended Fuzzy Clustering for Single Spectral Value Remote Sensing Images 2019 , 47, 427-437		23
81	Recognition of surgically altered face images: an empirical analysis on recent advances. <i>Artificial Intelligence Review</i> , 2019 , 52, 1009-1040	9.7	9
80	A new algorithm for finding minimum spanning trees with undirected neutrosophic graphs. <i>Granular Computing</i> , 2019 , 4, 63-69	5.4	27
79	Smart routing for municipal solid waste collection: a heuristic approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 1865-1884	3.7	15
78	A survey of the state-of-the-arts on neutrosophic sets in biomedical diagnoses. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 1-13	3.8	61
77	Enhance Link Prediction in Online Social Networks Using Similarity Metrics, Sampling, and Classification. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 823-833	0.4	3
76	Fuzzy Equivalence on Standard and Rough Neutrosophic Sets and Applications to Clustering Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 834-842	0.4	9
75	Brain signal based human emotion analysis by circular back propagation and Deep Kohonen Neural Networks. <i>Computers and Electrical Engineering</i> , 2018 , 68, 170-180	4.3	38

74	Prediction of shear strength of soft soil using machine learning methods. <i>Catena</i> , 2018 , 166, 181-191	5.8	93
73	Detection of Power Quality Event using Histogram of Oriented Gradients and Support Vector Machine. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 120, 52-75	4.6	50
72	H-max distance measure of intuitionistic fuzzy sets in decision making. <i>Applied Soft Computing Journal</i> , 2018 , 69, 393-425	7.5	68
71	Congestion control in wireless sensor networks by hybrid multi-objective optimization algorithm. <i>Computer Networks</i> , 2018 , 138, 90-107	5.4	78
70	Dynamic structural neural network. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 34, 2479-2490	1.6	48
69	Improving lifetime and network connections of 3D wireless sensor networks based on fuzzy clustering and particle swarm optimization. <i>Wireless Networks</i> , 2018 , 24, 1477-1490	2.5	62
68	Equality of intuitionistic fuzzy sets: a new proximity measure and applications in medical diagnosis. <i>Applied Intelligence</i> , 2018 , 48, 499-525	4.9	40
67	Bitcoin exclusively informational money: a valuable review from 2010 to 2017. <i>Quality and Quantity</i> , 2018 , 52, 2037-2054	2.4	9
66	A neutrosophic recommender system for medical diagnosis based on algebraic neutrosophic measures. <i>Applied Soft Computing Journal</i> , 2018 , 71, 1054-1071	7.5	64
65	Understanding Factors Affecting the Outbreak of Malaria Using Locally-Compensated Ridge Geographically Weighted Regression: Case Study in DakNong, Vietnam 2018 , 166-185		
64	Interval Complex Neutrosophic Set: Formulation and Applications in Decision-Making. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 986-999	3.6	55
63	Segmentation of dental X-ray images in medical imaging using neutrosophic orthogonal matrices. <i>Expert Systems With Applications</i> , 2018 , 91, 434-441	7.8	64
62	SGA: spatial GIS-based genetic algorithm for route optimization of municipal solid waste collection. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27569-27582	5.1	21
61	ARMAMO: An efficient association rule mining algorithm based on animal migration optimization. <i>Knowledge-Based Systems</i> , 2018 , 154, 68-80	7.3	50
60	A Cluster-Based Boosting Algorithm for Bankruptcy Prediction in a Highly Imbalanced Dataset. <i>Symmetry</i> , 2018 , 10, 250	2.7	44
59	Spatial data analysis using association rule mining in distributed environments: a privacy prospect. <i>Spatial Information Research</i> , 2018 , 26, 629-638	1.6	4
58	Medical Diagnosis from Images with Intuitionistic Fuzzy Distance Measures. <i>Lecture Notes in Computer Science</i> , 2018 , 479-490	0.9	1
57	A modified genetic algorithm for performance improvement of transform based image steganography systems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 197-209	1.6	16

56	THEORETICAL ANALYSIS OF PICTURE FUZZY CLUSTERING: CONVERGENCE AND PROPERTY. <i>Journal of Computer Science and Cybernetics</i> , 2018 , 34, 17-32	1	29
55	Link prediction in co-authorship networks based on hybrid content similarity metric. <i>Applied Intelligence</i> , 2018 , 48, 2470-2486	4.9	39
54	Dental diagnosis from X-Ray images: An expert system based on fuzzy computing. <i>Biomedical Signal Processing and Control</i> , 2018 , 39, 64-73	4.9	57
53	New Soft Set Based Class of Linear Algebraic Codes. <i>Symmetry</i> , 2018 , 10, 510	2.7	9
52	New Concepts on Vertex and Edge Coloring of Simple Vague Graphs. <i>Symmetry</i> , 2018 , 10, 373	2.7	15
51	Degree Approximation-Based Fuzzy Partitioning Algorithm and Applications in Wheat Production Prediction. <i>Symmetry</i> , 2018 , 10, 768	2.7	6
50	Diabetic Retinopathy Diagnosis from Retinal Images Using Modified Hopfield Neural Network. <i>Journal of Medical Systems</i> , 2018 , 42, 247	5.1	39
49	APD-JFAD: Accurate Prevention and Detection of Jelly Fish Attack in MANET. <i>IEEE Access</i> , 2018 , 6, 56954-56965	5.5	59
48	Systematic Review of Decision Making Algorithms in Extended Neutrosophic Sets. <i>Symmetry</i> , 2018 , 10, 314	2.7	25
47	Real-time water quality monitoring using Internet of Things in SCADA. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 556	3.1	77
46	Boosting performance of power quality event identification with KL Divergence measure and standard deviation. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 126, 134-142	4.6	32
45	Novel fuzzy clustering scheme for 3D wireless sensor networks. <i>Applied Soft Computing Journal</i> , 2017 , 54, 141-149	7.5	55
44	Dental segmentation from X-ray images using semi-supervised fuzzy clustering with spatial constraints. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 59, 186-195	7.2	54
43	A Novel Clustering Algorithm in a Neutrosophic Recommender System for Medical Diagnosis. <i>Cognitive Computation</i> , 2017 , 9, 526-544	4.4	66
42	Prevalence of early childhood caries and its related risk factors in preschoolers: Result from a cross sectional study in Vietnam. <i>Pediatric Dental Journal</i> , 2017 , 27, 79-84	0.5	11
41	Dental Diagnosis from X-Ray Images using Fuzzy Rule-Based Systems. <i>International Journal of Fuzzy System Applications</i> , 2017 , 6, 1-16	0.6	11
40	Neutrosophic recommender system for medical diagnosis based on algebraic similarity measure and clustering 2017 ,		3
39	Bipolar neutrosophic soft sets and applications in decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 33, 4077-4087	1.6	56

38	Picture inference system: a new fuzzy inference system on picture fuzzy set. <i>Applied Intelligence</i> , 2017 , 46, 652-669	4.9	75
37	Measuring analogousness in picture fuzzy sets: from picture distance measures to picture association measures. <i>Fuzzy Optimization and Decision Making</i> , 2017 , 16, 359-378	5.1	93
36	Tune Up Fuzzy C-Means for Big Data: Some Novel Hybrid Clustering Algorithms Based on Initial Selection and Incremental Clustering. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 1585-1602	3.6	29
35	Some novel hybrid forecast methods based on picture fuzzy clustering for weather nowcasting from satellite image sequences. <i>Applied Intelligence</i> , 2017 , 46, 1-15	4.9	79
34	Soft computing methods for WiMax Network Planning on 3D Geographical Information Systems. <i>Journal of Computer and System Sciences</i> , 2017 , 83, 159-179	1	22
33	Analyzing Trends in Hospital-Cost Payments of Patients Using ARIMA and GIS: Case Study at the Hanoi Medical University Hospital, Vietnam. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 421-429	1.2	8
32	Fuzzy geographically weighted clustering using artificial bee colony: An efficient geo-demographic analysis algorithm and applications to the analysis of crime behavior in population. <i>Applied Intelligence</i> , 2016 , 44, 377-398	4.9	22
31	Picture fuzzy clustering: a new computational intelligence method. <i>Soft Computing</i> , 2016 , 20, 3549-3562	3.5	72
30	Decision Making Based on Fuzzy Aggregation Operators for Medical Diagnosis from Dental X-ray images. <i>Journal of Medical Systems</i> , 2016 , 40, 280	5.1	46
29	A novel automatic picture fuzzy clustering method based on particle swarm optimization and picture composite cardinality. <i>Knowledge-Based Systems</i> , 2016 , 109, 48-60	7.3	78
28	Dealing with the new user cold-start problem in recommender systems: A comparative review. <i>Information Systems</i> , 2016 , 58, 87-104	2.7	110
27	A novel semi-supervised fuzzy clustering method based on interactive fuzzy satisficing for dental x-ray image segmentation. <i>Applied Intelligence</i> , 2016 , 45, 402-428	4.9	51
26	A Novel Multiple Fuzzy Clustering Method Based on Internal Clustering Validation Measures with Gradient Descent. <i>International Journal of Fuzzy Systems</i> , 2016 , 18, 894-903	3.6	28
25	A cooperative semi-supervised fuzzy clustering framework for dental X-ray image segmentation. <i>Expert Systems With Applications</i> , 2016 , 46, 380-393	7.8	78
24	Experimental Analyses of Terrain Factors to Performance of Sensor Placement Optimization in 3D Environments. <i>International Journal of Engineering and Technology</i> , 2016 , 8, 394-400	0	5
23	On the performance evaluation of intuitionistic vector similarity measures for medical diagnosis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 31, 1597-1608	1.6	33
22	A novel energy-balanced unequal fuzzy clustering algorithm for 3D wireless sensor networks 2016 ,		3
21	Modeling municipal solid waste collection: A generalized vehicle routing model with multiple transfer stations, gather sites and inhomogeneous vehicles in time windows. <i>Waste Management</i> , 2016 , 52, 34-49	8.6	87

20	Generalized picture distance measure and applications to picture fuzzy clustering. <i>Applied Soft Computing Journal</i> , 2016 , 46, 284-295	7.5	164
19	Optimization for the sensor placement problem in 3D environments 2015 ,		1
18	HU-FCF++: A novel hybrid method for the new user cold-start problem in recommender systems. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 41, 207-222	7.2	26
17	Intuitionistic fuzzy recommender systems: An effective tool for medical diagnosis. <i>Knowledge-Based Systems</i> , 2015 , 74, 133-150	7.3	78
16	DPFCM: A novel distributed picture fuzzy clustering method on picture fuzzy sets. <i>Expert Systems With Applications</i> , 2015 , 42, 51-66	7.8	117
15	A novel kernel fuzzy clustering algorithm for Geo-Demographic Analysis. <i>Information Sciences</i> , 2015 , 317, 202-223	7.7	27
14	HIFCF: An effective hybrid model between picture fuzzy clustering and intuitionistic fuzzy recommender systems for medical diagnosis. <i>Expert Systems With Applications</i> , 2015 , 42, 3682-3701	7.8	127
13	The existence and uniqueness of fuzzy solutions for hyperbolic partial differential equations. <i>Fuzzy Optimization and Decision Making</i> , 2014 , 13, 435-462	5.1	22
12	Optimizing Municipal Solid Waste collection using Chaotic Particle Swarm Optimization in GIS based environments: A case study at Danang city, Vietnam. <i>Expert Systems With Applications</i> , 2014 , 41, 8062-8074	7.8	53
11	A lossless DEM compression for fast retrieval method using fuzzy clustering and MANFIS neural network. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 29, 33-42	7.2	25
10	HU-FCF: A hybrid user-based fuzzy collaborative filtering method in Recommender Systems. <i>Expert Systems With Applications</i> , 2014 , 41, 6861-6870	7.8	67
9	Enhancing clustering quality of geo-demographic analysis using context fuzzy clustering type-2 and particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2014 , 22, 566-584	7.5	28
8	Spatial interaction modification model and applications to geo-demographic analysis. <i>Knowledge-Based Systems</i> , 2013 , 49, 152-170	7.3	35
7	An application of fuzzy geographically clustering for solving the Cold-Start problem in recommender systems 2013 ,		5
6	A novel intuitionistic fuzzy clustering method for geo-demographic analysis. <i>Expert Systems With Applications</i> , 2012 , 39, 9848-9859	7.8	58
5	Data Mining in GIS: A Novel Context-Based Fuzzy Geographically Weighted Clustering Algorithm. <i>International Journal of Machine Learning and Computing</i> , 2012 , 235-238	1.8	17
4	Some context fuzzy clustering methods for classification problems 2010 ,		10
3	Enhanced Border and Hole Detection for Energy Utilization in Wireless Sensor Networks. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	1

2	A new enhanced cyber security framework for medical cyber physical systems. <i>Software-Intensive Cyber-Physical Systems</i> ,1	1.4	8
1	Water pollution examination through quality analysis of different rivers: a case study in India. <i>Environment, Development and Sustainability</i> ,1	4.5	9