Is there a need for fuzzy logic?

Information Sciences 178, 2751-2779 DOI: 10.1016/j.ins.2008.02.012

Citation Report

#	Article	IF	CITATIONS
1	The structure of decomposable indistinguishability operators. Information Sciences, 2008, 178, 4094-4104.	4.0	4
2	Design and implementation of a fuzzy expert system for performance assessment of an integrated health, safety, environment (HSE) and ergonomics system: The case of a gas refinery. Information Sciences, 2008, 178, 4280-4300.	4.0	114
3	A note on information entropy measures for vague sets and its applications. Information Sciences, 2008, 178, 4184-4191.	4.0	188
4	Toward Human Level Machine Intelligence - Is It Achievable? The Need for a Paradigm Shift. IEEE Computational Intelligence Magazine, 2008, 3, 11-22.	3.4	125
5	Situation-Aware Mobile Service Recommendation with Fuzzy Logic and Semantic Web. , 2009, , .		16
6	FUZZY LINGUISTIC MODELING OF EASE OF DOING BUSINESS INDICATORS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2009, 17, 531-557.	0.9	11
7	Interpretability of Fuzzy Information Granules. Studies in Computational Intelligence, 2009, , 95-118.	0.7	1
8	A decision support system for coating selection based on fuzzy logic and multi-criteria decision making. Expert Systems With Applications, 2009, 36, 10848-10853.	4.4	63
9	Maximal fuzzy maps. Information Sciences, 2009, 179, 130-139.	4.0	1
10	Construction of p-charts using degree of nonconformity. Information Sciences, 2009, 179, 150-160.	4.0	22
11	Development of fuzzy XÂ ⁻ â^1⁄4-Râ^1⁄4 and XÂ ⁻ â^1⁄4-Sâ^1⁄4 control charts using α-cuts. Information Sciences, 2009, 1 1542-1551.	179 4.0	97
12	Simulation of fuzzy random variables. Information Sciences, 2009, 179, 642-653.	4.0	26
13	Reasoning with rough description logics: An approximate concepts approach. Information Sciences, 2009, 179, 600-612.	4.0	37
14	A systematic approach to improve multiple Lyapunov function stability and stabilization conditions for fuzzy systems. Information Sciences, 2009, 179, 1149-1162.	4.0	265
15	Distributivity in lattices of fuzzy subgroupsâ~†. Information Sciences, 2009, 179, 1163-1168.	4.0	13
16	Extracting complex linguistic data summaries from personnel database via simple linguistic aggregations. Information Sciences, 2009, 179, 2325-2332.	4.0	29
17	A fuzzy model to evaluate the suitability of installing an enterprise resource planning system. Information Sciences, 2009, 179, 2333-2341.	4.0	21
18	Defining the Borda count in a linguistic decision making context. Information Sciences, 2009, 179, 2309-2316.	4.0	38

		Report	
#	Article	IF	Citations
19	Types of arcs in a fuzzy graph. Information Sciences, 2009, 179, 1760-1768.	4.0	197
20	A tool for aggregation with words. Information Sciences, 2009, 179, 2317-2324.	4.0	12
21	A hybrid fuzzy-statistical clustering approach for estimating the time of changes in fixed and variable sampling control charts. Information Sciences, 2009, 179, 1769-1784.	4.0	51
22	A linguistic intelligent user guide for method selection in multi-objective decision support systems. Information Sciences, 2009, 179, 2299-2308.	4.0	38
23	A fuzzy analysis of country-size argument for the Feldstein–Horioka puzzle. Information Sciences, 2009, 179, 2754-2761.	4.0	5
24	Maximum entropy membership functions for discrete fuzzy variables. Information Sciences, 2009, 179, 2353-2361.	4.0	12
25	The equivalence of convergences of sequences of fuzzy numbers and its applications to the characterization of compact sets. Information Sciences, 2009, 179, 3018-3025.	4.0	3
26	An approach to multiattribute decision making with interval-valued intuitionistic fuzzy assessments and incomplete weights. Information Sciences, 2009, 179, 3026-3040.	4.0	279
27	Notes on redefined fuzzy implicative filters of lattice implication algebras. Information Sciences, 2009, 179, 3182-3186.	4.0	13
28	Using machine learning in a cooperative hybrid parallel strategy of metaheuristics. Information Sciences, 2009, 179, 3255-3267.	4.0	32
29	The partitioned-layer index: Answering monotone top-k queries using the convex skyline and partitioning-merging technique. Information Sciences, 2009, 179, 3286-3308.	4.0	12
30	A note on the sendograph metric of fuzzy numbers. Information Sciences, 2009, 179, 3410-3417.	4.0	3
31	Algebraic decoding of the (41, 21, 9) Quadratic Residue code. Information Sciences, 2009, 179, 3451-3459.	4.0	21
32	A new family of metrics for compact, convex (fuzzy) sets based on a generalized concept of mid and spread. Information Sciences, 2009, 179, 3964-3972.	4.0	118
33	Approximation of fuzzy context-free grammars. Information Sciences, 2009, 179, 3920-3929.	4.0	2
34	Some constructions of the join of fuzzy subgroups and certain lattices of fuzzy subgroups with sup property. Information Sciences, 2009, 179, 4070-4082.	4.0	8
35	Discrete time credibilistic processes: Construction and convergences. Information Sciences, 2009, 179, 4277-4283.	4.0	4
36	Generalized fuzzy h-bi-ideals and h-quasi-ideals of hemirings. Information Sciences, 2009, 179, 1249-1268.	4.0	39

#	ARTICLE Value-at-Risk-Based Two-Stage Fuzzy Facility Location Problems. IEEE Transactions on Industrial	IF	CITATIONS
37	Informatics, 2009, 5, 465-482.	7.2	74
38	Fuzzy Logic, Soft Computing, and Applications. Lecture Notes in Computer Science, 2009, , 236-244.	1.0	7
39	Adaptive gain fuzzy sliding mode control for the synchronization of nonlinear chaotic gyros. Chaos, 2009, 19, 013125.	1.0	42
40	Modeling User Preferences through Adaptive Fuzzy Profiles. , 2009, , .		9
41	Decision supporting system based on fuzzy default reasoning. , 2009, , .		6
42	A Study on Interpretability Conditions for Fuzzy Rule-Based Classifiers. , 2009, , .		3
43	Damageless Digital Watermarking by Machine Learning: A Method of Key Generation for Information Extraction Using Artificial Neural Networks. , 2009, , .		0
44	Pattern recognition using interval-valued intuitionistic fuzzy set and its similarity degree. , 2009, , .		2
45	Common sense and hard decision analysis: why might they conflict?. Management Decision, 2009, 47, 427-440.	2.2	11
46	A theorical model design for ERP software selection process under the constraints of cost and quality: A fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2010, 21, 365-378.	0.8	31
47	Desulfurization process using Takagi–Sugeno–Kang fuzzy modeling. International Journal of Advanced Manufacturing Technology, 2010, 46, 191-197.	1.5	5
48	A web based consensus support system for group decision making problems and incomplete preferences. Information Sciences, 2010, 180, 4477-4495.	4.0	275
49	Multi-variable fuzzy forecasting based on fuzzy clustering and fuzzy rule interpolation techniques. Information Sciences, 2010, 180, 4772-4783.	4.0	132
50	Interval-valued intuitionistic fuzzy soft sets and their properties. Computers and Mathematics With Applications, 2010, 60, 906-918.	1.4	231
51	A systematic approach to heterogeneous multiattribute group decision making. Computers and Industrial Engineering, 2010, 59, 561-572.	3.4	95
52	Application of Fuzzy Set Theory to Rock Engineering Classification Systems: An Illustration of the Rock Mass Excavability Index. Rock Mechanics and Rock Engineering, 2010, 43, 335-350.	2.6	68
53	Fuzzy h-ideals in h-hemiregular and h-semisimple \$\$Upgamma\$\$ -hemirings. Neural Computing and Applications, 2010, 19, 477-485.	3.2	8
54	Designing knowledge chain networks in China — A proposal for a risk management system using linguistic decision making. Technological Forecasting and Social Change, 2010, 77, 902-915.	6.2	25

#	Article	IF	Citations
55	Granular computing applied to ontologies. International Journal of Approximate Reasoning, 2010, 51, 391-409.	1.9	53
56	On the cognitive process of human problem solving. Cognitive Systems Research, 2010, 11, 81-92.	1.9	233
57	Extending soft sets with description logics. Computers and Mathematics With Applications, 2010, 59, 2087-2096.	1.4	90
58	Development of fuzzy process accuracy index for decision making problems. Information Sciences, 2010, 180, 861-872.	4.0	50
59	Data-driven fuzzy modeling for Takagi–Sugeno–Kang fuzzy system. Information Sciences, 2010, 180, 241-255.	4.0	101
60	Node connectivity and arc connectivity of a fuzzy graph. Information Sciences, 2010, 180, 519-531.	4.0	101
61	On fuzzy rough sets based on tolerance relations. Information Sciences, 2010, 180, 532-542.	4.0	64
62	Fuzzy transforms method and attribute dependency in data analysis. Information Sciences, 2010, 180, 493-505.	4.0	63
63	Structuring ship design project approval mechanism towards installation of operator–system interfaces via fuzzy axiomatic design principles. Information Sciences, 2010, 180, 886-895.	4.0	19
64	Representation theorem for probabilities on IFS-events. Information Sciences, 2010, 180, 793-798.	4.0	31
65	Choquet integrals of weighted intuitionistic fuzzy information. Information Sciences, 2010, 180, 726-736.	4.0	399
67	On interval fuzzy S-implications. Information Sciences, 2010, 180, 1373-1389.	4.0	115
68	On probabilistic n-ary hypergroups. Information Sciences, 2010, 180, 1159-1166.	4.0	23
69	Contrast of a fuzzy relation. Information Sciences, 2010, 180, 1326-1344.	4.0	24
70	Blackwell's Theorem for T-related fuzzy variables. Information Sciences, 2010, 180, 1769-1777.	4.0	11
71	Application of fuzzy calculations for improving portfolio matrices. Information Sciences, 2010, 180, 1582-1590.	4.0	23
72	Fuzzy preference based rough sets. Information Sciences, 2010, 180, 2003-2022.	4.0	128
73	Linear programming method for multiattribute group decision making using IF sets. Information Sciences, 2010, 180, 1591-1609.	4.0	165

#	Article	IF	CITATIONS
74	Linguistic truth-valued lattice-valued propositional logic system â,,"P(X) based on linguistic truth-valued lattice implication algebra. Information Sciences, 2010, 180, 1990-2002.	4.0	20
75	A class of aggregation functions encompassing two-dimensional OWA operators. Information Sciences, 2010, 180, 1977-1989.	4.0	62
76	Investment project valuation based on a fuzzy binomial approach. Information Sciences, 2010, 180, 2124-2133.	4.0	36
77	An inequality related to Minkowski type for Sugeno integrals. Information Sciences, 2010, 180, 2793-2801.	4.0	47
78	Optimal fuzzy control system using the cross-entropy method. A case study of a drilling process. Information Sciences, 2010, 180, 2777-2792.	4.0	64
79	Confluence and termination of fuzzy relations. Information Sciences, 2010, 180, 3288-3303.	4.0	7
80	A general fuzzy-statistical clustering approach for estimating the time of change in variable sampling control charts. Information Sciences, 2010, 180, 3033-3044.	4.0	36
81	Fuzzy transforms of monotone functions with application to image compression. Information Sciences, 2010, 180, 3304-3315.	4.0	88
82	Fuzzy logic based assignable cause diagnosis using control chart patterns. Information Sciences, 2010, 180, 3258-3272.	4.0	19
83	Lipschitzian De Morgan triplets of fuzzy connectives. Information Sciences, 2010, 180, 3488-3496.	4.0	7
84	Some notes on Zadeh's extensions. Information Sciences, 2010, 180, 3806-3813.	4.0	4
85	So near and yet so far: New insight into properties of some well-known classifier paradigms. Information Sciences, 2010, 180, 3381-3401.	4.0	24
86	Fast decision procedure for propositional Dummett logic based on a multiple premise tableau calculus. Information Sciences, 2010, 180, 3633-3646.	4.0	3
87	A revisited approach to linear fuzzy regression using trapezoidal fuzzy intervals. Information Sciences, 2010, 180, 3653-3673.	4.0	53
88	Improving the performance of fuzzy rule-based classification systems with interval-valued fuzzy sets and genetic amplitude tuning. Information Sciences, 2010, 180, 3674-3685.	4.0	106
89	Pseudo-optimal measures. Information Sciences, 2010, 180, 4015-4021.	4.0	17
90	Approximate robotic mapping from sonar data by modeling perceptions with antonyms. Information Sciences, 2010, 180, 4164-4188.	4.0	14
91	Design of robust-optimal output feedback controllers for linear uncertain systems using LMI-based approach and genetic algorithm. Information Sciences, 2010, 180, 4529-4542.	4.0	8

# 92	ARTICLE MIMO adaptive fuzzy terminal sliding-mode controller for robotic manipulators. Information Sciences, 2010, 180, 4641-4660.	IF 4.0	CITATIONS
93	Some information measures for interval-valued intuitionistic fuzzy sets. Information Sciences, 2010, 180, 5130-5145.	4.0	127
94	NALUPES â \in " Natural Language Understanding and Processing Expert System. , 2010, , .		0
95	The Work Ratio – modeling the likelihood of return to work for workers with musculoskeletal disorders: A fuzzy logic approach. Work, 2010, 36, 77-87.	0.6	1
96	LEARNING FUZZY USER PROFILES FOR RESOURCE RECOMMENDATION. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2010, 18, 389-410.	0.9	7
97	Data-driven design of fuzzy classification rules with semantic cointension. , 2010, , .		3
98	Type-2 fuzzy conceptual spaces. , 2010, , .		3
99	An effective approach for measuring the capability of manufacturing processes. Production Planning and Control, 2010, 21, 250-257.	5.8	11
100	Using soft constraints to learn semantic models of descriptions of shapes. , 2010, , .		0
101	A SITUATION-AWARE RESOURCE RECOMMENDER BASED ON FUZZY AND SEMANTIC WEB RULES. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2010, 18, 411-430.	0.9	10
102	A Note on Strong Laws of Large Numbers for Dependent Random Sets and Fuzzy Random Sets. Journal of Inequalities and Applications, 2010, 2010, 1-10.	0.5	1
103	Application of GA-Fuzzy Controller design to Automatic Generation Control. , 2010, , .		4
104	Trust and reputation model for R ² -IBN framework. , 2010, , .		0
105	A new generation of process capability indices. Journal of Applied Statistics, 2010, 37, 77-89.	0.6	27
106	The functional role of cross-frequency coupling. Trends in Cognitive Sciences, 2010, 14, 506-515.	4.0	1,635
107	Fuzzy Multiple Criteria Hierarchical Group Decision-Making Based on Interval Type-2 Fuzzy Sets. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 1120-1128.	3.4	104
108	Recourse-Based Facility-Location Problems in Hybrid Uncertain Environment. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1176-1187.	5.5	35
109	Combining Fuzzy Logic and Semantic Web to Enable Situation-Awareness in Service Recommendation. Lecture Notes in Computer Science, 2010, , 31-45.	1.0	16

#	Article	IF	Citations
110	Investment Project Valuation Based on the Fuzzy Real Options Approach. , 2010, , .		4
111	A Method for Incremental Updating Approximations Based on Variable Precision Set-Valued Ordered Information Systems. , 2010, , .		5
112	A method to build similarity relations into extended Rough Set Theory. , 2010, , .		22
113	Learning to Be a Good Tour-Guide Robot. , 2010, , .		3
114	On fuzzy Semantic Web Services. , 2010, , .		1
115	A competitive learning strategy for adapting fuzzy user profiles. , 2010, , .		3
116	Graduated granulation of spatial information for efficient, effective business activity monitoring. , 2010, , .		2
117	On inference algebra: A formal means for machine reasoning and cognitive computing. , 2011, , .		4
118	Multi-objective design of highly interpretable fuzzy rule-based classifiers with semantic cointension. , 2011, , .		14
119	Self-adaptive fuzzy-timed systems. , 2011, , .		7
120	On Vector and Matrices of Fuzzy Numbers. , 2011, , .		0
121	An Adaptive Hybrid Architecture for Intrusion Detection Based on Fuzzy Clustering and RBF Neural Networks. , 2011, , .		8
122	On Interval Fuzzy Numbers. , 2011, , .		25
123	A hybrid continuity preserving inference strategy to speed up Takagi-Sugeno multiobjective genetic fuzzy systems. , 2011, , .		3
124	Consideration of Fuzzy Components for Prediction of Machining Performance: A Review. Procedia Engineering, 2011, 24, 754-758.	1.2	6
125	A.P.G.: An Intelligent Automatic Generator of Presentations for Tour-Guide Robots. International Journal of Computational Intelligence Systems, 2011, 4, 446-455.	1.6	0
126	Two Heuristic Algorithms for Test Point Selection in Analog Circuit Diagnoses. Metrology and Measurement Systems, 2011, 18, 115-128.	1.4	16
127	Fuzzy Logic Modeling For Peripheral End Milling Process. IOP Conference Series: Materials Science and Engineering, 2011, 17, 012050.	0.3	4

#	Article	IF	CITATIONS
128	Fuzzy/Bayesian change point detection approach to incipient fault detection. IET Control Theory and Applications, 2011, 5, 539-551.	1.2	19
129	Analytic Hierarchy Process (AHP) in Group Decision Making and its Optimization With an Allocation of Information Granularity. IEEE Transactions on Fuzzy Systems, 2011, 19, 527-539.	6.5	233
130	Bipolar fuzzy graphs. Information Sciences, 2011, 181, 5548-5564.	4.0	287
131	A fuzzy real option approach for investment project valuation. Expert Systems With Applications, 2011, 38, 15296-15302.	4.4	62
132	The use of possibility theory in the definition of fuzzy Pareto-optimality. Fuzzy Optimization and Decision Making, 2011, 10, 11-30.	3.4	6
133	On fuzzy h-ideals in \$\$Upgamma\$\$ -hemirings. Neural Computing and Applications, 2011, 20, 495-505.	3.2	2
134	Development of a fuzzy logic traffic system for isolated signalized intersections in the State of Kuwait. Expert Systems With Applications, 2011, 38, 9434-9441.	4.4	28
135	RFuzzy: Syntax, semantics and implementation details of a simple and expressive fuzzy tool over Prolog. Information Sciences, 2011, 181, 1951-1970.	4.0	23
136	Matching twigs in fuzzy XML. Information Sciences, 2011, 181, 184-200.	4.0	24
137	Simulation of the bird age-structured population growth based on an interval type-2 fuzzy cellular structure. Information Sciences, 2011, 181, 519-535.	4.0	92
138	Minimizing a linear objective function under a fuzzy max-t norm relation equation constraint. Information Sciences, 2011, 181, 832-841.	4.0	41
139	On the robustness of Type-1 and Interval Type-2 fuzzy logic systems in modeling. Information Sciences, 2011, 181, 1325-1347.	4.0	100
140	States on finite monoidal t-norm based algebrasâ~†. Information Sciences, 2011, 181, 1369-1383.	4.0	15
141	On averaging operators for Atanassov's intuitionistic fuzzy sets. Information Sciences, 2011, 181, 1116-1124.	4.0	253
142	On fuzzifications of discrete dynamical systems. Information Sciences, 2011, 181, 2858-2872.	4.0	41
143	Interval additive generators of interval t-norms and interval t-conorms. Information Sciences, 2011, 181, 3898-3916.	4.0	83
144	Robustness of interval-valued fuzzy inference. Information Sciences, 2011, 181, 4754-4764.	4.0	37
146	Science mapping software tools: Review, analysis, and cooperative study among tools. Journal of the Association for Information Science and Technology. 2011. 62. 1382-1402.	2.6	1,536

ARTICLE IF CITATIONS # Aggregation functions: Means. Information Sciences, 2011, 181, 1-22. 4.0 217 147 On possible and necessary inclusion of intuitionistic fuzzy sets. Information Sciences, 2011, 181, 148 4.0 342-350. 149 The inclusion–exclusion principle for IF-events. Information Sciences, 2011, 181, 536-546. 4.0 8 A fuzzy control system with application to production planning problems. Information Sciences, 2011, 181, 1018-1027. Systemic approach to fuzzy logic formalization for approximate reasoning. Information Sciences, 2011, 151 4.0 45 181, 1045-1059. On the fusion of imprecise uncertainty measures using belief structures. Information Sciences, 2011, 4.0 181, 3199-3209. Design of fuzzy rule-based classifiers with semantic cointension. Information Sciences, 2011, 181, 153 4.0 30 4361-4377. On fuzzy relational equations and the covering problem. Information Sciences, 2011, 181, 2951-2963. 154 4.0 80 155 Hierarchical type-2 neuro-fuzzy BSP model. Information Sciences, 2011, 181, 3210-3224. 4.0 9 A hierarchical model of a linguistic variable. Information Sciences, 2011, 181, 4394-4408. Two neuro-fuzzy control schemes for a traffic-regulating buffer in wireless technology. Information 157 0 4.0Sciences, 2011, 181, 3476-3490. Satellite image segmentation with Shadowed C-Means. Information Sciences, 2011, 181, 3601-3613. 158 Some properties of weak uninorms. Information Sciences, 2011, 181, 3917-3924. 159 4.0 4 Constructing probabilistic graphical model from predicate formulas for fusing logical and 4.0 probabilistic knowledge. Information Sciences, 2011, 181, 3828-3845. Risk evaluation through decision-support architectures in threat assessment and countering 161 4.1 6 terrorism. Applied Soft Computing Journal, 2011, 11, 621-631. Interpretability assessment of fuzzy knowledge bases: A cointension based approach. International 1.9 79 Journal of Approximate Reasoning, 2011, 52, 501-518. An approach for detecting, quantifying, and visualizing the evolution of a research field: A practical 163 1.4 1,226 application to the Fuzzy Sets Theory field. Journal of Informetrics, 2011, 5, 146-166. 164 Extending fuzzy soft sets with fuzzy description logics. Knowledge-Based Systems, 2011, 24, 1096-1107.

#	Article	IF	CITATIONS
165	The GOWA operator based approach to multiattribute decision making using intuitionistic fuzzy sets. Mathematical and Computer Modelling, 2011, 53, 1182-1196.	2.0	130
166	FRIEND: A human-aware BDI agent architecture. , 2011, , .		5
167	A linear programming method for interval-valued intuitionistic fuzzy multiattribute group decision making. , 2011, , .		2
168	Building models based on environment with hybrid uncertainty. , 2011, , .		2
169	Analytical solution for symmetrical OWA operator determination with given medianness level. , 2011, ,		0
170	Application of using SCEP model for distributed scheduling with shared resources in hospital system. , 2011, , .		2
171	A distributed, semiotic-inductive, and human-oriented approach to web-scale knowledge retrieval. , 2012, , .		16
172	DECISION THEORY WITH IMPRECISE PROBABILITIES. International Journal of Information Technology and Decision Making, 2012, 11, 271-306.	2.3	34
173	Automatic Laser Pointer Detection Algorithm for Environment Control Device Systems Based on Template Matching and Genetic Tuning of Fuzzy Rule-Based Systems. International Journal of Computational Intelligence Systems, 2012, 5, 368-386.	1.6	8
174	Computational intelligence in software cost estimation. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2012, 37, 1-7.	0.5	14
175	Development of a Fuzzy System Model for Candidate-well Selection for Hydraulic Fracturing in a Carbonate Reservoir. , 2012, , .		16
176	A new view of fuzzy k-ideals of hemirings. Journal of Intelligent and Fuzzy Systems, 2012, 23, 169-176.	0.8	14
177	A fuzzy incremental clustering approach to hybrid data discovery. Acta Electrotechnica Et Informatica, 2012, 12, .	0.3	4
178	Trapezoidal fuzzy DEMATEL method to analyze and correct for relations between variables in a composite indicator for disaster resilience. OR Spectrum, 2012, 34, 971-995.	2.1	41
179	A hybrid support vector machine and fuzzy reasoning based fault diagnosis and rescue system for stable glutamate fermentation. Chemical Engineering Research and Design, 2012, 90, 1197-1207.	2.7	19
180	Case Study: COSMIC Approximate Sizing Approach without Using Historical Data. , 2012, , .		6
181	X-ray image enhancement based on fuzzy sure entropy in LabVIEW. , 2012, , .		3
182	INTEGRATED FUZZY MULTIPLE CRITERIA DECISION MAKING MODEL FOR ARCHITECT SELECTION / INTEGRUOTAS NERAIÅKUSIS DAUGIATIKSLIS SPRENDIMÅ ² PRIÄ–MIMO MODELIS ARCHITEKTUI ATRINKTI. Technological and Economic Development of Economy, 2012, 17, 645-666.	2.3	217

	CITATION	Report	
#	Article	IF	Citations
183	Optimal control for stochastic linear quadratic singular Takagi–Sugeno fuzzy delay system using genetic programming. Applied Soft Computing Journal, 2012, 12, 2085-2090.	4.1	15
184	Simulation and evaluation of fuzzy differential equations by fuzzy neural network. Applied Soft Computing Journal, 2012, 12, 2817-2827.	4.1	25
185	Multi-attribute Group Decision Making under Interval-valued Intuitionistic Fuzzy Environment. Zidonghua Xuebao/Acta Automatica Sinica, 2012, 38, 220-227.	1.5	14
186	Indirect adaptive fuzzy controller design for vertical direct-driven servo system. , 2012, , .		0
187	Machine learning and software engineering in health informatics. , 2012, , .		17
188	Leanness evaluation using IF–THEN rules. International Journal of Advanced Manufacturing Technology, 2012, 63, 407-413.	1.5	35
189	A Novel Approach for Combat Vehicle Mobility Definition and Assessment. , 0, , .		2
190	Detection and Elimination of a Potential Fire in Engine and Battery Compartments of Hybrid Electric Vehicles. Advances in Fuzzy Systems, 2012, 2012, 1-11.	0.6	9
191	Operational optimisation of water supply networks using a fuzzy system. Water S A, 2012, 38, .	0.2	15
192	Inference Algebra (IA). International Journal of Cognitive Informatics and Natural Intelligence, 2012, 6, 21-47.	0.4	48
193	Reading Comprehension of Different Genres: A Fuzzy Approach. International Journal of English Linguistics, 2012, 2, .	0.1	0
194	<scp>SciMAT</scp> : A new science mapping analysis software tool. Journal of the Association for Information Science and Technology, 2012, 63, 1609-1630.	2.6	692
195	Some properties of equivalence soft set relations. Computers and Mathematics With Applications, 2012, 63, 1079-1088.	1.4	38
196	Modeling fuzzy information in UML class diagrams and object-oriented database models. Fuzzy Sets and Systems, 2012, 186, 26-46.	1.6	29
197	A hybrid modified PSO approach to VaR-based facility location problems with variable capacity in fuzzy random uncertainty. Information Sciences, 2012, 192, 3-18.	4.0	79
198	A non-functional requirements tradeoff model in Trustworthy Software. Information Sciences, 2012, 191, 61-75.	4.0	34
199	A diversity-driven structure learning algorithm for building hierarchical neuro-fuzzy classifiers. Information Sciences, 2012, 186, 40-58.	4.0	15
200	The relationship between similarity measure and entropy of intuitionistic fuzzy sets. Information Sciences, 2012, 188, 314-321.	4.0	93

#	Article	IF	CITATIONS
201	The Henstock–Stieltjes integral for fuzzy-number-valued functions. Information Sciences, 2012, 188, 276-297.	4.0	16
202	Fuzzy logic-based generalized decision theory with imperfect information. Information Sciences, 2012, 189, 18-42.	4.0	76
203	Selection of Socially Responsible Portfolios using Goal Programming and fuzzy technology. Information Sciences, 2012, 189, 110-125.	4.0	71
204	Models to determine parameterized ordered weighted averaging operators using optimization criteria. Information Sciences, 2012, 190, 27-55.	4.0	37
205	Nondeterministic fuzzy automata. Information Sciences, 2012, 191, 86-97.	4.0	34
206	Goal programming approaches to deriving interval weights based on interval fuzzy preference relations. Information Sciences, 2012, 193, 180-198.	4.0	113
207	A path enumeration approach for the analysis of critical activities in fuzzy networks. Information Sciences, 2012, 204, 23-35.	4.0	11
208	Genetic optimization of modular neural networks with fuzzy response integration for human recognition. Information Sciences, 2012, 197, 1-19.	4.0	110
209	The more-for-less paradox in fuzzy posynomial geometric programming. Information Sciences, 2012, 211, 81-92.	4.0	13
210	Rough sets in the Soft Computing environment. Information Sciences, 2012, 212, 1-14.	4.0	44
211	Supply chain partners and configuration selection: An intuitionistic fuzzy Choquet integral operator based approach. Expert Systems With Applications, 2012, 39, 3642-3649.	4.4	52
212	Measuring entrepreneurship: Expert-based vs. data-based methodologies. Expert Systems With Applications, 2012, 39, 4063-4074.	4.4	34
213	Assessing airborne transmission of foot and mouth disease using fuzzy logic. Expert Systems With Applications, 2012, 39, 5071-5077.	4.4	13
214	Fuzzy inference systems: An integrated modeling environment for collaboration between expert knowledge and data using FisPro. Expert Systems With Applications, 2012, 39, 8744-8755.	4.4	77
215	Application of fuzzy VIKOR and environmental impact analysis for material selection of an automotive component. Materials & Design, 2012, 37, 478-486.	5.1	195
216	Analyzing consumer acceptance of photovoltaics (PV) using fuzzy logic model. Renewable Energy, 2012, 41, 350-357.	4.3	121
217	Class-dependent rough-fuzzy granular space, dispersion index and classification. Pattern Recognition, 2012, 45, 2690-2707.	5.1	66
218	Aggregation for Atanassov's Intuitionistic and Interval Valued Fuzzy Sets: The Median Operator. IEEE Transactions on Fuzzy Systems, 2012, 20, 487-498.	6.5	62

#	Article	IF	CITATIONS
219	Hybrid laser pointer detection algorithm based on template matching and fuzzy rule-based systems for domotic control inÂrealÂhome environments. Applied Intelligence, 2012, 36, 407-423.	3.3	14
220	Fuzzy colored time Petri net and termination analysis for fuzzy Event-Condition-Action rules. Information Sciences, 2013, 232, 225-240.	4.0	8
221	Fuzzy automated visual broken edge detection. International Journal of Advanced Manufacturing Technology, 2013, 67, 1113-1125.	1.5	2
222	A dynamic programming approach to missing data estimation using neural networks. Information Sciences, 2013, 237, 49-58.	4.0	60
223	An extensible six-step methodology to automatically generate fuzzy DSSs for diagnostic applications. BMC Bioinformatics, 2013, 14, S4.	1.2	10
224	The multi-attribute decision making method based on interval-valued intuitionistic fuzzy Einstein hybrid weighted geometric operator. Computers and Mathematics With Applications, 2013, 66, 1845-1856.	1.4	69
225	The Membership Function and Its Measurement. Studies in Fuzziness and Soft Computing, 2013, , 47-50.	0.6	0
226	A New Linguistic Variable in Interval Type-2 Fuzzy Entropy Weight of a Decision Making Method. Procedia Computer Science, 2013, 24, 42-53.	1.2	21
227	Intuitionistic fuzzy hypergraphs with applications. Information Sciences, 2013, 218, 182-193.	4.0	160
228	Integrated Watershed Management with Multiobjective Land-Use Optimizations under Uncertainty. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 239-245.	0.6	14
229	A granular neural network: Performance analysis and application to re-granulation. International Journal of Approximate Reasoning, 2013, 54, 1149-1167.	1.9	16
230	Determinants of grain shippers' and importers' freight transport choice behaviour. Production Planning and Control, 2013, 24, 575-588.	5.8	12
231	Determining topological relationship of fuzzy spatiotemporal data integrated with XML twig pattern. Applied Intelligence, 2013, 39, 75-100.	3.3	33
232	Approximation based fuzzy multi-objective models with expected objectives and chance constraints: Application to earth-rock work allocation. Information Sciences, 2013, 238, 75-95.	4.0	110
233	Strongest Strong Cycles and \$heta\$-Fuzzy Graphs. IEEE Transactions on Fuzzy Systems, 2013, 21, 1096-1104.	6.5	38
234	Linear Programming Modeling for Solving Fuzzy Zero-Sum Games. , 2013, , .		1
235	A cooperative spectrum sensing scheme using adaptive fuzzy system for cognitive radio networks. Information Sciences, 2013, 220, 102-109.	4.0	5
236	Long-term business cycle forecasting through a potential intuitionistic fuzzy least-squares support vector regression approach. Information Sciences, 2013, 224, 37-48.	4.0	39

#	Article	IF	CITATIONS
237	Intuitionistic fuzzy-valued Choquet integral and its application in multicriteria decision making. Information Sciences, 2013, 222, 509-527.	4.0	69
238	Fuzzy adaptive synchronization of time-reversed chaotic systems via a new adaptive control strategy. Information Sciences, 2013, 222, 486-500.	4.0	21
239	Fuzzy machine vision based clip detection. Expert Systems, 2013, 30, 352-366.	2.9	2
240	On the existence of states on MTL-algebras. Information Sciences, 2013, 220, 559-567.	4.0	23
241	Fast window fusion using fuzzy equivalence relation. Pattern Recognition Letters, 2013, 34, 670-677.	2.6	1
242	Some properties of infinite fuzzy relational equations with sup–inf composition. Information Sciences, 2013, 252, 32-41.	4.0	8
243	Complete solution sets of inf-→ interval-valued fuzzy relation equations. Information Sciences, 2013, 219, 111-123.	4.0	5
244	Menger's theorem for fuzzy graphs. Information Sciences, 2013, 222, 717-726.	4.0	14
245	A qualified description of extended fuzzy logic. Information Sciences, 2013, 244, 60-74.	4.0	37
246	Neuro-Fuzzy approach to video transmission over ZigBee. Neurocomputing, 2013, 104, 127-137.	3.5	8
247	An intuitionistic fuzzy Choquet integral operator based methodology for environmental criteria integrated supplier evaluation process. International Journal of Environmental Science and Technology, 2013, 10, 423-432.	1.8	22
248	From system cost minimization to sustainability maximization—A new fuzzy program approach to energy systems analysis. Fuzzy Sets and Systems, 2013, 231, 1-25.	1.6	9
249	A novel fuzzy Dempster–Shafer inference system for brain MRI segmentation. Information Sciences, 2013, 223, 205-220.	4.0	38
250	A proposal of a fuzzy rule-based system for the analysis of health and health environments in Brazil. Ecological Indicators, 2013, 34, 7-14.	2.6	11
251	Fuzzy neural network for solving a system of fuzzy differential equations. Applied Soft Computing Journal, 2013, 13, 3597-3607.	4.1	30
252	Type-2 Fuzzy Sets and Conceptual Spaces. Studies in Fuzziness and Soft Computing, 2013, , 113-129.	0.6	1
253	Supplier segmentation using fuzzy logic. Industrial Marketing Management, 2013, 42, 507-517.	3.7	62
254	An algorithm for solving optimization problems with fuzzy relational inequality constraints. Information Sciences, 2013, 252, 20-31.	4.0	63

# 255	ARTICLE A review on lithium-ion battery ageing mechanisms and estimations for automotive applications. Journal of Power Sources, 2013, 241, 680-689.	IF 4.0	Citations
256	Bipolar fuzzy graphs with applications. Knowledge-Based Systems, 2013, 39, 1-8.	4.0	129
257	Optimized adaptive neuro-fuzzy inference system for pH control. , 2013, , .		1
258	EMPIRICAL INSIGHTS ON UNDERSTANDING STAKEHOLDER INFLUENCE. Journal of Business Economics and Management, 2013, 16, 845-860.	1.1	13
259	Real-Life Applications of Fuzzy Logic. Advances in Fuzzy Systems, 2013, 2013, 1-3.	0.6	120
260	The assessment of cash flow forecasting. Kybernetes, 2013, 42, 720-735.	1.2	7
261	Prediction of Surface Roughness in the End Milling Machining Using Fuzzy Rule-Based. Applied Mechanics and Materials, 2013, 421, 244-249.	0.2	1
262	A system based on interval fuzzy approach to predict the appearance of pests in agriculture. , 2013, , .		12
263	Sustainability evaluation using fuzzy inference methods. International Journal of Sustainable Energy, 2013, 32, 169-185.	1.3	32
264	Beyond the frontiers of neuronal types. Frontiers in Neural Circuits, 2013, 7, 13.	1.4	47
265	Falling fuzzy (implicative) filters of RO-algebras and its applications. Journal of Intelligent and Fuzzy Systems, 2013, 24, 611-618.	0.8	9
266	An Analysis Regarding the Possibility of Using Fuzzy Logic in Inventory Management. ACTA Universitatis Cibiniensis, 2014, 64, 76-81.	0.1	0
267	2-Layered Architecture of Vague Logic Based Multilevel Queue Scheduler. Applied Computational Intelligence and Soft Computing, 2014, 2014, 1-12.	1.6	4
268	Residual Generator Fuzzy Identification for Wind TurbineBenchmark Fault Diagnosis. Machines, 2014, 2, 275-298.	1.2	9
269	Managing home care with loose goals and policies. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 489-506.	0.8	0
270	COSMIC Approximate Sizing Using a Fuzzy Logic Approach: A Quantitative Case Study with Industry Data. , 2014, , .		4
271	Estimating the drift time for processes subject to linear trend disturbance using fuzzy statistical clustering. International Journal of Production Research, 2014, 52, 3317-3330.	4.9	11
272	Implicative and positive implicative prefilters of EQ-algebras. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2087-2097.	0.8	26

#	Article	IF	CITATIONS
273	Mapping Relational Efficiency in Neuro-Fuzzy Hybrid Cost Models. , 2014, , .		3
274	Fuzzy group decision-making with generalized probabilistic OWA operators. Journal of Intelligent and Fuzzy Systems, 2014, 27, 783-792.	0.8	12
275	Genetic Optimization based Adaptive Fuzzy Logic Control of a pH Neutralization Process. International Journal of Control and Automation, 2014, 7, 233-248.	0.3	0
276	A Fuzzy Approach Using Generalized Dinkelbach's Algorithm for Multiobjective Linear Fractional Transportation Problem. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	8
277	Design and implementation of fuzzy based robust controller for process control instrumentation. , 2014, , .		0
278	Data analysis technique to extract threshold value for Fuzzy Inference System in classifying malicious agents. , 2014, , .		0
279	Probabilistic Bow-Tie Model to Predict Failure Probability of Oil and Gas Pipelines. , 2014, , .		1
280	Cross-sectoral comparison of concessions in transport. Built Environment Project and Asset Management, 2014, 4, 22-39.	0.9	5
281	Differential evolution based optimal fuzzy logic control of pH neutralization process. , 2014, , .		2
282	Automatic Mapping between Gameplay and Aesthetics RPG Character Attributes through Fuzzy System. , 2014, , .		3
283	A fuzzy ERM for extracting and modeling uncertain spatial expressions in text. , 2014, , .		1
284	AN APPROACH TO MULTIPLE ATTRIBUTE DECISION MAKING BASED ON THE INDUCED CHOQUET INTEGRAL WITH FUZZY NUMBER INTUITIONISTIC FUZZY INFORMATION. Journal of Business Economics and Management, 2014, 15, 277-298.	1.1	41
285	Granular computing with multiple granular layers for brain big data processing. Brain Informatics, 2014, 1, 1-10.	1.8	20
287	Dynamic Clustering of Gene Expression Data Using a Fuzzy Approach. , 2014, , .		2
288	The reliability of Big Data. , 2014, , .		3
289	Clustering within the Framework of Hesitant Fuzzy Sets. Applied Mechanics and Materials, 2014, 668-669, 1143-1146.	0.2	0
290	The Design and Implement of AIS Simulator. Applied Mechanics and Materials, 2014, 668-669, 588-591.	0.2	0
292	Stability analysis and controller design of interval type-2 fuzzy systems with time delay. International Journal of Systems Science, 2014, 45, 977-993.	3.7	46

# 293	ARTICLE Set-based granular computing: A lattice model. International Journal of Approximate Reasoning, 2014, 55, 834-852.	IF 1.9	Citations
294	Decision-theoretic three-way approximations of fuzzy sets. Information Sciences, 2014, 279, 702-715.	4.0	185
295	Rejoinder on "A distance-based statistical analysis of fuzzy number-valued data― International Journal of Approximate Reasoning, 2014, 55, 1601-1605.	1.9	21
296	Type-2 interval fuzzy rule-based systems in spatial analysis. Information Sciences, 2014, 279, 199-212.	4.0	11
297	Reduction of fuzzy automata by means of fuzzy quasi-orders. Information Sciences, 2014, 275, 168-198.	4.0	28
298	Compound Linguistic Scale. Applied Soft Computing Journal, 2014, 21, 38-56.	4.1	10
299	The assessment of local sustainability using fuzzy logic: An expert opinion system to evaluate environmental sanitation in the Algarve region, Portugal. Ecological Indicators, 2014, 36, 711-718.	2.6	22
300	Hierarchical description of uncertain information. Information Sciences, 2014, 268, 133-146.	4.0	13
301	Function Set-Valued Information Systems. Advances in Intelligent Systems and Computing, 2014, , 1-9.	0.5	2
302	A unified algorithm for finding \$\$k\$\$ k -IESFs in linguistic truth-valued lattice-valued propositional logic. Soft Computing, 2014, 18, 2135-2147.	2.1	3
303	A fuzzy based decision model for nontraditional machining process selection. International Journal of Advanced Manufacturing Technology, 2014, 70, 2275-2282.	1.5	31
304	Fuzzy description of air quality using fuzzy inference system with degree of match via computing with words: a case study. Air Quality, Atmosphere and Health, 2014, 7, 325-334.	1.5	15
305	Fuzzy control for the process of heat removal during the composting of agricultural waste. Journal of Material Cycles and Waste Management, 2014, 16, 291-297.	1.6	13
306	An interactive possibilistic programming approach for a multi-objective closed-loop supply chain network under uncertainty. International Journal of Systems Science, 2014, 45, 283-299.	3.7	30
307	Enhanced porcine circovirus Cap protein production by Pichia pastoris with a fuzzy logic DO control based methanol/sorbitol co-feeding induction strategy. Journal of Biotechnology, 2014, 177, 35-44.	1.9	12
308	Pragmatical adaptive synchronization – New fuzzy model of two different and complex chaotic systems by new adaptive control. Information Sciences, 2014, 277, 458-480.	4.0	10
309	Kinect-enabled home-based rehabilitation system using Dynamic Time Warping and fuzzy logic. Applied Soft Computing Journal, 2014, 22, 652-666.	4.1	120
310	TOPSIS-Based Consensus Model for Group Decision-Making With Incomplete Interval Fuzzy Preference Relations. IEEE Transactions on Cybernetics, 2014, 44, 1283-1294.	6.2	71

#	Article	IF	CITATIONS
311	A probability-based path planning method using fuzzy logic. , 2014, , .		4
312	Medical procedure breaches detection using a fuzzy clustering approach. Open Computer Science, 2014, 4, .	1.3	0
313	A database driven memetic algorithm for fuzzy set optimization. , 2014, , .		0
314	Unity power factor Converter based on a Fuzzy controller and Predictive Input Current. ISA Transactions, 2014, 53, 1817-1821.	3.1	20
315	Effect of tunnel technological systems on evacuation time. Tunnelling and Underground Space Technology, 2014, 44, 88-96.	3.0	8
316	Computational intelligence in control. Annual Reviews in Control, 2014, 38, 233-242.	4.4	16
317	A fuzzy logic model for forecasting exchange rates. Knowledge-Based Systems, 2014, 67, 49-60.	4.0	34
318	Optimal control for stochastic linear quadratic singular neuro Takagi–Sugeno fuzzy system with singular cost using genetic programming. Applied Soft Computing Journal, 2014, 24, 1136-1144.	4.1	10
319	Context-Aware Fuzzy Databases. Applied Soft Computing Journal, 2014, 25, 215-233.	4.1	17
320	Fuzzy logic and self-referential reasoning: a comparative study with some new concepts. Artificial Intelligence Review, 2014, 41, 331-357.	9.7	1
321	Efficiency classification by hybrid Bayesian networks—The dynamic multidimensional models. Applied Soft Computing Journal, 2014, 24, 842-850.	4.1	2
322	Stability Analysis and Controller Design of Discrete Interval Typeâ€⊋ Fuzzy Systems. Asian Journal of Control, 2014, 16, 1091-1104.	1.9	11
323	Mission aware energy efficiency in stationary combat vehicles. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1108-1117.	2.6	1
324	Family violence: Fathers assessing and managing their risk to children and women. Children and Youth Services Review, 2014, 47, 36-45.	1.0	15
325	Optimally pruned extreme learning machine with ensemble of regularization techniques and negative correlation penalty applied to automotive engine coldstart hydrocarbon emission identification. Neurocomputing, 2014, 131, 143-156.	3.5	50
326	Estimation of flexible fuzzy GARCH models for conditional density estimation. Information Sciences, 2014, 267, 252-266.	4.0	9
327	A generalized multiple Lyapunov functions method based non-fragile guaranteed cost control for uncertain switched fuzzy systems. Applied Mathematics and Computation, 2014, 237, 494-500.	1.4	10
328	A software tool for uncertainty modeling using Interpolative Boolean algebra. Knowledge-Based Systems, 2014, 62, 1-10.	4.0	18

#	ARTICLE	IF	CITATIONS
329	Embedding the human factor in road tunnel risk analysis. Chemical Engineering Research and Design, 2014, 92, 329-337.	2.7	20
330	A method based on shape-similarity for detecting similar opinions in group decision-making. Information Sciences, 2014, 258, 291-311.	4.0	24
331	Relative entropy fuzzy c-means clustering. Information Sciences, 2014, 260, 74-97.	4.0	87
332	Identifying Citation Classics in Fuzzy Decision Making Field Using the Concept of H-Classics. Procedia Computer Science, 2014, 31, 567-576.	1.2	10
333	An interval type-2 fuzzy model of computing with words. Information Sciences, 2014, 281, 418-442.	4.0	20
334	System regression test planning with a fuzzy expert system. Information Sciences, 2014, 259, 532-543.	4.0	23
335	Selection of search strategies for solving 3-SAT problems. International Journal of Applied Mathematics and Computer Science, 2014, 24, 283-297.	1.5	2
336	Transportation supply chain safety assessment based on Ro-Ro ferry shiphandling difficulty model approach. International Journal of Business Performance and Supply Chain Modelling, 2014, 6, 395.	0.2	0
337	Data-driven modeling by gaussian membership based sample selection and its application in steel energy system. , 2014, , .		0
338	Notes on the design process of a responsive sun-shading system: A case study of designer and user explorations supported by computational tools. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2015, 29, 483-502.	0.7	2
340	Some kinds of falling fuzzy filters of lattice implication algebras. Applied Mathematics, 2015, 30, 299-316.	0.6	4
341	A new linguistic scale for Interval Type-2 Trapezoidal Fuzzy Number based Multiple Criteria Decision Making method. , 2015, , .		2
342	VIKOR method using interval type two fuzzyÂsets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 411-421.	0.8	18
343	Representation of a trend in OFN during fuzzy observance of the water level from the crisis control center. , 0, , .		28
344	A note on some filters in residuated lattices. Journal of Intelligent and Fuzzy Systems, 2015, 30, 493-500.	0.8	1
345	Domination in vague graphs andÂitsÂapplications. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1933-1940.	0.8	54
346	Decision-theoretic Rough Sets-based Three-way Approximations of Interval-valued Fuzzy Sets. Fundamenta Informaticae, 2015, 142, 117-143.	0.3	9
347	Application of the Forgotten Effects Model to the Economic Effects for Public European Health Systems by the Early Diagnostics of Emergent and Rare Diseases. Procedia Economics and Finance, 2015, 22, 10-19.	0.6	3

#	Article	IF	CITATIONS
349	A Comparison Study of Utilizing Optimization Algorithms and Fuzzy Logic for Candidate-Well Selection. , 2015, , .		5
350	Overview of Fuzzy Logic Technique for Modeling Machining Process. Applied Mechanics and Materials, 0, 815, 264-267.	0.2	0
351	Intelligent and Hybrid Systems of Process Control: Theory, Methods, Applications. Mediterranean Journal of Social Sciences, 2015, , .	0.1	0
352	Formalization of Human Categorization Process Using Interpolative Boolean Algebra. Mathematical Problems in Engineering, 2015, 2015, 1-8.	0.6	2
353	Variable mating behaviors and the maintenance of tropical biodiversity. Frontiers in Genetics, 2015, 6, 183.	1.1	39
354	Characterizing Vocal Repertoires—Hard vs. Soft Classification Approaches. PLoS ONE, 2015, 10, e0125785.	1.1	56
355	A new systematic and flexible method for developing hierarchical decision-making models. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 279-297.	0.9	1
356	Modeling Stock Price Dynamics with Fuzzy Opinion Networks. SSRN Electronic Journal, 2015, , .	0.4	1
357	Designing of Vague Logic Based Fair-Share CPU Scheduler: VFS CPU Scheduler. International Journal of Fuzzy System Applications, 2015, 4, 25-49.	0.5	3
358	Advanced Computing with Words: Status and Challenges. Studies in Fuzziness and Soft Computing, 2015, , 217-245.	0.6	8
359	A Conceptual Model to Combine Creativity Techniques with Fuzzy Cognitive Maps for Enhanced Knowledge Management. , 2015, , 131-146.		11
360	A synthesis regarding the application of Expert Systems in Inventory management. , 2015, , .		0
361	Design and real-time implementation of a fuzzy PI controller on a servo speed control application. , 2015, , .		8
362	Mass spectrometry-based proteomic data for cancer diagnosis using interval type-2 fuzzy system. , 2015, , .		1
363	MI-ANFIS: A multiple instance Adaptive Neuro-Fuzzy Inference System. , 2015, , .		3
364	Stability approaches for Takagi-Sugeno systems. , 2015, , .		6
365	Energy efficient task scheduling with Type-2 fuzzy uncertainty. , 2015, , .		21
366	A hesitant fuzzy multiple attribute decision making method based on linear programming and TOPSIS**This work was supported by the Specialized Research Fund for the Doctoral Program of Higher Education under Project No. 20130009120040 IFAC-PapersOnLine, 2015, 48, 427-431.	0.5	11

#	Article	IF	CITATIONS
367	Some new concepts on highly irregular vague graphs. , 2015, , .		0
368	Fuzzy-PID gains tuning: Differential evolution versus second order analytical algorithms. , 2015, , .		0
369	Gain Tuning of Fuzzy PID Controllers for MIMO Systems: A Performance-Driven Approach. IEEE Transactions on Fuzzy Systems, 2015, 23, 757-768.	6.5	50
370	Time-Validating-Based Atanassov's Intuitionistic Fuzzy Decision Making. IEEE Transactions on Fuzzy Systems, 2015, 23, 743-756.	6.5	9
371	An overview of fuzzy research with bibliometric indicators. Applied Soft Computing Journal, 2015, 27, 420-433.	4.1	422
372	A new method for 3D designing of complementary exploration drilling layout based on ore value and objective functions. Arabian Journal of Geosciences, 2015, 8, 8175-8195.	0.6	7
373	Grey qualitative modeling and control method for subjective uncertain systems. International Journal of Automation and Computing, 2015, 12, 70-76.	4.5	5
374	Comparison of Public–Private Partnerships in Airports and Seaports in Low- and Middle-Income Countries. Transport Reviews, 2015, 35, 329-351.	4.7	13
375	Sustainable model of hydro power development—Drina river case study. Renewable and Sustainable Energy Reviews, 2015, 50, 363-371.	8.2	24
376	Interpretability of Fuzzy Systems: Current Research Trends and Prospects. , 2015, , 219-237.		71
377	Generalized intuitionistic fuzzy filters on residuated lattices. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1545-1552.	0.8	2
378	Fuzzy control turns 50: 10 years later. Fuzzy Sets and Systems, 2015, 281, 168-182.	1.6	93
379	Weighted Compensative Logic With Adjustable Threshold Andness and Orness. IEEE Transactions on Fuzzy Systems, 2015, 23, 270-290.	6.5	22
380	Self-adjusting focus of attention in combination with a genetic fuzzy system for improving a laser environment control device system. Applied Soft Computing Journal, 2015, 32, 250-265.	4.1	13
381	Queue performance measures in construction simulation models containing subjective uncertainty. Automation in Construction, 2015, 60, 1-11.	4.8	21
382	A study that applies aesthetic theory and genetic algorithms to product form optimization. Advanced Engineering Informatics, 2015, 29, 662-679.	4.0	30
383	Towards a fuzzy logical algebra (FLA) for formal inferences in cognitive computing and cognitive robotics. , 2015, , .		5
384	Hybrid representation of rule-based systems. , 2015, , .		3

#	Article	IF	CITATIONS
386	A type-2 fuzzy-statistical clustering approach for estimating the multiple change points in a process mean with monotonic change. International Journal of Advanced Manufacturing Technology, 2015, 77, 1751-1765.	1.5	3
387	A workflow task scheduling algorithm based on the resources' fuzzy clustering in cloud computing environment. International Journal of Communication Systems, 2015, 28, 1053-1067.	1.6	38
388	A modular extreme learning machine with linguistic interpreter and accelerated chaotic distributor for evaluating the safety of robot maneuvers in laparoscopic surgery. Neurocomputing, 2015, 151, 913-932.	3.5	7
389	Fuzzy logic for modeling machining process: a review. Artificial Intelligence Review, 2015, 43, 345-379.	9.7	115
390	Fuzzy optimization of a waste-to-energy network system in an eco-industrial park. Journal of Material Cycles and Waste Management, 2015, 17, 476-489.	1.6	24
391	Sistema de apoio à avaliação de impactos da poluição sonora sobre a saúde pública. Cadernos De Saude Publica, 2016, 32, e00021215.	0.4	4
392	On strong extremal problems in fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2497-2503.	0.8	2
393	OCR- The 3 Layered Approach for Decision Making State and Identification of Telugu Hand Written and Printed Consonants and Conjunct Consonants by Using Advanced Fuzzy Logic Controller. International Journal of Artificial Intelligence & Applications, 2016, 7, 23-35.	0.3	2
394	An Improved Genetic Fuzzy Logic Control Method to Reduce the Enlargement of Coal Floor Deformation in Shearer Memory Cutting Process. Computational Intelligence and Neuroscience, 2016, 2016, 1-14.	1.1	11
395	<mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">id="M1"><mml:mrow><mml:mi>Z</mml:mi></mml:mrow></mml:math> -Distance Based IF-THEN Rules. Scientific World Journal, The, 2016, 2016, 1-9.	0.8	8
396	The Weighted Distance Measure Based Method to Neutrosophic Multiattribute Group Decision Making. Mathematical Problems in Engineering, 2016, 2016, 1-8.	0.6	2
397	Improved dyadic wavelet transform with fuzzy logic for diagnosing oscillating process variable. AIP Conference Proceedings, 2016, , .	0.3	1
398	A new algorithm to find fuzzy Hamilton cycle in a fuzzy network using adjacency matrix and minimum vertex degree. SpringerPlus, 2016, 5, 1854.	1.2	4
399	Assessing the success of floodwater spreading projects using a fuzzy approach. Water Science and Technology, 2016, 74, 1980-1991.	1.2	5
400	Performance evaluation of a fuzzy logic controller on a servo speed control system. , 2016, , .		2
401	Applying Fuzzy Logic of Expert Knowledge for Accurate Predictive Algorithms of Customer Traffic Flows in Theme Parks. International Journal of Information Technology and Decision Making, 2016, 15, 1451-1468.	2.3	3
402	Strong and superstrong vertices in intuitionistic fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 671-678.	0.8	6
403	Faces and dual of m-polar fuzzy planarÂgraphs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2043-2049.	0.8	43

#	Article	IF	CITATIONS
404	Isomorphic properties of neighborly irregular vague graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3261-3270.	0.8	1
405	Vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3291-3299.	0.8	22
406	Interval-valued fuzzy derivatives and solution to interval-valued fuzzy differential equations. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3373-3384.	0.8	6
407	Two-layer hybrid control of an underactuated system. , 2016, , .		2
408	Fuzzy — Genetic algorithm approach to generate an optimal meta-architecture for a smart, safe & efficient city transportation system of systems. , 2016, , .		2
409	Dempster-Shafer logical model for fuzzy Description Logics. , 2016, , .		0
410	SINGRAR—A Distributed Expert System for Emergency Management: Context and Design. Integrated Series on Information Systems, 2016, , 243-274.	0.1	0
411	Evaluating outsourcing risks in the pharmaceutical supply chain: Case of a multi-criteria combined fuzzy AHP-PROMETHEE approach. IFAC-PapersOnLine, 2016, 49, 114-119.	0.5	28
412	Correlated aggregation operators for simplified neutrosophic set and their application in multi-attribute group decision making. Journal of Intelligent and Fuzzy Systems, 2016, 30, 1755-1761.	0.8	18
413	Evolutionary Based Optimisation of Multivariable Fuzzy Control System of a Binary Distillation Column. , 2016, , .		2
414	Attribute dependencies for data with grades I [,] . International Journal of General Systems, 2016, 45, 864-888.	1.2	19
415	A diatom-based biological condition gradient (BCC) approach for assessing impairment and developing nutrient criteria for streams. Science of the Total Environment, 2016, 562, 914-927.	3.9	61
416	Experimental and theoretical approaches for Cd(II) biosorption from aqueous solution using <i>Oryza sativa</i> biomass. International Journal of Phytoremediation, 2016, 18, 1096-1103.	1.7	21
417	Type-1 to Type-n Fuzzy Logic and Systems. Studies in Fuzziness and Soft Computing, 2016, , 129-157.	0.6	5
418	A novel approach to guarantee good robustness of fuzzy reasoning. Applied Soft Computing Journal, 2016, 41, 224-234.	4.1	6
419	Descriptive analysis of responses to items in questionnaires. Why not using a fuzzy rating scale?. Information Sciences, 2016, 360, 131-148.	4.0	34
420	A trust evaluation model towards cloud manufacturing. International Journal of Advanced Manufacturing Technology, 2016, 84, 133-146.	1.5	42
421	A Comprehensive Literature Review of 50 Years of Fuzzy Set Theory. International Journal of Computational Intelligence Systems, 2016, 9, 3.	1.6	83

#	Article	IF	CITATIONS
422	A fuzzy set scale approach to value workers participation and learning. Journal of Innovation & Knowledge, 2016, 1, 133-143.	7.3	8
423	Some properties of m-polar fuzzy graphs. Pacific Science Review A Natural Science and Engineering, 2016, 18, 38-46.	0.4	19
424	Detecting change-points for shifts in mean and variance using fuzzy classification maximum likelihood change-point algorithms. Journal of Computational and Applied Mathematics, 2016, 308, 447-463.	1.1	14
425	Situation awareness and computational intelligence in opportunistic networks to support the data transmission of urban sensing applications. Computer Networks, 2016, 111, 55-70.	3.2	18
426	Predictive Model for Detecting MQ2 Gases Using Fuzzy Logic on IoT Devices. Communications in Computer and Information Science, 2016, , 176-185.	0.4	3
427	Semi global domination sets in vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3645-3652.	0.8	20
428	Regularity of vague graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3681-3689.	0.8	34
429	New concepts of vague competition graphs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 69-75.	0.8	8
430	Intelligent control of uncertain switched nonlinear plants: Output-feedback control of switched fuzzy time-delay systems revisited. , 2016, , .		2
431	Fuzzy logic-based implicit authentication for mobile access control. , 2016, , .		5
432	Intelligent control of uncertain switched nonlinear Plants: NFG optimum control of switched fuzzy time-delay systems revisited. , 2016, , .		2
433	Cloud-enabled vehicular congestion estimation: An ITS application. , 2016, , .		2
434	Multiclass fuzzy user equilibrium with endogenous membership functions and riskâ€ŧaking behaviors. Journal of Advanced Transportation, 2016, 50, 1716-1734.	0.9	22
436	Development of an estuarine assessment scheme for the management of a highly urbanised catchment/estuary system, Sydney estuary, Australia. Environmental Monitoring and Assessment, 2016, 188, 294.	1.3	10
437	Some Special Sequences in Fuzzy Graphs. Fuzzy Information and Engineering, 2016, 8, 31-40.	1.0	8
438	A fuzzy logic approach for reasoning under uncertainty and vagueness - a matchmaking case study. , 2016, , .		2
439	Computational intelligence in wave energy: Comprehensive review and case study. Renewable and Sustainable Energy Reviews, 2016, 58, 1223-1246.	8.2	67
440	Soft Computing in Aerospace. , 2016, , .		0

#	Article	IF	CITATIONS
441	Ecological classification and mapping for landscape management and science. Progress in Physical Geography, 2016, 40, 38-65.	1.4	34
442	Change-point detection for shifts in control charts using fuzzy shift change-point algorithms. Computers and Industrial Engineering, 2016, 93, 12-27.	3.4	25
443	Application of Fuzzy TOPSIS MADM approach in ranking & underlining the problems of plywood industry in India. Cogent Engineering, 2016, 3, 1155839.	1.1	8
444	Parameterizing the Semantics of Fuzzy Attribute Implications by Systems of Isotone Galois Connections. IEEE Transactions on Fuzzy Systems, 2016, 24, 645-660.	6.5	11
445	MAR: A Novel Power Management for CMP Systems in Data-Intensive Environment. IEEE Transactions on Computers, 2016, 65, 1816-1830.	2.4	3
446	M-Estimates of Location for the Robust Central Tendency of Fuzzy Data. IEEE Transactions on Fuzzy Systems, 2016, 24, 945-956.	6.5	17
447	Risk identification and assessment for engineering procurement construction management projects using fuzzy set theory. Canadian Journal of Civil Engineering, 2016, 43, 429-442.	0.7	32
448	A review of Computational Intelligence techniques in coral reef-related applications. Ecological Informatics, 2016, 32, 107-123.	2.3	12
449	FAMACROW: Fuzzy and ant colony optimization based combined mac, routing, and unequal clustering cross-layer protocol for wireless sensor networks. Applied Soft Computing Journal, 2016, 43, 235-247.	4.1	89
450	A novel approach for the development of tiered use biological criteria for rivers and streams in an ecologically diverse landscape. Environmental Monitoring and Assessment, 2016, 188, 196.	1.3	8
451	Design of an intelligent decision support system for global outsourcing decisions in the apparel industry. Journal of the Textile Institute, 2016, 107, 1322-1335.	1.0	11
452	Critical Success Factors for the Iron and Steel Industry in Turkey: A Fuzzy DEMATEL Approach. International Journal of Fuzzy Systems, 2016, 18, 523-536.	2.3	26
453	Mixed continuous/binary quantum-inspired learning system with non-negative least square optimisation for automated design of regularised ensemble extreme learning machines. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 581-606.	1.8	3
454	A possibilistic approach to UMTS base-station location problem. Soft Computing, 2016, 20, 2565-2575.	2.1	6
455	New concepts of vague graphs. International Journal of Machine Learning and Cybernetics, 2017, 8, 1081-1092.	2.3	29
456	Self-adaptive trust management based on game theory in fuzzy large-scale networks. Soft Computing, 2017, 21, 907-921.	2.1	15
457	Cloud computing system risk estimation and service selection approach based on cloud focus theory. Neural Computing and Applications, 2017, 28, 1863-1876.	3.2	13
458	Modeling Stock Price Dynamics With Fuzzy Opinion Networks. IEEE Transactions on Fuzzy Systems, 2017, 25, 277-301.	6.5	14

		CITATION REPORT		
#	Article		IF	Citations
459	The lattice of prefilters of an EQ-algebra. Fuzzy Sets and Systems, 2017, 311, 86-98.		1.6	14
460	A new methodology for fuzzification of rough sets based on α-indiscernibility. Fuzzy S 2017, 312, 1-16.	ets and Systems,	1.6	11
461	A Model Reference Adaptive Control (MRAC) System for the Pneumatic Valve of the Bo Beverages Using Simulink. Procedia Manufacturing, 2017, 7, 364-373.	ottle Washer in	1.9	17
463	Fuzzy Law: A Theory of Quasi-Legality. , 0, , 236-272.			1
464	Fuzzy Fusion for Collision Avoidance. Computational Imaging and Vision, 2017, , 189-2	205.	0.6	0
465	A System for Fuzzy Granulation of OWL Ontologies. Lecture Notes in Computer Science	ce, 2017, , 126-135.	1.0	2
466	Bayesian and Dempster–Shafer reasoning for knowledge-based fault diagnosis–A Engineering Applications of Artificial Intelligence, 2017, 60, 136-150.	comparative study.	4.3	53
467	A novel correlated intervals-based algorithm for distribution power flow calculation. Int Journal of Electrical Power and Energy Systems, 2017, 90, 245-255.	ternational	3.3	11
468	Invited Article: Concepts and tools for the evaluation of measurement uncertainty. Rev Scientific Instruments, 2017, 88, 011301.	iew of	0.6	41
469	Study of spindle power data with neural network for predicting real-time tool wear/bre inconel drilling. Journal of Manufacturing Systems, 2017, 43, 287-295.	akage during	7.6	91
470	Fault Detection and Diagnosis in dynamic systems using Weightless Neural Networks. With Applications, 2017, 84, 200-219.	Expert Systems	4.4	42
471	A fuzzy-based approach for microgrids islanded operation. Electric Power Systems Res 178-189.	earch, 2017, 149,	2.1	50
472	Takagi–Sugeno fuzzy modelling of some nonlinear problems using ant colony progra Mathematical Modelling, 2017, 48, 635-654.	amming. Applied	2.2	12
473	Shadowed sets of dynamic fuzzy sets. Granular Computing, 2017, 2, 85-94.		4.4	47
474	Bi-level plant selection and production allocation model under type-2 fuzzy demand. Ex With Applications, 2017, 86, 87-98.	opert Systems	4.4	6
475	Fuzzy-based methodological proposal for participatory diagnosis in the linear parks ma Ecological Indicators, 2017, 80, 153-162.	nagement.	2.6	10
476	Measuring organizational capabilities for technological innovation through a fuzzy infe system. Technology in Society, 2017, 50, 93-109.	rence	4.8	14
477	Current research trends and application areas of fuzzy and hybrid methods to the risk construction projects. Advanced Engineering Informatics, 2017, 33, 112-131.	assessment of	4.0	107

#	Article	IF	CITATIONS
478	Calibration of a fuzzy model estimating fire response time in a tunnel. Tunnelling and Underground Space Technology, 2017, 69, 28-36.	3.0	2
479	Calibration of the biological condition gradient in Minnesota streams: a quantitative expert-based decision system. Freshwater Science, 2017, 36, 427-451.	0.9	13
480	On the need for augmented appraisal degrees to handle experience-based evaluations. Applied Soft Computing Journal, 2017, 54, 284-295.	4.1	9
481	Correlation coefficient of hesitant fuzzy sets. , 2017, , .		1
482	Modeling and Forecasting with Fuzzy Time Series and Artificial Neural Networks. Advances in Business and Management Forecasting, 2017, , 155-180.	1.1	1
483	Directed Fuzzy Networks as a Model to Illicit Flows and Max Flow Min Cut Theorem. New Mathematics and Natural Computation, 2017, 13, 219-229.	0.4	5
484	Hypothesis testing-based comparative analysis between rating scales for intrinsically imprecise data. International Journal of Approximate Reasoning, 2017, 88, 128-147.	1.9	16
485	Fuzzy control of a laboratory binary distillation column. , 2017, , .		4
486	Information sciences 1968–2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	4.0	163
487	Moisture content prediction in poultry litter using artificial intelligence techniques and Monte Carlo simulation to determine the economic yield from energy use. Journal of Environmental Management, 2017, 202, 254-267.	3.8	15
488	A fuzzy logic based trust evaluation model for the selection of cloud services. , 2017, , .		17
489	Fuzzy modelling and mapping soil moisture for observed periods and climate scenarios. An alternative for dynamic modelling at the national and regional scale?. Annals of Forest Science, 2017, 74, 1.	0.8	4
490	Fuzzy Logics Associated with Neural Networks in the Real Time for Better World. Materials Today: Proceedings, 2017, 4, 8507-8516.	0.9	3
491	OCR-Mirror Image Reflection Approach: Document Back Side Character Recognition by Using Neural Fuzzy Hybrid System. , 2017, , .		0
492	Fuzzy T–S Model-Based Design of Min–Max Control for Uncertain Nonlinear Systems. Studies in Computational Intelligence, 2017, , 85-102.	0.7	0
493	Intelligent Controls for Switched Fuzzy Systems: Synthesis via Nonstandard Lyapunov Functions. Studies in Computational Intelligence, 2017, , 115-141.	0.7	0
494	Landscape archetypes for ecological classification and mapping. Progress in Physical Geography, 2017, 41, 95-123.	1.4	33
495	Transportation mode detection – an in-depth review of applicability and reliability. Transport Reviews, 2017, 37, 442-464.	4.7	66

#	Article	IF	CITATIONS
496	Structural variability and communicative complexity in acoustic communication. Animal Behaviour, 2017, 134, 229-237.	0.8	49
497	Approximate Reasoning on a Basis of <italic>Z</italic> -Number-Valued If–Then Rules. IEEE Transactions on Fuzzy Systems, 2017, 25, 1589-1600.	6.5	73
498	Community Sensor Network for Monitoring Road Roughness Using Smartphones. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	41
499	Imprecise Matching of Requirements Specifications for Software Services Using Fuzzy Logic. IEEE Transactions on Software Engineering, 2017, 43, 739-759.	4.3	7
500	New concepts of coloring in vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1715-1721.	0.8	3
501	Looking for a real-world-semantics-based approach to the interpretability of fuzzy systems. , 2017, , .		1
502	Real-Time Fuzzy Voltage Regulation for Distribution Networks Incorporating High Penetration of Renewable Sources. IEEE Systems Journal, 2017, 11, 1702-1711.	2.9	38
503	Performance Analysis of Data-Driven and Model-Based Control Strategies Applied to a Thermal Unit Model. Energies, 2017, 10, 67.	1.6	10
504	Lithium Ion Battery Models and Parameter Identification Techniques. Energies, 2017, 10, 2007.	1.6	93
505	Morphism of m-Polar Fuzzy Graph. Advances in Fuzzy Systems, 2017, 2017, 1-9.	0.6	9
506	Accessible Urban by Modeling the Explicit Data Using Fuzzy Logic. , 2017, , .		2
507	Genus value of m-polar fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1947-1957.	0.8	26
508	Soft to Hard Data Transformation Using Uncertainty Balance Principle. Lecture Notes in Networks and Systems, 2018, , 785-809.	0.5	3
509	Aggregating Measures using Fuzzy Logic for Evaluating Feature Models. , 2018, , .		3
510	Bimodal fuzzy analytic hierarchy process (BFAHP) for coronary heart disease risk assessment. Journal of Biomedical Informatics, 2018, 83, 204-216.	2.5	24
511	Web content readability evaluation using fuzzy logic. , 2018, , .		2
512	Intelligent Control of Uncertain Switched Nonlinear Plants: NFG Optimum Control Synthesis via Switched Fuzzy Time-Delay Systems. Studies in Computational Intelligence, 2018, , 251-266.	0.7	0
513	Delineation of the riparian zone in data-scarce regions using fuzzy membership functions: An evaluation based on the case of the Naryn River in Kyrgyzstan. Geomorphology, 2018, 306, 170-181.	1.1	9

#	Article	IF	Citations
514	Supplementary Virtual Keypoints of Weight-Based Correspondences for Occluded Object Tracking. IEEE Access, 2018, 6, 9140-9146.	2.6	3
515	Application of fuzzy logic approach for wind erosion hazard mapping in Laghouat region (Algeria) using remote sensing and GIS. Aeolian Research, 2018, 32, 24-34.	1.1	23
516	A New Parametric Intuitionistic Fuzzy Entropy and its Applications in Multiple Attribute Decision Making. International Journal of Applied and Computational Mathematics, 2018, 4, 1.	0.9	28
517	Fuzzy Graph Theory. Studies in Fuzziness and Soft Computing, 2018, , .	0.6	46
518	Modeling complex linguistic expressions in qualitative decision making: An overview. Knowledge-Based Systems, 2018, 144, 174-187.	4.0	58
519	Decision making algorithm for an autonomous guide-robot using fuzzy logic. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1177-1189.	3.3	10
520	Evaluation method based on fuzzy relations between Dempster-Shafer belief structure. International Journal of Intelligent Systems, 2018, 33, 1343-1363.	3.3	61
521	A general type-2 fuzzy model for computing with words. International Journal of Intelligent Systems, 2018, 33, 713-758.	3.3	7
522	A fuzzy classification approach to piecewise regression models. Applied Soft Computing Journal, 2018, 69, 671-688.	4.1	9
523	Fuzzy definition of Rural Urban Interface: An application based on land use change scenarios in Portugal. Environmental Modelling and Software, 2018, 104, 171-187.	1.9	38
524	Generalized Fuzzy Relations. New Mathematics and Natural Computation, 2018, 14, 187-202.	0.4	7
525	Saturation in Fuzzy Graphs. New Mathematics and Natural Computation, 2018, 14, 113-128.	0.4	14
526	A new rule-based power-aware job scheduler for supercomputers. Journal of Supercomputing, 2018, 74, 2508-2527.	2.4	2
527	Fuzzy logic-based real-time control for a twin-rotor MIMO system using GA-based optimization. World Journal of Engineering, 2018, 15, 192-204.	1.0	4
528	Identifying sustainability communicators in urban regeneration: Integrating individual and relational attributes. Journal of Cleaner Production, 2018, 173, 278-291.	4.6	21
529	Black Hole Entropic Fuzzy Clustering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1622-1636.	5.9	26
530	Low Energy Fuzzy based Unequal Clustering Multihop Architecture for Wireless Sensor Networks. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2018, 88, 539-556.	0.8	4
531	Consistencies of fuzzy spatiotemporal data in XML documents. Fuzzy Sets and Systems, 2018, 343, 97-125.	1.6	12

#	Article	IF	Citations
532	A Fuzzy-Based Intelligent Cloud Broker with MapReduce Framework to Evaluate the Trust Level of Cloud Services Using Customer Feedback. International Journal of Fuzzy Systems, 2018, 20, 339-347.	2.3	19
533	Network Anomaly Detection System using Genetic Algorithm and Fuzzy Logic. Expert Systems With Applications, 2018, 92, 390-402.	4.4	183
534	Identification of suspicious electricity customers. International Journal of Electrical Power and Energy Systems, 2018, 95, 635-643.	3.3	16
535	An adaptive Fuzzy logic-based approach to PID control of steam turbines in solar applications. Applied Energy, 2018, 227, 655-664.	5.1	39
536	Co-words Analysis of the Last Ten Years of the Fuzzy Decision Making Research Area. Advances in Intelligent Systems and Computing, 2018, , 497-508.	0.5	2
537	On transformations from semi-three-way decision spaces to three-way decision spaces based on triangular norms and triangular conorms. Information Sciences, 2018, 432, 22-51.	4.0	18
538	Evaluating and selecting partners in sustainable supply chain network: a comparative analysis of combined fuzzy multi-criteria approaches. Opsearch, 2018, 55, 14-49.	1.1	14
539	Random weight network-based fuzzy nonlinear regression for trapezoidal fuzzy number data. Applied Soft Computing Journal, 2018, 70, 959-979.	4.1	29
540	System for corrosion monitoring in pipeline applying fuzzy logic mathematics. Journal of Physics: Conference Series, 2018, 1015, 052017.	0.3	5
541	Increasing Accuracy of Three-Dimensional Displacement Control System Applying Fuzzy Logic Theory. , 2018, , .		0
542	A Multicriteria Location Model for a Solid Waste Disposal Center in Valle Del Cauca, Colombia. , 2018, , 37-53.		0
543	The Fuzzy Analytic Hierarchy Process in the Investment Appraisal of Drilling Methods. , 2018, , 303-336.		0
544	A Novel Approach for Agile Software Development Methodology Selection Using Fuzzy Inference System. , 2018, , .		3
545	Determining Topological Relations of Fuzzy Spatiotemporal Regions Over Time in XML. IEEE Access, 2018, 6, 65620-65634.	2.6	4
546	An Intelligent Modeling System to Predict Mechanical Strength Characteristics of Selective Inhibition Sintered Parts using Fuzzy Logic Approach. Materials Today: Proceedings, 2018, 5, 11727-11737.	0.9	2
547	Hybrid Decision Support System based on DEMATEL and Fuzzy Cognitive Maps. IFAC-PapersOnLine, 2018, 51, 1636-1642.	0.5	12
548	Identification of opinion leader in online social network using fuzzy trust system. , 2018, , .		5
549	The relationship between students critical thinking measured by science virtual test and students logical thinking on eighth grade secondary school. Journal of Physics: Conference Series, 2018, 1013, 012071.	0.3	2

		CITATION REPORT		
#	Article		IF	CITATIONS
550	Assessment of Bridge Substructure in Java Island. MATEC Web of Conferences, 2018, 1	47, 07005.	0.1	0
551	Identifying and properly handling context in crowdsourcing. Applied Soft Computing Jo 203-214.	urnal, 2018, 73,	4.1	4
552	A Variable Dimensional Fuzzy Logic-Based Reputation Model for MAS. Lecture Notes in Science, 2018, , 18-32.	Computer	1.0	0
553	Ranking of Performance Assessment Measures at Tehran Hotel by Combining DEMATEL SERVQUAL Models under Fuzzy Condition. Mathematical Problems in Engineering, 201		0.6	12
554	Hybrid Probabilistic–Possibilistic Treatment of Uncertainty in Building Energy Models Sizing Peak Cooling Loads. ASCE-ASME Journal of Risk and Uncertainty in Engineering S Mechanical Engineering, 2018, 4, .		0.7	2
555	Celebrating the life of lotfi a. zadeh: the distinguished father of fuzzy logic passes away [tribute]. IEEE Systems, Man, and Cybernetics Magazine, 2018, 4, 42-55.	at age 96	1.2	0
556	Integrating fuzzy expert system and scoring system for safety performance evaluation and gas platforms in Malaysia. Journal of Loss Prevention in the Process Industries, 201		1.7	23
557	Application of Fuzzy Logic to Assess the Quality of BPMN Models. Communications in G Information Science, 2018, , 188-209.	Computer and	0.4	4
558	PCCA: Position Confidentiality Conserving Algorithm for Content-Protection in e-Govern Services and Applications. IEEE Transactions on Emerging Topics in Computational Inte 194-203.		3.4	14
559	Automatic synthesis of fuzzy systems: An evolutionary overview with a genetic progran perspective. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 20	nming 19, 9, e1251.	4.6	6
560	An intuitionistic fuzzy information measure of order- $\$ (alpha , eta) $\$ ($\rm l\pm$, $\rm l^2$) with a supplier selection problems using an extended VIKOR method. Journal of Applied Mather Computing, 2019, 60, 27-50.	new approach in ematics and	1.2	23
561	Fuzzy regression analysis: Systematic review and bibliography. Applied Soft Computing 84, 105708.	Journal, 2019,	4.1	76
562	A Novel Process Modeling Method for Steel Sulphur Content Soft Sensing during Ladle Refining. ISIJ International, 2019, 59, 1276-1286.	Furnace Steel	0.6	5
563	Wireless sensor networks for greenhouses: An end-to-end review. Computers and Elect Agriculture, 2019, 163, 104877.	ronics in	3.7	57
564	Old Tools, New Ways of Using Them: Harnessing Expert Opinions to Plan for Surprise ir Socio-Ecological Systems. Frontiers in Marine Science, 2019, 6, .	ı Marine	1.2	10
565	Relaxed Stabilization conditions for Takagi-Sugeno systems. , 2019, , .			0
566	Real Options Approach versus Conventional Approaches to Valuing Highway Projects u Uncertainty. Journal of Construction Engineering and Management - ASCE, 2019, 145,	nder	2.0	5
567	Novel concepts in intuitionistic fuzzy graphs with application. Journal of Intelligent and Systems, 2019, 37, 3743-3749.	Fuzzy	0.8	9

#	Article	IF	CITATIONS
568	Application of genetic algorithm-based intuitionistic fuzzy neural network to medical cost forecasting for acute hepatitis patients in emergency room. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5455-5469.	0.8	6
569	Online Deep Fuzzy Learning for Control of Nonlinear Systems Using Expert Knowledge. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	6.5	16
570	Evaluation Model for the Implementation of Information Technology Service Management using Fuzzy ITIL. Procedia Computer Science, 2019, 157, 290-297.	1.2	5
571	Fuzzy logic approach for infectious disease diagnosis: A methodical evaluation, literature and classification. Biocybernetics and Biomedical Engineering, 2019, 39, 937-955.	3.3	60
572	Application of Strong Arcs in m-Polar Fuzzy Graphs. Neural Processing Letters, 2019, 50, 771-784.	2.0	14
573	Intuitionistic fuzzy threshold graphs. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6641-6651.	0.8	6
574	An intuitionistic fuzzy neural network with gaussian membership function. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6731-6741.	0.8	8
575	Exploring social determinants of municipal solid waste management: survey processing with fuzzy logic and self-organized maps. Environmental Science and Pollution Research, 2019, 26, 35288-35304.	2.7	15
576	Fuzzy rule-based classification system using multi-population quantum evolutionary algorithm with contradictory rule reconstruction. Applied Intelligence, 2019, 49, 4007-4021.	3.3	9
577	An Application of Peircean Triadic Logic: Modelling Vagueness. Journal of Logic, Language and Information, 2019, 28, 389-426.	0.4	0
578	Semantic interpretability in hierarchical fuzzy systems: Creating semantically decouplable hierarchies. Information Sciences, 2019, 496, 109-123.	4.0	31
579	Four decades of fuzzy sets theory in operations management: application of life-cycle, bibliometrics and content analysis. Scientometrics, 2019, 119, 1289-1309.	1.6	22
580	New Similarity and Entropy Measures of Interval Neutrosophic Sets with Applications in Multi-Attribute Decision-Making. Symmetry, 2019, 11, 370.	1.1	8
581	From Zadeh's Computing with Words Towards eXplainable Artificial Intelligence. Lecture Notes in Computer Science, 2019, , 244-248.	1.0	6
582	Paving the Way to Explainable Artificial Intelligence with Fuzzy Modeling. Lecture Notes in Computer Science, 2019, , 215-227.	1.0	15
583	An adaptive fuzzy sliding mode controller for uncertain underactuated mechanical systems. JVC/Journal of Vibration and Control, 2019, 25, 1521-1535.	1.5	22
584	Three novel fuzzy logic concepts applied to reshoring decision-making. Expert Systems With Applications, 2019, 126, 133-143.	4.4	36
585	Fuzzy granular classification based on the principle of justifiable granularity. Knowledge-Based Systems, 2019, 170, 89-101.	4.0	33

#	Article	IF	Citations
586	Evaluating the software quality non-functional requirement through a fuzzy logic-based model based on the ISO/IEC 25000 (SQuaRE) standard. , 2019, , .		2
587	Using the fuzzy multicriteria decision making approach to evaluate brand equity: a study of privatized firms. Journal of Product and Brand Management, 2019, 29, 335-354.	2.6	7
588	Fuzzy Logic Based Temperature Control. , 2019, , .		3
589	Charging Coordination Scheme Using Fuzzy Logic for Electric Vehicles in Smart Parking Lots. , 2019, , .		0
590	Fuzzy ruleâ€based inference in system dynamics formulations. System Dynamics Review, 2019, 35, 310-336.	1.1	2
591	Can Complexity-Thinking Methods Contribute to Improving Occupational Safety in Industry 4.0? A Review of Safety Analysis Methods and Their Concepts. Safety, 2019, 5, 65.	0.9	24
592	Enterprise Management Mobile Assistant based on Using the Theory of Fuzzy Logic and Fuzzy Sets. , 2019, , .		0
593	Mamdani Type Sliding Mode Fuzzy Control of Non-Affine Nonlinear Systems. , 2019, , .		1
594	Simulation and evaluation of second-order fuzzy boundary value problems. Soft Computing, 2019, 23, 10463-10475.	2.1	2
595	Evolutionary Fuzzy Systems for Explainable Artificial Intelligence: Why, When, What for, and Where to?. IEEE Computational Intelligence Magazine, 2019, 14, 69-81.	3.4	154
596	Ontology-Based Fragmented Company Knowledge Integration: Possible Approaches. Lecture Notes in Business Information Processing, 2019, , 30-37.	0.8	1
597	Interpretable fuzzy partitioning of classified data with variable granularity. Applied Soft Computing Journal, 2019, 74, 567-582.	4.1	13
598	Using Fuzzy Cognitive Maps to Arouse Learning Processes in Cities. Studies in Systems, Decision and Control, 2019, , 107-130.	0.8	4
600	Fuzzy-based approach for evaluating groundwater sustainability of Asian cities. Sustainable Cities and Society, 2019, 44, 321-331.	5.1	22
601	Optimization of type-1, interval type-2 and general type-2 fuzzy inference systems using a hierarchical genetic algorithm for modular granular neural networks. Granular Computing, 2019, 4, 211-236.	4.4	18
602	Applying computational intelligence techniques to improve the decision making of business game players. Soft Computing, 2019, 23, 8753-8763.	2.1	5
603	Fuzzy maximum likelihood change-point algorithms for identifying the time of shifts in process data. Neural Computing and Applications, 2019, 31, 2431-2446.	3.2	5
604	New aggregation operators of single-valued neutrosophic hesitant fuzzy set and their application in multi-attribute decision making. Pattern Analysis and Applications, 2019, 22, 417-427.	3.1	25

#	Article	IF	CITATIONS
605	Effect of imprecise skill level on workforce rotation in a dynamic market. Computers and Industrial Engineering, 2019, 131, 464-476.	3.4	5
606	Power aggregation operators of simplified neutrosophic sets and their use in multi-attribute group decision making. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 575-583.	8.5	13
607	Handling subjective information through augmented (fuzzy) computation. Fuzzy Sets and Systems, 2020, 391, 47-71.	1.6	3
608	Two-Stage Spectrum Sensing Using Fuzzy Logic for Cognitive Radio Networks. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 515-525.	0.8	6
609	Quantifying definitional relations in psychological measurement. New Ideas in Psychology, 2020, 56, 100749.	1.2	1
610	Energy efficient multi-objective scheduling of tasks with interval type-2 fuzzy timing constraints in an Industry 4.0 ecosystem. Engineering Applications of Artificial Intelligence, 2020, 87, 103257.	4.3	42
611	Improving weather radar precipitation maps: A fuzzy logic approach. Atmospheric Research, 2020, 234, 104710.	1.8	17
612	Design and Control of a Wall Cleaning Robot with Adhesion-Awareness. Symmetry, 2020, 12, 122.	1.1	38
613	Quantifying reputation loss of pipeline operator from various stakeholders' perspectives – Part 1: Prioritization. Journal of Loss Prevention in the Process Industries, 2020, 63, 104034.	1.7	1
614	Expressing attention requirement of a floor cleaning robot through interactive lights. Automation in Construction, 2020, 110, 103015.	4.8	17
615	Certain Properties of Vague Graphs with a Novel Application. Mathematics, 2020, 8, 1647.	1.1	26
616	Vague Graph Structure with Application in Medical Diagnosis. Symmetry, 2020, 12, 1582.	1.1	33
617	Development of a reef fish biological condition gradient model with quantitative decision rules for the protection and restoration of coral reef ecosystems. Marine Pollution Bulletin, 2020, 159, 111387.	2.3	8
618	A Fuzzy-Logic-Based Covariance Localization Method in Data Assimilation. Atmosphere, 2020, 11, 1055.	1.0	1
619	Tradeoff Between Area Coverage and Energy Usage of a Self-Reconfigurable Floor Cleaning Robot Based on User Preference. IEEE Access, 2020, 8, 76267-76275.	2.6	29
620	A Proposition for Combining Rough Sets, Fuzzy Logic and FRAM to Address Methodological Challenges in Safety Management: A Discussion Paper. Safety, 2020, 6, 50.	0.9	2
621	Generate two-dimensional belief function based on an improved similarity measure of trapezoidal fuzzy numbers. Computational and Applied Mathematics, 2020, 39, 1.	1.0	15
622	A Fuzzy Reinforcement Learning Approach for Continuum Robot Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 100, 809-826.	2.0	32

#	Article	IF	CITATIONS
623	Takagi-Sugeno-Kang fuzzy PID control for DC electrical machines. , 2020, , .		4
624	A solving approach for fuzzy multi-objective linear fractional programming and application to an agricultural planting structure optimization problem. Chaos, Solitons and Fractals, 2020, 141, 110352.	2.5	20
625	Experimental Study on Generating Multi-modal Explanations of Black-box Classifiers in terms of Gray-box Classifiers. , 2020, , .		5
626	Sustainable resource management in a supply chain: a methodological proposal combining zero-inflated fuzzy time series and clustering techniques. Journal of Enterprise Information Management, 2020, 33, 1059-1076.	4.4	12
627	Wall-Following Behavior for a Disinfection Robot Using Type 1 and Type 2 Fuzzy Logic Systems. Sensors, 2020, 20, 4445.	2.1	22
628	An Efficient Methodology for Resolving Uncertain Spatial References in Text Documents. International Journal of Service Science, Management, Engineering, and Technology, 2020, 11, 1-17.	0.7	2
629	Expert assessment of agrotechnologies with positioning key components. IOP Conference Series: Materials Science and Engineering, 2020, 873, 012005.	0.3	0
630	A Fuzzy Decision Support Model for Cropland Recommendation of Food Cropping in Indonesia. Journal of Computer Science, 2020, 16, 518-531.	0.5	0
631	Fuzzy controller in the selection of sugarcane and energy cane ideotypes. Euphytica, 2020, 216, 1.	0.6	0
632	A Hybrid Nested Genetic-Fuzzy Algorithm Framework for Intrusion Detection and Attacks. IEEE Access, 2020, 8, 98218-98233.	2.6	18
633	Ontologies in Smart Manufacturing: Approaches and Research Framework. , 2020, , .		8
635	An intuitionistic based novel approach to highest response ratio next CPU scheduler. Intelligent Decision Technologies, 2020, 13, 523-536.	0.6	5
636	A Philosophical Treatise on the Connection of Scientific Reasoning with Fuzzy Logic. Mathematics, 2020, 8, 875.	1.1	11
637	A Self-Organizing Fuzzy Logic Classifier for Benchmarking Robot-Aided Blasting of Ship Hulls. Sensors, 2020, 20, 3215.	2.1	23
638	A comparative analysis of machine learning techniques and fuzzy analytic hierarchy process to determine the tacit knowledge criteria. Annals of Operations Research, 2022, 308, 753-776.	2.6	17
639	INâ€Palm: An agriâ€environmental indicator to assess nitrogen losses in oil palm plantations. Agronomy Journal, 2020, 112, 786-800.	0.9	3
640	Fifty years of fuzzy research: A bibliometric analysis and a long-term comparative overview. Journal of Intelligent and Fuzzy Systems, 2020, 38, 5413-5425.	0.8	3
641	Fvsoomm a Fuzzy Vectorial Space Model and Method of Personality, Cognitive Dissonance and Emotion in Decision Making. Information (Switzerland), 2020, 11, 229.	1.7	2

# 642	ARTICLE Power Management of Solar PV systems for PEER load. , 2020, , .	IF	CITATIONS
643	M-estimators and trimmed means: from Hilbert-valued to fuzzy set-valued data. Advances in Data Analysis and Classification, 2021, 15, 267-288.	0.9	5
644	Fuzzy rating scales: Does internal consistency of a measurement scale benefit from coping with imprecision and individual differences in psychological rating?. Information Sciences, 2021, 550, 91-108.	4.0	5
645	A novel Approach for Fully Intuitionistic Fuzzy Multi-Objective Fractional Transportation Problem. AEJ - Alexandria Engineering Journal, 2021, 60, 1447-1463.	3.4	54
646	Comprehensive annoyance modeling of forklift sound quality based on rank score comparison and multi-fuzzy analytic hierarchy process. Applied Acoustics, 2021, 173, 107705.	1.7	13
647	Fuzzy systems and applications in innovation and sustainability. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1723-1726.	0.8	2
648	Application of fuzzy logic in the relationship between information and communication technologies and economic performance. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1727-1737.	0.8	4
649	An approach to merge domain ontologies using granular computing. Granular Computing, 2021, 6, 69-94.	4.4	9
650	An interval type-2 fuzzy model of compliance monitoring for quality of web service. Annals of Operations Research, 2021, 300, 415-441.	2.6	2
651	Optimization of inventory system with defects, rework failure and two types of errors under crisp and fuzzy approach. Journal of Industrial and Management Optimization, 2022, 18, 2289.	0.8	12
652	Efficiency assessment of ANFIS in surface topology prediction in diamond turning of RSA443 optical aluminum using Small Datasets. Journal of Physics: Conference Series, 2021, 1733, 012012.	0.3	2
653	Application of Fuzzy Logic to Evaluate the Performance of Business Process Models. Communications in Computer and Information Science, 2021, , 24-50.	0.4	0
654	Revisiting Indexes for Assessing Interpretability of Fuzzy Systems. Studies in Computational Intelligence, 2021, , 91-118.	0.7	7
655	Toward Explainable Artificial Intelligence Through Fuzzy Systems. Studies in Computational Intelligence, 2021, , 1-23.	0.7	7
657	GeoComputation and Spatial Modelling for Decision-Making. Springer Geography, 2021, , 221-273.	0.3	0
658	Fuzzy Logic Approach in the Social Sciences. , 2021, , 1-6.		0
659	A reliability index for fuzzy expert group criterion. IOP Conference Series: Materials Science and Engineering, 2021, 1047, 012097.	0.3	1
660	Applying Fuzzy Logic to Modeling Economic Emergence. WSEAS Transactions on Business and Economics, 2021, 18, 424-433.	0.3	8

#	Article	IF	CITATIONS
661	Performance measurement model for ranking of educational institutes: a fuzzy reasoning approach. Journal of Physics: Conference Series, 2021, 1797, 012012.	0.3	0
662	Developing a Risk Model for Assessment and Control of the Spread of COVID-19. Risks, 2021, 9, 38.	1.3	8
663	Design and Development of Fuzzy Logic Application Mamdani Method in Predicting The Number of Covid-19 Positive Cases in West Java. IOP Conference Series: Materials Science and Engineering, 2021, 1115, 012031.	0.3	1
664	Regression Diagnostics with Predicted Residuals of Linear Model with Improved Singular Value Classification Applied to Forecast the Hydrodynamic Efficiency of Wave Energy Converters. Applied Sciences (Switzerland), 2021, 11, 2990.	1.3	3
665	Determining the safety culture in a gun factory in Turkey: A fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2021, 40, 5421-5431.	0.8	1
666	Ground-0 Axioms vs. First Principles and Second Law: From the Geometry of Light and Logic of Photon to Mind-Light-Matter Unity-Al&QI. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 534-553.	8.5	12
667	A Fuzzy Take on the Logical Issues of Statistical Hypothesis Testing. Philosophies, 2021, 6, 21.	0.4	1
668	Measurement of Fuzzy Membership Functions in Construction Risk Assessment. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	8
669	Fuzzy intersection graph: a geometrical approach. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4823-4847.	3.3	5
670	An Efficient Approach for SIMO Systems using Adaptive Fuzzy Hierarchical Sliding Mode Control. , 2021, , .		4
671	Filling in the gaps: Acoustic gradation increases in the vocal ontogeny of chimpanzees (<i>Pan) Tj ETQq0 0 0 rgBT</i>	/Oyerlock	18 Tf 50 34
672	Breast cancer disease classification using fuzzy-ID3 algorithm with FUZZYDBD method: automatic fuzzy database definition. PeerJ Computer Science, 2021, 7, e427.	2.7	21
673	Application of fuzzy TOPSIS in the Analyze phase of the DMAIC cycle to aid decision-making. Tappi Journal, 2021, 20, 277-287.	0.2	1
674	Reinstatement of the Extension Principle in Approaching Mathematical Programming with Fuzzy Numbers. Mathematics, 2021, 9, 1272.	1.1	9
675	Black-Litterman con técnicas difusas: caso Ãndice Coleqty. Odeon, 2021, , 81-98.	0.1	0
676	Landslide susceptibility assessment for a transmission line in Gansu Province, China by using a hybrid approach of fractal theory, information value, and random forest models. Environmental Earth Sciences, 2021, 80, 1.	1.3	18
677	Importance analysis on failure credibility of the fuzzy structure. Journal of Intelligent and Fuzzy Systems, 2021, 40, 12339-12359.	0.8	1
678	Beta Products of Fuzzy Graphs with Application in Cryptography. New Mathematics and Natural Computation, 0, , 1-18.	0.4	0

#	Article	IF	CITATIONS
679	Fuzzy hypothesis testing: Systematic review and bibliography. Applied Soft Computing Journal, 2021, 106, 107331.	4.1	10
680	Domination in Join of Fuzzy Incidence Graphs Using Strong Pairs with Application in Trading System of Different Countries. Symmetry, 2021, 13, 1279.	1.1	8
681	Application of Fuzzy Logic to Evaluate the Economic Impact of COVID-19: Case Study of a Project-Oriented Travel Agency. Sustainability, 2021, 13, 9602.	1.6	3
682	Investigation on Automobile Fire and Its Root Causes. Smart Innovation, Systems and Technologies, 2022, , 445-457.	0.5	0
683	Review of uncertainty quantification, associated parables, and Raphael Tuvia Haftka's contributions. Structural and Multidisciplinary Optimization, 2021, 64, 2947-2957.	1.7	2
684	Development of Granular Fuzzy Relation Equations Based on a Subset of Data. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1416-1427.	8.5	4
685	A study on relational factors in information technology outsourcing: analyzing judgments of small and medium-sized supplying and contracting companies' managers. Journal of Business and Industrial Marketing, 2022, 37, 893-917.	1.8	15
686	Obtaining Data Values from Tourist Preferences. Sustainability, 2021, 13, 10276.	1.6	0
687	Modeling time series by aggregating multiple fuzzy cognitive maps. PeerJ Computer Science, 2021, 7, e726.	2.7	3
688	Cyclic connectivity index of fuzzy incidence graphs with applications in the highway system of different cities to minimize road accidents and in a network of different computers. PLoS ONE, 2021, 16, e0257642.	1.1	5
689	Design of a Reconfigurable Wall Disinfection Robot. Sensors, 2021, 21, 6096.	2.1	5
690	A Fuzzy Inference System for Management Control Tools. Mathematics, 2021, 9, 2145.	1.1	2
691	Integrated Approach to Construction Risk Management: Cost Implications. Journal of Construction Engineering and Management - ASCE, 2021, 147, 04021113.	2.0	10
692	Novel metaheuristic-based type-2 fuzzy inference system for predicting the compressive strength of recycled aggregate concrete. Journal of Cleaner Production, 2021, 320, 128771.	4.6	21
693	Improve performance and robustness of knowledge-based FUZZY LOGIC habitat models. Environmental Modelling and Software, 2021, 144, 105138.	1.9	9
694	Informing the management of multiple stressors on estuarine ecosystems using an expert-based Bayesian Network model. Journal of Environmental Management, 2022, 301, 113576.	3.8	11
695	Summary of over Fifty Years with Brain-Computer Interfaces—A Review. Brain Sciences, 2021, 11, 43.	1.1	93
696	Fuzzy Logic Systems. Studies in Systems, Decision and Control, 2021, , 57-87.	0.8	0

#	Article	IF	CITATIONS
697	Fuzzy AHP based performance evaluation of massive online courses provider for online learners. Materials Today: Proceedings, 2021, 46, 11103-11112.	0.9	14
700	Fuzzy Combinatorial Optimization Problems. , 2013, , 1357-1413.		5
702	Forensic Reasoning upon Pre-Obtained Surveillance Metadata Using Uncertain Spatio-Temporal Rules and Subjective Logic. Lecture Notes in Electrical Engineering, 2013, , 125-147.	0.3	3
703	Fuzzy Reasoning. , 2014, , 519-556.		3
705	Interpretability of Fuzzy Temporal Models. Advances in Intelligent Systems and Computing, 2019, , 223-234.	0.5	2
706	The Fuzzy Logic Gambit as a Paradigm of Lotfi's Proposals. Lecture Notes in Computer Science, 2019, , 231-235.	1.0	3
707	A Fuzzy Modeling Approach for Group Decision Making in Social Networks. Lecture Notes in Business Information Processing, 2019, , 74-85.	0.8	2
708	Neuro-Fuzzy System for the Evaluation of Soya Production and Demand in Brazilian Ports. IFIP Advances in Information and Communication Technology, 2019, , 87-94.	0.5	1
709	A Decision Making Approach Using Fuzzy Logic and ANFIS: A Retail Study Case. EAI/Springer Innovations in Communication and Computing, 2020, , 155-172.	0.9	3
710	Some Reflections on Fuzzy Set Theory as an Experimental Science. Communications in Computer and Information Science, 2014, , 546-555.	0.4	6
711	A New Approach to Multi-variable Fuzzy Forecasting Using Picture Fuzzy Clustering and Picture Fuzzy Rule Interpolation Method. Advances in Intelligent Systems and Computing, 2015, , 679-690.	0.5	34
712	Spatial-temporal Modeling of Linguistic Regions and Processes with Combined Indeterminate and Crisp Boundaries. Lecture Notes in Geoinformation and Cartography, 2016, , 133-151.	0.5	5
713	Multi-granularity Intelligent Information Processing. Lecture Notes in Computer Science, 2015, , 36-48.	1.0	3
714	A Proposal for a Method of Defuzzification Based on the Golden Ratio—GR. Advances in Intelligent Systems and Computing, 2016, , 75-84.	0.5	21
715	Practical Application of OFN Arithmetics inÂaÂCrisis Control Center Monitoring. Studies in Computational Intelligence, 2016, , 51-64.	0.7	24
716	Fuzzy Numbers Applied to a Heat Furnace Control. Studies in Fuzziness and Soft Computing, 2017, , 269-288.	0.6	11
717	Comparing Fuzzy Numbers Using Defuzzificators on OFN Shapes. Studies in Fuzziness and Soft Computing, 2017, , 99-132.	0.6	6
719	The Past, Present, and Future of Online Child Sexual Exploitation: Summarizing the Evolution of Production, Distribution, and Detection. , 2020, , 1225-1253.		7

#	Article	IF	CITATIONS
722	Visualizing Huge Image Databases by Formal Concept Analysis. Studies in Computational Intelligence, 2009, , 351-373.	0.7	3
723	Interpretability Assessment of Fuzzy Rule-Based Classifiers. Lecture Notes in Computer Science, 2009, , 155-162.	1.0	5
724	A Complete Logic for Fuzzy Functional Dependencies over Domains with Similarity Relations. Lecture Notes in Computer Science, 2009, , 261-269.	1.0	9
725	Decision Making with Second Order Information Granules. Intelligent Systems Reference Library, 2011, , 117-153.	1.0	6
727	Data Driven Generation of Fuzzy Systems: An Application to Breast Cancer Detection. Lecture Notes in Computer Science, 2011, , 203-214.	1.0	8
728	An Application of Generalized Interval-Valued Intuitionistic Fuzzy Soft Sets in a Decision Making Problem. Advances in Intelligent and Soft Computing, 2012, , 193-198.	0.2	1
729	Fuzzy Rule-Based to Predict the Minimum Surface Roughness in the Laser Assisted Machining (LAM). Lecture Notes in Electrical Engineering, 2014, , 627-632.	0.3	3
730	Interval Type-2 Mamdani Fuzzy Inference System for Morningness Assessment of Individuals. Advances in Intelligent Systems and Computing, 2017, , 679-693.	0.5	4
731	Ranking of educational institutions using fuzzy logic: a mathematical approach. Afrika Matematika, 2020, 31, 1295-1310.	0.4	5
732	Application of Fuzzy Logic in the Ranking of Academic Institutions. Fuzzy Information and Engineering, 2019, 11, 295-306.	1.0	6
733	A Fuzzy Based Sensor Web for Adaptive Prediction Framework to Enhance the Availability of Web Service. International Journal of Distributed Sensor Networks, 2016, 12, 4972061.	1.3	2
734	The Theory of Fuzzy Arithmetic in the Extended Domain of Fuzzy Numbers. Journal of Advanced Mathematics and Applications, 2014, 3, 165-175.	0.5	11
736	An expanded conceptualization of "smart―cities: adding value with fuzzy cognitive maps. E A M: Ekonomie A Management, 2018, 22, 4-21.	0.4	19
737	Ecosystem approach and the Fuzzy logic: a dialectical proposal for information on Environmental Health. Engenharia Sanitaria E Ambiental, 2012, 17, 363-368.	0.1	10
738	An Intuitionistic Fuzzy Based Novel Approach to CPU Scheduler. Current Medical Imaging, 2020, 16, 316-328.	0.4	2
740	An analysis about the measure quality of similarity and its applications in machine learning. , 2013, , .		9
741	Measuring Quality Policy Deployment: A Fuzzy Logic Approach. , 0, , .		1
742	A Fuzzy Reasoning Approach for Assessing Morningness of Individuals Using Reduced Version of Morningness-Eveningness Questionnaire. International Journal of Computational Intelligence Systems, 2017, 10, 347.	1.6	2

		CITATION REPORT		
#	Article		IF	CITATIONS
743	Modeling tourism climate indices through fuzzy logic. Climate Research, 2015, 66, 49	-63.	0.4	13
744	The Novel Paradigm of Economics Driven for Local Smart Sustain Cities Modeling Usin Factor Analysis and Planning Technique Using Fuzzy Evaluation Decision Making. Sust 12, 793.		1.6	3
745	Multi-attribute Decision Making with Uncertain Attribute Weight Information in the Fr Interval-valued Intuitionistic Fuzzy Set. Zidonghua Xuebao/Acta Automatica Sinica, 20		0.3	6
746	Fuzzy Linguistic Modelling in Multi Modal Human Computer Interaction. , 2012, , 64-7	9.		2
747	Intuitionistic Fuzzy Set Theory with Fair Share CPU Scheduler. Advances in Computatic and Robotics Book Series, 2017, , 126-153.	onal Intelligence	0.4	2
748	Lukaswize Triple-Valued Intuitionistic Fuzzy BCK/BCI-Subalgebras. Advances in Compu Engineering Book Series, 2020, , 191-212.	ter and Electrical	0.2	1
749	Inference Algebra (IA). International Journal of Cognitive Informatics and Natural Intelli 61-82.	igence, 2011, 5,	0.4	89
750	Formal Rules for Fuzzy Causal Analyses and Fuzzy Inferences. International Journal of S Science and Computational Intelligence, 2012, 4, 70-86.	Software	1.8	17
751	An Intelligent Fuzzy Based Energy Detection Approach for Cooperative Spectrum Sens Systems, 2016, 07, 1042-1050.	sing. Circuits and	0.1	8
752	Two-Phase Multi Objective Fuzzy Linear Programming Approach for Sustainable Irrigat Journal of Water Resource and Protection, 2013, 05, 642-651.	ion Planning.	0.3	9
753	Evaluation of E-Commerce Website Functionality Using a Mamdani Fuzzy System. Eng Technology & Applied Science Research, 2015, 5, 860-863.	;ineering,	0.8	6
754	Developing Biodata for Public Manager Selection Purposes: A Comparison between Fu Traditional Methods. Revista De Psicologia Del Trabajo Y De Las Organizaciones, 2020		0.9	12
755	A Fuzzy Logic-based Approach for Assessing the Quality of Business Process Models. ,	2017,,.		5
756	A Generalized Intuitionistic Fuzzy Soft Set Theoretic Approach to Decision Making Pro International Journal of Fuzzy Logic and Intelligent Systems, 2011, 11, 71-76.	blems.	0.6	16
757	Multiple Instance Mamdani Fuzzy Inference. International Journal of Fuzzy Logic and Ir Systems, 2015, 15, 217-231.	ntelligent	0.6	5
758	Optimized and Self-Organized Fuzzy Logic Controller for pH Neutralization Process. In Journal of Intelligent Systems and Applications, 2013, 5, 99-112.	ternational	0.9	2
759	Fuzzy logic in candidate-well selection for hydraulic fracturing in oil and gas wells: A cr review. International Journal of Physical Sciences, 2012, 7, .	itical	0.1	6
760	Characterization of Fuzzy Graphs into different categories using Arcs in Fuzzy Graphs. Fuzzy Set Valued Analysis, 0, 2014, 1-6.	Journal of	0.2	2

#	Article	IF	CITATIONS
761	Modeling manual material lifting risk evaluation: A fuzzy logic approach. International Journal of Applied Science and Engineering Research, 2013, 2, 44-59.	0.2	2
762	Analyzing data from a fuzzy rating scale-based questionnaire. A case study. Psicothema, 2015, 27, 182-91.	0.7	23
763	Personal Rehabilitation Exercise Assistant with Kinect and Dynamic Time Warping. International Journal of Information and Education Technology, 2013, , 448-454.	0.9	33
764	Neutrosophic Combination Rules Based on Dempster-Shafer Theory and Dezert-Smarandache Theory. Information Technology Journal, 2008, 7, 1023-1029.	0.3	0
766	Empirical Research on the Selection of Regional Key Technology for International S&T Cooperation. Understanding Complex Systems, 2010, , 245-254.	0.3	1
767	Comparing the Estimation Performance of the EPCU Model with the Expert Judgment Estimation Approach Using Data from Industry. Studies in Computational Intelligence, 2010, , 227-240.	0.7	5
768	Diagnosis from Bayesian Networks with Fuzzy Parameters – A Case in Supply Chains. Lecture Notes in Computer Science, 2010, , 353-362.	1.0	0
769	THE MODELING OF FUZZY SYSTEMS BASED ON LEE-OSCILLATORY CHAOTIC FUZZY MODEL (LoCFM). World Scientific Series on Nonlinear Science, Series B, 2010, , 57-62.	0.2	5
770	FUZZY LOGIC BASED QUALITY OF SERVICE MODELS. , 2011, , .		1
771	Default Reasoning for Forensic Visual Surveillance based on Subjective Logic and Its Comparison with L-Fuzzy Set Based Approaches. International Journal of Multimedia Data Engineering and Management, 2011, 2, 38-86.	0.3	0
772	Utilisation du web sémantique dans le raisonnement médical diagnostique. Domaine d'application: Les infections des voies urinaires de l'adulte. Informatique Et Santé, 2011, , 59-70.	0.1	3
773	An Intelligent Approach to Assess Tacit Knowledge Fitness in Networked Enterprises. International Journal of Technology Diffusion, 2011, 2, 1-18.	0.2	0
774	Generalized Intuitionistic Fuzzy Soft Sets. Journal of Korean Institute of Intelligent Systems, 2011, 21, 389-394.	0.0	4
775	Complexity as a Linguistic Variable. Complex Systems, 2011, 20, 253-264.	0.9	2
776	Fuzzy Application in Sustainability Assessment: A Case Study of Automotive Headlamp. , 2012, , 49-56.		0
777	Completeness Knowledge Representation in Fuzzy Description Logics. Communications in Computer and Information Science, 2012, , 164-173.	0.4	2
778	An Adaptive Fuzzy Logic Controller Trained by Particle Swarm Optimization for Line of Sight Stabilization. International Journal of Computer Applications, 2012, 39, 32-36.	0.2	2
779	Evolved Fuzzy Control System for a Steam Generator. , 0, , .		1

	CITATION REI	PORT	
#	ARTICLE Comparative Analysis of Conventional Pid Controller and Fuzzy Controller with various	IF	Citations
780	Defuzzification Methods in a Three Tank Level Control System. International Journal of Information Technology Control and Automation, 2012, 2, 75-86.	0.2	4
781	MAKING PRESENTATIONS USING FUZZY LOGIC IN A TOUR-GUIDE ROBOT. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 1263-1268.	0.1	0
782	Comparison of two kinds of fuzzy arithmetic, LR and OFN, applied to fuzzy observation of the cofferdam water level. Computer Science, 2013, 14, 443.	0.4	2
784	Fuzzy Sets and Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2013, , 1-64.	0.6	4
785	Interpretability of Fuzzy Systems. Lecture Notes in Computer Science, 2013, , 22-35.	1.0	9
786	An Intelligent Approach to Assess Tacit Knowledge Fitness in Networked Enterprises. , 2013, , 32-50.		0
787	Neural Control of Neutralization Process using Fuzzy Inference System based Lookup Table. International Journal of Computer Applications, 2013, 61, 16-22.	0.2	2
788	Default Reasoning for Forensic Visual Surveillance Based on Subjective Logic and its Comparison with L-Fuzzy Set Based Approaches. , 2013, , 51-94.		0
789	A Generalized Fuzzy Logic-Based Decision Theory. Studies in Fuzziness and Soft Computing, 2013, , 127-189.	0.6	1
791	Možnosti využitÃ-fuzzy teorie pro posuzovánÃ-úrovnÄ› motorických schopnostÃ . Studia Sportiva, 2013 73-80.	, 7 _{0.0}	0
792	The Generalized Solution for Initial Problems of Fuzzy Discontinuous Differential Equations. Advances in Intelligent Systems and Computing, 2014, , 229-240.	0.5	0
793	Mathematics of Fuzzy Control. Studies in Computational Intelligence, 2014, , 57-93.	0.7	0
794	Fuzzy Control. Studies in Computational Intelligence, 2014, , 95-135.	0.7	2
795	Gradual Concept of Truth. Fuzzy Management Methods, 2014, , 1-5.	0.1	0
796	Fuzzy Sets. , 2014, , 1-62.		0
797	Fuzziness and Induction. Fuzzy Management Methods, 2014, , 7-34.	0.1	0
799	Fuzzy MCDM Approach for Make or Buy Decision Problem. , 2014, , 978-995.		2
801	Process Knowledge Discovery in Social BPM. International Journal of Advanced Computer Science and Applications, 2014, 4, .	0.5	0

#	Article	IF	CITATIONS
802	Comparison of Crisp, Fuzzy and Possibilistic Threshold in Spatial Queries. Advances in Intelligent Systems and Computing, 2014, , 239-248.	0.5	4
803	Fuzzy Membership, Possibility, Probability and Negation in Biometrics. Acta Polytechnica Hungarica, 2014, 11, .	2.5	5
804	Modeling and analysis of process parameters in machining AISI 304 stainless steel using fuzzy logic. I-manager's Journal on Mechanical Engineering, 2014, 4, 18-26.	0.4	1
805	Fuzzy-Logic Multi-Agent System. , 2014, , .		1
806	A New Classification Scheme for Intrusion Detection Systems. International Journal of Computer Network and Information Security, 2014, 6, 56-70.	1.8	5
808	SHRINKING THE UNCERTAINTY IN ONLINE SALES PREDICTION WITH TIME SERIES ANALYSIS. ICTACT Journal on Soft Computing, 2014, 05, 869-874.	0.7	1
809	Computational Intelligence in Detecting Abnormal Pressure in the Diabetic Foot. , 2015, , 5523-5533.		0
810	Improving the COSMIC Approximate Sizing Using the Fuzzy Logic EPCU Model. Lecture Notes in Business Information Processing, 2015, , 192-208.	0.8	2
811	Placing the Framework within the Fuzzy Logic World. Advances in Educational Technologies and Instructional Design Book Series, 2015, , 148-167.	0.2	0
812	Five Capabilities Model Applied to Multi-Robot Systems. International Journal of Advanced Pervasive and Ubiquitous Computing, 2015, 7, 57-88.	0.4	0
813	Graduated Conjectures. Studies in Fuzziness and Soft Computing, 2015, , 341-355.	0.6	0
815	Aplicación educativa de la lógica difusa a la situación ambiental del humedal Cauquita (JamundÃ) Tj ETQq1 1	0.784314	rgBT /Overld
816	A Relational Database Model for Science Mapping Analysis. Acta Polytechnica Hungarica, 2015, 12, .	2.5	7
817	USO DO SISTEMA LÓGICO FUZZY NO CONTROLE DA POTÊNCIA APLICADA AO MOTOR DO SISTEMA DE VENTILAÇÃO DE UM GASEIFICADOR/COMBUSTOR PARA PRODUÇÃO DE CALOR. Revista Ifes Ciência, 2015, 62-76.	lĢ.1	0
818	On Fuzzy Qualitative and Quantitative Softgoal Interdependency Graph. International Journal of Computer Applications, 2015, 122, 30-35.	0.2	1
819	Customer love: Research on the ranking of food and beverage locations. Management and Marketing, 2015, 10, 103-117.	0.8	0
820	Averages on Lattices. Studies in Fuzziness and Soft Computing, 2016, , 305-345.	0.6	1
821	En la encrucijada de la autoficción: algunas propuestas de análisis. ¿Hay luz al final del yo?. TropelÃas: Revista De TeorÃa De La Literatura Y Literatura Comparada, 2016, , 165.	0.0	0

#	ARTICLE	IF	CITATIONS
822	The Determinants of Containerised Grain Shipping. , 2016, , 215-230.		0
823	Law and the New Logics. , 2017, , .		24
824	OCR - The 3 Layered Approach for Classification and Identification of Telugu Hand Written Mixed Consonants and Conjunct Consonants by Using Advanced Fuzzy Logic Controller. , 2016, , .		0
825	GRAPH MODELING OF THE GRAIN PROCESSING ENTERPRISE FOR SECONDARY EXPLOSION ESTIMATIONS. Avtomatizaciâ TehnologiÄeskih I Biznes-Processov, 2016, 8, .	0.1	0
826	Fuzzy Logic Controller for Boiler Temperature Control using LabVIEW and Matlab. International Journal of Control and Automation, 2016, 9, 89-104.	0.3	4
828	Fuzzy Logic System Based on Canvas Model to Evaluate the Initial Viability of a Business Proposal. Communications in Computer and Information Science, 2017, , 365-377.	0.4	2
830	Fuzzy Time Series. Advances in Business Information Systems and Analytics Book Series, 2017, , 258-290.	0.3	0
831	A Fuzzy based Model for Effort Estimation in Scrum Projects. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	5
832	Integration of Game Theory in \$\$R^{2}\$\$ -IBN Framework for Conflict Resolution in a Multi-agents Model of an Extended Enterprise. Advances in Intelligent Systems and Computing, 2017, , 88-98.	0.5	0
833	Intuitionistic Fuzzy Set Theory with Fair Share CPU Scheduler. , 2017, , 321-346.		0
835	Simulation and evaluation of system of fuzzy linear Fredholm integro-differential equations with fuzzy neural network. Neural Computing and Applications, 2019, 31, 3481-3491.	3.2	2
837	Fuzzy Networks Model, a Reliable Adoption in Corporations. Lecture Notes in Computer Science, 2018, , 28-41.	1.0	2
838	FUZZY DISCRETIZATION TECHNIQUE FOR BAYESIAN FLOOD DISASTER MODEL. Journal of Information and Communication Technology, 0, , .	0.3	0
839	Boolean center of lattice ordered EQ-algebras with bottom element. Algebraic Structures and Their Applications, 2018, 5, 51-58.	0.0	1
840	A Minimum Spanning Tree Algorithm Based on Fuzzy Weighted Distance. Advances in Intelligent Systems and Computing, 2019, , 81-89.	0.5	0
841	The Past, Present, and Future of Online Child Sexual Exploitation: Summarizing the Evolution of Production, Distribution, and Detection. , 2019, , 1-29.		2
842	A Theoretical Development on Market Risk with Fuzzy Logic. SSRN Electronic Journal, 0, , .	0.4	0
843	Research Project to Introduce MORE Fuzzy Distance: â€~Distance Between Points in Facility Layout Problem'. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	CITATIONS
844	A Fuzzy Neural Tree for the Evaluation of Shape in an Architectural Design. Advances in Intelligent Systems and Computing, 2020, , 238-246.	0.5	0
845	Fuzzy Optimization and Reasoning Approaches. Studies in Fuzziness and Soft Computing, 2020, , 43-66.	0.6	0
846	Application of Fuzzy Logic in Selection of Best Well for Hydraulic Fracturing in Oil and Gas Fields. Advances in Intelligent Systems and Computing, 2020, , 413-419.	0.5	0
847	Una base conceptual para la construcción de un modelo matemático borroso para la medición de impactos sociales. Apuntes Contables, 2019, , 9-23.	0.1	0
849	Genetic Optimization of Type-1, Type-2 and Intuitionistic Fuzzy Recognition Systems. Advances in Intelligent Systems and Computing, 2021, , 273-291.	0.5	0
850	Fuzzy Graph Modelling of Anonymous Networks. Advances in Intelligent Systems and Computing, 2021, , 432-444.	0.5	3
852	Why Not Fuzzy Logic?. , 2020, , 29-40.		1
853	The Automatic option of inference rules for the fuzzy TF-IDF. , 2020, , .		1
854	Fuzzy logic approach for knowledge modeling in an Ontology: A review. , 2020, , .		1
855	¿CUÃNTO SE HA AVANZADO EN PROPORCIONAR ANALÃTICA E INTELIGENCIA DE NEGOCIOS A LAS PYMES?. Investigacion & Desarrollo, 2020, 19, 167-175.	0.3	3
856	Granular Computing. , 2020, , 1-3.		0
857	Human, Organizational Factors and Mental Workload for Tunnel Operators in Emergency Situations. Communications in Computer and Information Science, 2020, , 175-191.	0.4	0
858	Determining Topological Relationship of Fuzzy Spatiotemporal Data in XML. Studies in Computational Intelligence, 2020, , 101-121.	0.7	0
859	Association Models to Select the Best Rules for Fuzzy Inference System. Advances in Intelligent Systems and Computing, 2020, , 349-357.	0.5	4
860	Inference Algebra (IA). , 0, , 159-177.		0
861	Fuzzy Linguistic Modelling in Multi Modal Human Computer Interaction. , 0, , 1481-1496.		0
862	A New Technology of Fuzzy Logic in Machinery Monitoring. Advances in Computer and Electrical Engineering Book Series, 0, , 1-15.	0.2	0
863	Fuzzy Time Series. , 0, , 157-190.		0

#	Article	IF	CITATIONS
864	Fuzzy Systems Interpretability: What, Why and How. Studies in Fuzziness and Soft Computing, 2021, , 111-122.	0.6	3
865	Application of fuzzy logic system for the pizza production processing optimisation. Journal of Food Engineering, 2022, 319, 110906.	2.7	1
866	Assuring Autonomous UAS Traffic Management Systems Using Explainable, Fuzzy Logic, Black Box Monitoring. , 2021, , .		4
867	Fuzzy - Based Multi - Criteria Decision Support System for Maintenance Management of Wastewater Treatment Plants. Civil and Environmental Engineering, 2021, 17, 654-672.	0.4	1
868	A New Neutrosophic Negative Binomial Distribution: Properties and Applications. Journal of Mathematics, 2021, 2021, 1-12.	0.5	3
869	A relational database model and algebra integrating fuzzy attributes and probabilistic tuples. Fuzzy Sets and Systems, 2021, , .	1.6	0
870	Time series prediction based on high-order intuitionistic fuzzy cognitive maps with variational mode decomposition. Soft Computing, 2022, 26, 189-201.	2.1	9
872	Performance prediction, optimal design and operational control of thermal energy storage using artificial intelligence methods. Renewable and Sustainable Energy Reviews, 2022, 156, 111977.	8.2	32
873	Sezgisel bulanık çok uzmanlı & çok ölçütlü karar verme metodolojisi: sağlık sektöründe bir u Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	ygulama.	1
874	An Adaptive Fuzzy-Based Two-Layered HRRN CPU Scheduler. International Journal of Fuzzy System Applications, 2022, 11, 1-20.	0.5	0
875	Biological assessment of western USA sandy bottom rivers based on modeling historical and current fish and macroinvertebrate data. River Research and Applications, 0, , .	0.7	3
876	Feasible Treatment Selection for Routine Maintenance of Flexible Pavement Sing Fuzzy Logic Expert System. Lecture Notes in Civil Engineering, 2022, , 167-183.	0.3	1
878	A fuzzy based sustainability assessment tool for small island states. Current Research in Environmental Sustainability, 2022, 4, 100123.	1.7	2
879	An alternative approach to determination of Covid-19 personal risk index by using fuzzy logic. Health and Technology, 2022, 12, 569-582.	2.1	7
880	A biological condition gradient for Caribbean coral reefs: Part II. Numeric rules using sessile benthic organisms. Ecological Indicators, 2022, 135, 108576.	2.6	9
881	Fuzzy logic based cross-layer design to improve Quality of Service in Mobile ad-hoc networks for Next-gen Cyber Physical System. Engineering Science and Technology, an International Journal, 2022, 35, 101099.	2.0	11
882	Granular Computing. , 2022, , 531-533.		0
883	Analytic description to the fuzzy efficiencies in fuzzy standard Data Envelopment Analysis. Procedia Computer Science, 2022, 199, 487-494.	1.2	3

#	Article	IF	CITATIONS
884	Empirical (α, β)-acceptable optimal values to full fuzzy linear fractional programming problems. Procedia Computer Science, 2022, 199, 34-39.	1.2	2
885	Al-Based Modeling: Techniques, Applications and Research Issues Towards Automation, Intelligent and Smart Systems. SN Computer Science, 2022, 3, 158.	2.3	186
886	New Concepts in the Vague Graph Structure with an Application in Transportation. Journal of Function Spaces, 2022, 2022, 1-11.	0.4	8
887	Algorithm for Configuring Sugeno-Type Fuzzy Inference Systems Based on the Nearest Neighbor Method for Use in Cyber-Physical Systems. Studies in Systems, Decision and Control, 2022, , 83-97.	0.8	7
889	Connectivity Index in Vague Graphs with Application in Construction. Discrete Dynamics in Nature and Society, 2022, 2022, 1-15.	0.5	1
890	An Efficient Adaptive Fuzzy Hierarchical Sliding Mode Control Strategy for 6 Degrees of Freedom Overhead Crane. Electronics (Switzerland), 2022, 11, 713.	1.8	5
891	A Temporal Case-Based Reasoning Platform Relying on a Fuzzy Vector Spaces Object-Oriented Model and a Method to Design Knowledge Bases and Decision Support Systems in Multiple Domains. Algorithms, 2022, 15, 66.	1.2	0
892	New Results in Vague Incidence Graphs with Application. Journal of Function Spaces, 2022, 2022, 1-7.	0.4	2
893	The study of cross-validated bagging fuzzy-ID3 algorithm for breast cancer classification. Journal of Intelligent and Fuzzy Systems, 2022, 43, 2567-2577.	0.8	3
894	A Study on Vague Graph Structures with an Application. Advances in Mathematical Physics, 2022, 2022, 1-14.	0.4	3
895	Fuzzy Semantic Models of Fuzzy Concepts in Fuzzy Systems. International Journal of Fuzzy Systems and Advanced Applications, 2022, 9, 57-62.	0.2	0
896	Water Supply Management Index: Leon, Guanajuato, Mexico. Water (Switzerland), 2022, 14, 919.	1.2	4
897	Certain Concepts in Vague Graph with an Application. Discrete Dynamics in Nature and Society, 2022, 2022, 1-8.	0.5	0
898	A novel three-stage fuzzy GIS-MCDA approach to the dry port site selection problem: A case study of Shahid Rajaei Port in Iran. Computers and Industrial Engineering, 2022, 168, 108112.	3.4	11
899	Residential Demand Side Management model, optimization and future perspective: A review. Energy Reports, 2022, 8, 3727-3766.	2.5	68
900	Multiple input multiple output fuzzy control for pulsed electrochemical micro machining. , 2021, , .		0
901	Assessment of Quality in Saudi Arabian Roadways. International Journal of Scientific Research in Science, Engineering and Technology, 2021, , 209-219.	0.1	0
902	Comprehensive Knowledge-Driven Al System for Air Classification Process. Materials, 2022, 15, 45.	1.3	3

#	Article	IF	CITATIONS
903	A Novel Description on Vague Graph with Application in Transportation Systems. Journal of Mathematics, 2021, 2021, 1-11.	0.5	46
904	Fractional entropy and its applications in fuzzy c-means clustering. , 2022, , .		0
905	Certain Concepts of Interval-Valued Intuitionistic Fuzzy Graphs with an Application. Advances in Mathematical Physics, 2022, 2022, 1-12.	0.4	6
908	Eficacia de procesamiento de los entrañamientos y de las implicaturas conversacionales generalizadas: la lógica deductiva y la lógica por defecto. Circulo De Linguistica Aplicada A La Comunicacion, 0, 90, 109-123.	0.2	0
909	Novel Concepts in Bipolar Fuzzy Graphs with Applications. Journal of Mathematics, 2022, 2022, 1-9.	0.5	2
910	Novel Concepts in Vague Graphs with Application in Hospital's Management System. Journal of Mathematics, 2022, 2022, 1-9.	0.5	2
911	Some properties of line graphs. AIP Conference Proceedings, 2022, , .	0.3	0
912	Adapting approaching proxemics of a service robot based on physical user behavior and user feedback. User Modeling and User-Adapted Interaction, 2023, 33, 195-220.	2.9	2
913	Individual level spatial-temporal modelling of exposure potential of livestock in the Cove Wash watershed, Arizona. Annals of GIS, 2023, 29, 87-107.	1.4	1
914	The Iron Range Engineering (IRE) Model for Project Based Learning in Engineering. , 0, , .		0
915	Fuzzy Autoregressive Distributed Lag model-based forecasting. Fuzzy Sets and Systems, 2023, 459, 82-94.	1.6	4
916	Some Results in Neutrosophic Cubic Graphs with an Application in School's Management System. Journal of Mathematics, 2022, 2022, 1-19.	0.5	0
917	Electricity production and consumption modeling through fuzzy logic. International Journal of Intelligent Systems, 2022, 37, 8348-8364.	3.3	6
918	Bespoke Fuzzy Logic Design to Automate a Better Understanding of Running Gait Analysis. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2178-2185.	3.9	3
920	ABAC: Alternative by alternative comparison based multi-criteria decision making method. Expert Systems With Applications, 2022, 208, 118174.	4.4	4
921	Student's performance evaluation according to the cognitive domain: fuzzy logic approach. Journal of Physics: Conference Series, 2022, 2286, 012014.	0.3	0
922	Introducing the Software CASE (Cluster and Analyze Sound Events) by Comparing Different Clustering Methods and Audio Transformation Techniques Using Animal Vocalizations. Animals, 2022, 12, 2020.	1.0	1
923	The Ontogeny of Vocal Sequences: Insights from a Newborn Wild Chimpanzee (Pan troglodytes) Tj ETQq1 1 0.7	'84314 rgB	T /Overlock

#	Article		CITATIONS
924	Parkinsonian Oscillations and Their Suppression by Closed-Loop Deep Brain Stimulation Based on Fuzzy Concept. Chinese Physics B, 0, , .	0.7	0
925	Perception Enhancement and Improving Driving Context Recognition of an Autonomous Vehicle Using UAVs. Journal of Sensor and Actuator Networks, 2022, 11, 56.	2.3	2
926	Connectivity Concepts in Intuitionistic Fuzzy Incidence Graphs with Application. International Journal of Applied and Computational Mathematics, 2022, 8, .	0.9	4
927	A review on Al Safety in highly automated driving. Frontiers in Artificial Intelligence, 0, 5, .	2.0	3
928	A methodology for controlling the information quality in interval-valued fusion processes: Theory and application. Knowledge-Based Systems, 2022, 258, 109963.	4.0	3
929	Learning From Failure: A Case Study Of Human Driven Risk Assessment In Medical Simulator Design. Proceedings of the Human Factors and Ergonomics Society, 2022, 66, 1932-1936.	0.2	0
930	Use of the Theory of Fuzzy Sets in Determining the Level of Enterprise Security. , 2022, , .		1
931	Fuzzy systems research in the United States of America and Canada: a bibliometric overview. Information Sciences, 2022, , .	4.0	1
933	On training non-uniform fuzzy partitions for function approximation using differential evolution: A study on fuzzy transform and fuzzy projection. Information Sciences, 2023, 619, 867-888.	4.0	2
934	Conceptual Framework For Optimized Pipeline Selection For Brain Tractography Using Multi-Criteria Decision Analysis. , 2022, , .		0
935	Empower saving energy into smart communities using social products with a gamification structure for tailored Human–Machine Interfaces within smart homes. International Journal on Interactive Design and Manufacturing, 2023, 17, 1363-1387.	1.3	2
936	Multiâ€aspects <scp>Al</scp> â€based modeling and adversarial learning for cybersecurity intelligence and robustness: A comprehensive overview. Security and Privacy, 2023, 6, .	1.9	4
939	Application of the Methodology and Tools of Bayesian Intelligent Technologies and Intelligent IIoT in the Management of Cyber-Physical Systems under Conditions of Uncertainty. Lecture Notes in Networks and Systems, 2023, , 575-588.	0.5	0
940	Adoption and utilization of medical decision support systems in the diagnosis of febrile Diseases: A systematic literature review. Expert Systems With Applications, 2023, 220, 119638.	4.4	4
941	Identifying factors affecting irrigation metrics in the Haor basin using integrated Shannon's entropy, fuzzy logic and automatic linear model. Environmental Research, 2023, 226, 115688.	3.7	10
942	Interval incremental learning of interval data streams and application to vehicle tracking. Information Sciences, 2023, 630, 1-22.	4.0	2
943	Decoding the impacts of space and time on honey bees: GIS based fuzzy AHP and fuzzy overlay to assess land suitability for apiary sites in Queensland, Australia. Applied Geography, 2023, 155, 102951.	1.7	3
944	Multi-criteria decision making for nuclear power plant selection using fuzzy AHP: Evidence from Indonesia. Energy and Al, 2023, 14, 100263.	5.8	9

		CITATION REPORT		
#	Article	I	F	CITATIONS
945	Ammonia Production as Alternative Energy for the Baltic Sea Region. Energies, 2023, 16, 18	31. 1	.6	2
946	A fuzzy risk assessment model used for assessing the introduction of African swine fever int Australia from overseas. Artificial Intelligence in Agriculture, 2023, 7, 27-34.	to 4	1.4	2
947	New concepts on level graphs of vague graphs with application in medicine. Frontiers in Phy	vsics, 0, 11, . 1	1.0	0
948	Fuzzy model for quantitative assessment of the epidemic risk of African Swine Fever within Preventive Veterinary Medicine, 2023, 213, 105884.	Australia. o).7	0
949	"Dede Korkud―Epos in Light of Fuzzy Logic. Lecture Notes in Networks and Systems, 2	2023, , 634-636.).5	0
950	An Emotional Model Based on Fuzzy Logic and Social Psychology for a Personal Assistant Re Applied Sciences (Switzerland), 2023, 13, 3284.	bbot. 1	l.3	1
952	Application of Fuzzy Logic and SNA Tools to Assessment of Communication Quality betwee Construction Project Participants. Sustainability, 2023, 15, 5653.	n 1	.6	4
954	Efficiency measurement based on novel performance measures in total productive mainten using a fuzzy integrated COPRAS and DEA method. , 0, 3, .	ance (TPM)		0
955	Deep Learning-based Advancement in Fuzzy Logic Controller. , 2023, , .			0
956	Fuzzy-Petri-Networks in Supervisory Control of Markov Processes in Robotized FMS and Rol Systems. Studies in Computational Intelligence, 2023, , 17-48.	botic d).7	0
957	Statemental algebra and truth calculus for unmanned systems. , 2023, , .			2
959	Fuzzy Condition Indicator of Spindle of Machining Center Based on Vibration Parameters. A Condition Monitoring, 2023, , 203-211.	pplied o).4	1
960	Statemental analysis for intelligent systems. , 2023, , .			0
961	Credibility logic for artificial intelligence. , 2023, , .			1
968	Modeling of energy management with electric load curve using fuzzy logic system for office electricity consumers. AIP Conference Proceedings, 2023, , .	2).3	0
969	Plant Disease Diagnosis and Detection using Type-2 Fuzzy Logic System. , 2023, , .			0
971	Cancer Diagnosis Using Artificial Intelligence (AI) and Internet of Things (IoT). Advances in H Information Systems and Administration Book Series, 2023, , 50-71.	lealthcare).2	0
974	Narrowband Spectrum Sensing: Fuzzy Logic Versus Deep Learning Systems. , 2023, , .			0

			CITATION REPORT		
#	Article			IF	Citations
975	The Inevitability ofÂVagueness inÂFuzzy Logic. Lecture Notes in Computer Science, 202	23,,3-13.		1.0	0
982	A Method for Designing the Requirements of an Information System Using Patterns Un Environment. Lecture Notes in Networks and Systems, 2023, , 437-444.	der Fuzzy		0.5	0
988	Phenotropic Interaction. Fuzzy Management Methods, 2024, , 21-32.			0.1	0
993	Fuzzy Logic Approach in the Social Sciences. , 2023, , 2629-2634.				0
994	Fuzzy Risk Model for Research and Development Department in Clinical Laboratory. , 20	023,,.			0
997	A short review on multidigraph and autocatalytic set. AIP Conference Proceedings, 202	4, , .		0.3	0
1000	History of Fuzzy Sets. , 2024, , 13-26.				0