The concept of a linguistic variable and its application t

Citation Report

#	ARTICLE	IF	CITATIONS
1	On some parameters associated to fuzzy variables and fuzzy dependence. , 0, , .		0
2	Context-based fuzzy system for optimization. , 0, , .		0
3	Microtuning of membership functions: accuracy vs. interpretability. , 0, , .		2
4	Reasoning and retrieval based on similarity and satisfaction. , 0, , .		1
5	On constructing fuzzy membership functions and applications in fuzzy neural networks. , 0, , .		0
6	Learning linguistic context for linguistic oriented fuzzy control. , 0, , .		0
7	Fuzzy associative memory in conceptual design. , 0, , .		4
8	Analyzing and extending hierarchical systems of linguistic rules. , 0, , .		0
9	A fuzzy-algorithmic approach to the definition of complex or imprecise concepts. International Journal of Man-Machine Studies, 1976, 8, 249-291.	0.7	521
10	Second IFAC round table on fuzzy automata and decision processes. Automatica, 1976, 12, 291-296.	5.0	5
12	Analyzing a real world scene sequence using fuzziness. , 1977, , .		6
13	Decisionmaking in the presence of fuzziness and uncertainty. , 1977, , .		4
14	ENVIRONMENTAL LANGUAGES AND THE FUNCTIONAL BASES OF ANIMAL BEHAVIOR. , 1977, , 145-201.		9
15	Fuzzy Sets and Their Application to Pattern Classification and Clustering Analysis. , 1977, , 251-299.		86
16	On fuzziness and linguistic probabilities. Journal of Mathematical Analysis and Applications, 1977, 61, 658-671.	1.0	29
17	Linguistic characterization of preference relations as a basis for choice in social systems. Erkenntnis, 1977, 11, 383-410.	0.9	13
18	Fuzzy sets as a basis for a theory of possibility. Fuzzy Sets and Systems, 1978, 1, 3-28.	2.7	7,654
19	Resolution of Eigen fuzzy sets equations. Fuzzy Sets and Systems, 1978, 1, 69-74.	2.7	141

#	ARTICLE	IF	CITATIONS
20	PRUFâ€"a meaning representation language for natural languages. International Journal of Man-Machine Studies, 1978, 10, 395-460.	0.7	576
21	Linguistic models and fuzzy truths. International Journal of Man-Machine Studies, 1978, 10, 483-494.	0.7	16
22	An isolated-word recognizer based on grammar-controlled classification processes. Pattern Recognition, 1978, 10, 73-84.	8.1	7
23	A note on the extension principle for fuzzy sets. Journal of Mathematical Analysis and Applications, 1978, 64, 369-380.	1.0	629
24	A Generalized Fuzzy-Set Theory. IEEE Transactions on Systems, Man, and Cybernetics, 1978, 8, 756-760.	0.9	11
25	Fuzzy random variablesâ€"I. definitions and theorems. Information Sciences, 1978, 15, 1-29.	6.9	1,055
26	On possibility qualification in natural languages. Information Sciences, 1978, 15, 45-76.	6.9	30
27	fstds System: A fuzzy-set manipulation system. Information Sciences, 1978, 14, 115-159.	6.9	54
28	Application of fuzzy sets for the analysis of complex scenes. , 1978, , .		4
29	VALIDATION OF FUZZY-LINGUISTIC MODELS. Journal of Cybernetics, 1978, 8, 17-30.	0.3	12
30	Integration of featural information in speech perception.. Psychological Review, 1978, 85, 172-191.	3.8	483
31	A note on probabilities of fuzzy events. Information Sciences, 1979, 18, 113-129.	6.9	69
32	Towards an analysis of linguistic modelling. Fuzzy Sets and Systems, 1979, 2, 293-307.	2.7	21
33	Fuzzy real algebra: Some results. Fuzzy Sets and Systems, 1979, 2, 327-348.	2.7	352
34	Some mathematical tools for linguistic probabilities. Fuzzy Sets and Systems, 1979, 2, 53-65.	2.7	39
35	Inverses of fuzzy relations. Application to possibility distributions and medical diagnosis. Fuzzy Sets and Systems, 1979, 2, 75-86.	2.7	134
36	A model of fuzzy team decision. Fuzzy Sets and Systems, 1979, 2, 201-212.	2.7	18
37	On the satisfaction of a fuzzy relation by a set of inputs. International Journal of Man-Machine Studies, 1979, 11, 397-404.	0.7	3

#	Article	IF	Citations
38	Operations in a fuzzy-valued logic. Information and Control, 1979, 43, 224-240.	1.1	148
39	Finite linearly ordered fuzzy sets with applications to decisions. International Journal of Man-Machine Studies, 1980, 12, 299-323.	0.7	14
40	An approach to inference in approximate reasoning. International Journal of Man-Machine Studies, 1980, 13, 323-338.	0.7	137
41	Some considerations on fuzzy conditional inference. Fuzzy Sets and Systems, 1980, 4, 243-273.	2.7	172
42	L.P.L.â€"A fuzzy programming language: 2. Semantic aspects. Fuzzy Sets and Systems, 1980, 3, 261-289.	2.7	18
43	On the fuzzy team decision in a changing environment. Fuzzy Sets and Systems, 1980, 3, 137-150.	2.7	23
44	L.P.L. a fuzzy programming language: 1. Syntactic aspects. Fuzzy Sets and Systems, 1980, 3, 151-179.	2.7	27
45	On the lack of inverses in fuzzy arithmetic. Fuzzy Sets and Systems, 1980, 4, 73-82.	2.7	41
46	A Fuzzy-Fuzzy Relation and its Application to the Clustering Technique. Behaviormetrika, 1980, 7, 15-22.	1.3	5
48	Fuzzy Measures. Probabilities/Possibilities. Mathematics in Science and Engineering, 1980, 144, 125-147.	0.1	1
49	Operations Research with Fuzzy Data. , 1980, , 155-170.		9
50	Special issue on knowledge representation. ACM SIGART Bulletin, 1980, , 1-138.	0.5	54
51	Evaluation and integration of acoustic features in speech perception. Journal of the Acoustical Society of America, 1980, 67, 996-1013.	1.1	82
52	The ABACON Chartâ€"A visual aid to benefit assessment. Social Science Information Studies: SSIS, 1980, 1, 23-30.	0.1	0
53	Use of Fuzzy Algorithms for Phonetic and Phonemic Labeling of Continuous Speech. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1980, PAMI-2, 136-148.	13.9	44
54	Additions of interactive fuzzy numbers. IEEE Transactions on Automatic Control, 1981, 26, 926-936.	5.7	251
55	Fuzzy Linear Programming Based on Fuzzy Functions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1981, 14, 785-790.	0.4	4
56	Ultrafuzzy team decisions in a dynamic environment. Information Sciences, 1981, 23, 105-122.	6.9	3

#	ARTICLE	IF	CITATIONS
57	Imprecision of specification of information systems parameters: A study of decision point probabilities. Information Systems, 1981, 6, 101-109.	3.6	3
58	Characteristics of interest and fuzzy subsets. Information Sciences, 1981, 24, 121-134.	6.9	9
59	The systems approach and fuzzy set theory bridging the gap between mathematical and language-oriented economists. Fuzzy Sets and Systems, 1981, 6, 209-233.	2.7	10
60	Convex fuzzy random variables. Fuzzy Sets and Systems, 1981, 6, 271-283.	2.7	44
61	Some comments on fuzzy variables. Fuzzy Sets and Systems, 1981, 6, 285-292.	2.7	35
62	On the inclusiveness of information retrieval systems with documents indexed by weighted descriptors. Fuzzy Sets and Systems, 1981, 5, 159-176.	2.7	14
63	Representation theorems for L-fuzzy quantities. Fuzzy Sets and Systems, 1981, 5, 83-107.	2.7	49
64	Fuzzy characterization of coronary disease. Fuzzy Sets and Systems, 1981, 5, 245-258.	2.7	24
65	Fuzzy team decision problems in a sales organization. European Journal of Operational Research, 1981, 8, 256-263.	5.7	5
66	Data base design constrained by traffic load estimates. Information Systems, 1981, 6, 267-282.	3.6	7
67	Equivalence, reduction and minimization of finite fuzzy-automata. Journal of Mathematical Analysis and Applications, 1981, 84, 270-281.	1.0	15
68	The IF THEN ELSE statement and interval-valued fuzzy sets of higher type. International Journal of Man-Machine Studies, 1981, 15, 385-455.	0.7	115
69	POTENTIAL IMPACT OF FUZZY SETS ON THE SOCIAL SCIENCES. Cybernetics and Systems, 1981, 12, 21-35.	2.5	14
70	BINARY ANSWERS TO IMPRECISE QUESTIONS. Kybernetes, 1982, 11, 285-295.	2.2	3
71	An Application of Fuzzy Integral to Medical Diagnosis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1982, 15, 449-454.	0.4	1
72	Algorithms for Interactive Multicriteria Optimal Design of Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1982, 15, 331-337.	0.4	3
73	Understanding: A Variable-Depth Process. Advances in Psychology, 1982, , 325-337.	0.1	0
74	Imprecision in Computer Vision. Computer, 1982, 15, 39-48.	1.1	16

#	ARTICLE	IF	CITATIONS
75	Inference procedures under uncertainty for the problem-reduction method. Information Sciences, 1982, 28, 179-206.	6.9	108
76	Some remarks on a paper by R. R. Yager. Information Sciences, 1982, 27, 211-220.	6.9	13
77	Fuzzy system identification via probabilistic sets. Information Sciences, 1982, 28, 21-43.	6.9	7
78	Fuzzy prediction based on regression models. Information Sciences, 1982, 26, 45-63.	6.9	50
79	Towards fuzzy differential calculus part 1: Integration of fuzzy mappings. Fuzzy Sets and Systems, 1982, 8, 1-17.	2.7	261
80	A new approach to fuzzy programming. Fuzzy Sets and Systems, 1982, 7, 139-152.	2.7	30
81	A model of the executive's decision processes in new product development. Fuzzy Sets and Systems, 1982, 7, 227-241.	2.7	22
82	Reliability analysis : Optimal inspection and maintenance schedules of failing systems. Microelectronics Reliability, 1982, 22, 59-115.	1.7	46
83	Probabilistic methods for the evaluation of seismic damage of existing structures. International Journal of Soil Dynamics and Earthquake Engineering, 1982, 1, 130-135.	0.2	11
84	Potential applications of fuzzy sets in Civil Engineering. International Journal of Man-Machine Studies, 1983, 19, 9-18.	0.7	23
85	Human reliability and safety evaluation of man-machine systems. Automatica, 1983, 19, 719-722.	5.0	21
86	Multi-criteria analysis of the impacts of energy alternatives: A survey and a new comparative approach. European Journal of Operational Research, 1983, 13, 278-299.	5.7	97
87	An impossibility theorem for indicators aggregation. Fuzzy Sets and Systems, 1983, 9, 205-210.	2.7	15
88	Hyperspaces of fuzzy sets. Fuzzy Sets and Systems, 1983, 9, 287-311.	2.7	21
89	Some relationships between possibility, truth and certainty. Fuzzy Sets and Systems, 1983, 11, 151-156.	2.7	20
90	The role of fuzzy logic in the management of uncertainty in expert systems. Fuzzy Sets and Systems, 1983, 11, 199-227.	2.7	1,260
91	On the design of a classifier with linguistic variables as inputs. Fuzzy Sets and Systems, 1983, 11, 265-286.	2.7	29
92	A theoretical background for applying fuzzy set theory in information retrieval. Fuzzy Sets and Systems, 1983, 10, 169-183.	2.7	7

#	ARTICLE	IF	CITATIONS
93	On (â„⟨L), âŠ•). Fuzzy Sets and Systems, 1983, 10, 203-209.	2.7	49
94	Human system interface concerns in support system design. Automatica, 1983, 19, 595-603.	5.0	19
95	Opposites and measures of extremism in concepts and constructs. International Journal of Man-Machine Studies, 1983, 18, 307-322.	0.7	1
96	Generalized Boolean methods of information retrieval. International Journal of Man-Machine Studies, 1983, 18, 407-439.	0.7	32
97	Fuzzy measures assuming their values in the set of fuzzy numbers. Journal of Mathematical Analysis and Applications, 1983, 93, 312-323.	1.0	17
98	Fuzzy numbers. Journal of Mathematical Analysis and Applications, 1983, 92, 301-341.	1.0	78
99	A computational approach to fuzzy quantifiers in natural languages. Computers and Mathematics With Applications, 1983, 9, 149-184.	2.7	1,536
100	A Fuzzy Set Approach to Aggregating Internal Control Judgments. Management Science, 1983, 29, 317-334.	4.1	18
101	Fuzzy Structural Modellingâ€"An Aid for Decision Making. Advances in Psychology, 1983, 14, 237-252.	0.1	1
102	Measurement of Fuzziness: An Interpretation of the Axioms of Measurement. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 97-102.	0.4	6
103	Fuzzy Decision Analysis in the Tasks of Electric Network Development. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 289-294.	0.4	1
104	Arithmetic Operations on Level Sets of Convex Fuzzy Numbers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 405-408.	0.4	1
105	A Fuzzy Model Application to an Adaptive ARC Welding Robot. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 81-83.	0.4	3
106	Fuzzy Statement Formation by Means of Linguistic Measures. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 129-134.	0.4	2
107	Discriminant Analysis Based on Fuzzy Distance. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 177-182.	0.4	2
108	On Some Properties of Finite and Countable Fuzzy Random Variables. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 427-431.	0.4	0
109	Fuzzy Sets Approach to Spatial Analysis and Planningâ€"A Nontechnical Evaluation. Geografiska Annaler, Series B: Human Geography, 1983, 65, 65-75.	1.4	3
110	Lipski's approach to incomplete information data bases restated and generalized in the setting of Zadeh's possibility theory. Information Systems, 1984, 9, 27-42.	3.6	123

#	Article	IF	Citations
111	Integration of fuzzy linguistic information in language comprehension. Fuzzy Sets and Systems, 1984, 14, 29-41.	2.7	59
112	Fuzzy approaches for multiple objective linear fractional optimization. Fuzzy Sets and Systems, 1984, 13, 11-23.	2.7	117
113	Reconstruction families of possibilistic structure systems. Fuzzy Sets and Systems, 1984, 12, 37-60.	2.7	14
114	On fuzzy multi-valued functions Part 1: Introduction and general properties. Fuzzy Sets and Systems, 1984, 12, 61-69.	2.7	14
115	An individual ergodic theorem for fuzzy random variables. Fuzzy Sets and Systems, 1984, 13, 285-290.	2.7	9
116	Solution of fuzzy equations with extended operations. Fuzzy Sets and Systems, 1984, 12, 237-248.	2.7	163
117	Fuzzy sets-the approximation of semisets. Fuzzy Sets and Systems, 1984, 14, 259-272.	2.7	9
118	Representation of Åukasiewicz' many-valued algebras. The atomic case. Fuzzy Sets and Systems, 1984, 14, 175-185.	2.7	7
119	Invariance and stability of fuzzy systems. Journal of Mathematical Analysis and Applications, 1984, 99, 299-319.	1.0	35
120	Fuzzy probabilities. Information Processing and Management, 1984, 20, 363-372.	8.6	118
121	THE INVESTIGATION OF COST VARIANCES: A FUZZY SET THEORY APPROACH. Decision Sciences, 1984, 15, 359-388.	4.5	52
122	Generalizing database relational algebra for the treatment of incomplete or uncertain information and vague queries. Information Sciences, 1984, 34, 115-143.	6.9	480
123	Statistical estimation with linguistic data. Information Sciences, 1984, 33, 197-207.	6.9	21
124	Macro Fault Tree and its Application to Petro Chemical Plant-Accidents. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1984, 17, 1759-1763.	0.4	0
125	An Interactive Multicriteria Optimization Approach for Linear Control System Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1984, 17, 539-544.	0.4	3
126	A Program Package for Multicriteria Optimal Design of Hierarchical and Decentralized Linear Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1985, 18, 221-226.	0.4	0
127	Alternative logics for approximate reasoning in expert systems: a comparative study. International Journal of Man-Machine Studies, 1985, 22, 327-346.	0.7	39
128	On induced fuzzy topological spaces. Journal of Mathematical Analysis and Applications, 1985, 108, 495-506.	1.0	27

#	Article	IF	Citations
129	Some fuzzy set applications in mining geomechanics. International Journal of Rock Mechanics and Mining Sciences, 1985, 22, 369-379.	0.0	42
130	Adaptive robot under fuzzy control. Fuzzy Sets and Systems, 1985, 17, 1-8.	2.7	16
131	Finite fuzzy cone. Fuzzy Sets and Systems, 1985, 15, 209-211.	2.7	1
132	The case for an interval-based representation of linguistic truth. Fuzzy Sets and Systems, 1985, 17, 153-165.	2.7	44
133	On some properties of a linguistic classifier. Fuzzy Sets and Systems, 1985, 17, 297-311.	2.7	5
134	Reasoning with imprecise knowledge in expert systems. Information Sciences, 1985, 37, 3-24.	6.9	19
135	Generalized network modeling and diagnosis using financial ratios. Information Sciences, 1985, 37, 179-192.	6.9	5
136	The development of a medical expert system and the treatment of imprecision in the framework of possibility theory. Information Sciences, 1985, 37, 211-226.	6.9	14
137	An efficient single output fuzzy control algorithm for adaptive applications. Automatica, 1985, 21, 539-545.	5.0	21
138	Implementing imprecision in information systems. Information Sciences, 1985, 37, 107-141.	6.9	140
139	Fuzzy logic applications for failure analysis and diagnosis of a primary circuit of the HTR nuclear power plant. Computer Physics Communications, 1985, 38, 323-327.	7.5	7
140	Processing free-text input to obtain a database of medical information. , 1985, , .		3
141	A pilot study of fuzzy set modification of Delphi*. Human Systems Management, 1985, 5, 76-80.	1.1	250
142	Conditional Allocation and Stopping Rules in Bayesian Pattern Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1986, PAMI-8, 502-511.	13.9	6
143	Ranking multiple aspect alternativesâ€"Fuzzy relational equations approach. Automatica, 1986, 22, 251-253.	5.0	10
144	A note on the usefulness of linguistic variables for differentiating between some respiratory diseases. Fuzzy Sets and Systems, 1986, 18, 131-142.	2.7	10
145	Interval valued fuzzy sets based on normal forms. Fuzzy Sets and Systems, 1986, 20, 191-210.	2.7	874
146	Base rate effects on the interpretations of probability and frequency expressions. Journal of Memory and Language, 1986, 25, 571-587.	2.1	198

#	Article	IF	Citations
147	The application of fuzzy set theory to uncertainty in physical property models. Fluid Phase Equilibria, 1986, 30, 111-118.	2.5	3
148	Representation of Åukasiewicz' many-valued algebras. Journal of Mathematical Analysis and Applications, 1986, 114, 315-327.	1.0	5
149	Fuzzy performance of a coherent system. Journal of Mathematical Analysis and Applications, 1986, 117, 234-246.	1.0	15
150	Fuzzy reasoning and fuzzy relational equations. Fuzzy Sets and Systems, 1986, 20, 67-78.	2.7	94
151	A fuzzy approximation scheme for sequential learning in pattern recognition. IEEE Transactions on Systems, Man, and Cybernetics, 1986, 16, 668-679.	0.9	18
152	Potential applications of fuzzy sets in industrial safety engineering. Fuzzy Sets and Systems, 1986, 19, 105-120.	2.7	115
153	A first order theory of common sense object positioning. Computers in Industry, 1986, 7, 257-262.	9.9	0
154	Basic fuzzy logic circuit formed by using p-MOS current mirror circuits. Electronics and Communications in Japan, 1986, 69, 1-9.	0.2	4
155	Optimization of dynamic regional models. European Journal of Operational Research, 1986, 25, 39-49.	5.7	0
156	Optimisation synthesis for building block assembly systems. International Journal of Advanced Manufacturing Technology, 1986, 1, 75-88.	3.0	0
157	Fuzzy Set Approach to Linguistic Seismic Load and Damage Assessments. Journal of Engineering Mechanics - ASCE, 1986, 112, 605-618.	2.9	15
158	Document Retrieval Using A Fuzzy Knowledge-Based System. Optical Engineering, 1986, 25, 253445.	1.0	1
159	Diagnostics of Faulty States in Complex Physical Systems Using Fuzzy Relational Equations. , 1987, , 175-194.		11
160	Measures of similarity among fuzzy concepts: A comparative analysis. International Journal of Approximate Reasoning, 1987, 1, 221-242.	3.3	448
161	Making control decisions in fuzzy systems invariant to a change of external conditions. Fuzzy Sets and Systems, 1987, 22, 93-105.	2.7	2
162	On a software tool for statistics with linguistic data. Fuzzy Sets and Systems, 1987, 24, 377-383.	2.7	11
163	An outline of a fuzzy sets approach to decision making with interdependent goals. Fuzzy Sets and Systems, 1987, 21, 275-288.	2.7	11
164	Axioms for a theory of semantic equivalence. Fuzzy Sets and Systems, 1987, 21, 319-349.	2.7	18

#	ARTICLE	IF	CITATIONS
165	A fuzzy knowledge base of an expert system for analysis of manual lifting tasks. Fuzzy Sets and Systems, 1987, 21, 363-374.	2.7	15
166	Production control on the basis of fuzzy models. Fuzzy Sets and Systems, 1987, 22, 43-56.	2.7	8
167	Calculation of subjective estimates. Fuzzy Sets and Systems, 1987, 22, 81-91.	2.7	1
168	Usage of linguistic variable concept for human operator modelling. Fuzzy Sets and Systems, 1987, 22, 107-114.	2.7	4
169	The effect of semantic freedom in the logic of natural language. Fuzzy Sets and Systems, 1987, 22, 121-154.	2.7	5
171	A central limit theorem for fuzzy random variables. Fuzzy Sets and Systems, 1987, 24, 331-344.	2.7	39
172	Inference with a single fuzzy conditional proposition. Fuzzy Sets and Systems, 1987, 24, 51-63.	2.7	21
173	Processor power considerations â€" An application of fuzzy markov chains. Fuzzy Sets and Systems, 1987, 21, 289-299.	2.7	31
174	Extensive fuzziness. Fuzzy Sets and Systems, 1987, 21, 201-209.	2.7	16
175	On solution of fuzzy functional equations. Journal of Mathematical Analysis and Applications, 1987, 123, 589-604.	1.0	8
176	Fuzzy Confidence Measures in Midlevel Vision. IEEE Transactions on Systems, Man, and Cybernetics, 1987, 17, 676-683.	0.9	19
177	Fuzzy Model Identification and Self-Learning for Dynamic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 1987, 17, 683-689.	0.9	373
178	Censored life-data analysis using linguistic variables. IEEE Transactions on Reliability, 1988, 37, 111-116.	4.6	7
179	A preservation theorem for fuzzy number theory. Information Sciences, 1988, 45, 51-59.	6.9	2
180	A modeling of search oriented thesaurus use based on multivalued logical inference. Information Sciences, 1988, 45, 185-212.	6.9	2
181	Fuzzy least squares. Information Sciences, 1988, 46, 141-157.	6.9	563
182	The concept of fuzzy sets with special regard to their linguistic interpretation â€" a solution for fuzzy problems?. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1988, 32, 47-68.	0.3	0
183	Approximate reasoning for production planning. Fuzzy Sets and Systems, 1988, 26, 23-37.	2.7	47

#	ARTICLE	IF	CITATIONS
184	A fuzzy set approach to financial ratio analysis. European Journal of Operational Research, 1988, 36, 78-84.	5.7	9
185	Expert system models for inference with imperfect knowledge: A comparative study. Journal of Statistical Planning and Inference, 1988, 20, 245-277.	0.6	12
186	Fuzzy mathematical models in economics. Fuzzy Sets and Systems, 1988, 28, 273-283.	2.7	49
187	Fuzzy addition in the lowen fuzzy real line. Fuzzy Sets and Systems, 1988, 27, 303-315.	2.7	7
188	The R & D project selection problem with fuzzy coefficients. Fuzzy Sets and Systems, 1988, 26, 299-316.	2.7	33
189	Generalized and extended fuzzy sets with applications. Fuzzy Sets and Systems, 1988, 25, 159-174.	2.7	19
190	Effect of maintenance on structural reliability. Computers and Structures, 1988, 30, 671-677.	4.4	0
191	Causation and its effect: the blackguard in CAD's clothing. Design Studies, 1988, 9, 196-201.	3.1	8
192	Extending lattice structures. Journal of Mathematical Analysis and Applications, 1988, 136, 314-324.	1.0	1
193	Mixed-initiative, goal-directed dialog in a fuzzy knowledge based consultant system. International Journal of Approximate Reasoning, 1988, 2, 15-27.	3.3	0
194	On the combination of uncertain or imprecise pieces of information in rule-based systemsâ€"A discussion in the framework of possibility theory. International Journal of Approximate Reasoning, 1988, 2, 65-87.	3.3	33
195	A fuzzy logic programming environment for real-time control. International Journal of Approximate Reasoning, 1988, 2, 163-175.	3.3	11
196	Understanding and using linguistic uncertainties. Acta Psychologica, 1988, 68, 39-52.	1.5	43
197	A Fuzzy Set Model of Learning Disability: Identification from Clinical Data. Advances in Psychology, 1988, 56, 345-382.	0.1	1
198	Fuzzy information management using the roster model. , 0, , .		1
199	Automated concept acquisition in noisy environments. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1988, 10, 555-578.	13.9	61
200	A knowledge-based reasoning system for ship identification. , 0, , .		0
201	Using interval-valued fuzzy sets to formalize default reasoning. , 0, , .		0

#	ARTICLE	IF	CITATIONS
202	Approximate spatial reasoning. , 1988, , .		12
203	An approximate reasoning approach for the implementation of an expert system in aggregate production planning. , 0, , .		1
204	Decisions based on numerically and verbally expressed uncertainties.. Journal of Experimental Psychology: Human Perception and Performance, 1988, 14, 281-294.	0.9	192
205	A Real Time Fuzzy Self Tuning Control. , 1989, , .		9
206	Computations with Imprecise Parameters in Engineering Design: Background and Theory. Journal of Mechanisms, Transmissions, and Automation in Design, 1989, 111, 616-625.	0.2	130
207	A new method for approximate reasoning. , 0, , .		14
208	Applicability of some fuzzy implication operators. Fuzzy Sets and Systems, 1989, 31, 151-186.	2.7	85
209	On the algebra of interactive fuzzy numbers. Fuzzy Sets and Systems, 1989, 32, 291-306.	2.7	12
210	Processing fuzzy temporal knowledge. IEEE Transactions on Systems, Man, and Cybernetics, 1989, 19, 729-744.	0.9	236
211	Modelling uncertainty in expert systems. International Journal of Man-Machine Studies, 1989, 31, 415-476.	0.7	24
212	Four methods of approximate reasoning with interval-valued fuzzy sets. International Journal of Approximate Reasoning, 1989, 3, 121-142.	3.3	62
213	Presumption and prejudice in logical inference. International Journal of Approximate Reasoning, 1989, 3, 359-382.	3.3	21
214	Epistemic necessity, possibility, and truth. Tools for dealing with imprecision and uncertainty in fuzzy knowledge-based systems. International Journal of Approximate Reasoning, 1989, 3, 35-57.	3.3	19
215	Analysis of fuzzy queues. Computers and Mathematics With Applications, 1989, 17, 1143-1147.	2.7	115
216	Importance in knowledge systems. Information Systems, 1989, 14, 455-464.	3.6	64
217	FILIP: A fuzzy intelligent information system with learning capabilities. Information Systems, 1989, 14, 473-486.	3.6	12
218	Extrapolation of fuzzy values from incomplete data bases. Information Systems, 1989, 14, 487-492.	3.6	18
219	Fuzzy fatigue life prediction. Structural Safety, 1989, 6, 25-38.	5.3	21

#	Article	IF	Citations
220	Review of applications of various types of uncertainty in chemical engineering. Chemical Engineering and Processing: Process Intensification, 1989, 26, 185-191.	3.6	22
221	Fuzzy dynamic programming in the synthesis of distillation column systems. Computers and Chemical Engineering, 1989, 13, 611-618.	3.8	10
222	Nearness concepts in fuzzy neighbourhood spaces and in their fuzzy proximity spaces. Fuzzy Sets and Systems, 1989, 31, 83-109.	2.7	40
223	Linear programming problems and ranking of fuzzy numbers. Fuzzy Sets and Systems, 1989, 32, 1-11.	2.7	196
224	A knowledge-based fuzzy decision tree classifier for time series modeling. Fuzzy Sets and Systems, 1989, 33, 1-18.	2.7	8
225	An application of a fuzzy random variable to vulnerability modeling. Fuzzy Sets and Systems, 1989, 33, 19-28.	2.7	4
226	Fuzzifying functions. Fuzzy Sets and Systems, 1989, 33, 47-58.	2.7	4
227	Interpretation of results of ranking methods with the aid of probabilistic sets. Fuzzy Sets and Systems, 1989, 32, 263-274.	2.7	4
228	Fuzzy linear programming models to solve fuzzy matrix games. Fuzzy Sets and Systems, 1989, 32, 275-289.	2.7	201
229	Geometric and conceptual knowledge representation within a generative model of visual perception. Journal of Intelligent and Robotic Systems: Theory and Applications, 1989, 2, 381.	3.4	12
230	Flexible implication operators in fuzzy reasoning. , 0, , .		2
231	Fuzzy control of the roof crane. , 0, , .		5
232	Self-organizing model based expert controller. , 1989, , .		2
233	Contextual effects in the interpretations of probability words: Perceived base rate and severity of events.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 781-789.	0.9	166
234	An Identification Method of Fuzzy Parameters for a Class of Fuzzy Stochastic Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1990, 23, 111-116.	0.4	1
235	Revision of opinion with verbally and numerically expressed uncertainties. Acta Psychologica, 1990, 74, 61-79.	1.5	39
236	Modeling imprecision and uncertainty in preliminary engineering design. Mechanism and Machine Theory, 1990, 25, 305-324.	4.5	55
237	Canonical fuzzy numbers of dimension two and fuzzy utility difference for understanding preferential judgments. Information Sciences, 1990, 50, 1-22.	6.9	17

#	Article	IF	Citations
238	Fuzzy reasoning in a multidimensional space of hypotheses. International Journal of Approximate Reasoning, 1990, 4, 47-68.	3.3	16
239	Consonant approximations of belief functions. International Journal of Approximate Reasoning, 1990, 4, 419-449.	3.3	149
240	On identification of multidimensional fuzzy systems. Fuzzy Sets and Systems, 1990, 35, 325-331.	2.7	22
241	A factor spaces approach to knowledge representation. Fuzzy Sets and Systems, 1990, 36, 113-124.	2.7	55
242	Fuzziness measures for fuzzy rectangles. Fuzzy Sets and Systems, 1990, 34, 39-45.	2.7	1
243	Reasonableness of the compositional rule of fuzzy inference. Fuzzy Sets and Systems, 1990, 36, 305-310.	2.7	9
244	Closure properties of the compositional rule of inference. Fuzzy Sets and Systems, 1990, 35, 163-183.	2.7	15
245	Some new concepts in demand and traffic forecasting and planning of future telecommunication services. Computer Networks, 1990, 20, 65-74.	1.0	3
246	Verbal uncertainty expressions: A critical review of two decades of research. Current Psychology, 1990, 9, 203-235.	0.4	88
247	Numerical and symbolic approaches to uncertainty management in AI. Artificial Intelligence Review, 1990, 4, 109-146.	15.7	40
248	Parametric 0â€"1 processes and extensive fuzzy sets. Stochastic Processes and Their Applications, 1990, 36, 173-179.	0.9	0
249	Problems and tools to model uncertainty in expert- and decision support systems. Mathematical and Computer Modelling, 1990, 14, 8-20.	2.0	5
250	Integration of linguistic probabilities. International Journal of Man-Machine Studies, 1990, 33, 657-676.	0.7	12
251	Membership function as an evaluation. Fuzzy Sets and Systems, 1990, 35, 1-21.	2.7	231
252	Quantitative evaluation of university teaching quality â€" an application of fuzzy set and approximate reasoning. Fuzzy Sets and Systems, 1990, 37, 1-11.	2.7	16
253	Note on fuzzy regression. Fuzzy Sets and Systems, 1990, 37, 65-75.	2.7	112
254	A new model of fuzzy reasoning. Fuzzy Sets and Systems, 1990, 36, 311-325.	2.7	44
255	A general theory of fuzzy arithmetic. Fuzzy Sets and Systems, 1990, 36, 339-363.	2.7	11

#	Article	IF	Citations
256	The choice of ply operator in fuzzy intelligent systems. Fuzzy Sets and Systems, 1990, 34, 135-144.	2.7	24
257	An algorithm for solving expected possibility and its application in construction resource allocation. Fuzzy Sets and Systems, 1990, 34, 157-171.	2.7	1
258	An approximate analogical reasoning schema based on similarity measures and interval-valued fuzzy sets. Fuzzy Sets and Systems, 1990, 34, 323-346.	2.7	181
259	On stability in possibilistic linear equality systems with lipschitzian fuzzy numbers. Fuzzy Sets and Systems, 1990, 34, 347-353.	2.7	17
260	Verbal time series reports generation in condition monitoring. Computers in Industry, 1990, 15, 293-301.	9.9	2
261	Using new aggregation operators in rule-based intelligent control. , 1990, , .		3
262	Fuzzy Controller and Examples Concerning the Automatic Start Up of the Fluidized Bed Combustor. , 0, , .		0
263	On the construction of control charts using linguistic variables. International Journal of Production Research, 1990, 28, 477-487.	7.5	124
264	AN APPROXIMATE REASONING TECHNIQUE FOR RECOGNITION IN COLOR IMAGES OF BEEF STEAKS. International Journal of General Systems, 1990, 16, 331-342.	2.5	13
265	Induction of fuzzy production rules. , 0, , .		2
266	Fuzzy set methods for qualitative and natural language oriented simulation. , 0, , .		3
267	Fuzzy image smoothing. , 0, , .		2
268	Probabilistic and membership approaches in the construction of control charts for linguistic data. Production Planning and Control, 1990, 1, 147-157.	8.8	105
269	Mechanism of fuzzy logic controller. , 0, , .		5
270	LIFE fuzzy expert system shell. , 0, , .		3
271	Image processing operations and their digital signal analogs. , 0, , .		0
272	A fuzzy expert system for durability assessment of bridge decks. , 0, , .		3
273	A general theory of uncertainty based on co-t-norms. , 0, , .		3

#	ARTICLE	IF	CITATIONS
274	Ordinal uncertainty models. , 0, , .		0
275	Dempster-Shafer reasoning for medical image recognition. , 0, , .		0
276	An Object Oriented Knowledge-Based System for Process Identification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1991, 24, 159-164.	0.4	5
277	Qualitative Event Analysis for Fault Diagnosis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1991, 24, 433-438.	0.4	9
278	Interpolative Reasoning in Distributed Intelligent Systems Based on Fuzzy Sets and Neural Nets. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1991, 24, 165-169.	0.4	1
279	Knowledge-based expert system for damage assessment based on fuzzy reasoning. Computers and Structures, 1991, 40, 137-142.	4.4	16
280	Fuzzy inner product spaces. Fuzzy Sets and Systems, 1991, 44, 309-326.	2.7	28
281	Measurement of membership functions and their acquisition. Fuzzy Sets and Systems, 1991, 40, 5-38.	2.7	312
282	Efficient methods for computing linguistic consistency. Fuzzy Sets and Systems, 1991, 39, 15-26.	2.7	16
283	Random sets and fuzzy interval analysis. Fuzzy Sets and Systems, 1991, 42, 87-101.	2.7	205
284	The Urysohn Lemma for fuzzy neighbourhood spaces. Fuzzy Sets and Systems, 1991, 39, 347-360.	2.7	25
285	A new approach to inference in approximate reasoning. Fuzzy Sets and Systems, 1991, 41, 17-37.	2.7	35
286	The law of large numbers for fuzzy variables under a general triangular norm extension principle. Fuzzy Sets and Systems, 1991, 41, 55-81.	2.7	21
287	Fuzzy rank of a fuzzy matrix. Fuzzy Sets and Systems, 1991, 41, 243-249.	2.7	3
288	A fuzzy production rule based expert system. Fuzzy Sets and Systems, 1991, 44, 391-403.	2.7	3
289	On the ranking of ill-known values in possibility theory. Fuzzy Sets and Systems, 1991, 43, 311-317.	2.7	11
290	Towards a fuzzy logic programming system: a fuzzy propositional logic. Knowledge-Based Systems, 1991, 4, 52-62.	7.1	2
291	Extracting rules from fuzzy simulation. Expert Systems With Applications, 1991, 3, 317-327.	7.6	2

#	ARTICLE	IF	CITATIONS
292	A system for reasoning with imprecise linguistic information. International Journal of Approximate Reasoning, 1991, 5, 463-488.	3.3	19
293	On the semantics of fuzzy logic. International Journal of Approximate Reasoning, 1991, 5, 45-88.	3.3	214
294	Fuzzy logic in development of fundamentals of pattern recognition. International Journal of Approximate Reasoning, 1991, 5, 251-264.	3.3	13
295	Approximate reasoning by analogy to answer null queries. International Journal of Approximate Reasoning, 1991, 5, 373-398.	3.3	20
296	Model based fuzzy control. Mathematical and Computer Modelling, 1991, 15, 3-14.	2.0	1
297	Deriving expected values from probabilities of fuzzy subsets. European Journal of Operational Research, 1991, 50, 199-210.	5.7	5
298	Predictive fuzzy expert controllers. Computers and Industrial Engineering, 1991, 20, 199-209.	6.3	16
299	A fuzzy logic evaluation system for commercial loan analysis. Omega, 1991, 19, 651-669.	5.9	13
300	Concepts, rules, and fuzzy reasoning: a factor space approach. IEEE Transactions on Systems, Man, and Cybernetics, 1991, 21, 194-205.	0.9	21
301	A pattern recognition interpretation of implications. Information Sciences, 1991, 57-58, 197-215.	6.9	5
302	Vagueness, typicality, and uncertainty in class hierarchies. International Journal of Intelligent Systems, 1991, 6, 167-183.	5.7	147
303	A fuzzy logic rule-based automatic target recognizer. International Journal of Intelligent Systems, 1991, 6, 295-312.	5.7	17
304	An expert system prototype for inventory capacity planning: An approximate reasoning approach. International Journal of Approximate Reasoning, 1991, 5, 223-250.	3.3	13
305	Approximate spatial reasoning: Integrating qualitative and quantitative constraints. International Journal of Approximate Reasoning, 1991, 5, 307-330.	3.3	78
306	Induced I(L)-fuzzy topological spaces. Fuzzy Sets and Systems, 1991, 43, 69-80.	2.7	24
307	The recession cones and Carathéodory's theorem of convex fuzzy sets. Fuzzy Sets and Systems, 1991, 44, 57-69.	2.7	2
308	Connectives and quantifiers in fuzzy sets. Fuzzy Sets and Systems, 1991, 40, 39-75.	2.7	308
309	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1991, 40, 143-202.	2.7	703

#	ARTICLE	IF	CITATIONS
310	Algebraic structure of centered M-fuzzy numbers. Fuzzy Sets and Systems, 1991, 39, 91-99.	2.7	7
311	Generalized measures. Fuzzy Sets and Systems, 1991, 40, 375-394.	2.7	58
312	Evaluation of computerized medical diagnostic decisions via fuzzy sets. International Journal of Bio-medical Computing, 1991, 28, 91-100.	0.5	11
313	Artificial intelligence methods in geological forecasting. Mathematical Geosciences, 1991, 23, 9-13.	0.9	6
314	A proposal on approximate reasoning based on revision principle and fixed value law. Systems and Computers in Japan, 1991, 22, 20-27.	0.2	4
315	The historical workstation project. Computers and the Humanities, 1991, 25, 149-162.	1.4	7
316	Fuzzy modeling based on generalized neural networks and fuzzy clustering objective functions. , 0, , .		5
317	Is fuzzy set theory more general than probability theory?. , 0, , .		0
318	FUZZY SIMULATION: SPECIFYING AND IDENTIFYING QUALITATIVE MODELSâˆ—. International Journal of General Systems, 1991, 19, 295-316.	2.5	32
319	Some Effects of Vocabulary and Communication Task on the Understanding and Use of Vague Probability Expressions. American Journal of Psychology, 1991, 104, 35.	0.3	39
320	Extending the Applicability of the Theory of Evidence in Rule-Based Systems. Journal of Intelligent Systems, 1992, 1, .	1.6	0
321	Fuzzy cluster analysis for multi-antecedent rule base restructuring based on S-implication. , 0, , .		1
322	Belief maintenance in a natural language system. , 0, , .		0
323	A survey on generalized measures. , 0, , .		0
324	Design Retrieval by Fuzzy Neurocomputing. Journal of Engineering Design, 1992, 3, 339-356.	2.3	4
325	Interval logic and its extension. , 0, , .		0
326	Decision Support System for Environmental Planning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1992, 25, 17-22.	0.4	0
327	<title>Medical image recognition based on Dempster-Shafer reasoning</title>. , 1992, , .		1

#	ARTICLE	IF	CITATIONS
328	A FUZZY SCHEME WITH APPLICATION TO EXPERT CLASSIFICATION SYSTEMS FOR COMPUTING THE DEGREE OF MATCH BETWEEN A RULE AND AN ASSERTION. Cybernetics and Systems, 1992, 23, 1-27.	2.5	5
329	Linguistic hedges and fuzzy logic. , 0, , .		11
330	Revision principle for approximate reasoning (based on semantic revising method). , 0, , .		4
331	A heuristic algorithm for fuzzy control. , 0, , .		2
332	Parameter formulae for fundamental operations of weakly non-interactive fuzzy numbers. , 0, , .		4
333	A possibilistic interpretation of fuzzy sets by the context model. , 0, , .		13
334	Evidence theory of normal possibility and its application. , 0, , .		3
335	Fuzzy knowledge-based models in ecological research. Ecological Modelling, 1992, 63, 103-112.	2.5	100
336	Knowledge Representation in Fuzzy Logic. , 1992, , 1-25.		44
337	Knowledge Based Detection of Waste Disposal Sites Using Landsat TM Imagery and Context Information. , 0, , .		0
338	Indeterminate Probabilities on Finite Sets. Annals of Statistics, 1992, 20, 1737.	2.6	44
339	A Neural Network with Interval Weights and Its Application to Fuzzy Regression Analysis. Transactions of the Society of Instrument and Control Engineers, 1992, 28, 1484-1491.	0.2	1
340	On monotone dominated sublinear functionals on the space of measurable functions. Siberian Mathematical Journal, 1992, 33, 1028-1038.	0.6	2
341	On computation of the compositional rule of inference under triangular norms. Fuzzy Sets and Systems, 1992, 51, 267-275.	2.7	23
342	Multiple objective linear fractional programming â€" A fuzzy set theoretic approach. Fuzzy Sets and Systems, 1992, 52, 39-45.	2.7	66
343	Peak-pattern concept and max-min inverse problem in fuzzy control modelling. Fuzzy Sets and Systems, 1992, 47, 1-11.	2.7	10
344	On fuzzy-valued inequalities. Fuzzy Sets and Systems, 1992, 45, 215-218.	2.7	1
345	A law of large numbers for fuzzy numbers. Fuzzy Sets and Systems, 1992, 45, 299-303.	2.7	42

#	ARTICLE	IF	CITATIONS
346	t-Norm-based addition of fuzzy intervals. Fuzzy Sets and Systems, 1992, 51, 155-159.	2.7	51
347	Equations of fuzzy relations defined on fuzzy subsets. Fuzzy Sets and Systems, 1992, 52, 319-336.	2.7	5
348	Fuzzy inference and its applicability to control systems. Fuzzy Sets and Systems, 1992, 48, 99-111.	2.7	21
349	The generalized modus ponens considered as a fuzzy relation. Fuzzy Sets and Systems, 1992, 46, 29-48.	2.7	23
350	A general theory of uncertainty based on t-conorms. Fuzzy Sets and Systems, 1992, 49, 261-269.	2.7	3
351	An algorithm to compute the degree of match in fuzzy systems. Fuzzy Sets and Systems, 1992, 49, 285-299.	2.7	22
352	Evaluation of design alternatives in mechanical engineering. Fuzzy Sets and Systems, 1992, 47, 269-280.	2.7	28
353	LT-fuzzy sets. Fuzzy Sets and Systems, 1992, 47, 323-339.	2.7	7
354	Investigations on the applicability of fuzzy inference. Fuzzy Sets and Systems, 1992, 49, 151-169.	2.7	30
355	Implementation of conjunctive and disjunctive fuzzy logic rules with neural networks. International Journal of Approximate Reasoning, 1992, 6, 221-240.	3.3	100
356	Management of uncertainty in LIFE FEShell fuzzy frame system. Expert Systems With Applications, 1992, 5, 359-368.	7.6	5
357	A fuzzy expert system for a service centre of spare parts. Expert Systems With Applications, 1992, 5, 447-464.	7.6	15
358	Optical fuzzy image processing based on shadow-casting. Optics Communications, 1992, 94, 397-405.	2.1	14
359	Personnel placement in a fuzzy environment. Computers and Operations Research, 1992, 19, 107-121.	4.0	50
360	A note on the connection between fuzzy numbers and random intervals. Statistics and Probability Letters, 1992, 13, 311-319.	0.7	17
361	A fussy-logic control language for embedded controllers. Computers and Industrial Engineering, 1992, 23, 331-334.	6.3	0
362	Characterizations of some fuzzy topological notions in probabilistic metric spaces. Fuzzy Sets and Systems, 1992, 51, 351-359.	2.7	13
363	Completeness of the standard fuzzy real line for FNS. Fuzzy Sets and Systems, 1992, 51, 95-103.	2.7	2

#	ARTICLE	IF	CITATIONS
364	Neural network implementation of fuzzy logic. Fuzzy Sets and Systems, 1992, 45, 1-12.	2.7	187
365	Continuity of fuzzy multiplication in the N-Euclidean space. Fuzzy Sets and Systems, 1992, 46, 97-106.	2.7	13
366	Methodology of linguistics evaluation in risk situations using fuzzy techniques. Fuzzy Sets and Systems, 1992, 48, 185-194.	2.7	8
367	Hierarchical scheduling based on approximate reasoning â€" A comparison with ISIS. Fuzzy Sets and Systems, 1992, 46, 349-371.	2.7	14
368	Fatigue reliability of structures based on probability and possibility measures. Computers and Structures, 1992, 45, 361-368.	4.4	5
369	Backpropagation neural networks for fuzzy logic. Information Sciences, 1992, 62, 205-221.	6.9	63
370	Linguistic decision-making models. International Journal of Intelligent Systems, 1992, 7, 479-492.	5.7	302
371	A fuzzy linguistic approach generalizing Boolean Information Retrieval: A model and its evaluation. Journal of the Association for Information Science and Technology, 1993, 44, 70-82.	1.0	229
372	Fuzzy sets and applications: Selected papers by L.A. Zadeh. Artificial Intelligence, 1993, 61, 351-358.	5.8	0
373	Probabilistic sets and fuzzy reasoning to build relation between â€œsubjectiveâ€•and â€œobjectiveâ€•variables sets. Information Sciences, 1993, 73, 117-137.	6.9	3
374	Convergence of powers of reciprocal fuzzy matrices. Information Sciences, 1993, 75, 99-107.	6.9	15
375	Fuzzy finite element analysis of a foundation on an elastic soil medium. International Journal for Numerical and Analytical Methods in Geomechanics, 1993, 17, 771-789.	3.3	53
376	On aggregation operations of linguistic labels. International Journal of Intelligent Systems, 1993, 8, 351-370.	5.7	442
377	Spin model with fuzzy Ising spin. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 176, 179-183.	2.1	3
378	A stochastic possibilistic programming model for bank hedging decision problems. Fuzzy Sets and Systems, 1993, 57, 351-363.	2.7	12
379	An architecture of neural networks with interval weights and its application to fuzzy regression analysis. Fuzzy Sets and Systems, 1993, 57, 27-39.	2.7	117
380	Combination of rules or their consequences in fuzzy expert systems. Fuzzy Sets and Systems, 1993, 58, 3-40.	2.7	65
381	Fuzzy network for decision support systems. Fuzzy Sets and Systems, 1993, 58, 59-72.	2.7	7

#	Article	IF	Citations
382	Fuzzy reasoning for solving fuzzy mathematical programming problems. Fuzzy Sets and Systems, 1993, 60, 121-133.	2.7	68
383	Fuzzy partitions and fuzzy-quotient rings. Fuzzy Sets and Systems, 1993, 54, 57-62.	2.7	5
384	Subjective valuations in a production model. Fuzzy Sets and Systems, 1993, 54, 251-258.	2.7	0
385	Fuzzy time series and its models. Fuzzy Sets and Systems, 1993, 54, 269-277.	2.7	926
386	Design of a fuzzy-logic based diagnostic model for technical processes. Fuzzy Sets and Systems, 1993, 58, 249-271.	2.7	39
387	Evaluating human reliability using fuzzy relation. Microelectronics Reliability, 1993, 33, 63-80.	1.7	25
388	Optical implementation of a spatial-variant fuzzy logic array. Optics Communications, 1993, 97, 162-166.	2.1	5
389	A fuzzy multi-criteria decision-making approach for robot selection. Robotics and Computer-Integrated Manufacturing, 1993, 10, 267-274.	9.9	123
390	An algebraic approximation to the classification with fuzzy attributes. International Journal of Approximate Reasoning, 1993, 9, 75-95.	3.3	11
391	Rule base reorganization and search with a fuzzy cluster analysis. International Journal of Approximate Reasoning, 1993, 9, 167-196.	3.3	1
392	Generalized fuzzy method-of-cases. International Journal of Approximate Reasoning, 1993, 9, 129-138.	3.3	1
393	Evidence theory of exponential possibility distributions. International Journal of Approximate Reasoning, 1993, 8, 123-140.	3.3	32
394	Modeling uncertainty in networks. Mathematical and Computer Modelling, 1993, 17, 31-40.	2.0	2
395	Disintegration of dominated monotone sublinear functionals on the space of measurable functions. Siberian Mathematical Journal, 1993, 34, 1117-1134.	0.6	1
396	Fuzzy logic applications: Technological and strategic issues. IEEE Transactions on Engineering Management, 1993, 40, 237-254.	3.5	33
397	Fuzzy qualitative simulation. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 1038-1061.	0.9	177
398	Identifying the most effective reasoning calculi for a knowledge-based system. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 1417-1424.	0.9	1
399	Determinants of numerical versus verbal probabilities. Acta Psychologica, 1993, 83, 33-51.	1.5	16

#	Article	IF	Citations
400	Multistage fuzzy inference formulated as linguistic-truth-value propagation and its learning algorithm based on back-propagating error information. IEEE Transactions on Fuzzy Systems, 1993, 1, 205-221.	9.8	33
401	The context model: An integrating view of vagueness and uncertainty. International Journal of Approximate Reasoning, 1993, 9, 283-314.	3.3	80
402	Contractor project risks contingency allocation using linguistic approximation. Computing Systems in Engineering: an International Journal, 1993, 4, 281-293.	0.5	64
403	Similarity, interpolation, and fuzzy rule construction. Fuzzy Sets and Systems, 1993, 58, 73-86.	2.7	63
404	Forecasting enrollments with fuzzy time series â€" Part I. Fuzzy Sets and Systems, 1993, 54, 1-9.	2.7	972
405	Extended lattice-ordered structures for L-fuzzy sets and L-fuzzy numbers. Fuzzy Sets and Systems, 1993, 54, 81-90.	2.7	1
406	A note on fuzzy power relations. Fuzzy Sets and Systems, 1993, 54, 115-117.	2.7	2
407	Toward a logic for fuzzy syllogisms. , 0, , .		4
408	A fuzzy document representation supporting user adaptation in information retrieval. , 0, , .		3
409	Fuzzy inference based on families of alpha -level sets. IEEE Transactions on Fuzzy Systems, 1993, 1, 111-124.	9.8	68
410	Analogy relations and inference. , 0, , .		11
411	Neural networks that learn from fuzzy if-then rules. IEEE Transactions on Fuzzy Systems, 1993, 1, 85-97.	9.8	257
412	Fuzzy expert system shell LIFE FEShell-working environment. , 0, , .		2
413	Algebraic structure and fuzzy action: A new solution to the classification problem. , 0, , .		2
414	A design methodology for an intelligent controller using fuzzy logic and artificial neural networks. , 0, , .		6
415	Process supervision with the aid of fuzzy logic. , 0, , .		13
416	Comparing the Calibration and Coherence of Numerical and Verbal Probability Judgments. Management Science, 1993, 39, 176-190.	4.1	206
417	On robustness of fuzzy logics. , 0, , .		20

#	ARTICLE	IF	CITATIONS
418	An algorithm for fuzzy control based on shortest-path framework. , 0, , .		0
419	Hierarchical preprocessing of information in fuzzy logic control applications. , 0, , .		2
420	A calculation method for solving fuzzy arithmetic equations with triangular norms. , 0, , .		9
421	Objet-Sexi: Objects, Rules and Fuzzy Functions for Identification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1993, 26, 843-846.	0.4	0
422	Processing Fault-Trees by Approximate Reasoning in Solving the Technical Diagnostic Problem(A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Federation of Automatic Control, 1993, 26, 577-580.	0.4	0
423	A Fuzzy Logic Control Laboratory Experiment for Undergraduate Students. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1993, 26, 735-739.	0.4	1
424	A Comparative Analysis of the Empirical Validity of Two Rule-Based Belief Languages. Information Systems Research, 1993, 4, 359-382.	3.7	0
425	Intelligent Diagnosis of Rod Pumping Problems. , 1993, , .		14
426	Fuzzy Inference for Variable Structure Control. Journal of Intelligent and Fuzzy Systems, 1994, 2, 229-241.	1.4	3
427	Design by Fuzzy Association of Needs-to-Functions-to-Structures. Journal of Intelligent and Fuzzy Systems, 1994, 2, 179-189.	1.4	0
428	On an information compression view of possibility theory. , 0, , .		5
429	Application of fuzzy arithmetic in group decision and negotiations involving multicriteria and conflicting priorities. , 1994, , .		4
430	Fuzzy logic based ATM policing. , 0, , .		4
431	New gate operations of fuzzy fault tree analysis. , 0, , .		4
432	A real time fuzzy dynamic image understanding system on general roads. , 0, , .		3
433	Interpolation of fuzzy if-then rules by neural networks. International Journal of Approximate Reasoning, 1994, 10, 3-27.	3.3	62
434	Modeling and formulating fuzzy knowledge bases using neural networks. Neural Networks, 1994, 7, 1273-1283.	5.9	47
435	A class of single sampling inspection plans based on possibilistic programming problem. Fuzzy Sets and Systems, 1994, 63, 35-43.	2.7	12

#	Article	IF	Citations
436	Marcinkiewicz-type law of large numbers for fuzzy random variables. Fuzzy Sets and Systems, 1994, 64, 387-393.	2.7	11
437	A representation of exponential form on fuzzy logic. Fuzzy Sets and Systems, 1994, 68, 267-280.	2.7	10
438	Fuzzy control of steam turbines. Fuzzy Sets and Systems, 1994, 63, 319-327.	2.7	4
439	Uncertain robot environment modelling using fuzzy numbers. Fuzzy Sets and Systems, 1994, 61, 53-62.	2.7	12
440	On the compositional rule of inference under triangular norms. Fuzzy Sets and Systems, 1994, 66, 25-38.	2.7	22
441	Fuzzy control from the logical point of view. Fuzzy Sets and Systems, 1994, 66, 159-173.	2.7	23
442	Maximum entropy approach to fuzzy control. Information Sciences, 1994, 81, 235-260.	6.9	14
443	Routine design with information content and fuzzy quality function deployment. Journal of Intelligent Manufacturing, 1994, 5, 203-210.	7.3	14
444	An investigation of expert systems for die design. Journal of Intelligent Manufacturing, 1994, 5, 177-192.	7.3	6
445	Fuzzy-quotient groups. Information Sciences, 1994, 81, 177-191.	6.9	7
446	A model for linguistic partial information in decision-making problems. International Journal of Intelligent Systems, 1994, 9, 365-378.	5.7	37
447	Approximate case-based reasoning on neural networks. International Journal of Approximate Reasoning, 1994, 10, 75-98.	3.3	12
448	Personnel selection using fuzzy MCDM algorithm. European Journal of Operational Research, 1994, 78, 22-33.	5.7	155
449	Stability in multiobjective possibilistic linear programs. European Journal of Operational Research, 1994, 74, 179-187.	5.7	9
450	Automatic ranking of fuzzy numbers with the criterion of a decision-maker learnt by an artificial neural network. Fuzzy Sets and Systems, 1994, 64, 1-19.	2.7	57
451	On the continuity of fuzzy number valued function. Fuzzy Sets and Systems, 1994, 68, 245-247.	2.7	2
452	Forecasting enrollments with fuzzy time series â€" part II. Fuzzy Sets and Systems, 1994, 62, 1-8.	2.7	690
453	Fuzzification of the theory of continuous functions. Fuzzy Sets and Systems, 1994, 62, 71-81.	2.7	14

#	ARTICLE	IF	CITATIONS
454	On fuzzy implication relations. Fuzzy Sets and Systems, 1994, 67, 211-219.	2.7	6
455	Hyperspace fuzzy binary relations. Fuzzy Sets and Systems, 1994, 67, 221-237.	2.7	12
456	Some algebraic properties of weakly non-interactive fuzzy numbers. Fuzzy Sets and Systems, 1994, 68, 281-291.	2.7	5
457	Utilization of fuzzy techniques in intelligent sensors. Fuzzy Sets and Systems, 1994, 63, 271-292.	2.7	7
458	A least squares model for fuzzy rules of inference. Fuzzy Sets and Systems, 1994, 64, 207-212.	2.7	9
459	A new nonlinear spatial encoding method for cascadable fuzzy logic. Optics Communications, 1994, 107, 461-470.	2.1	2
460	A driving simulator and its application for modeling route choice in the presence of information. Transportation Research Part C: Emerging Technologies, 1994, 2, 91-107.	7.6	54
461	Fuzzy controller for robot arm trajectory. Information Sciences, 1994, 2, 69-83.	0.2	4
462	An extended fuzzy linguistic approach to generalize boolean information retrieval. Information Sciences, 1994, 2, 119-134.	0.2	45
463	A criterion for knowledge base decoupling in fuzzy-logic control systems. IEEE Transactions on Systems, Man, and Cybernetics, 1994, 24, 1548-1552.	0.9	6
464	Automatic interpretation of sonar imagery using qualitative feature matching. IEEE Journal of Oceanic Engineering, 1994, 19, 391-405.	3.8	34
465	Fuzzy regression analysis by fuzzy neural networks and its application. , 0, , .		10
466	How sensible is the Leyden individual welfare function of income?. European Economic Review, 1994, 38, 1633-1659.	2.3	68
467	Generalization of the Expectation for a Unified Description of Random and Indefinite Factors. Theory of Probability and Its Applications, 1994, 38, 470-478.	0.3	0
468	A robust stabilization problem of fuzzy control systems and its application to backing up control of a truck-trailer. IEEE Transactions on Fuzzy Systems, 1994, 2, 119-134.	9.8	640
469	Application of fuzzy logic in the assurance sciences. , 0, , .		2
470	Solving fuzzy relational equations by max-min neural networks. , 0, , .		6
471	ASAFES: adaptive stochastic algorithm for fuzzy computing/function estimation. , 0, , .		3

#	ARTICLE	IF	CITATIONS
472	Interval valued fuzzy sets and fuzzy measures. , 0, , .		7
473	A theoretical justification for nonlinear control property of a class of fuzzy logic controllers. , 0, , .		5
474	An approach to the evaluation of human resources by using fuzzy set theory. , 0, , .		3
475	Integrating multisensor noisy and fuzzy data. , 0, , .		5
476	A fuzzy rule-based approach to real-time scheduling. , 0, , .		19
477	Robust Fuzzy-Logic Control of Converter - Synchronous Motor Drive. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 257-262.	0.4	0
478	Real-Time Intelligent Process Control using Continuous Fuzzy Petri Nets. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 98-104.	0.4	0
479	A Process Control and Diagnostic Tool Based on Continous Fuzzy Petri Nets. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 103-108.	0.4	0
480	Linguistics and uncertainty in intelligent systems. , 0, , .		1
481	Handling vagueness in information retrieval systems. , 0, , .		2
482	Fuzzy constraint networks for process control. , 0, , .		1
483	Image occlusions as a fuzzy reasoning problem. , 0, , .		0
484	Modeling, analysis and control of fuzzy systems. , 0, , .		0
485	Autonomous Robotic Mining Excavation Using Fuzzy Logic and Neural Networks. Journal of Intelligent and Fuzzy Systems, 1995, 3, 31-42.	1.4	11
486	Possibility Valuation based on Oridinal Utility. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 1175-1185.	0.0	1
487	Fuzzy Reasoning Techniques for Image Filtering, Edge Detection, and Edge Tracing. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 849-861.	0.0	4
488	Learning of Trapezoid Fuzzy Number Weights in Fuzzy Neural Networks. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 347-360.	0.0	1
489	Fuzzy Analysis and Neural Network Configuration used in Design Variant Choice. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 361-364.	0.4	0

#	ARTICLE	IF	CITATIONS
490	Distributed Discrete Filtering for Stochastic Systems with Noisy and Fuzzy Measurements. Control and Dynamic Systems, 1995, 73, 237-256.	0.1	0
492	Two-level tree search in fuzzy expert systems. IEEE Transactions on Systems, Man, and Cybernetics, 1995, 25, 555-568.	0.9	9
493	Fuzzy B-spline membership function (BMF) and its applications in fuzzy-neural control. IEEE Transactions on Systems, Man, and Cybernetics, 1995, 25, 841-851.	0.9	127
494	Fault-tree analysis: a knowledge-engineering approach. IEEE Transactions on Reliability, 1995, 44, 37-45.	4.6	57
495	A sequential selection process in group decision making with a linguistic assessment approach. Information Sciences, 1995, 85, 223-239.	6.9	538
496	A fuzzy variable structure approach to feedback regulation of uncertain dynamical systems, with application to robotics. Information Sciences, 1995, 85, 241-273.	6.9	6
497	A new approach toward modeling causality in commonsense reasoning. International Journal of Intelligent Systems, 1995, 10, 581-616.	5.7	6
498	Learning by fuzzified neural networks. International Journal of Approximate Reasoning, 1995, 13, 327-358.	3.3	69
499	A LOGIC OF ARGUMENTATION FOR REASONING UNDER UNCERTAINTY. Computational Intelligence, 1995, 11, 113-131.	3.2	199
500	Some problems with the design of self-learning open-loop control systems. European Journal of Operational Research, 1995, 81, 543-552.	5.7	1
501	Determining the feature relevance for non-classically described objects and a new algorithm to compute typical fuzzy testors. Pattern Recognition Letters, 1995, 16, 1259-1265.	4.2	36
502	Use of fuzzy sets for evaluating shear strength of soils. Computers and Geotechnics, 1995, 17, 425-446.	4.7	19
503	A fuzzy approach to determine morphological thinning algorithms for fast removal of unwanted skeletal legs. Engineering Applications of Artificial Intelligence, 1995, 8, 281-298.	8.1	1
504	A process-control and diagnostic tool based on continuous fuzzy Petri nets. Engineering Applications of Artificial Intelligence, 1995, 8, 643-650.	8.1	9
505	Probability measure of adequacy assessment using a fuzzy approach. Electric Power Systems Research, 1995, 33, 7-15.	3.6	1
506	Possibility measures of transmission capacity assessment using a fuzzy approach. Electric Power Systems Research, 1995, 33, 165-173.	3.6	2
507	Linguistically oriented fuzzy logic control and its design. International Journal of Approximate Reasoning, 1995, 12, 263-277.	3.3	36
508	A resolution-based system for symbolic approximate reasoning. International Journal of Approximate Reasoning, 1995, 13, 201-246.	3.3	11

#	ARTICLE	IF	CITATIONS
509	Fuzzy normal forms. Fuzzy Sets and Systems, 1995, 69, 319-346.	2.7	76
510	Applications of product space algebra of conditional events and one-point random set representations of fuzzy sets to the development of conditional fuzzy sets. Fuzzy Sets and Systems, 1995, 69, 257-278.	2.7	11
511	Extending fuzzy relations. Fuzzy Sets and Systems, 1995, 69, 157-169.	2.7	9
512	Array approach to fuzzy logic. Fuzzy Sets and Systems, 1995, 70, 359-370.	2.7	9
513	A fuzzy neural network for rule acquiring on fuzzy control systems. Fuzzy Sets and Systems, 1995, 71, 345-357.	2.7	104
514	A learning algorithm of fuzzy neural networks with triangular fuzzy weights. Fuzzy Sets and Systems, 1995, 71, 277-293.	2.7	169
515	A new fuzzy time-series model of fuzzy number observations. Fuzzy Sets and Systems, 1995, 73, 341-348.	2.7	33
516	A note on t-norm-based addition of fuzzy intervals. Fuzzy Sets and Systems, 1995, 75, 73-76.	2.7	11
517	Neuro-linguistic approach to pattern recognition. Fuzzy Sets and Systems, 1995, 74, 277-305.	2.7	1
518	Bounded linear transformations between probabilistic normed vector spaces. Fuzzy Sets and Systems, 1995, 73, 167-183.	2.7	3
519	Neoclassical analysis: Fuzzy continuity and convergence. Fuzzy Sets and Systems, 1995, 75, 291-299.	2.7	30
520	Inverse Analysis of Galvanic Corrosion Using Fuzzy A Priori Information. JSME International Journal Series A-Solid Mechanics and Material Engineering, 1995, 38, 541-546.	0.1	2
521	Fuzzy logic control in decision-making. , 0, , .		2
522	Context dependency of concepts in fuzzy logic. , 0, , .		1
523	Design of a VLSI parallel processor for fuzzy computing. , 0, , .		5
524	A NETWORK MODEL FOR ORGANIZATIONAL DECISION MAKING. Cybernetics and Systems, 1995, 26, 237-263.	2.5	4
525	A new identification method for linguistic fuzzy models. , 0, , .		39
526	Fuzzy belief and scene interpretation. , 0, , .		3

#	ARTICLE	IF	CITATIONS
527	MP AND INVARIANT MP APPROXIMATIONS OF FUZZY INFERENCE RULES. International Journal of General Systems, 1995, 23, 255-269.	2.5	1
528	Fundamentals of fuzzy knowledge base for image understanding. , 0, , .		5
529	A DSS devoted to the evaluation of qualitative criteria. , 0, , .		0
530	Structural learning of fuzzy rules from noised examples. , 0, , .		4
531	A freehand interface for computer aided drawing systems based on the fuzzy spline curve identifier. , 0, , .		7
532	The design of a fuzzy constraint-base controller for a dynamic control system. , 0, , .		3
533	Qualitative modeling with gradual and similarity rules. , 0, , .		1
534	Possibility multivariate analysis. , 0, , .		0
535	A comprehensive strategy for longitudinal vehicle control with fuzzy supervisory expert system. , 0, , .		6
536	Management of complex attributes with fuzzy values in databases. , 0, , .		1
537	A new proof of completeness of fuzzy logic and some conclusions for approximate reasoning. , 0, , .		4
538	A weighted fuzzy production rule evaluation method. , 0, , .		14
539	A reference framework for the application of the fuzzy set theory to the assessment of investments in advanced manufacturing technologies. , 0, , .		0
540	Fuzzy control of technological processes in APL2. , 1995, , .		1
541	Fuzzy genetic controllers for the autonomous rendezvous and docking problem. , 1995, , .		1
542	Artificial neural networks and fuzzy logic for system modeling and control: a comparative study. , 0, , .		1
543	Coupling a machine vision sensor and a neural net supervised controller: controlling microbial cultivations. Journal of Biotechnology, 1995, 38, 219-228.	3.8	7
544	A fuzzy logic system for the detection and recognition of handwritten street numbers. IEEE Transactions on Fuzzy Systems, 1995, 3, 83-95.	9.8	32

#	Article	IF	Citations
545	Fuzzy Sets in Probabilistic Structural Mechanics. , 1995, , 280-316.		7
546	Generation of polyline reference sets on quantized supports. , 0, , .		0
547	Ordering fuzzy numbers with application to fuzzy linear programming. , 0, , .		0
548	Fuzzy patterns recognition. , 0, , .		2
549	Fuzzy robust regression analysis based on a hyperelliptic function. , 0, , .		6
550	A Probabilistic and Statistical View of Fuzzy Methods. Technometrics, 1995, 37, 249-261.	1.9	145
551	Interval based evidence sets. , 0, , .		3
552	Distributed fuzzy control of communications. , 0, , .		3
553	A fuzzy-based distributed load balancing algorithm for large distributed systems. , 0, , .		19
554	A continuous fuzzy Petri net tool for intelligent process monitoring and control. IEEE Transactions on Control Systems Technology, 1995, 3, 318-329.	5.2	7
555	Current regulation with inverter drives based on fuzzy approach. , 0, , .		0
556	Classification of fuzzy input patterns by neural networks. , 0, , .		4
557	On fuzzy random variables. , 0, , .		0
558	Insurance Rate Changing: A Fuzzy Logic Approach. Journal of Risk and Insurance, 1996, 63, 461.	1.6	33
559	Generating fuzzy if-then rules from trained neural networks: linguistic analysis of neural networks. , 0, , .		21
560	Fuzzy Expert System and GIS for Solid Waste Disposal Siting in Regional Planning. Annals of GIS, 1996, 2, 37-50.	3.1	1
561	A new methodology of fuzzy constraint-based controller design via constraint-network processing. IEEE Transactions on Fuzzy Systems, 1996, 4, 166-178.	9.8	6
562	Parallel fuzzy inference with an optoelectronic H-tree architecture. Applied Optics, 1996, 35, 6320.	2.1	2

#	Article	IF	Citations
563	Group decision making using fuzzy sets theory for evaluating the rate of aggregative risk in software development. Fuzzy Sets and Systems, 1996, 80, 261-271.	2.7	97
564	Image filtering, edge detection, and edge tracing using fuzzy reasoning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1996, 18, 481-491.	13.9	113
565	The interpretation of fuzziness. IEEE Transactions on Systems, Man, and Cybernetics, 1996, 26, 321-326.	5.0	30
566	Visual representation of natural language scene descriptions. IEEE Transactions on Systems, Man, and Cybernetics, 1996, 26, 575-589.	5.0	5
567	On robust fuzzy systems. , 0, , .		3
568	Toward fuzzy-valued matching and similarity assessment. , 0, , .		1
569	On the set representation fop, variances of fuzzy random vectors. , 0, , .		2
570	Labels evaluation for the fuzzy patterns recognition. , 0, , .		0
571	A fuzzy model for workload assessment in complex task situations. , 0, , .		1
572	Operator fuzzy modal logic and principle of resolution. , 0, , .		0
573	Nonlinear modeling of uncertain dynamical systems using fuzzy set concepts. , 0, , .		9
574	Soft computing based control system for catalytic cracking processes. , 0, , .		0
575	Fuzzy inference based on a weighted average of fuzzy sets and its application to ATM network control. , 0, , .		1
576	Rapid prototyping for fuzzy systems. , 0, , .		2
577	A Method in Linguistic Reasoning on a Knowledge Base Representing by Sentences with Linguistic Belief Degree. Fundamenta Informaticae, 1996, 28, 247-259.	0.4	7
578	Dynamic Switching of Fuzzy Resolution in Knowledge-Based Self-Tuning Control. Journal of Intelligent and Fuzzy Systems, 1996, 4, 75-85.	1.4	2
579	On the semantics for qualified syllogisms. , 0, , .		0
580	Fuzzy Fault Tree Analysis for Structural Safety. Journal of Intelligent and Fuzzy Systems, 1996, 4, 269-280.	1.4	3

#	ARTICLE	IF	CITATIONS
581	Recent Advances in Fuzzy Modeling and Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 43-54.	0.4	0
582	Posture Control of Human Body Model Using Natural Language Processing Interface Applying Fuzzy Inference. Journal of Japan Society for Fuzzy Theory and Systems, 1996, 8, 1016-1022.	0.0	0
583	A Framework for Qualitative Modeling from Linguistic Data and Its Application to the Mulder's Theory of Power. Journal of Japan Society for Fuzzy Theory and Systems, 1996, 8, 358-377.	0.0	0
584	The invariance of optimum solution in a multiâ€objective fuzzy environment. Kybernetes, 1996, 25, 17-32.	2.2	3
585	Belief Networks for Expert System Development in Auditing. Intelligent Systems in Accounting, Finance and Management, 1996, 5, 147-163.	4.6	4
586	An information theoretic technique to design belief network based expert systems. Decision Support Systems, 1996, 17, 13-30.	5.9	2
587	A new model for linguistic modifiers. International Journal of Approximate Reasoning, 1996, 15, 25-47.	3.3	26
588	Sampling, fuzzy discretization, and signal reconstruction. Fuzzy Sets and Systems, 1996, 79, 151-161.	2.7	4
589	s-norm aggregation of infinite collections. Fuzzy Sets and Systems, 1996, 84, 255-269.	2.7	10
590	A fuzzy knowledge base for dynamic image understanding. Pattern Recognition Letters, 1996, 17, 601-605.	4.2	1
591	Measures of uncertainty in expert systems. Artificial Intelligence, 1996, 83, 1-58.	5.8	302
592	P.P. Nayak and L. Joskowicz, Efficient compositional modeling for generating causal explations. Artificial Intelligence, 1996, 83, 189-190.	5.8	66
593	Fuzzy independence and extended conditional probability. Information Sciences, 1996, 90, 137-156.	6.9	7
594	A model of consensus in group decision making under linguistic assessments. Fuzzy Sets and Systems, 1996, 78, 73-87.	2.7	1,010
595	Dynamic fuzzy-reasoning-based function estimator. Fuzzy Sets and Systems, 1996, 79, 357-366.	2.7	5
596	Forecasting enrollments based on fuzzy time series. Fuzzy Sets and Systems, 1996, 81, 311-319.	2.7	947
597	Non-specificity and interval-valued fuzzy sets. Fuzzy Sets and Systems, 1996, 80, 87-100.	2.7	42
598	Addition and series of fuzzy sets. Fuzzy Sets and Systems, 1996, 83, 341-346.	2.7	12

#	Article	IF	Citations
599	Zadeh's extension principle in design reliability. Fuzzy Sets and Systems, 1996, 83, 169-178.	2.7	9
600	Probabilistic sets and fuzzy reasoning for data analysis problems. Fuzzy Sets and Systems, 1996, 84, 199-208.	2.7	2
601	Towards general measures of comparison of objects. Fuzzy Sets and Systems, 1996, 84, 143-153.	2.7	280
602	The relation between inference and interpolation in the framework of fuzzy systems. Fuzzy Sets and Systems, 1996, 81, 331-354.	2.7	66
603	Classifying through a fuzzy algebraic structure. Fuzzy Sets and Systems, 1996, 78, 317-331.	2.7	9
604	A new identification method for fuzzy linear models of nonlinear dynamic systems. Journal of Process Control, 1996, 6, 277-293.	3.3	16
605	Analyzing FD inference in relational databases. Data and Knowledge Engineering, 1996, 18, 167-183.	3.4	24
606	The aggregation of complementary information via fuzzy sensors. Measurement: Journal of the International Measurement Confederation, 1996, 17, 235-249.	5.0	46
607	Reliability evaluation of a hydraulic truck crane using field data with fuzziness. Microelectronics Reliability, 1996, 36, 1531-1536.	1.7	23
608	Fundamentals and Bayesian analyses of decision problems with fuzzy-valued utilities. International Journal of Approximate Reasoning, 1996, 15, 203-224.	3.3	41
609	On Biased Measures and Typical Values. Intelligent Automation and Soft Computing, 1996, 2, 251-259.	2.1	0
610	An index structure for fuzzy databases. , 0, , .		9
611	Fuzzy logic approach for computing the probability of target detection in cluttered scenes. Optical Engineering, 1996, 35, 3623.	1.0	17
612	Continuous fuzzy conjunctions and disjunctions. IEEE Transactions on Fuzzy Systems, 1996, 4, 295-314.	9.8	9
613	Hardware design of asynchronous fuzzy controllers. IEEE Transactions on Fuzzy Systems, 1996, 4, 328-338.	9.8	11
614	Approximative conjunctions processing by multi-valued logic. , 0, , .		3
615	A Multi-objective Optimization of Radiative Fin Array Systems in a Fuzzy Environment. Journal of Heat Transfer, 1996, 118, 642-649.	2.1	9
616	Minimization of fuzzy systems based on fuzzy inference graphs. , 0, , .		2

#	Article	IF	Citations
617	Fuzzy propositional logic and two-sided (intuitionistic) fuzzy propositions. , 0, , .		4
618	On constrained fuzzy arithmetic. , 0, , .		12
620	Possibility Theory and Soft Data Analysis. Advances in Fuzzy Systems, 1996, , 481-541.	8.7	18
621	An algorithm for fuzzy multi-criteria decision making. , 0, , .		13
622	STATISTICAL INFERENCES BASED ON A SECOND-ORDER POSSIBILITY DISTRIBUTION. International Journal of General Systems, 1997, 26, 337-383.	2.5	82
623	Power command enhancement in mobile communication systems using an embedded fuzzy unit. , 1997, , .		1
624	POSSIBILITY THEORY I: THE MEASURE- AND INTEGRAL-THEORETIC GROUNDWORK. International Journal of General Systems, 1997, 25, 291-323.	2.5	195
625	Extension of an inequality index for fuzzy-valued attributes. , 0, , .		1
626	Positioning of a mobile robot with landmark-based method. , 0, , .		8
627	Fuzzy rule encoding techniques. , 0, , .		0
628	Demand forecast by neuro-fuzzy techniques. , 0, , .		13
629	A successive approximation method for solving multiâ€objective fuzzy optimization problems. Kybernetes, 1997, 26, 392-406.	2.2	1
630	A fuzzy neural hybrid system modeling. , 0, , .		2
631	Normalized Conditional Possibility Distributions and Informational Connection Between Fuzzy Variables. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1997, 05, 177-198.	1.9	8
632	Stochastic Linear Programming and Decision : A Fuzzy Approach. Opsearch, 1997, 34, 167-179.	1.8	1
633	<title>Achieving realistic performance and decison-making capabilities in computer-generated air forces</title>. , 1997, 3085, 195.		0
634	Fuzzy metaqueries for guiding the discovery process in KDD. , 0, , .		0
636	Factor selection of a fuzzy system. , 0, , .		0

#	ARTICLE	IF	CITATIONS
637	Towards Neuro-Linguistic Modelling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 521-526.	0.4	0
638	A Man-Machine Interface Based on Fuzzy Concepts. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 45-50.	0.4	0
639	Enhancing behavioral fidelity within distributed virtual environments. , 0, , .		5
640	A knowledge-base generating hierarchical fuzzy-neural controller. IEEE Transactions on Neural Networks, 1997, 8, 1531-1541.	4.2	21
641	Using information measures for determining the relevance of the predictive variables in learning problems. , 0, , .		1
642	A fuzzy approach for performance modeling in a batch plant: application to semiconductor manufacturing. IEEE Transactions on Fuzzy Systems, 1997, 5, 338-357.	9.8	11
643	Fuzzy logic applications to multisensor-multitarget correlation. IEEE Transactions on Aerospace and Electronic Systems, 1997, 33, 752-769.	4.7	66
644	Fuzzy connection admission control for ATM networks based on possibility distribution of cell loss ratio. IEEE Journal on Selected Areas in Communications, 1997, 15, 179-190.	14.0	25
645	Background and perspectives of possibilistic graphical models. Lecture Notes in Computer Science, 1997, , 108-121.	1.3	21
646	An application of fuzzy set theory to the individual investor problem. Financial Services Review, 1997, 6, 97-107.	0.3	6
647	Using fuzzy numbers in linear programming. IEEE Transactions on Systems, Man, and Cybernetics, 1997, 27, 1016-1022.	5.0	89
648	Evaluating tourist risks from fuzzy perspectives. Annals of Tourism Research, 1997, 24, 796-812.	6.4	296
649	Modelling fuzzy production rules with fuzzy expert networks. Expert Systems With Applications, 1997, 13, 169-178.	7.6	6
650	Fuzzy sets and fuzzy decision making in nutrition. European Journal of Clinical Nutrition, 1997, 51, 286-296.	2.9	19
651	Shape preserving additions of fuzzy intervals. Fuzzy Sets and Systems, 1997, 86, 73-78.	2.7	94
652	The ethics of modelling. Control Engineering Practice, 1997, 5, 519-526.	5.5	3
653	Operations research applications in Taiwan: A linguistic approach. European Journal of Operational Research, 1997, 103, 628-634.	5.7	6
654	Linguistic measures based on fuzzy coincidence for reaching consensus in group decision making. International Journal of Approximate Reasoning, 1997, 16, 309-334.	3.3	125

#	ARTICLE	IF	CITATIONS
655	Minimal locally bounded fuzzy neighborhood rings and commutative division rings. Fuzzy Sets and Systems, 1997, 87, 87-97.	2.7	3
656	On the convergence of fuzzy-number-valued functions. Fuzzy Sets and Systems, 1997, 87, 373-375.	2.7	1
657	Graded numbers and graded convergence of fuzzy numbers. Fuzzy Sets and Systems, 1997, 88, 183-194.	2.7	9
658	Fuzzy stochastic fuzzy time series and its models. Fuzzy Sets and Systems, 1997, 88, 333-341.	2.7	36
659	Algorithmic estimate for aggregated powerset relations. Fuzzy Sets and Systems, 1997, 89, 223-229.	2.7	0
660	Reasoning with vague default. Fuzzy Sets and Systems, 1997, 91, 327-338.	2.7	17
661	Reasoning system with fuzzy uncertainty. Fuzzy Sets and Systems, 1997, 92, 51-59.	2.7	6
662	Toward a theory of fuzzy information granulation and its centrality in human reasoning and fuzzy logic. Fuzzy Sets and Systems, 1997, 90, 111-127.	2.7	2,465
663	Fuzzy sets and operations research: Perspectives. Fuzzy Sets and Systems, 1997, 90, 207-218.	2.7	23
664	Fuzzy arithmetic with requisite constraints. Fuzzy Sets and Systems, 1997, 91, 165-175.	2.7	208
665	A T-sum bound of LR-fuzzy numbers. Fuzzy Sets and Systems, 1997, 91, 239-252.	2.7	18
666	Bidirectional approximate reasoning based on interval-valued fuzzy sets. Fuzzy Sets and Systems, 1997, 91, 339-353.	2.7	93
667	Constructive definitions of fuzzy random variables. Statistics and Probability Letters, 1997, 36, 135-143.	0.7	57
668	Reliability of systems by mixture forms of uncertainty. Microelectronics Reliability, 1997, 37, 779-783.	1.7	5
669	Partitioning of feature space for pattern classification. Pattern Recognition, 1997, 30, 1971-1990.	8.1	12
670	Nutri-expert, an educational software in nutrition. International Journal of Intelligent Systems, 1997, 12, 915-933.	5.7	4
671	Dynamic reasoning with qualified syllogisms. Artificial Intelligence, 1997, 93, 103-167.	5.8	39
672	Self-learning general purpose PID controller. Journal of the Franklin Institute, 1997, 334, 167-189.	3.4	12

#	Article	IF	Citations
673	Parallel fuzzy inference based on Î±-level sets and generalized means. Information Sciences, 1997, 100, 165-206.	6.9	13
674	Intelligent system. Information Sciences, 1997, 103, 135-159.	6.9	26
675	A new structure for fuzzy systems: Fuzzy propositional logic and multi-universe representation of fuzzy decision processes. Fuzzy Sets and Systems, 1997, 85, 325-354.	2.7	4
676	Similarity of fuzzy data in a case-based fuzzy system in anaesthesia. Fuzzy Sets and Systems, 1997, 85, 247-262.	2.7	14
677	Fuzzy-valued integrals of fuzzy-valued measurable functions with respect to fuzzy-valued measures based on closed intervals. Fuzzy Sets and Systems, 1997, 87, 65-78.	2.7	7
678	Approximating integrably bounded fuzzy random variables in terms of the â€œgeneralizedâ€•Hausdorff metric. Information Sciences, 1998, 104, 279-291.	6.9	17
679	Parallel and multistage fuzzy inference based on families of Î±-level sets. Information Sciences, 1998, 106, 159-195.	6.9	21
680	Combining numerical and linguistic information in group decision making. Information Sciences, 1998, 107, 177-194.	6.9	285
681	Fuzzy partition and fuzzy rule base. Information Sciences, 1998, 108, 109-121.	6.9	3
682	The improper fuzzy Riemann integral and its numerical integration. Information Sciences, 1998, 111, 109-137.	6.9	84
683	Fuzzy Logic for Biological and Agricultural Systems. Artificial Intelligence Review, 1998, 12, 213-225.	15.7	40
684	Soft numbers: problems with the quality of official data. Geo Journal, 1998, 44, 309-320.	3.1	1
685	On the Applicability of Analytical Techniques for the Selection of AMTs in Small-Medium Sized Firms. Small Business Economics, 1998, 10, 293-304.	6.7	11
686	Title is missing!. Natural Hazards, 1998, 17, 77-97.	3.4	153
687	The fuzzy hyperbolic inequality index associated with fuzzy random variables. European Journal of Operational Research, 1998, 110, 377-391.	5.7	10
688	Fundamentals of clinical methodology: 2. Etiology. Artificial Intelligence in Medicine, 1998, 12, 227-270.	6.5	31
689	Extension from a linear associative memory to a linguistic linear associative memory. International Journal of Intelligent Systems, 1998, 13, 41-57.	5.7	1
690	Sugeno, Mamdani, and fuzzy Mamdani controllers put in a uniform interpolation framework. International Journal of Intelligent Systems, 1998, 13, 243-256.	5.7	2

#	Article	IF	Citations
691	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods. International Journal of Intelligent Systems, 1998, 13, 1025-1053.	5.7	94
692	Towards formal theory of soft computing. Soft Computing, 1998, 2, 4-6.	3.6	5
693	Constrained fuzzy arithmetic: Basic questions and some answers. Soft Computing, 1998, 2, 100-108.	3.6	75
694	Fuzzy arithmetic-based interpolative reasoning for nonlinear dynamic fuzzy systems. Engineering Applications of Artificial Intelligence, 1998, 11, 781-789.	8.1	7
695	Reversing the order of integration in iterated expectations of fuzzy random variables, and statistical applications. Journal of Statistical Planning and Inference, 1998, 74, 11-29.	0.6	30
696	Fuzzy management of user actions during hypermedia navigation. International Journal of Approximate Reasoning, 1998, 18, 271-303.	3.3	4
697	The triangular norm-based addition of fuzzy intervals. Applied Mathematics Letters, 1998, 11, 9-13.	2.7	2
698	On a canonical representation of fuzzy numbers. Fuzzy Sets and Systems, 1998, 93, 125-135.	2.7	300
699	Propagation of uncertainty and imprecision in knowledge-based systems. Fuzzy Sets and Systems, 1998, 94, 29-43.	2.7	10
700	A fuzzy approach to stability of fuzzy controllers. Fuzzy Sets and Systems, 1998, 96, 161-172.	2.7	5
701	Completeness and consistency conditions for learning fuzzy rules. Fuzzy Sets and Systems, 1998, 96, 37-51.	2.7	114
702	Similarity rules and gradual rules for analogical and interpolative reasoning with imprecise data. Fuzzy Sets and Systems, 1998, 96, 53-75.	2.7	26
703	Fuzzy linear fractional goal programming applied to refinery operations planning. Fuzzy Sets and Systems, 1998, 96, 173-182.	2.7	30
704	Some considerations about a least squares model for fuzzy rules of inference. Fuzzy Sets and Systems, 1998, 97, 315-336.	2.7	5
705	Steady-state reliability of repairable systems by combined probability and possibility assumptions. Fuzzy Sets and Systems, 1998, 97, 193-202.	2.7	6
706	A fuzzy knowledge base to support routine engineering design. Fuzzy Sets and Systems, 1998, 98, 267-278.	2.7	13
707	Fuzzy object-oriented system design. Fuzzy Sets and Systems, 1998, 99, 121-134.	2.7	7
708	The Î»-average value and the fuzzy expectation of a fuzzy random variable. Fuzzy Sets and Systems, 1998, 99, 347-352.	2.7	44

#	ARTICLE	IF	CITATIONS
709	Handling forecasting problems using fuzzy time series. Fuzzy Sets and Systems, 1998, 100, 217-228.	2.7	297
710	Possibility theory is not fully compositional! A comment on a short note by H.J. Greenberg. Fuzzy Sets and Systems, 1998, 95, 131-134.	2.7	13
711	Infinite sum on the fuzzy real line. Fuzzy Sets and Systems, 1998, 98, 241-248.	2.7	2
712	Application of fuzzy logic in computer-aided VLSI design. IEEE Transactions on Fuzzy Systems, 1998, 6, 163-172.	9.8	18
713	A comparison of two analysis algorithms for fuzzy marking Petri nets. , 0, , .		0
714	An intelligent hybrid system for customer requirements analysis and product attribute targets determination. International Journal of Production Research, 1998, 36, 13-34.	7.5	171
715	Type 2 fuzzy sets for knowledge representation and inferencing. , 0, , .		13
716	Processing of binary temporal constructors for fuzzily-bounded time intervals in temporal databases. , 0, , .		0
717	Querying video using fuzzy temporal concepts. , 0, , .		0
718	Î±-complete information in factor space. IEEE Transactions on Fuzzy Systems, 1998, 6, 553-562.	9.8	3
719	Overview of fuzzy systems in reengineering. , 0, , .		0
720	Fuzzy adaptive internal model control. , 0, , .		3
721	Representing and comparing two kinds of fuzzy numbers. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 1998, 28, 573-576.	2.9	3
722	Fuzzy probability for system reliability. , 0, , .		4
723	On the optimization of fuzzy systems using bio-inspired strategies. , 0, , .		4
724	Fuzzy controlled feedback applied to a combined scanning tunneling and force microscope. Applied Physics Letters, 1998, 72, 25-27.	3.3	23
725	Defuzzification nonmonotonicity in material implication logics. , 0, , .		0
726	A type 2 adaptive fuzzy inferencing system. , 0, , .		26

#	Article	IF	Citations
727	Representation of structural information in images using fuzzy set theory. , 0, , .		3
728	Extensions to geometric approximations of spatial boundaries and assessment of fuzzy spatial relationships. , 0, , .		1
729	A constraint-based fuzzy logic controller. , 0, , .		0
730	Data mining with graphical models. Lecture Notes in Computer Science, 1998, , 3-16.	1.3	0
731	Techniques and Applications of Fuzzy Set Theory to Difference and Functional Equations and Their Utilization in Modeling Diverse Systems. , 1999, , 87-110.		1
732	Techniques in Neural Fuzzy Systems and Their Applications in Processing Both Numerical and Linguistic Information. , 1999, , 1393-1436.		0
733	Some uses of fuzzy logic in multimedia databases querying. , 1999, , .		5
734	A fuzzy error correction control system. , 0, , .		1
735	Fuzzy relevant logic: what is it and why study it?. , 0, , .		1
736	On the concept of qualitative fuzzy set. , 0, , .		16
737	A generalised object-oriented database model with generalised constraints. , 0, , .		2
738	Neural-network-based fuzzy model and its application to transient stability prediction in power systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 1999, 29, 149-157.	2.9	26
739	Application of a fuzzy knowledge base on bus operations under uncertainty. , 1999, , .		2
740	A new fuzzy-fractal approach for surface quality control in intelligent manufacturing of materials. , 1999, , .		0
741	Photovoltaic inverter systems with self-tuning fuzzy control based on an experimental planning method. , 0, , .		12
742	A fuzzy logic approach to the selection of cranes. Automation in Construction, 1999, 8, 597-608.	9.8	68
743	Trend detection based on a fuzzy temporal profile model. Advanced Engineering Informatics, 1999, 13, 341-349.	0.5	5
744	Fuzzy development of crisp activity relationship charts for facilities layout. Computers and Industrial Engineering, 1999, 36, 1-16.	6.3	40

#	Article	IF	Citations
745	Solving an assignment–selection problem with verbal information and using genetic algorithms. European Journal of Operational Research, 1999, 119, 326-337.	5.7	24
746	Gaussian clustering method based on maximum-fuzzy-entropy interpretation. Fuzzy Sets and Systems, 1999, 102, 253-258.	2.7	78
747	Continuity in Zadeh's compositional rule of inference. Fuzzy Sets and Systems, 1999, 104, 333-339.	2.7	10
748	Fuzzy control of unknown multiple-input-multiple-output plants. Fuzzy Sets and Systems, 1999, 104, 245-267.	2.7	15
749	Reasoning with vague truth. Fuzzy Sets and Systems, 1999, 105, 385-399.	2.7	14
750	Probability density functions of fuzzy random variables. Fuzzy Sets and Systems, 1999, 105, 139-158.	2.7	11
751	Towards neuro-linguistic modeling: Constraints for optimization of membership functions. Fuzzy Sets and Systems, 1999, 106, 357-380.	2.7	43
752	Development of a cost function for wastewater treatment systems with fuzzy regression. Fuzzy Sets and Systems, 1999, 106, 143-153.	2.7	18
753	Type I and Type II fuzzy system modeling. Fuzzy Sets and Systems, 1999, 106, 11-34.	2.7	47
754	Numerical solutions of fuzzy differential and integral equations. Fuzzy Sets and Systems, 1999, 106, 35-48.	2.7	226
755	Fuzzy sets as a basis for a theory of possibility. Fuzzy Sets and Systems, 1999, 100, 9-34.	2.7	2,355
756	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1999, 100, 73-132.	2.7	35
757	Analysis by fuzzy difference equations of a model of CO_2 level in the blood. Applied Mathematics Letters, 1999, 12, 33-40.	2.7	53
758	How optimal are computer-calculated optimal diets?. European Journal of Clinical Nutrition, 1999, 53, 309-318.	2.9	15
759	A fuzzy rule based backpropagation method for training binary multilayer perceptrons. Information Sciences, 1999, 113, 1-17.	6.9	8
760	Generalization of the group decision making using fuzzy sets theory for evaluating the rate of aggregative risk in software development. Information Sciences, 1999, 113, 301-311.	6.9	17
761	An extension of Fubini's theorem for fuzzy random variables. Information Sciences, 1999, 115, 29-41.	6.9	8
762	On the logic foundation of fuzzy reasoning. Information Sciences, 1999, 117, 47-88.	6.9	188

#	Article	IF	Citations
763	The central limit theorems for fuzzy random variables. Information Sciences, 1999, 120, 239-256.	6.9	27
764	Using fuzzy sets to represent uncertain spatial knowledge in autonomous robots. Spatial Cognition and Computation, 1999, 1, 205-226.	1.2	6
765	A Fuzzy-Based Approach to Stereotype Selection in Hypermedia. User Modeling and User-Adapted Interaction, 1999, 9, 285-320.	3.8	7
766	Intelligent Analysis and Off-Line Debugging of VLSI Device Test Programs. Journal of Electronic Testing: Theory and Applications (JETTA), 1999, 14, 273-293.	1.2	0
767	On linguistic approximation in the frame of fuzzy logic deduction. Soft Computing, 1999, 3, 111-116.	3.6	13
768	A generalized strong law of large numbers. Probability Theory and Related Fields, 1999, 114, 401-417.	1.8	97
769	Introduction: Threads in fuzzy Petri nets research. International Journal of Intelligent Systems, 1999, 14, 717-718.	5.7	3
770	Fuzzy time semirings and fuzzy-timing colored Petri nets. International Journal of Intelligent Systems, 1999, 14, 747-774.	5.7	4
771	Enhanced fuzzy temporal rules and their projection onto fuzzy Petri nets. International Journal of Intelligent Systems, 1999, 14, 775-804.	5.7	6
772	Modeling the Global Solar Radiation on the Earthâ€™s Surface Using Atmospheric Deterministic and Intelligent Data-Driven Techniques. Journal of Climate, 1999, 12, 3105-3116.	3.2	56
773	Intelligent adaptive control of robotic dynamic systems with a new hybrid neuro-fuzzy-fractal approach. , 0, , .		0
774	Induction of relational Fril rules. , 0, , .		0
775	A fuzzy model for road accidents analysis. , 0, , .		2
776	An analysis of type-1 and type-2 fuzzy logic systems. , 1999, , .		5
777	The Application Of Fuzzy Reasoning For Quality Function Deployment. Journal of the Chinese Institute of Industrial Engineers, 1999, 16, 725-732.	0.5	2
778	Comments on "Combinatorial rule explosion eliminated by a fuzzy rule configuration" [with reply]. IEEE Transactions on Fuzzy Systems, 1999, 7, 369-373.	9.8	72
779	SLAVE: a genetic learning system based on an iterative approach. IEEE Transactions on Fuzzy Systems, 1999, 7, 176-191.	9.8	215
780	A contextual fuzzy cognitive map framework for geographic information systems. IEEE Transactions on Fuzzy Systems, 1999, 7, 481-494.	9.8	54

#	Article	IF	Citations
781	A general method for surface quality control in intelligent manufacturing of materials using a new fuzzy-fractal approach. , 0, , .		3
782	Intelligent adaptive control of aircraft dynamic systems with a new neuro-fuzzy-fractal approach. , 0, , .		1
783	A theory of independent fuzzy probability for system reliability. IEEE Transactions on Fuzzy Systems, 1999, 7, 286-294.	9.8	41
784	Adaptive model-based control of robotic dynamic systems with a new neuro-fuzzy-fractal approach. , 0, , .		0
785	Corner detection and interpretation on planar curves using fuzzy reasoning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 1204-1210.	13.9	36
786	Semantic constraints for membership function optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1999, 29, 128-138.	2.9	220
787	A heuristic error-feedback learning algorithm for fuzzy modeling. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1999, 29, 686-691.	2.9	22
788	A fuzzy Petri net-based expert system and its application to damage assessment of bridges. IEEE Transactions on Systems, Man, and Cybernetics, 1999, 29, 350-370.	5.0	51
789	Fuzzy relation equations and fuzzy inference systems: an inside approach. IEEE Transactions on Systems, Man, and Cybernetics, 1999, 29, 694-702.	5.0	29
790	Type-2 fuzzy logic systems. IEEE Transactions on Fuzzy Systems, 1999, 7, 643-658.	9.8	1,351
791	A new neuro-fuzzy-fractal approach for adaptive model-based control of non-linear dynamic systems: the case of controlling aircraft dynamics. , 1999, , .		5
792	Figures in (De)composition:The genesis of the paradoxical self in paul auster'smoon palace(a fuzzy) Tj ETQq1 1 0.784314 rgBT /Overl	0.1	0
793	On-line learning model reference self-organizing fuzzy logic control. , 0, , .		0
796	Multi-criteria analysis for dredger dispatching under uncertainty. Journal of the Operational Research Society, 1999, 50, 35-43.	3.4	55
797	Fuzzy Decision Analysis and Fuzzy Utility Evaluation. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 721-733.	0.0	0
798	An overview on t-norms and t-conorms(2) : Applications. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 734-744.	0.0	0
799	Properties of Trapezoid Truth Values in Fuzzy Logic. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 338-346.	0.0	4
800	Fuzzy goal programming for solving fuzzy regression equation. , 1999, , .		0

#	Article	IF	Citations
801	Second thoughts on linguistic variables. , 0, , .		1
802	Model-Based Selection of Accelerometer Locations for Helicopter Gearbox Monitoring. Journal of the American Helicopter Society, 1999, 44, 269.	0.8	2
803	Applied System Analysis of Transition Crisis of Southeast Europe and new National Goal Formations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 85-94.	0.4	0
804	Pole Placement Controller Design Based on Fuzzy Process Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 219-224.	0.4	0
805	Control System Design for Building Heating Process Using Neuro-Fuzzy Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 537-542.	0.4	1
806	Concepts, states, and systems. AIP Conference Proceedings, 2000, , .	0.4	5
807	<title>Fuzzification of attribute-oriented generalization and its application to medicine</title>. , 2000, , .		0
808	Bridge Damage Assessment through Fuzzy Petri Net Based Expert System. Journal of Computing in Civil Engineering, 2000, 14, 141-149.	4.7	23
809	COMPUTING WITH WORDS â€" MADE EASY. , 2000, , .		2
810	A Performance Measurement System for Planning and Controlling a BtoC E-Commerce Strategy. Electronic Markets, 2000, 10, 130-143.	8.1	5
811	Document Retrieval from Multiple Sources of Information. Advances in Fuzzy Systems, 2000, , 250-261.	8.7	4
812	Decision making process via constraint-oriented fuzzy logic based on Chu space theory. , 0, , .		0
813	A c-fuzzy means algorithm for prototype induction. , 0, , .		4
814	A Note on the Extension Principle. Journal of Mathematical Analysis and Applications, 2000, 248, 678-682.	1.0	12
815	Layman's probability theory: A calculus for reasoning with linguistic likelihood. Information Sciences, 2000, 126, 71-82.	6.9	6
816	Efficient module selections for finding highly acceptable designs based on inclusion scheduling. Journal of Systems Architecture, 2000, 46, 1047-1071.	4.3	4
817	Choice functions and mechanisms for linguistic preference relations. European Journal of Operational Research, 2000, 120, 144-161.	5.7	316
818	The fuzzy Riemann integral and its numerical integration. Fuzzy Sets and Systems, 2000, 110, 1-25.	2.7	78

#	ARTICLE	IF	CITATIONS
819	A possibilistic-logic-based approach to integrating imprecise and uncertain information. Fuzzy Sets and Systems, 2000, 113, 309-322.	2.7	11
820	A fusion approach for managing multi-granularity linguistic term sets in decision making. Fuzzy Sets and Systems, 2000, 114, 43-58.	2.7	716
821	A fuzzy decision support system for equipment repair under battle conditions. Fuzzy Sets and Systems, 2000, 115, 141-157.	2.7	20
822	Linguistic decision analysis: steps for solving decision problems under linguistic information. Fuzzy Sets and Systems, 2000, 115, 67-82.	2.7	1,342
823	Global vision and performance indicators for an industrial improvement approach. Computers in Industry, 2000, 43, 211-225.	9.9	56
824	Approximate reasoning and conflict resolution. International Journal of Approximate Reasoning, 2000, 25, 15-42.	3.3	6
825	Fuzzy cardinality based evaluation of quantified sentences. International Journal of Approximate Reasoning, 2000, 23, 23-66.	3.3	148
826	Knowledge-based assessment of watershed condition. Computers and Electronics in Agriculture, 2000, 27, 315-334.	7.7	39
827	Multicriterion Ranking of Alternatives and Planning of Coordinate Measurements. Measurement Techniques, 2000, 43, 844-851.	0.6	1
828	A Soft Computing Approach to Road Classification. Journal of Intelligent and Robotic Systems: Theory and Applications, 2000, 29, 349-387.	3.4	9
829	Evolution of Cognition: Towards the Theory of Origin of Human Logic. Foundations of Science, 2000, 5, 323-338.	0.7	5
830	A study on fuzzy reasoning mechanism based on extension principle. , 0, , .		0
831	Fuzzy rules generation from data through fuzzy evaluation of fuzzy rules. , 0, , .		1
832	A Subjective Design Framework for Conceptual Design of Polymeric Processes with Multiple Parameters. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2000, 12, 220-234.	2.1	4
833	Decision feedback equalizer for nonlinear time-varying channels using type-2 fuzzy adaptive filters. , 0, , .		3
834	A NEW METHOD FOR CONSTRUCTING FUZZY DECISION TREES AND GENERATING FUZZY CLASSIFICATION RULES FROM TRAINING EXAMPLES. Cybernetics and Systems, 2000, 31, 763-785.	2.5	11
835	ESTIMATING NULL VALUES IN THE DISTRIBUTED RELATIONAL DATABASES ENVIRONMENT. Cybernetics and Systems, 2000, 31, 851-871.	2.5	22
836	Refinement of fuzzy production rules by neuro-fuzzy networks. , 0, , .		0

#	Article	IF	Citations
837	About knowledge representation and processing in intelligent systems. , 0, , .		1
838	Fuzzy multicriteria evaluation in traditional Chinese medical diagnosis of cerebral apoplexy: an application of approximate reasoning. , 0, , .		2
840	Fuzzy MCDM procedure for evaluating flexible manufacturing system alternatives. , 0, , .		2
841	A fuzzy approach for modeling chaotic dynamics with assigned properties. , 0, , .		9
842	Building a fuzzy system for ranking telecommunication access network projects. , 0, , .		1
843	A fuzzy approach to adaptive hypermedia. , 0, , .		4
844	Overcoming time-varying co-channel interference using type-2 fuzzy adaptive filters. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2000, 47, 1419-1428.	2.2	65
845	Design of intelligent control systems with use of soft computing: conceptions and methods. , 0, , .		0
846	On fuzzy statistical analysis for vague random data associated with human feelings. , 0, , .		0
847	Problems and Prospects in Fuzzy Data Analysis. Lecture Notes in Computer Science, 2000, , 95-109.	1.3	2
848	Temperature prediction using fuzzy time series. IEEE Transactions on Systems, Man, and Cybernetics, 2000, 30, 263-275.	5.0	316
849	Interval type-2 fuzzy logic systems: theory and design. IEEE Transactions on Fuzzy Systems, 2000, 8, 535-550.	9.8	1,617
850	A new class of fuzzy modifiers. , 0, , .		9
851	High-quality decision making by aim-oriented modeling. , 0, , .		0
852	Firing particles detection based on adaptive fuzzy local threshold in sequence images. , 0, , .		0
853	From approximative to descriptive models. , 0, , .		9
854	Computing resource bounds using inclusion scheduling. , 0, , .		0
855	Fuzzy concepts and formal methods: some illustrative examples. , 0, , .		4

#	Article	IF	Citations
856	Fast intelligent relaying using fuzzy logic technique. , 0, , .		5
857	Fuzzy models for intellectual industrial regulators in control systems of thermal power stations. , 0, , .		1
858	Fuzzy linear regression for contact identification. , 0, , .		3
859	Software cost estimation with fuzzy models. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2000, 8, 24-29.	0.9	62
860	Fuzzy sets and the theory of neuronal group selection for the problem of classification. , 0, , .		2
861	A 2-tuple fuzzy linguistic representation model for computing with words. IEEE Transactions on Fuzzy Systems, 2000, 8, 746-752.	9.8	2,161
862	A new method for fuzzy estimation of the fractal dimension and its applications to time series analysis and pattern recognition. , 0, , .		15
863	A fuzzy multiple objective programming approach for personnel selection. , 0, , .		20
864	Fuzzy information and optimal fuzzy partition. , 0, , .		0
865	Equalization of nonlinear time-varying channels using type-2 fuzzy adaptive filters. IEEE Transactions on Fuzzy Systems, 2000, 8, 551-563.	9.8	298
866	Fuzzy Image Processing. , 2000, , 541-576.		25
867	Fuzzy adaptive internal model control. IEEE Transactions on Industrial Electronics, 2000, 47, 193-202.	7.9	46
868	Efficient design exploration based on module utility selection. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2000, 19, 19-29.	2.7	21
869	Fuzzy techniques evaluate sausage quality. IEEE Instrumentation and Measurement Magazine, 2000, 3, 14-17.	1.6	7
870	Fuzzy analysis of statistical evidence. IEEE Transactions on Fuzzy Systems, 2000, 8, 796-799.	9.8	18
871	Fuzzy Interval Analysis. The Handbooks of Fuzzy Sets Series, 2000, , 483-581.	0.5	180
872	Intelligent control of complex electrochemical systems with a neuro-fuzzy-genetic approach. IEEE Transactions on Industrial Electronics, 2001, 48, 951-955.	7.9	88
873	Fuzzy logic techniques in multimedia database querying: a preliminary investigation of the potentials. IEEE Transactions on Knowledge and Data Engineering, 2001, 13, 383-392.	5.7	29

#	ARTICLE	IF	CITATIONS
874	Evaluating Investments in Advanced Manufacturing Technology: A Fuzzy Set Theory Approach. British Accounting Review, 2001, 33, 455-489.	3.9	88
875	A relational framework for approximate reasoning in truth space. , 0, , .		0
876	A model based on linguistic 2-tuples for dealing with multigranular hierarchical linguistic contexts in multi-expert decision-making. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 227-234.	5.0	767
877	Dynamic image sequence analysis using fuzzy measures. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 557-572.	5.0	20
878	A new theory of fuzzy chaos and its application for simulation and control of robotic dynamic systems. , 0, , .		1
879	Intelligent adaptive control of nonlinear dynamical systems with a hybrid neuro-fuzzy-genetic approach. , 0, , .		0
880	Fuzzy model and membership for two-dimensional variables. , 0, , .		1
881	A Conceptual View of Knowledge Bases in Rough Set Theory. Lecture Notes in Computer Science, 2001, , 220-228.	1.3	28
882	Fuzzy model of generator bidding system in competitive electricity markets. , 0, , .		12
883	Using fuzzy labels as background knowledge for linguistic summarization of databases. , 0, , .		9
884	Logical foundations for constraints on fuzzy sets in soft computing: MV-partitions and refinement. , 0, , .		0
885	Data summarization using extended concept hierarchies. , 0, , .		3
886	Fuzzy quantifiers for data summarization and their role in granular computing. , 0, , .		1
887	Several results on de Morgan algebra and Kleene algebra of fuzzy logic. , 0, , .		0
888	CONDENSE: A concurrent design evaluation system for product design. International Journal of Production Research, 2001, 39, 413-433.	7.5	34
889	A fuzzy model for the representation and recognition of linguistically described trends. Intelligent Data Analysis, 2001, 5, 503-529.	0.9	2
890	A linguistic evaluation approach for strengthened safeguards relevant information. , 0, , .		0
891	Case-based system: indexing and retrieval with fuzzy hypercube. , 0, , .		9

#	ARTICLE	IF	CITATIONS
892	Expanding the definitions of linguistic hedges. , 0, , .		7
893	Local relation mapping theory of fuzzy reasoning. , 0, , .		1
894	Fuzzy Quantification of Subjective Data. Journal of Japan Society for Fuzzy Theory and Systems, 2001, 13, 514-521.	0.0	0
895	Theory of classification using the object-predicate table for our better understanding of intergroup relationship. , 0, , .		0
896	Fuzzy Logic Application in Gasket Selection and Sealing Performance. International Journal of Advanced Manufacturing Technology, 2001, 18, 67-78.	3.0	12
897	Multivalued Fuzzy Sets in Cost/Time Estimation of Flat Plate Processing. International Journal of Advanced Manufacturing Technology, 2001, 17, 751-759.	3.0	13
898	Conceptual Modeling for Design Formulation. Engineering With Computers, 2001, 17, 95-111.	6.1	5
899	Shape preserving multiplications of fuzzy numbers. Fuzzy Sets and Systems, 2001, 123, 81-84.	2.7	45
900	An invitation to topological structures on first order genuine sets. Fuzzy Sets and Systems, 2001, 119, 521-527.	2.7	1
901	A fuzzy rule-based algorithm to train perceptrons. Fuzzy Sets and Systems, 2001, 118, 359-367.	2.7	3
902	Including a simplicity criterion in the selection of the best rule in a genetic fuzzy learning algorithm. Fuzzy Sets and Systems, 2001, 120, 309-321.	2.7	75
903	A method to derive strong laws of large numbers for random upper semicontinuous functions. Statistics and Probability Letters, 2001, 53, 269-275.	0.7	13
904	Cpk index estimation using fuzzy numbers. European Journal of Operational Research, 2001, 129, 683-688.	5.7	79
905	A commutative l-monoid for classification with fuzzy attributes. International Journal of Approximate Reasoning, 2001, 26, 1-46.	3.3	2
906	Fuzzy modeling by hierarchically built fuzzy rule bases. International Journal of Approximate Reasoning, 2001, 27, 61-93.	3.3	14
907	Adaptive fuzzy systems in group technology. Computers and Mathematics With Applications, 2001, 42, 1393-1400.	2.7	2
908	New fusion methodology approach and application to mobile robotics: investigation in the framework of possibility theory. Information Fusion, 2001, 2, 31-48.	19.1	12
909	A regression methodology to induce a fuzzy model. International Journal of Intelligent Systems, 2001, 16, 169-190.	5.7	7

#	Article	IF	Citations
910	Two-sample hypothesis tests of means of a fuzzy random variable. Information Sciences, 2001, 133, 89-100.	6.9	88
911	Estimating the expected value of fuzzy random variables in the stratified random sampling from finite populations. Information Sciences, 2001, 138, 165-184.	6.9	19
912	Closures of fuzzy linguistic truth value with regards to the extension principle. , 0, , .		2
913	Solution of a Diagnostics Problem on the Basis of Fuzzy Relations and a Genetic Algorithm. Cybernetics and Systems Analysis, 2001, 37, 918-925.	0.7	4
914	Title is missing!. Automation and Remote Control, 2001, 62, 1597-1607.	0.8	0
915	Extraction of Fuzzy Knowledge Bases from Experimental Data by Genetic Algorithms. Cybernetics and Systems Analysis, 2001, 37, 501-508.	0.7	7
916	The implementation of quality function deployment based on linguistic data. Journal of Intelligent Manufacturing, 2001, 12, 65-75.	7.3	90
917	A generalized real-valued measure of the inequality associated with a fuzzy random variable. International Journal of Approximate Reasoning, 2001, 26, 47-66.	3.3	6
918	Knowledge-based enhancement of megavoltage images in radiation therapy using a hybrid neuro-fuzzy system. Image and Vision Computing, 2001, 19, 217-233.	4.5	8
919	A fuzzy error correction control system. IEEE Transactions on Instrumentation and Measurement, 2001, 50, 1456-1463.	4.7	3
920	The Fuzzy Revolution: Goodbye to the Aristotelian Weltanschauung. Artificial Intelligence in Medicine, 2001, 21, 1-25.	6.5	40
921	Fuzzy sets in human anatomy. Artificial Intelligence in Medicine, 2001, 21, 147-152.	6.5	3
922	Introduction to uncertainty bounds and their use in the design of interval type-2 fuzzy logic systems. , 0, , .		3
923	Selection of features in transparent fuzzy modelling. , 0, , .		0
924	Automated quality control in sound speaker manufacturing using a hybrid neuro-fuzzy approach. , 0, , .		0
925	Label prototypes for modelling with words. , 0, , .		6
926	Experimental data about knowledge evaluation in a distance learning system. , 0, , .		8
927	Towards temporal linguistic variables. , 0, , .		1

#	ARTICLE	IF	CITATIONS
928	Modelling of task-oriented vocabularies: an example in fuzzy temporal reasoning. , 0, , .		1
929	Fuzzy anchoring. , 0, , .		11
930	Linguistic hedges on trapezoidal fuzzy sets: a revisit. , 0, , .		8
931	Linguistic algebras - an algebraic concept for describing modelling with words. , 0, , .		0
932	The use of linguistic information in operational research. , 0, , .		0
933	A designing method for type-2 fuzzy logic systems using genetic algorithms. , 0, , .		9
934	Simulation and forecasting complex economic time series using neural networks and fuzzy logic. , 0, , .		21
935	AN INFORMATION RETRIEVAL MODEL WITH ORDINAL LINGUISTIC WEIGHTED QUERIES BASED ON TWO WEIGHTING ELEMENTS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2001, 09, 77-87.	1.9	65
936	Fuzzy Boundary Element Method for the Analysis of Imprecisely Defined Systems. AIAA Journal, 2001, 39, 1788-1797.	2.6	16
937	Adaptive control of a stepping motor drive using a hybrid neuro-fuzzy approach. , 0, , .		4
938	Intelligent control of nonlinear dynamical systems with a neuro-fuzzy-genetic approach. , 0, , .		0
939	Simulation and forecasting complex financial time series using neural networks and fuzzy logic. , 0, , .		23
940	A new fuzzy-fractal approach for forecasting financial and economic time series. , 0, , .		5
941	Discovery of fuzzy sequential patterns for fuzzy partitions in quantitative attributes. , 0, , .		10
942	Fuzzy MCDM approach for IC company's strategy in the semiconductor industry. , 0, , .		3
943	Type-2 fuzzy sets for modelling nursing intuition. , 0, , .		11
944	Fuzzy disjunctive and conjunctive canonical forms: a foundation for interval-valued fuzzy techniques. , 0, , .		0
945	Satisfaction measure for result in fuzzy reasoning and retrieval - an attempt towards the application of fuzzy logic as the "brainware" of the Internet. , 0, , .		3

#	ARTICLE	IF	CITATIONS
946	MPEG VBR video traffic modeling and classification using fuzzy technique. IEEE Transactions on Fuzzy Systems, 2001, 9, 183-193.	9.8	135
947	Fuzzy data analysis for three-way data. , 0, , .		4
948	A fundamental decomposition of type-2 fuzzy sets. , 0, , .		23
949	The application of level-2 fuzzy sets in fuzzy and uncertain data modeling. , 0, , .		1
950	A new approach for evaluation of risk priorities of failure modes in FMEA. International Journal of Production Research, 2001, 39, 2991-3002.	7.5	154
951	Simulation of random fuzzy variables: an empirical approach to statistical/probabilistic studies with fuzzy experimental data. IEEE Transactions on Fuzzy Systems, 2002, 10, 384-390.	9.8	50
952	Neural-fuzzy control system for robotic manipulators. IEEE Control Systems, 2002, 22, 53-63.	0.8	57
953	A THEORETICAL FRAMEWORK FOR POSSIBILISTIC INDEPENDENCE IN A WEAKLY ORDERED SETTING. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2002, 10, 117-155.	1.9	36
954	Implication operators in fuzzy logic. IEEE Transactions on Fuzzy Systems, 2002, 10, 88-91.	9.8	30
955	Robust H/sub âˆ/ fuzzy control via dynamic output feedback for discrete-time systems. , 0, , .		8
956	Intelligent system for control of a stepping motor drive using a hybrid neuro-fuzzy approach. , 2002, , .		6
957	Intelligent control of the electrical tuning process in televisions using fuzzy logic and genetic algorithms. , 2002, , .		0
958	A consumer decision support system for Internet shopping. , 0, , .		1
959	Predicting the gear ratio changing time by a fuzzy linguistic approach - an application to truck driving. , 0, , .		0
960	A new approach for quality control of sound speakers combining type-2 fuzzy logic and fractal theory. , 0, , .		2
961	Multicriteria scheduling using fuzzy theory and tabu search. International Journal of Production Research, 2002, 40, 1221-1234.	7.5	18
962	An approach to designing intelligent decision-making support systems on the basis of the logic-semiotic apparatus. , 0, , .		1
963	A hybrid approach for automated quality control combining learning vector quantization neural networks and fuzzy logic. , 0, , .		2

#	ARTICLE	IF	CITATIONS
964	Adaptive Model-Based Control of Non-Linear Dynamical Systems with a Neuro-Fuzzy-Genetic Approach. International Journal of Smart Engineering System Design, 2002, 4, 41-47.	0.2	4
965	A Hybrid QFD Framework for New Product Development. Asian Journal on Quality, 2002, 3, 138-158.	0.5	6
966	An application of fuzzy linear regression to the information technology in Turkey. International Journal of Technology Management, 2002, 24, 330.	0.5	9
967	Some families of fuzzy numbers closed under the operation of multiplication, and fuzzy numbers of piecewise-polynomial type.. Journal of Japan Society for Fuzzy Theory and Systems, 2002, 14, 208-218.	0.0	0
968	Mobile Internet: An Empirical Study of B2c WAP Applications in Italy. Electronic Markets, 2002, 12, 27-37.	8.1	13
969	Mining a commercial banking data set: the saintetiq approach. , 0, , .		2
970	Computational military tactical planning system. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2002, 32, 161-171.	2.9	35
971	A METHOD OF MANAGING COMPLEX FUZZY INFORMATION. Cybernetics and Systems, 2002, 33, 17-42.	2.5	0
972	2. Fuzzy Set Theory, Fuzzy Logic, and Fuzzy Systems. , 2002, , 29-53.		3
973	Fuzzy Relational Systems. , 2002, , .		457
974	Uncertainty bounds and their use in the design of interval type-2 fuzzy logic systems. IEEE Transactions on Fuzzy Systems, 2002, 10, 622-639.	9.8	423
975	Type-2 fuzzy sets made simple. IEEE Transactions on Fuzzy Systems, 2002, 10, 117-127.	9.8	2,126
976	A new hybrid approach for plant monitoring and diagnostics combining type-2 fuzzy logic and fractal theory. , 0, , .		3
977	Intuitionistic fuzzy relational calculus: An overview. , 0, , .		9
978	De Morgan bisemilattice of fuzzy truth value. , 0, , .		6
979	Interpretation of artificial neural networks by means of fuzzy rules. IEEE Transactions on Neural Networks, 2002, 13, 101-116.	4.2	106
980	FORECASTING ENROLLMENTS BASED ON HIGH-ORDER FUZZY TIME SERIES. Cybernetics and Systems, 2002, 33, 1-16.	2.5	381
981	Fuzzy concepts and formal methods: a sample specification for a fuzzy expert system. , 0, , .		3

#	Article	IF	Citations
982	Intelligent control of non-linear dynamic plants using type-2 fuzzy logic and neural networks. , 0, , .		9
983	From conventional dynamic systems to linguistic dynamic systems. , 0, , .		0
984	Functional relations and fuzzy relational equations. , 0, , .		1
985	Linguistic modeling by hierarchical systems of linguistic rules. IEEE Transactions on Fuzzy Systems, 2002, 10, 2-20.	9.8	177
986	A preference-based approach to fuzzy multiattribute evaluation of service quality. , 0, , .		4
987	Fuzzy models of language structures. IEEE Transactions on Fuzzy Systems, 2002, 10, 421-435.	9.8	2
988	Linguistic evaluation method for the environmental assessment of infrastructure projects. International Journal of Systems Science, 2002, 33, 567-575.	5.5	1
989	Type-2 fuzzy diagnosis. , 0, , .		6
990	COR: a methodology to improve ad hoc data-driven linguistic rule learning methods by inducing cooperation among rules. IEEE Transactions on Systems, Man, and Cybernetics, 2002, 32, 526-537.	5.0	77
991	Preferences and their application in evolutionary multiobjective optimization. IEEE Transactions on Evolutionary Computation, 2002, 6, 42-57.	10.0	195
992	The fuzzy foster parenting—a theoretical approach. Social Science Journal, 2002, 39, 625-638.	1.5	12
993	Hybrid intelligent systems for time series prediction using neural networks, fuzzy logic, and fractal theory. IEEE Transactions on Neural Networks, 2002, 13, 1395-1408.	4.2	164
994	An automated damage detection system for armored vehicle launched bridge. AIP Conference Proceedings, 2002, , .	0.4	1
995	AN IMPROVED FUZZY MCDM MODEL BASED ON IDEAL AND ANTI-IDEAL CONCEPTS. Journal of the Operations Research Society of Japan, 2002, 45, 185-197.	0.2	13
996	A fuzzy symbolic approach to formalize sensory measurements: an application to a comfort sensor. IEEE Transactions on Instrumentation and Measurement, 2002, 51, 712-715.	4.7	9
997	Extended possibilistic truth values. International Journal of Intelligent Systems, 2002, 17, 427-446.	5.7	26
998	A hybrid fuzzy-fractal approach for time series analysis and plant monitoring. International Journal of Intelligent Systems, 2002, 17, 751-765.	5.7	12
999	Fuzzy logic, continuity and effectiveness. Archive for Mathematical Logic, 2002, 41, 643-667.	0.3	60

#	Article	IF	Citations
1000	Conceptual Design Using Evolution Strategy. International Journal of Advanced Manufacturing Technology, 2002, 20, 683-691.	3.0	28
1001	Selecting Plant Location via a Fuzzy TOPSIS Approach. International Journal of Advanced Manufacturing Technology, 2002, 20, 859-864.	3.0	235
1002	Fuzzy Multiple-Criteria Decision-Making Approach for Industrial Green Engineering. Environmental Management, 2002, 30, 816-830.	2.7	80
1003	Learning rule base in linguistic expert systems. Soft Computing, 2002, 7, 79-88.	3.6	27
1004	A communication model based on the 2-tuple fuzzy linguistic representation for a distributed intelligent agent system on Internet. Soft Computing, 2002, 6, 320-328.	3.6	93
1005	User profiles and fuzzy logic for web retrieval issues. Soft Computing, 2002, 6, 365-372.	3.6	44
1006	A fuzzy knowledge based method for maintenance planning in a power system. Reliability Engineering and System Safety, 2002, 77, 19-30.	8.9	49
1007	An intelligent approach of knowledge searching within Internet-based distributive knowledge integrated environment. Engineering Applications of Artificial Intelligence, 2002, 15, 607-618.	8.1	5
1008	Some relationships between fuzzy and random set-based classifiers and models. International Journal of Approximate Reasoning, 2002, 29, 175-213.	3.3	25
1009	A parametric representation of linguistic hedges in Zadeh's fuzzy logic. International Journal of Approximate Reasoning, 2002, 30, 203-223.	3.3	53
1010	A note on convex fuzzy processes. Applied Mathematics Letters, 2002, 15, 193-196.	2.7	12
1011	Triple I method of fuzzy reasoning. Computers and Mathematics With Applications, 2002, 44, 1567-1579.	2.7	50
1012	A probabilistic definition of a nonconvex fuzzy cardinality. Fuzzy Sets and Systems, 2002, 126, 177-190.	2.7	47
1013	A fuzzy-based methodology for the analysis of diabetic neuropathy. Fuzzy Sets and Systems, 2002, 129, 203-228.	2.7	43
1014	An inference engine based on fuzzy logic for uncertain and imprecise expert reasoning. Fuzzy Sets and Systems, 2002, 129, 187-202.	2.7	14
1015	Fuzzified neural network based on fuzzy number operations. Fuzzy Sets and Systems, 2002, 130, 291-304.	2.7	15
1016	A linguistic decision model for promotion mix management solved with genetic algorithms. Fuzzy Sets and Systems, 2002, 131, 47-61.	2.7	39
1017	Concepts in Fuzzy Scaling Theory: order and granularity. Fuzzy Sets and Systems, 2002, 132, 63-75.	2.7	31

#	ARTICLE	IF	CITATIONS
1018	Cost/time estimation in flat plate processing using fuzzy modeling. Computers and Industrial Engineering, 2002, 42, 555-566.	6.3	4
1019	Mining fuzzy association rules for classification problems. Computers and Industrial Engineering, 2002, 43, 735-750.	6.3	50
1020	Precisionâ€"imprecision equivalence in a broad class of imprecise hierarchical uncertainty models. Journal of Statistical Planning and Inference, 2002, 105, 175-198.	0.6	29
1021	Toward a perception-based theory of probabilistic reasoning with imprecise probabilities. Journal of Statistical Planning and Inference, 2002, 105, 233-264.	0.6	312
1022	Passive robust fault detection using fuzzy parity equations. Mathematics and Computers in Simulation, 2002, 60, 193-207.	4.4	13
1023	Adaptive real-time fuzzy X-ray solder joint inspection system. Journal of Manufacturing Systems, 2002, 21, 111-125.	13.9	6
1024	Fibered geometries. Discrete Mathematics, 2002, 255, 259-274.	0.7	6
1025	A GIS application to enhance cell-based information modeling. Information Sciences, 2002, 142, 151-160.	6.9	19
1026	Intelligent control of aircraft dynamic systems with a new hybrid neuroâ€"fuzzyâ€"fractal approach. Information Sciences, 2002, 142, 161-175.	6.9	18
1027	Pseudo-Additive Measures and Triangular-Norm-Based Conditioning. Annals of Mathematics and Artificial Intelligence, 2002, 35, 63-69.	1.3	5
1028	Possibility: Fundamental Numerical Characteristics, Distributions and Measures. Automation and Remote Control, 2002, 63, 486-493.	0.8	0
1029	Parallelizing Tabu Search on a Cluster of Heterogeneous Workstations. Journal of Heuristics, 2002, 8, 277-304.	1.4	6
1030	Mathematical Methods of Geoinformatics. I. A New Approach to Clusterization. Cybernetics and Systems Analysis, 2002, 38, 238-254.	0.7	12
1031	A Strategy of Dynamic Reasoning in Knowledge-Based System with Fuzzy Production Rules. Journal of Intelligent Information Systems, 2002, 19, 303-318.	3.9	8
1032	A possibilistic hierarchical model for behaviour under uncertainty. Theory and Decision, 2002, 52, 327-374.	1.0	32
1033	Influence of Defuzzification Methods on the Rate of Tuning a Fuzzy Model. Cybernetics and Systems Analysis, 2002, 38, 783-789.	0.7	7
1034	A Fuzzy Problem of Multiparametric Choice of Optimal Solutions. Cybernetics and Systems Analysis, 2003, 39, 163-173.	0.7	6
1035	Saddle Point Optimality Conditions in Fuzzy Optimization Problems. Fuzzy Optimization and Decision Making, 2003, 2, 261-273.	5.5	18

#	ARTICLE	IF	CITATIONS
1036	A Fuzzy Perceptual Model for Ultrasound Sensors Applied to Intelligent Navigation of Mobile Robots. Applied Intelligence, 2003, 19, 171-187.	5.3	21
1037	Application of a Possibilitic-Based Approach to Mobile Robotics. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 38, 175-195.	3.4	2
1038	Duality Theory in Fuzzy Linear Programming Problems with Fuzzy Coefficients. Fuzzy Optimization and Decision Making, 2003, 2, 61-73.	5.5	51
1039	Fuzzy Optimization Problems Based on Ordering Cones. Fuzzy Optimization and Decision Making, 2003, 2, 13-29.	5.5	3
1040	An enhancement of DSI Xï¿½ control charts using a fuzzy-genetic approach. International Journal of Advanced Manufacturing Technology, 2003, -1, 1-1.	3.0	8
1041	A Fuzzy TOPSIS Method for Robot Selection. International Journal of Advanced Manufacturing Technology, 2003, 21, 284-290.	3.0	287
1042	Uncertain probabilities I: the discrete case. Soft Computing, 2003, 7, 500-505.	3.6	47
1043	Evaluating the informative quality of documents in SGML format from judgements by means of fuzzy linguistic techniques based on computing with words. Information Processing and Management, 2003, 39, 233-249.	8.6	106
1044	Constructing linguistic versions for the multicriteria decision support systems preference ranking organization method for enrichment evaluation I and II. International Journal of Intelligent Systems, 2003, 18, 711-731.	5.7	18
1045	Algorithms to extend crisp functions and their inverse functions to fuzzy numbers. International Journal of Intelligent Systems, 2003, 18, 855-876.	5.7	7
1046	Intelligent adaptive model-based control of robotic dynamic systems with a hybrid fuzzy-neural approach. Applied Soft Computing Journal, 2003, 3, 363-378.	7.2	77
1047	Fuzzy-based approach for contact identification in force-controlled robot tasks:. Engineering Applications of Artificial Intelligence, 2003, 16, 691-707.	8.1	1
1048	Elicitation of classification rules by fuzzy data mining. Engineering Applications of Artificial Intelligence, 2003, 16, 709-716.	8.1	34
1049	Agent-oriented epistemic reasoning: Subjective conditions of knowledge and belief. Artificial Intelligence, 2003, 148, 177-195.	5.8	8
1050	Fuzzy constraint networks for signal pattern recognition. Artificial Intelligence, 2003, 148, 103-140.	5.8	23
1051	The s-differentiability of a fuzzy-valued mapping. Information Sciences, 2003, 151, 283-299.	6.9	9
1052	Approximated fuzzy LR computation. Information Sciences, 2003, 153, 155-175.	6.9	16
1053	Adaptive intelligent control of aircraft systems with a hybrid approach combining neural networks, fuzzy logic and fractal theory. Applied Soft Computing Journal, 2003, 3, 353-362.	7.2	92

#	Article	IF	Citations
1054	On a fuzzy set approach to solving multiple objective linear fractional programming problem. Fuzzy Sets and Systems, 2003, 134, 397-405.	2.7	32
1056	Aggregation with generalized mixture operators using weighting functions. Fuzzy Sets and Systems, 2003, 137, 43-58.	2.7	77
1057	A natural interpretation of fuzzy mappings. Fuzzy Sets and Systems, 2003, 138, 67-82.	2.7	6
1058	On fuzzy bags and their application to flexible querying. Fuzzy Sets and Systems, 2003, 140, 93-110.	2.7	34
1059	Linear regression analysis for fuzzy input and output data using the extension principle. Computers and Mathematics With Applications, 2003, 45, 1849-1859.	2.7	58
1060	Extrapolating internet users in Taiwan by risk assessment. Computers and Mathematics With Applications, 2003, 46, 1725-1734.	2.7	7
1061	Finding fuzzy classification rules using data mining techniques. Pattern Recognition Letters, 2003, 24, 509-519.	4.2	108
1062	Fuzzy estimates of regression parameters in linear regression models for imprecise input and output data. Computational Statistics and Data Analysis, 2003, 42, 203-217.	1.2	38
1063	A control handling comfort model based on fuzzy logics. International Journal of Industrial Ergonomics, 2003, 31, 87-100.	2.6	21
1064	The fuzzy estimators of fuzzy parameters based on fuzzy random variables. European Journal of Operational Research, 2003, 146, 101-114.	5.7	26
1065	SINGRARâ€"â€"A fuzzy distributed expert system to assist command and control activities in naval environment. European Journal of Operational Research, 2003, 145, 343-362.	5.7	15
1066	Intelligent control of a stepping motor drive using a hybrid neuro-fuzzy ANFIS approach. Applied Soft Computing Journal, 2003, 3, 209-219.	7.2	86
1067	A formal specification for a fuzzy expert system. Information and Software Technology, 2003, 45, 419-429.	4.4	9
1068	Complex object comparison in a fuzzy context. Information and Software Technology, 2003, 45, 431-444.	4.4	46
1069	Discovering fuzzy association rules using fuzzy partition methods. Knowledge-Based Systems, 2003, 16, 137-147.	7.1	59
1070	Fuzzy approach for disturbance reduction. , 0, , .		0
1071	The WM method completed: a flexible fuzzy system approach to data mining. IEEE Transactions on Fuzzy Systems, 2003, 11, 768-782.	9.8	194
1072	A new approach for quality control of sound speakers combining type-2 fuzzy logic and the fractal dimension. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1073	A new method for fuzzy inference in intuitionistic fuzzy systems. , 0, , .		9
1074	The science/policy interface in logic-based evaluation of forest ecosystem sustainability. Forest Policy and Economics, 2003, 5, 433-446.	3.4	46
1075	Fuzzy gradual rules in epidemiology. Kybernetes, 2003, 32, 460-477.	2.2	41
1076	Aggregating constraint satisfaction degrees expressed by possibilistic truth values. IEEE Transactions on Fuzzy Systems, 2003, 11, 361-368.	9.8	16
1077	Modeling region topological relations based on fuzzy spatial data. , 0, , .		0
1078	Multi degree of freedom fuzzy controller. , 2003, , .		3
1079	A fuzzy symbolic model for food browning measurement. , 0, , .		0
1080	Heuristic QoS routing based on possibility distribution and soft computing. , 0, , .		0
1081	Transforming quantities into qualities in assessment of software systems. , 0, , .		2
1082	Intelligent control of non-linear plants using type-2 fuzzy logic and neural networks. , 0, , .		0
1083	A new hybrid approach for plant monitoring and diagnostics using type-2 fuzzy logic and fractal theory. , 0, , .		11
1084	A new method for adaptive model-based control of non-linear plants using type-2 fuzzy logic and neural networks. , 0, , .		16
1085	A Formal Model of Interpretability of Linguistic Variables. Studies in Fuzziness and Soft Computing, 2003, , 524-545.	0.8	34
1086	Computing with words via turing machines: a formal approach. IEEE Transactions on Fuzzy Systems, 2003, 11, 742-753.	9.8	54
1087	A model to perform knowledge-based temporal abstraction over multiple signals. , 0, , .		4
1088	Chapter 2 Fuzzy logic. Developments in Petroleum Science, 2003, 51, 33-49.	0.2	7
1089	Simulating complex traits influenced by genes with fuzzy-valued effects in pedigreed populations. Bioinformatics, 2003, 19, 144-148.	4.1	8
1090	Toward a perception-based theory of probabilistic reasoning with imprecise probabilities. , 2003, , 3-34.		3

#	ARTICLE	IF	CITATIONS
1091	An improvement to Koczy's interpolative reasoning method based on Taylor progression. , 0, , .		1
1092	Chapter 11 The role of fuzzy logic in sedimentology and stratigraphic models. Developments in Petroleum Science, 2003, , 189-217.	0.2	1
1093	A fuzzy model of support vector machine regression. , 0, , .		9
1094	Modulated reasoning for Mamdani fuzzy systems: singleton fuzzification. , 0, , .		0
1095	Neutrosophic information fusion applied to financial market. , 2003, , .		3
1096	Application of fuzzy sets theory in process data filtering. , 0, , .		1
1097	Contributions to adaptable agent societies. , 0, , .		3
1098	Errors of fuzzy reasoning. , 0, , .		0
1099	Digital circuit design through simulated evolution (SimE). , 0, , .		3
1100	Multiple classification ripple down rule and fuzzy sets in computer aided diagnosis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 433-438.	0.4	2
1101	On Fuzzy Spatial Distances. Advances in Imaging and Electron Physics, 2003, 128, 51-122.	0.2	8
1102	Linguistic modeling with weighted double-consequent fuzzy rules based on cooperative coevolutionary learning. Integrated Computer-Aided Engineering, 2003, 10, 343-355.	4.6	18
1103	Spatial decisions under uncertainty: fuzzy inference in urban water management. Journal of Hydroinformatics, 2004, 6, 3-18.	2.4	26
1104	A dynamic approach to adjusting lengths of intervals in fuzzy time series forecasting. Intelligent Data Analysis, 2004, 8, 3-27.	0.9	23
1105	Ancient Sea Level Estimation. , 2004, , 301-336.		0
1106	Modelling the variation in human decision making. , 2004, , .		21
1107	Automatic Generation of Ontology for Scholarly Semantic Web. Lecture Notes in Computer Science, 2004, , 726-740.	1.3	45
1108	A Multi-granular Linguistic Decision Model for Evaluating the Quality of Network Services. , 2004, , 71-91.		3

#	Article	IF	Citations
1109	A metasemantics to refine fuzzy if-then rules. , 0, , .		4
1110	A New Method for Adaptive Control of Non-Linear Plants Using Type-2 Fuzzy Logic and Neural Networks. International Journal of General Systems, 2004, 33, 289-304.	2.5	75
1111	A new approach for plant monitoring using type-2 fuzzy logic and fractal theory. International Journal of General Systems, 2004, 33, 305-319.	2.5	27
1112	Approximate reasoning and Semantic Web Services. , 2004, , .		3
1113	Trust evaluation within a type-2 fuzzy logic framework. , 0, , .		2
1114	An ideal point based approach to multi-criteria decision making with uncertain linguistic information. , 0, , .		2
1115	A model for handling linguistic terms in the framework of lattice-valued logic LF (X). , 0, , .		2
1116	Type-2 fuzzy activation function for multilayer feedforward neural networks. , 0, , .		10
1117	Additions of completely correlated fuzzy numbers. , 0, , .		27
1118	Genetic tuning on fuzzy systems based on the linguistic 2-tuples representation. , 0, , .		11
1119	Using fuzzy MCDM to evaluate index and benefit preference on communities of practice. , 0, , .		0
1120	Fuzzy defect avoidance system (FDAS) for product defect control. International Journal of Production Research, 2004, 42, 3159-3182.	7.5	7
1121	A direct induction algorithm of temporal fuzzy models. , 0, , .		1
1122	A note on fuzzy granular reasoning. , 0, , .		0
1123	Fuzzy eigensolutions of mechanical structures. Engineering Computations, 2004, 21, 66-77.	1.4	16
1124	COA defuzzification method for evaluating C_{pk} under fuzzy environments. Journal of Discrete Mathematical Sciences and Cryptography, 2004, 7, 271-280.	0.8	3
1125	K-support system: knowledge support for disseminating and sharing task-relevant knowledge. , 0, , .		0
1126	A new and efficient method for the type-2 meet operation. , 0, , .		24

#	ARTICLE	IF	CITATIONS
1127	Use of Radar Information on Atmospheric Precipitation in Applied Hydrology. Water Resources, 2004, 31, 247-255.	0.9	0
1128	An Approach to Elaborate Priority Preorders of Water Resources Projects Based on Multi-Criteria Evaluation and Fuzzy Sets Analysis. Water Resources Management, 2004, 18, 13-33.	3.9	29
1129	Dynamical Optimal Training for Interval Type-2 Fuzzy Neural Network (T2FNN). IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1462-1477.	5.0	201
1130	Schopenhauer's Prolegomenon to Fuzziness. Fuzzy Optimization and Decision Making, 2004, 3, 227-254.	5.5	5
1131	A comprehensive survey and future trend of simulation study on FMS scheduling. Journal of Intelligent Manufacturing, 2004, 15, 87-102.	7.3	108
1132	Developing an Erosion Risk Map Using Soft Computing Methods (Case Study at Sifnos Island). Natural Hazards, 2004, 31, 63-83.	3.4	28
1133	Uncertain probabilities II: the continuous case. Soft Computing, 2004, 8, 193-199.	3.6	63
1134	Construction of consultation systems on descriptive knowledge. Soft Computing, 2004, 8, 676-680.	3.6	1
1135	Formulation of linguistic regression model based on natural words. Soft Computing, 2004, 8, 681-688.	3.6	17
1136	A direct linguistic induction method for systems. Fuzzy Sets and Systems, 2004, 146, 79-96.	2.7	9
1137	Incorporating filtering techniques in a fuzzy linguistic multi-agent model for information gathering on the web. Fuzzy Sets and Systems, 2004, 148, 61-83.	2.7	90
1138	Asymptotic and Bootstrap techniques for testing the expected value of a fuzzy random variable. Metrika, 2004, 59, 31-49.	0.8	103
1139	A note on consistency and unbiasedness of point estimation with fuzzy data. Metrika, 2004, 60, 93.	0.8	5
1140	Probability theory in fuzzy sample spaces. Metrika, 2004, 60, 167-189.	0.8	30
1141	Prediction of Earth rotation parameters by fuzzy inference systems. Journal of Geodesy, 2004, 78, 82.	3.6	37
1142	Discrete fuzzy variable structure control for pantograph position control. Electrical Engineering, 2004, 86, 171-177.	2.0	16
1143	Assessing weights of product attributes from fuzzy knowledge in a dynamic environment. European Journal of Operational Research, 2004, 154, 125-143.	5.7	24
1144	A study of defuzzification with experts' knowledge for deteriorating repairable systems. European Journal of Operational Research, 2004, 157, 658-670.	5.7	8

#	ARTICLE	IF	CITATIONS
1145	Evaluate fuzzy optimization problems based on biobjective programming problems. Computers and Mathematics With Applications, 2004, 47, 893-902.	2.7	25
1146	On interactive fuzzy numbers. Fuzzy Sets and Systems, 2004, 143, 355-369.	2.7	103
1147	Cognitive support in software reengineering based on generic fuzzy reasoning nets. Fuzzy Sets and Systems, 2004, 145, 3-27.	2.7	5
1148	Fusion of expert and learnt knowledge in a framework of fuzzy labels. International Journal of Approximate Reasoning, 2004, 36, 151-198.	3.3	16
1149	Acquiring domain knowledge for negotiating agents: a case of study. International Journal of Human Computer Studies, 2004, 61, 3-31.	5.6	45
1150	Deriving two-stage learning sequences from knowledge in fuzzy sequential pattern mining. Information Sciences, 2004, 159, 69-86.	6.9	22
1151	Bayesian system reliability assessment under fuzzy environments. Reliability Engineering and System Safety, 2004, 83, 277-286.	8.9	26
1152	Fuzzy optimization problemsbased on the embedding theorem and possibility and necessity measures. Mathematical and Computer Modelling, 2004, 40, 329-336.	2.0	14
1153	Combining grey relation and TOPSIS concepts for selecting an expatriate host country. Mathematical and Computer Modelling, 2004, 40, 1473-1490.	2.0	332
1154	Some specific types of fuzzy relation equations. Information Sciences, 2004, 164, 189-195.	6.9	21
1155	A context model for fuzzy concept analysis based upon modal logic. Information Sciences, 2004, 160, 111-129.	6.9	11
1156	A method based on linguistic aggregation operators for group decision making with linguistic preference relations*1. Information Sciences, 2004, 166, 19-30.	6.9	849
1157	A framework for linguistic modelling. Artificial Intelligence, 2004, 155, 1-39.	5.8	135
1158	A note on web intelligence, world knowledge and fuzzy logic. Data and Knowledge Engineering, 2004, 50, 291-304.	3.4	85
1159	Uncertainty analysis in a slope hydrology and stability model using probabilistic and imprecise information. Computers and Geotechnics, 2004, 31, 529-536.	4.7	43
1160	Modeling an agro-alimentary production system using petri nets and fuzzy logic. , 0, , .		0
1161	Discrete pantograph position control for the high speed transportation systems. , 0, , .		5
1162	Ranking alternatives via maximizing set and minimizing set based fuzzy MCDM approach. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2004, 27, 153-159.	1.1	5

#	Article	IF	Citations
1163	Generalized method of fuzzy interpolative-type reasoning based on lagrange's interpolation. , 0, , .		2
1164	A Characteristic-Point-Based Fuzzy Inference System Aimed to Minimize the Number of Fuzzy Rules. IEEE Transactions on Fuzzy Systems, 2004, 12, 250-273.	9.8	7
1165	A New Sparse Rule-Based Fuzzy Reasoning Method. , 0, , .		9
1166	Development of a type-2 fuzzy proportional controller. , 0, , .		12
1167	Continuity theorems and chance distribution of random fuzzy variables. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2004, 460, 2505-2519.	2.1	19
1168	3 Coevolutionary Fuzzy Modeling. Lecture Notes in Computer Science, 2004, , 51-69.	1.3	13
1169	Fuzzy Logic and Earth Science. , 2004, , 63-II.		5
1170	Some properties of optimistic and pessimistic values of fuzzy variables. , 0, , .		16
1171	A context-based interpretation of linguistic variables. , 0, , .		0
1172	Fuzzy translation tool for linguistic terms. , 0, , .		1
1173	Fuzzy Model for Safety Evaluation Process of New and Old Roads. Transportation Research Record, 2004, 1881, 54-62.	1.9	20
1174	Setting a business strategy to weather the telecommunications industry downturn by using fuzzy MCDM. International Journal of Services, Technology and Management, 2004, 5, 346.	0.1	5
1175	Fuzzy Regression in Forecasting and Management of SME Insurance Business. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 251-256.	0.4	0
1176	Expert Knowledge in Long-Term Groundwater Monitoring Optimization Process: The Interactive Genetic Algorithm Perspective. , 2005, , 1.		2
1177	Neural Network and Fuzzy Logic Diagnostics of 1X Faults in Rotating Machinery. , 2005, , 851.		0
1178	Fusion and automatic ranking of fuzzy outcome preferences information in hypergame models. , 2005, , .		2
1179	Wireless Sensor Network Lifetime Analysis Using Interval Type-2 Fuzzy Logic Systems. , 0, , .		4
1180	Sensed Signal Strength Forecasting for Wireless Sensors Using Interval Type-2 Fuzzy Logic System. , 0, , .		10

#	Article	IF	Citations
1181	An emerging approach for strategy evaluation in fuel cell development. International Journal of Technology Management, 2005, 32, 302.	0.5	9
1183	A Fuzzy Logic Knowledge-Based Approach for Finite Element Mesh Generation and Analysis. Journal of Computing and Information Science in Engineering, 2005, 5, 317.	2.7	5
1184	A membership function solution to multiple-server fuzzy queues. , 2005, , .		0
1185	Scene understanding and intelligent tactical behavior of mobile robots with perception system based on network-symbolic models. , 2005, , .		2
1186	Fuzzy contributive games: an extension to the game of civic duty. , 2005, , .		0
1187	A behavioural model for vague probability assessments. Fuzzy Sets and Systems, 2005, 154, 305-358.	2.7	55
1188	A note on fuzzy time-series model. Fuzzy Sets and Systems, 2005, 155, 309-316.	2.7	13
1189	A process-knowledge management approach for assessment and mitigation of drilling risks. Journal of Petroleum Science and Engineering, 2005, 49, 142-161.	4.2	22
1190	Duality theory in fuzzy mathematical programming problems with fuzzy coefficients. Computers and Mathematics With Applications, 2005, 49, 1709-1730.	2.7	36
1191	Newton Cotâ€™s methods for integration of fuzzy functions. Applied Mathematics and Computation, 2005, 166, 339-348.	2.2	9
1192	Gaussian quadratures for approximate of fuzzy integrals. Applied Mathematics and Computation, 2005, 170, 874-885.	2.2	13
1193	Task-based -Support system: disseminating and sharing task-relevant knowledge. Expert Systems With Applications, 2005, 29, 408-423.	7.6	33
1194	Approximate resolution of an imprecise goal programming model with nonlinear membership functions. Fuzzy Sets and Systems, 2005, 150, 129-145.	2.7	11
1195	What about fuzzy logic's linguistic soundness?. Fuzzy Sets and Systems, 2005, 156, 334-340.	2.7	24
1196	Restored fuzzy measures in expert decision-making. Information Sciences, 2005, 169, 71-95.	6.9	58
1197	Intelligent control of a stepping motor drive using an adaptive neuro?fuzzy inference system. Information Sciences, 2005, 170, 133-151.	6.9	73
1198	Pattern recognition using type-II fuzzy sets. Information Sciences, 2005, 170, 409-418.	6.9	203
1199	On the abstraction of conventional dynamic systems: from numerical analysis to linguistic analysis. Information Sciences, 2005, 171, 233-259.	6.9	53

#	Article	IF	Citations
1200	Finding useful fuzzy concepts for pattern classification using genetic algorithm. Information Sciences, 2005, 175, 1-19.	6.9	27
1201	Toward a generalized theory of uncertainty (GTU)â€"â€"an outline. Information Sciences, 2005, 172, 1-40.	6.9	920
1202	A framework for linguistic relevance feedback in content-based image retrieval using fuzzy logic. Information Sciences, 2005, 173, 337-352.	6.9	15
1203	Multiple-attribute decision support system based on fuzzy logic for performance assessment. European Journal of Operational Research, 2005, 160, 710-725.	5.7	18
1204	Integrated decision support for sustainable forest management in the United States: Fact or fiction?. Computers and Electronics in Agriculture, 2005, 49, 6-23.	7.7	54
1205	Coloring fuzzy graphs. Omega, 2005, 33, 211-221.	5.9	69
1206	Deviation measures of linguistic preference relations in group decision making. Omega, 2005, 33, 249-254.	5.9	632
1207	Evaluating sustainable fishing development strategies using fuzzy MCDM approach. Omega, 2005, 33, 223-234.	5.9	190
1208	European option pricing under fuzzy environments. International Journal of Intelligent Systems, 2005, 20, 89-102.	5.7	48
1209	An approach to measure the robustness of fuzzy reasoning. International Journal of Intelligent Systems, 2005, 20, 393-413.	5.7	44
1210	Learning cooperative linguistic fuzzy rules using the best-worst ant system algorithm. International Journal of Intelligent Systems, 2005, 20, 433-452.	5.7	39
1211	Tuning the matching function for a threshold weighting semantics in a linguistic information retrieval system. International Journal of Intelligent Systems, 2005, 20, 921-937.	5.7	19
1212	Development of applications with fuzzy objects in modern programming platforms. International Journal of Intelligent Systems, 2005, 20, 1117-1136.	5.7	6
1213	Fuzzy evaluation of cogeneration alternatives in a petrochemical industry. Computers and Mathematics With Applications, 2005, 49, 741-755.	2.7	18
1214	EXPERT SYSTEMS WITH APPLICATIONS. Expert Systems With Applications, 2005, 28, 187-188.	7.6	12
1215	Using hierarchical soft computing method to discriminate microcyte anemia. Expert Systems With Applications, 2005, 29, 515-524.	7.6	10
1216	On possibilistic correlation. Fuzzy Sets and Systems, 2005, 155, 425-445.	2.7	53
1217	Fuzzy homoclinic orbits and commuting fuzzifications. Fuzzy Sets and Systems, 2005, 155, 361-371.	2.7	6

#	ARTICLE	IF	CITATIONS
1218	A new gaussian noise filter based on interval type-2 fuzzy logic systems. Soft Computing, 2005, 9, 398-406.	3.6	11
1219	Fuzzy Application to the Analytic Hierarchy Process for Robot Selection. Fuzzy Optimization and Decision Making, 2005, 4, 209-234.	5.5	46
1220	Techniques to Improve Multi-Agent Systems for Searching and Mining the Web. Studies in Computational Intelligence, 0, , 463-486.	0.9	1
1221	Complexity measures for software engineering. Journal of Computational Methods in Sciences and Engineering, 2005, 5, S127-S143.	0.2	0
1222	Landslide susceptibility assessment of SE Bartin (West Black Sea region, Turkey) by artificial neural networks. Natural Hazards and Earth System Sciences, 2005, 5, 979-992.	3.6	120
1223	Using a Fuzzy Quality Function Deployment Model to Identify Improvement Points in Airport Cargo Terminals. Transportation Research Record, 2005, 1935, 130-140.	1.9	0
1224	A Qualitative Approach for Symbolic Data Manipulation Under Uncertainty. Studies in Fuzziness and Soft Computing, 0, , 23-51.	0.8	1
1225	Modelling the system behaviour of wet snow avalanches using an expert system approach for risk management on high alpine traffic roads. Natural Hazards and Earth System Sciences, 2005, 5, 821-832.	3.6	47
1226	Extended IOWG Operator and its Use in Group Decision Making Based on Multiplicative Linguistic Preference Relations. American Journal of Applied Sciences, 2005, 2, 633-643.	0.2	19
1227	References, Part 10. , 2005, , 450-486.		0
1228	A SOLUTION FOR SYSTEMS OF LINEAR FUZZY EQUATIONS IN SPITE OF THE NON-EXISTENCE OF A FIELD OF FUZZY NUMBERS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2005, 13, 321-335.	1.9	7
1229	Multi-Expert Decision-Making with Linguistic Information: A Probabilistic-Based Model. , 0, , .		3
1230	Solution to Multi-objective Fuzzy Optimization Dynamic Programming with Uncertain Information. , 2005, , .		2
1231	Resolution Method of Linguistic Truth-valued Propositional Logic. , 0, , .		9
1232	A Framework for Hybrid Fuzzy Logic Intrusion Detection Systems. , 0, , .		12
1233	Approximate Joke Similarity. , 0, , .		1
1234	RSPOP: Rough Setâ€"Based Pseudo Outer-Product Fuzzy Rule Identification Algorithm. Neural Computation, 2005, 17, 205-243.	2.2	99
1235	MEDM in general multi-granular hierarchical linguistic contexts based on the 2-tuples linguistic model. , 2005, , .		7

#	ARTICLE	IF	CITATIONS
1236	A NEW FUZZY-DATA MINING METHOD FOR PATTERN CLASSIFICATION BY PRINCIPAL COMPONENT ANALYSIS. Cybernetics and Systems, 2005, 36, 527-547.	2.5	5
1237	GRAPHOID PROPERTIES OF QUALITATIVE POSSIBILISTIC INDEPENDENCE RELATIONS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2005, 13, 59-96.	1.9	29
1238	A HIERARCHICAL MODEL OF RELIABILITY BY IMPRECISE PARAMETERS OF LIFETIME DISTRIBUTIONS. International Journal of Reliability, Quality and Safety Engineering, 2005, 12, 167-187.	0.6	2
1239	Stock Trading using PSEC and RSPOP: A novel evolving rough set-based neuro-fuzzy approach. , 0, , .		8
1240	Fuzzy Financial Profitability Analyses of Demand Side Management Alternatives. , 0, , .		2
1241	Statistical interval-valued fuzzy systems via linear regression. , 2005, , .		5
1242	Toward a generalized theory of uncertainty (GTU) - an outline. , 2005, , .		13
1243	Devs and Fuzzy logic to model and simulate a manufacturing process. , 0, , .		0
1244	A Satisfactory-Oriented Approach to Multiexpert Decision-Making With Linguistic Assessments. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 184-196.	5.0	101
1246	Type-2 FLS Modeling Capability Analysis. , 0, , .		21
1247	Homoclinic Orbits in Self-Mappings of a Space of Fuzzy Sets. , 0, , .		0
1248	Extending CBR-ANN Hybrid Models Using Fuzzy Sets. , 0, , .		0
1249	FINDING SIMPLIFIED FUZZY IF-THEN RULES FOR FUNCTION APPROXIMATION PROBLEMS USING A FUZZY DATA MINING APPROACH. Applied Artificial Intelligence, 2005, 19, 601-619.	3.2	2
1250	Note on Interval-Valued Fuzzy Set. Lecture Notes in Computer Science, 2005, , 20-25.	1.3	17
1251	Medical Differential Diagnosis through Type-2 Fuzzy Sets. , 0, , .		20
1253	Fuzzy modelling of speech interference in noisy environment. , 0, , .		1
1254	Equivalence between fuzzy rule-based and fuzzy integral-based methods for information fusion systems. , 0, , .		0
1255	A New Aspect for the Optimization of Fuzzy If-Then Rules. , 0, , .		7

#	ARTICLE	IF	CITATIONS
1256	Local meteorological forecasting by type-2 fuzzy systems time series prediction. , 0, , .		8
1257	Artificial Intelligence Techniques Applied to Intrusion Detection. , 0, , .		31
1258	On Using Type-1 Fuzzy Set Mathematics to Derive Interval Type-2 Fuzzy Logic Systems. , 0, , .		2
1259	A Consensus Support System Model for Group Decision-Making Problems With Multigranular Linguistic Preference Relations. IEEE Transactions on Fuzzy Systems, 2005, 13, 644-658.	9.8	552
1260	Applying fuzzy quality function deployment to identify service management requirements for an ocean freight forwarder. Total Quality Management and Business Excellence, 2006, 17, 539-554.	3.8	44
1261	An Interval Type-II Robust Fuzzy Logic Controller for a Static Compensator in a Multimachine Power System. , 2006, , .		3
1262	ACC+Stop&Go Maneuvers With Throttle and Brake Fuzzy Control. IEEE Transactions on Intelligent Transportation Systems, 2006, 7, 213-225.	8.0	149
1263	A new version of 2-tuple fuzzy linguistic representation model for computing with words. IEEE Transactions on Fuzzy Systems, 2006, 14, 435-445.	9.8	434
1264	On the Evaluation of Semantic Web Service Matchmaking Systems. , 2006, , .		20
1265	A Novel Fuzzy Neural Network for Pattern Recognition. , 2006, , .		0
1266	(t - t*) - Intuitionistic fuzzy sets. , 2006, , .		3
1267	A Distributed Fuzzy Qualitative Evaluation System. , 2006, , .		10
1268	Type-2 Fuzzy Sets for Modeling Uncertainty in Measurement. , 0, , .		14
1269	Fuzzy FPGA based captive power management. , 2006, , .		2
1270	Analyzing Properties of Fuzzy Implications Obtained via the Interval Constructor. , 2006, , .		5
1271	Properties of the First Type of Covering-Based Rough Sets. , 2006, , .		35
1272	Evaluation of Account Receivable Collection Alternatives with Fuzzy MCDM Methodology. , 2006, , .		0
1273	Trend-Weighted Fuzzy Time-Series Model for TAIEX Forecasting. Lecture Notes in Computer Science, 2006, , 469-477.	1.3	54

#	ARTICLE	IF	CITATIONS
1274	The Construction of the Firm's Performance Evaluation Model on Outsourcing Activities -- Application of the Fuzzy Synthesis Judge. , 0, , .		0
1275	Mining Pure Linguistic Associations on the Basis of Perceptions in Numerical Data. , 2006, , .		2
1276	Description Logic-Based Approximate Joke Comparison. , 2006, , .		0
1277	A New Type of Covering Rough Set. , 2006, , .		70
1278	An Implication in Fuzzy Sets. , 2006, , .		2
1279	An Agent-Oriented Logic for Belief and Trust. , 2006, , .		1
1280	Design of Interval Type-2 Fuzzy Logic Controller. , 2006, , .		5
1281	An Extension to Zadeh's Truth Qualification Principle for Resolution of Self-Referential Sentences: Towards a Comprehensive Theory of Type-2 Fuzzy Possibility. , 2006, , .		0
1282	Personalized Database Querying Using Data Summaries. , 2006, , .		0
1283	Optimally Evolving Irregular-Shaped Membership Functions for Fuzzy Systems. , 0, , .		4
1284	Modeling Fuzzy Modifiers by Means of a Proximity Relation. , 2006, , .		1
1285	Multiobjective multiproduct batch plant design under uncertainty. Computer Aided Chemical Engineering, 2006, , 2249-2254.	0.5	1
1286	DECISION COMPROMISE MODELLING BASED ON OWA OPERATORS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 270-275.	0.4	0
1287	WEIGHTS DETERMINATION IN INDUSTRIAL DECISION MAKING AIDED BY OWA OPERATORS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 276-281.	0.4	0
1288	Special issue on the 7th International Conference on Industrial Logistics (ICIL 2005). International Transactions in Operational Research, 2006, 13, 385-386.	2.7	0
1289	K-means method for rough classification of R&D employees' performance evaluation. International Transactions in Operational Research, 2006, 13, 365-377.	2.7	9
1290	Fuzzy multidimensional scaling. Computational Statistics and Data Analysis, 2006, 51, 335-359.	1.2	12
1291	Tools for fuzzy random variables: Embeddings and measurabilities. Computational Statistics and Data Analysis, 2006, 51, 109-114.	1.2	13

#	ARTICLE	IF	CITATIONS
1292	Entropy-based fuzzy rough classification approach for extracting classification rules. Expert Systems With Applications, 2006, 31, 436-443.	7.6	51
1293	Biological taxonomic problem solving using fuzzy decision-making analytical tools. Fuzzy Sets and Systems, 2006, 157, 1687-1703.	2.7	2
1294	Linguistic modelling based on semantic similarity relation among linguistic labels. Fuzzy Sets and Systems, 2006, 157, 1662-1673.	2.7	106
1295	Correct models of fuzzy IF–THEN rules are continuous. Fuzzy Sets and Systems, 2006, 157, 3188-3197.	2.7	32
1296	Extending the UML concepts to transform natural language queries with fuzzy semantics into SQL. Information and Software Technology, 2006, 48, 901-914.	4.4	5
1297	On the use of words and fuzzy sets†, †. Information Sciences, 2006, 176, 1463-1487.	6.9	56
1298	A general class of simple majority decision rules based on linguistic opinions. Information Sciences, 2006, 176, 352-365.	6.9	55
1299	Computing with words for text processing: An approach to the text categorization. Information Sciences, 2006, 176, 415-437.	6.9	48
1300	A similarity measure for fuzzy rulebases based on linguistic gradients. Information Sciences, 2006, 176, 2960-2987.	6.9	25
1301	Roughness based on fuzzy ideals. Information Sciences, 2006, 176, 2417-2437.	6.9	70
1302	Treating fuzziness in subjective evaluation data. Information Sciences, 2006, 176, 3610-3644.	6.9	23
1303	A human-assisted knowledge extraction method for machining operations. Advanced Engineering Informatics, 2006, 20, 335-350.	8.0	33
1304	Gaussian quadratures for approximate of fuzzy multiple integrals. Applied Mathematics and Computation, 2006, 172, 175-187.	2.2	10
1305	A fuzzy procedure for the static design of imprecise structures. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 925-941.	6.6	41
1306	Modified descend curvature based fixed form fuzzy optimal control of nonlinear dynamical systems. Computers and Chemical Engineering, 2006, 30, 878-888.	3.8	7
1307	A knowledge acquisition method for determining utilities of linguistic values for product factors. European Journal of Operational Research, 2006, 174, 945-958.	5.7	4
1308	A fuzzy relational rule network modeling of electromyographical activity of trunk muscles in manual lifting based on trunk angels, moments, pelvic tilt and rotation angles. International Journal of Industrial Ergonomics, 2006, 36, 847-859.	2.6	18
1309	A fuzzy expert system for noise-induced sleep disturbance. Expert Systems With Applications, 2006, 30, 761-771.	7.6	20

#	ARTICLE	IF	CITATIONS
1310	Bootstrap techniques and fuzzy random variables: Synergy in hypothesis testing with fuzzy data. Fuzzy Sets and Systems, 2006, 157, 2608-2613.	2.7	84
1311	Which logic is the real fuzzy logic?. Fuzzy Sets and Systems, 2006, 157, 635-641.	2.7	67
1312	Extensions of the multicriteria analysis with pairwise comparison under a fuzzy environment. International Journal of Approximate Reasoning, 2006, 43, 268-285.	3.3	81
1313	Modelling spatial vagueness based on type-2 fuzzy set. Journal of Zhejiang University: Science A, 2006, 7, 250-256.	2.4	7
1314	Using sequential analysis procedures to rank the influencing factors of public work's quality. Journal of Zhejiang University: Science A, 2006, 7, 330-334.	2.4	3
1315	A Note on Linguistic Hybrid Arithmetic Averaging Operator in Multiple Attribute Group Decision Making with Linguistic Information. Group Decision and Negotiation, 2006, 15, 593-604.	3.3	183
1316	Querying a summary of database. Journal of Intelligent Information Systems, 2006, 26, 59-73.	3.9	7
1317	Fuzzy optimization of units products in mix-product selection problem using fuzzy linear programming approach. Soft Computing, 2006, 10, 144-151.	3.6	16
1318	Hybrid learning models to get the interpretability–accuracy trade-off in fuzzy modeling. Soft Computing, 2006, 10, 717-734.	3.6	82
1319	Expert guided integration of induced knowledge into a fuzzy knowledge base. Soft Computing, 2006, 10, 773-784.	3.6	32
1320	Flexible fuzzy OWA querying method for hemodialysis database. Soft Computing, 2006, 10, 1031-1042.	3.6	14
1321	Rule Base Reduction and Genetic Tuning of Fuzzy Systems Based on the Linguistic 3-tuples Representation. Soft Computing, 2006, 11, 401-419.	3.6	45
1322	Manipulation of qualitative degrees to handle uncertainty: formal models and applications. Knowledge and Information Systems, 2006, 9, 385-411.	3.2	18
1323	Specialization models for a general fuzzy set covering framework. Fuzzy Sets and Systems, 2006, 157, 2787-2808.	2.7	0
1324	Induced uncertain linguistic OWA operators applied to group decision making. Information Fusion, 2006, 7, 231-238.	19.1	407
1325	Fuzzy formulation of the Lee–Carter model for mortality forecasting. Insurance: Mathematics and Economics, 2006, 39, 287-309.	1.2	29
1326	EMDS 3.0: A modeling framework for coping with complexity in environmental assessment and planning. Science in China Series D: Earth Sciences, 2006, 49, 63-75.	0.9	4
1327	Probability representations of fuzzy systems. Science in China Series F: Information Sciences, 2006, 49, 339-363.	1.1	23

#	Article	IF	Citations
1328	An arithmetic approach for the computing with words paradigm. International Journal of Intelligent Systems, 2006, 21, 121-142.	5.7	16
1329	A Cognitive Model for Learning Autonomous Nonplayer Characters. , 2006, , .		6
1330	A framework of linguistic truth-valued propositional logic based on lattice implication algebra. , 0, , .		10
1331	A new aggregation operator of linguistic information and its properties. , 0, , .		2
1333	Fuzzy Testing and Selecting the Better Manufacturing Process Using Loss-Based Capability Index. , 0, , .		1
1334	Complete and Linear Hedge Algebras, Fuzziness Measure of Vague Concepts and Linguistic Hedges and Application. AIP Conference Proceedings, 2006, , .	0.4	1
1336	MEASUREMENT OF MEMBERSHIP. , 2006, , 89-109.		0
1338	Chapter 9 From search engines to question answering systems â€" The problems of world knowledge, relevance, deduction and precisiation. Capturing Intelligence, 2006, 1, 163-210.	1.5	65
1339	Rough set-based neuro-fuzzy system. , 2006, , .		10
1340	The Research of Multi-variables Hierarchical Fuzzy Decouple Control Strategy Based on Human Knowledge. , 2006, , .		0
1341	The Extended Sup-Star Composition for Type-2 Fuzzy Sets Made Simple. , 2006, , .		10
1342	Syntax-driven Analysis of Context-free Languages with Respect to Fuzzy Relational Semantics. , 2006, , .		1
1343	WSN11-2: Cross-Layer Design for Mobile Ad Hoc Networks Using Interval Type-2 Fuzzy Logic Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
1344	Relationships among three types of covering rough sets. , 2006, , .		62
1345	Linguistic Hedges for Ant-generated Rules. , 2006, , .		6
1346	A Type-2 PI Controller with Adjustable Type-Reduced Output. , 2006, , .		0
1347	Short Term Local Meteorological Forecasting Using Type-2 Fuzzy Systems. Lecture Notes in Computer Science, 2006, , 95-104.	1.3	5
1348	The 'MECIMPLAN' Approach to Agent-Based Strategic Planning. , 2006, , .		2

#	Article	IF	Citations
1349	Granular Web Shopping Experts. , 2006, , .		1
1350	A Formalism to Handle Linguistic Information over Internet. , 2006, , .		0
1351	On generalized induced linguistic aggregation operators. International Journal of General Systems, 2006, 35, 17-28.	2.5	91
1352	A GENERAL FRAMEWORK FOR COMPUTING WITH WORDS IN OBJECT-ORIENTED PROGRAMMING. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2007, 15, 111-131.	1.9	24
1353	A FUZZY LINGUISTIC IRS MODEL BASED ON A 2-TUPLE FUZZY LINGUISTIC APPROACH. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2007, 15, 225-250.	1.9	68
1354	A rule-based controller based on suction detection for rotary blood pumps. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3978-81.	0.5	13
1355	New Concepts Related to Non-Stationary Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
1356	Hesitancy Histogram Equalization. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	6
1357	IFCM:Fuzzy clustering for rule extraction of interval Type-2 fuzzy logic system. , 2007, , .		2
1358	Group decision making with linguistic information using a probability-based approach and OWA operators. , 2007, , .		0
1359	An Effective Framework for Human Body Pose Estimation using K-Best Viterbi Search Method. , 2007, , .		0
1360	A Fuzzy Software Quality Assessment Model to Evaluate User Satisfaction. , 2007, , .		9
1361	High-Order Fuzzy Time Series Based on Rough Set for Forecasting Taiex. , 2007, , .		1
1362	Fuzzy Weighted-Transitional Matrix for Forecasting Time Series Data. , 2007, , .		0
1363	APPLYING FUZZY MULTI-CRITERIA DECISION METHOD TO SELECT PRICING STRATEGY OF TAIWAN ONLINE GAME INDUSTRY. , 2007, , 369-375.		3
1364	Fuzzy Temporal Interval Relationship Based on Interval-Valued Fuzzy Sets. , 2007, , .		0
1365	TH-Interval-Valued Fuzzy Ideal. , 2007, , .		0
1366	Situational ME-LOWA Aggregation Model for Evaluating the Best Main Battle Tank. , 2007, , .		1

#	Article	IF	Citations
1367	Topological Properties in Covering-Based Rough Sets. , 2007, , .		13
1368	Constructing New Drug Adoption Rules in Medical Institution. , 2007, , .		1
1369	Fuzzy Fault Currents: Theory and Applications. , 2007, , .		1
1370	Indirect adaptive interval type-2 fuzzy control for nonlinear systems. International Journal of Modelling, Identification and Control, 2007, 2, 106.	0.2	33
1371	Maximum Likelihood Estimation for the Distribution of Fuzzy Data. , 2007, , .		0
1372	A Discriminative Analysis of Approaches to Ranking Fuzzy Numbers in Fuzzy Decision Making. , 2007, , .		5
1373	Semantics-Based Art Image Retrieval Using Linguistic Variable. , 2007, , .		3
1374	GENECFE-ANFIS: A NEURO-FUZZY INFERENCE SYSTEM TO INFER GENE-GENE INTERACTIONS BASED ON RECOGNITION OF MICROARRAY GENE EXPRESSION PATTERNS. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 71-78.	0.6	4
1375	Basic Concepts in Covering-Based Rough Sets. , 2007, , .		18
1376	email granulation based on distributed-interval type-2 fuzzy set methodologies. , 2007, , .		2
1377	Rule-based diagnostic system fusion. , 2007, , .		1
1378	The Evaluation of Sustainable Tourism Development by Analytic Hierarchy Process and Fuzzy Set Theory: An Empirical Study on the Green Island in Taiwan. Asia Pacific Journal of Tourism Research, 2007, 12, 127-145.	3.7	70
1379	Cooperative Throttle and Brake Fuzzy Control for ACC$+$ Stop&Go Maneuvers. IEEE Transactions on Vehicular Technology, 2007, 56, 1623-1630.	6.3	62
1380	A Neural Network Approach for Bridging the Semantic Gap in Texture Image Retrieval. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	6
1381	Towards a Systematic Approach for Improving Information Security Risk Management Methods. , 2007, , .		8
1382	Fuzzy Quotients in Reactive Common Sense Reasoning. , 2007, , .		8
1383	An Approach to Computing With Words Based on Canonical Characteristic Values of Linguistic Labels. IEEE Transactions on Fuzzy Systems, 2007, 15, 593-604.	9.8	59
1384	A neuro-fuzzy inference system to infer gene-gene interactions based on recognition of microarray gene expression patterns. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
1385	Type-2 Intervals of Constant Height. , 2007, , .		2
1386	Cooperative Learning Model of Agents in Multi-cluster Grid. , 2007, , .		5
1387	A Multiresolution Approximate Descriptor of a Fuzzy Set. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
1388	A Linguistic Multi-level Weighted Query Language to Represent User Information Needs. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	1
1389	Forecasting Innovation Diffusion of ICT Products Based on Trend-weighted Fuzzy Time-series Model. , 2007, , .		1
1390	Motion Planning in Dynamic and Unknown Environment Using an Interval Type-2 TSK Fuzzy Logic Controller. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	20
1391	Evaluating customer satisfaction using fuzzy model based on flexible expert weight. , 2007, , .		0
1392	New Components for Building Fuzzy Logic Circuits. , 2007, , .		11
1393	A Method to Solve Group Decision-Making Problem with Multi-granularity Linguistic Assessment Information. , 2007, , .		0
1394	Fuzzy Implication Methods in Fuzzy Logic. , 2007, , .		3
1395	A Similarity Measure between Type-2 Fuzzy Sets with Its Application to Clustering. , 2007, , .		10
1396	A New Fuzzy Time-Series Based on Two Factors to Predict Taiex. , 2007, , .		1
1397	TRADITIONAL CHINESE MEDICAL DIAGNOSIS SYSTEM OF ARRHYTHMIA. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 199-205.	0.6	0
1398	Fuzzy Multi-criteria Group Decision Support in Long-term Options of Belgian Energy Policy. , 2007, , .		1
1399	Fuzziness in Covering Generalized Rough Sets. , 2007, , .		1
1400	Multiple-Period Modified Fuzzy Time-Series for Forecasting TAIEX. , 2007, , .		4
1401	Government expenditure decision-making under fuzzy relations. International Journal of Services and Standards, 2007, 3, 289.	0.2	9
1402	A Bayesian decision analysis with fuzzy interpretability for aging chronic disease. International Journal of Technology Management, 2007, 40, 176.	0.5	3

#	ARTICLE	IF	CITATIONS
1403	Global patent filing strategies: an application of multi-criteria decision-making model. International Journal of Intellectual Property Management, 2007, 1, 226.	0.3	0
1404	Type-2 Fuzzy Logic System and Level Set. , 2007, , .		2
1405	Symmetrical Fuzzy Collaborative Optimization Using Satisficing and Sufficiency Degree Model. , 2007, , .		0
1406	Extension Principle of Lattice-Valued Fuzzy Set. , 2007, , .		4
1407	<title>Fuzzy analog and discrete time invariant systems</title>. , 2007, , .		4
1408	Intelligent Expression Blending for Performance Driven Facial Animation. IEEE Transactions on Consumer Electronics, 2007, 53, 578-584.	3.6	10
1409	Analytical Theory of Fuzzy IF-THEN Rules with Compositional Rule of Inference. , 2007, , 174-191.		5
1410	Fuzzy Sets in the Evaluation of Reliability. Studies in Computational Intelligence, 2007, , 363-386.	0.9	6
1411	An asymmetry coefficient for random variables based on fuzzification. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	0
1412	Immune Evolution Algorithm Based Dynamic Path Planning Approach for the Soccer Robot. , 2007, , .		4
1413	Power analysis of the one sample test for fuzzy random variables. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	0
1414	Augmented Interval Type-2 Fuzzy Set Methodologies for Email Granulation. , 2007, , .		2
1415	A Study of A/R Collection for IC Design Industry in Taiwan Using Fuzzy MCDM Methodology. , 2007, , .		1
1416	New Type-2 Rule Ranking Indices for Designing Parsimonious Interval Type-2 Fuzzy Logic Systems. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
1417	Spam Filtering Model Based on Interval Type-2 Fuzzy Set Paradigm. , 2007, , .		0
1418	Construction of Interval Type 2 Fuzzy Images to Represent Images in Grayscale. False Edges. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	10
1419	On a generalized T-norm for the representation of uncertainty propagation in statistically correlated measurements by means of fuzzy variables. , 2007, , .		5
1420	Task Scheduling on Flow Networks with Temporal Uncertainty. , 2007, , .		5

#	Article	IF	Citations
1421	Estimation of Uncertainty in Measurement by means of Type-2 Fuzzy Variables. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	4
1422	Enhanced Type 2 Fuzzy System Models with Improved Fuzzy Functions. , 2007, , .		4
1423	On the Role of Numerical Preciseness for Generalization, Classification, Type-1, and Type-2 Fuzziness. , 2007, , .		0
1424	SIMPLE FUZZY GRID PARTITION FOR MINING MULTIPLE-LEVEL FUZZY SEQUENTIAL PATTERNS. Cybernetics and Systems, 2007, 38, 203-228.	2.5	3
1425	Properties of the Third Type of Covering-Based Rough Sets. , 2007, , .		10
1426	A Fuzzy Inductive Algorithm for Modeling Dynamical Systems in a Comprehensible Way. IEEE Transactions on Fuzzy Systems, 2007, 15, 652-672.	9.8	6
1427	PROJECT TEAM SELECTION USING FUZZY OPTIMIZATION APPROACH. Cybernetics and Systems, 2007, 38, 155-185.	2.5	129
1428	Evolutionary optimization of interval type-2 membership functions using the Human Evolutionary Model. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	7
1429	Cardinality, Fuzziness, Variance and Skewness of Interval Type-2 Fuzzy Sets. , 2007, , .		9
1430	On Complete Sublattices of the Algebra of Truth Values of Type-2 Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
1431	Fuzzy-Set Based Logics â€" an History-Oriented Presentation of their Main Developments. Handbook of the History of Logic, 2007, 8, 325-449.	0.5	46
1432	On Three Types of Covering-Based Rough Sets. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 1131-1144.	5.7	411
1433	A Fuzzy Expert Decision Support System for Job Assignment. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
1434	Fuzzy Techniques for Environmental-Impact Assessment in the Mineral Deposit of Punta Gorda (Moa,) Tj ETQq1 1 0.784314 rgBT /Over	2.2	15
1435	Fuzzy Least-Absolutes Estimates in Linear Models. Communications in Statistics - Theory and Methods, 2007, 36, 1935-1944.	1.0	14
1436	A possibilistic approach to soil moisture retrieval from ERS synthetic aperture radar backscattering under soil roughness uncertainty. Water Resources Research, 2007, 43, .	4.2	45
1437	On the exchange of iterated expectations of random upper semicontinuous functions. Statistics and Probability Letters, 2007, 77, 1628-1635.	0.7	3
1438	Detection of level of satisfaction and fuzziness patterns for MCDM model with modified flexible S-curve MF. Applied Soft Computing Journal, 2007, 7, 1044-1054.	7.2	44

#	Article	IF	Citations
1439	A real-time road pricing system: The case of a two-link parallel network. Computers and Operations Research, 2007, 34, 2-27.	4.0	17
1440	Linear programming with fuzzy parameters: An interactive method resolution. European Journal of Operational Research, 2007, 177, 1599-1609.	5.7	506
1441	Initial breeding value prediction on Manchego sheep by using rule-based systems. Expert Systems With Applications, 2007, 33, 96-109.	7.6	3
1442	Case-based selection of initialisation heuristics for metaheuristic examination timetabling. Expert Systems With Applications, 2007, 33, 772-785.	7.6	37
1443	T-sum of bell-shaped fuzzy intervals. Fuzzy Sets and Systems, 2007, 158, 739-746.	2.7	7
1444	Duality theorems and saddle point optimality conditions in fuzzy nonlinear programming problems based on different solution concepts. Fuzzy Sets and Systems, 2007, 158, 1588-1607.	2.7	12
1445	A comparison of fuzzy strategies for corporate acquisition analysis. Fuzzy Sets and Systems, 2007, 158, 2039-2056.	2.7	19
1446	On the relevance of some families of fuzzy sets. Fuzzy Sets and Systems, 2007, 158, 2429-2442.	2.7	134
1447	Topological approaches to covering rough sets. Information Sciences, 2007, 177, 1499-1508.	6.9	504
1448	Dealing with heterogeneous information in engineering evaluation processes. Information Sciences, 2007, 177, 1533-1542.	6.9	127
1449	An intelligent hybrid approach for industrial quality control combining neural networks, fuzzy logic and fractal theory. Information Sciences, 2007, 177, 1543-1557.	6.9	97
1450	T-sum of sigmoid-shaped fuzzy intervals. Information Sciences, 2007, 177, 3831-3839.	6.9	0
1451	Robustness of fuzzy reasoning via logically equivalence measure. Information Sciences, 2007, 177, 5103-5117.	6.9	25
1452	On the quality of resources on the Web: An information retrieval perspective. Information Sciences, 2007, 177, 4566-4597.	6.9	15
1453	Generalized rough sets based on relations. Information Sciences, 2007, 177, 4997-5011.	6.9	367
1454	The extension principle and a decomposition of fuzzy sets. Information Sciences, 2007, 177, 5394-5403.	6.9	25
1455	Sugeno fuzzy integral for finding fuzzy ifâ€"then classification rules. Applied Mathematics and Computation, 2007, 185, 72-83.	2.2	10
1456	Using fuzzy sets theory and Blackâ€"Scholes formula to generate pricing boundaries of European options. Applied Mathematics and Computation, 2007, 185, 136-146.	2.2	71

#	Article	IF	Citations
1457	A soft computing method for selecting evaluation criteria of service quality. Applied Mathematics and Computation, 2007, 189, 241-254.	2.2	16
1458	An intuitionistic fuzzy system for time series analysis in plant monitoring and diagnosis. Applied Soft Computing Journal, 2007, 7, 1227-1233.	7.2	56
1459	Fuzzy trust evaluation and credibility development in multi-agent systems. Applied Soft Computing Journal, 2007, 7, 492-505.	7.2	113
1460	On the soundness of altering granular information. International Journal of Approximate Reasoning, 2007, 45, 43-67.	3.3	6
1461	Sensory evaluation based on linguistic decision analysis. International Journal of Approximate Reasoning, 2007, 44, 148-164.	3.3	134
1462	A fuzzy-set approach to treat determinacy and consistency of linguistic terms in multi-criteria decision making. International Journal of Approximate Reasoning, 2007, 44, 165-181.	3.3	80
1463	Hybrid possibilistic networks. International Journal of Approximate Reasoning, 2007, 44, 224-243.	3.3	27
1464	A fuzzy linguistic model to evaluate the quality of Web sites that store XML documents. International Journal of Approximate Reasoning, 2007, 46, 226-253.	3.3	54
1465	Fuzzy time-series based on Fibonacci sequence for stock price forecasting. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 377-390.	2.6	96
1466	DNA-based watermarks using the DNA-Crypt algorithm. BMC Bioinformatics, 2007, 8, 176.	2.6	115
1467	Cognitive complexity and dynamic personality in agent simulation. Computers in Human Behavior, 2007, 23, 2983-2997.	8.5	29
1468	Using Nonadditive Fuzzy Integral to Assess Performances of Organizational Transformation Via Communities of Practice. IEEE Transactions on Engineering Management, 2007, 54, 327-339.	3.5	32
1469	Identifying an object model defined as a fuzzy relational equation. Optoelectronics, Instrumentation and Data Processing, 2007, 43, 50-58.	0.6	0
1470	Duality theory in fuzzy optimization problems formulated by the Wolfe's primal and dual pair. Fuzzy Optimization and Decision Making, 2007, 6, 179-198.	5.5	19
1471	Fuzzy-valued integrals based on a constructive methodology. Applications of Mathematics, 2007, 52, 1-23.	0.9	1
1472	Linguistic time series forecasting using fuzzy recurrent neural network. Soft Computing, 2007, 12, 183-190.	3.6	31
1473	A maximal variance problem. Applied Mathematics Letters, 2007, 20, 1088-1093.	2.7	3
1474	Prioritizing groundwater remediation policies: A fuzzy compatibility analysis decision aid. Journal of Environmental Management, 2007, 82, 13-23.	7.8	21

#	Article	IF	Citations
1475	Multi-attribute fuzzy time series method based on fuzzy clustering. Expert Systems With Applications, 2008, 34, 1235-1242.	7.6	156
1476	A fuzzy group decision-making approach in quality function deployment. Quality and Quantity, 2008, 42, 527-540.	3.7	36
1477	Solutions of Fuzzy Multiobjective Programming Problems Based on the Concept of Scalarization. Journal of Optimization Theory and Applications, 2008, 139, 361-378.	1.5	8
1478	Self-tuning of fuzzy belief rule bases for engineering system safety analysis. Annals of Operations Research, 2008, 163, 143-168.	4.1	68
1479	Approximation-based feature selection and application forÂalgae population estimation. Applied Intelligence, 2008, 28, 167-181.	5.3	3
1480	HILK: A new methodology for designing highly interpretable linguistic knowledge bases using the fuzzy logic formalism. International Journal of Intelligent Systems, 2008, 23, 761-794.	5.7	87
1481	Applying aggregation operators for information access systems: An application in digital libraries. International Journal of Intelligent Systems, 2008, 23, 1235-1250.	5.7	10
1482	High-order fuzzy time-series based on multi-period adaptation model for forecasting stock markets. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 876-888.	2.6	76
1483	A complete method for efficient fuzzy modal analysis. Journal of Sound and Vibration, 2008, 309, 63-85.	3.9	35
1484	Using the technique of scalarization to solve the multiobjective programming problems with fuzzy coefficients. Mathematical and Computer Modelling, 2008, 48, 232-248.	2.0	26
1485	Fuzzy rule-based prediction of hardness for sintered HSS components. Journal of Materials Processing Technology, 2008, 200, 212-220.	6.3	11
1486	An evolutionary system architecture for information protection. Applied Mathematics and Computation, 2008, 197, 687-691.	2.2	1
1487	Perception-based approach to time series data mining. Applied Soft Computing Journal, 2008, 8, 1211-1221.	7.2	44
1488	Systematic design of a stable type-2 fuzzy logic controller. Applied Soft Computing Journal, 2008, 8, 1274-1279.	7.2	84
1489	Enriching the class diagram concepts to capture natural language semantics for database access. Data and Knowledge Engineering, 2008, 67, 1-29.	3.4	6
1490	Fuzzy time-series based on adaptive expectation model for TAIEX forecasting. Expert Systems With Applications, 2008, 34, 1126-1132.	7.6	175
1491	Group decision making based on multiple types of linguistic preference relations. Information Sciences, 2008, 178, 452-467.	6.9	201
1492	C-fuzzy numbers and a dual of extension principle. Information Sciences, 2008, 178, 827-835.	6.9	6

#	Article	IF	Citations
1493	A note on fibered projective plane geometry. Information Sciences, 2008, 178, 1257-1262.	6.9	4
1494	Normalized distance, similarity measure, inclusion measure and entropy of interval-valued fuzzy sets and their relationship. Information Sciences, 2008, 178, 1334-1342.	6.9	155
1495	Numerical solution of a system of fuzzy polynomials by fuzzy neural network. Information Sciences, 2008, 178, 1948-1960.	6.9	46
1496	Is there a need for fuzzy logic?. Information Sciences, 2008, 178, 2751-2779.	6.9	1,000
1497	Fuzzy inference system for software product family process evaluation. Information Sciences, 2008, 178, 2780-2793.	6.9	12
1498	The theoretical foundations of statistical learning theory based on fuzzy number samples. Information Sciences, 2008, 178, 3240-3246.	6.9	12
1499	Nonlinear robust digital controller based on fuzzy model for homing missiles. Chaos, Solitons and Fractals, 2008, 38, 192-198.	5.1	3
1500	Combining fuzzy AHP with MDS in identifying the preference similarity of alternatives. Applied Soft Computing Journal, 2008, 8, 110-117.	7.2	107
1501	An efficient method to represent and process imprecise knowledge. Applied Soft Computing Journal, 2008, 8, 1050-1067.	7.2	0
1502	A fuzzy decision aid model for environmental performance assessment in waste recycling. Environmental Modelling and Software, 2008, 23, 677-689.	4.5	50
1503	Forecasting the number of outpatient visits using a new fuzzy time series based on weighted-transitional matrix. Expert Systems With Applications, 2008, 34, 2568-2575.	7.6	44
1504	A new hybrid artificial neural networks and fuzzy regression model for time series forecasting. Fuzzy Sets and Systems, 2008, 159, 769-786.	2.7	173
1505	Flexible querying in a relational framework supported by possibilistic logic. Fuzzy Sets and Systems, 2008, 159, 1468-1484.	2.7	1
1506	pg4DB: A fuzzy object-relational system. Fuzzy Sets and Systems, 2008, 159, 1500-1514.	2.7	25
1507	A new framework for the Bayesian analysis of single-stage decision problems with imprecise utilities. Fuzzy Sets and Systems, 2008, 159, 3271-3280.	2.7	2
1508	A convexity problem and a new proof for linearity preserving additions of fuzzy intervals. Fuzzy Sets and Systems, 2008, 159, 3388-3392.	2.7	1
1509	An approximation to the extension principle using decomposition of fuzzy intervals. Fuzzy Sets and Systems, 2008, 159, 3245-3258.	2.7	10
1510	Unifying practical uncertainty representations. II: Clouds. International Journal of Approximate Reasoning, 2008, 49, 664-677.	3.3	37

#	ARTICLE	IF	CITATIONS
1511	Continuous logic and combinatorial problems decision. Journal of Computer and Systems Sciences International, 2008, 47, 413-421.	0.6	0
1512	Toward incorporating a task-stage identification technique into the long-term document support process. Information Processing and Management, 2008, 44, 1649-1672.	8.6	13
1513	Meso-scale modelling of coral's susceptibility to environmental stress using remotely sensed data: Reply to comments by. Ecological Modelling, 2008, 218, 192-194.	2.5	0
1514	Fuzzy Multi-Objective Order Allocation Model for Risk Management in a Supply Chain. , 2008, , .		4
1515	An Embedded Fuzzy Type-2 Controller Based Sensor Behavior for Mobile Robot. , 2008, , .		6
1516	Fuzzification of Spiked Neural Networks. , 2008, , .		1
1517	Fuzzy Set Techniques in E-Service Applications. , 2008, , 553-566.		2
1518	Type-2 Fuzzy Logic: Theory and Applications. Studies in Fuzziness and Soft Computing, 2008, , .	0.8	344
1519	Management of Uncertainty and Spatio-Temporal Aspects for Monitoring and Diagnosis in a Smart Home. International Journal of Computational Intelligence Systems, 2008, 1, 361-378.	2.7	48
1520	On new quasi-type-2 fuzzy logic systems. , 2008, , .		42
1521	A Fast Geometric Method for Defuzzification of Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2008, 16, 929-941.	9.8	98
1522	A Collective Decision Model Involving Vague Concepts and Linguistic Expressions. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 421-428.	5.0	18
1523	Adaptive fuzzy logic controller for vehicle active suspensions with interval type-2 fuzzy membership functions. , 2008, , .		9
1524	MFDSSF: A Mobile Fuzzy Decision Support System for Firefighter Cooperation in Ad Hoc Networks. , 2008, , .		0
1525	The sixth type of covering-based rough sets. , 2008, , .		2
1526	Fuzzy Bandwidth Broker: Machine Learning Based Approach to Resolve Architectural Issues. , 2008, , .		0
1527	Semantic approach to text entailment for question answering - new domain for uncertainty modeling. , 2008, , .		3
1528	All-IP network video streaming through interval type-2 fuzzy logic congestion control. , 2008, , .		0

#	Article	IF	Citations
1529	Interval Type-2 Fuzzy Reasoning Models and Algorithms Chen Yang and Wang Tao. , 2008, , .		0
1530	Intelligent control using an Interval Type-2 Fuzzy Neural Network with a hybrid learning algorithm. , 2008, , .		5
1531	Hierarchical fuzzy inference system for robotic pursuit evasion task. , 2008, , .		19
1532	An Approach to Group Decision Making Problems Based on 2-Tuple Linguistic Aggregation Operators. , 2008, , .		13
1533	An experimental comparison of various aggregation operators in a fuzzy information retrieval model. , 2008, , .		2
1534	Simplifying Network Management with Fuzzy Logic. , 2008, , .		8
1535	A Fuzzy Linguistic Methodology to Deal With Unbalanced Linguistic Term Sets. IEEE Transactions on Fuzzy Systems, 2008, 16, 354-370.	9.8	494
1536	Integrating Linguistic fuzzy knowledge and a probabilistic approach. , 2008, , .		0
1537	Solving differential equations with fuzzy parameters. , 2008, , .		0
1538	On-line training of freehand curve identifier FSCI in sketch-based CAD system. , 2008, , .		0
1539	Fuzziness from attribute generalization in information table. , 2008, , .		1
1540	A Decision Making Model Based on Dempster-Shafer Theory and Linguistic Hybrid Aggregation Operators. , 2008, , .		3
1541	Some linear programming models for obtaining the priority vector of interval multiplicative preference relations. , 2008, , .		0
1542	Distributed-interval type-2 fuzzy set based recognition algorithm for IDS. , 2008, , .		0
1543	An attempt to use a type-2 fuzzy logic system to assist with real estate appraisals. , 2008, , .		3
1544	A recurrent interval type-2 fuzzy neural network with asymmetric membership functions for nonlinear system identification. , 2008, , .		2
1545	On a class of defuzzification functionals. Proceedings of the International Multiconference on Computer Science and Information Technology, 2008, , .	0.0	1
1546	General Model of Multiple Weights Fuzzy Appraisal System. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
1547	Positional Fuzzy Relations in Robot Control. , 2008, , .		6
1548	Is there a need for fuzzy logic?. , 2008, , .		45
1549	Type-2 OWA operators - aggregating type-2 fuzzy sets in soft decision making. , 2008, , .		2
1550	3D Represantion of Approximate Reasoning Process with Type-2 Fuzzy Sets and Distance-based Operators. , 2008, , .		0
1551	A fuzzy model of support vector classification algorithm. , 2008, , .		2
1552	Interpretation of the Keywords Weights in Information Retrieval: Fuzzy Logic Based Approaches. , 2008, , .		5
1553	Short-term traffic flow forecasting method based on interval type-2 fuzzy neural network. , 2008, , .		1
1554	Gradual Numbers and Their Application to Fuzzy Interval Analysis. IEEE Transactions on Fuzzy Systems, 2008, 16, 388-402.	9.8	156
1555	Building Fuzzy Inference Systems with a New Interval Type-2 Fuzzy Logic Toolbox. , 2008, , 104-114.		42
1556	Optimal Fuzzy Reasoning and Its Characteristics. , 2008, , .		1
1557	An Approach to Solve Assignment Problems with Linguistic Assessment Information Based on Two-Tuple Linguistic Representation Model. , 2008, , .		0
1558	Context and Learning Based Approach to Programming of Intelligent Equipment. , 2008, , .		3
1559	Ideal Solution Method for Multiple Attribute Group Decision Making under Uncertain Linguistic Environment. , 2008, , .		0
1560	The Properties of L-fuzzy Rough Set Based on Complete Residuated Lattice. , 2008, , .		1
1561	Masses classification using fuzzy active contours and fuzzy decision trees. Proceedings of SPIE, 2008, , .	0.8	2
1562	A Fuzzy Neural Network Based E-Commerce Reputation Estimation Model. , 2008, , .		0
1563	Fuzzy Assessment for Sampling Survey Defuzzification by Signed Distance Method. , 2008, , .		1
1564	Weighted fuzzy interpolative reasoning based on interval type-2 fuzzy sets. , 2008, , .		1

#	Article	IF	Citations
1565	A fuzzy group decision-making approach to evaluate a mobile technology for logistics industry. , 2008, , .		0
1566	Inducing linguistic weights for type-1 OWA operators in soft decision making. , 2008, , .		0
1567	Approximate Reasoning with Interval-Valued Fuzzy Sets. , 2008, , .		0
1568	A hybrid learning algorithm for Interval Type-2 Fuzzy Neural Networks in time series prediction for the case of air pollution. , 2008, , .		10
1569	Enhanced Interval Type-2 Fuzzy Logic Systems with Improved the Output Processing Using Uncertainty Bounds. , 2008, , .		0
1570	A Satisfactory-Oriented Approach to Multi-Evaluator Single-Layer Evaluation System with Linguistic Truth-Value. , 2008, , .		0
1571	Study of extended interval-valued fuzzy set and application to group decision consensus degree. , 2008, , .		0
1572	Applying fuzzy linguistic variable and ELECTRE method in R&D project evaluation and selection. , 2008, , .		3
1573	Generalisations of the concept of a non-stationary fuzzy set - a starting point to a formal discussion. , 2008, , .		3
1574	Measure Product-Driven Supply Chain Performance Using MEOWA. , 2008, , .		0
1575	On the Soil Roughness Parameterization Problem in Soil Moisture Retrieval of Bare Surfaces from Synthetic Aperture Radar. Sensors, 2008, 8, 4213-4248.	3.8	272
1576	Fuzzy spatial objects modeling from image based on fuzzy neural network. Proceedings of SPIE, 2008, , .	0.8	0
1577	Some properties of operations on type-2 fuzzy sets. , 2008, , .		1
1578	Case based polishing process planning with fuzzy set theory. , 2008, , .		0
1579	Group decision making based on computing with linguistic variables and an example in information system selection. , 2008, , .		3
1580	Closed-Loop Green Supply Chain Logistics Model with Uncertain Reverse Pameters. , 2008, , .		3
1581	Fuzzy information processing for damage assessment & rehabilitation. , 2008, , .		0
1582	A Goal Programming Procedure for Solving Interval Valued Multiobjective Fractional Programming Problems. , 2008, , .		9

#	Article	IF	Citations
1583	Laws for conjunctions and disjunctions in interval type 2 fuzzy sets. , 2008, , .		2
1584	Uninorm Operations on Type-2 Fuzzy Sets. , 2008, , .		2
1585	An Experiment on the Description of Sequences of Fuzzy Perceptions. , 2008, , .		16
1586	Tardiness in Fuzzy Flow Shop Scheduling Problems Based on Possibility and Necessity Measures. , 2008, , .		1
1587	Eliminate people’s expressive preference in the mood of fuzzy linguistics. , 2008, , .		1
1588	Type-2 fuzzy sets applications. , 2008, , .		1
1589	Overview of the study on group decision-making methods based on different judgement matrices. , 2008, , .		0
1590	Mean-Variance Model for Venture Investment Decision-Making. , 2008, , .		1
1591	Hybrid Rule and Neural Network Based Framework for Ubiquitous Computing. , 2008, , .		4
1592	Two-tuple linguistic screening evaluation at the front end in new product development. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
1593	Dynamic evaluation of supplier performance based on product strategy. , 2008, , .		1
1594	Transitive closure of interval-valued relations. , 2008, , .		0
1595	A novel fuzzy inferencing methodology for simulated car racing. , 2008, , .		1
1596	Interval Type-2 Fuzzy Neural Network Controller (IT2FNNC) and Its Application to a Coupled-Tank Liquid-Level Control System. , 2008, , .		9
1597	Hybrid neural-based guiding system for mobile robots. , 2008, , .		1
1598	Type-2 Fuzzy System Based Blood Pressure Parameters Estimation. , 2008, , .		5
1599	Extended linguistic hierarchies. , 2008, , .		0
1600	A Comprehensive Fuzzy Logic Model for Feature Performance AssessmentÂ against Network Attacks. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
1601	On Generalized Fuzzy Filters of MTL-Algebras. , 2008, , .		1
1602	Some models of dynamic cognitive maps with qualitative scales of factors values. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 695-699.	0.4	2
1603	A New Approach for Handling Forecasting Problems Using High-Order Fuzzy Time Series. Intelligent Automation and Soft Computing, 2008, 14, 29-43.	2.1	12
1604	A RECOMMENDER SYSTEM TO PROMOTE COLLABORATIVE RESEARCH GROUPS IN AN ACADEMIC CONTEXT. , 2008, , .		0
1605	Interval type-2 fuzzy logic congestion control of video streaming. , 2008, , .		2
1606	Application of fuzzy MCDM to establishing a new fee schedule for orthopaedic procedures in a National Health Insurance program. International Journal of Management and Decision Making, 2008, 9, 334.	0.1	3
1607	A hierarchical fuzzy system with high input dimensions for forecasting foreign exchange rates. International Journal of Artificial Intelligence and Soft Computing, 2008, 1, 15.	0.1	9
1608	Computational Intelligence Approaches to Brain Signal Pattern Recognition. , 2008, , .		1
1609	Recurrent Interval Type-2 Fuzzy Neural Network Using Asymmetric Membership Functions. , 0, , .		3
1610	Dynamic agent-oriented reasoning about belief and trust. Multiagent and Grid Systems, 2008, 4, 335-346.	0.9	4
1611	Extended Kalman Filter Based Fuzzy Adaptive Filter. , 2009, , .		0
1612	Textile product design analysis and modeling. , 2009, , 112-161.		0
1613	Emotion Mimicry in Humanoid Robots Using Computational Theory of Perception. , 2009, , .		0
1614	Evaluation Corporate Governance Risk: A Fuzzy Logic Approach. SSRN Electronic Journal, 0, , .	0.4	0
1615	A Semantic Model of Selective Dissemination of Information for Digital Libraries. Information Technology and Libraries, 2009, 28, 21-30.	0.9	17
1616	Participatory Learning With Granular Observations. IEEE Transactions on Fuzzy Systems, 2009, 17, 1-13.	9.8	20
1617	The similarity measure between Interval Type-2 Fuzzy Sets based on triangles. , 2009, , .		3
1618	A Function Principle Approach to Jaccard Ranking Fuzzy Numbers. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
1619	Apply fuzzy case-based reasoning to knowledge acquisition of product style. , 2009, , .		3
1620	On vague BCK/BCI-algebras. , 2009, , .		1
1621	Multi-dimension Multi-stage Fuzzy Optimum Dynamic Programming Method with Complicated Information. , 2009, , .		0
1622	Decision analysis with hybrid uncertain performance targets. , 2009, , .		1
1623	Reasoning under Uncertainty Based on Linguistic Truth-Valued Lattice Values First-Order Logic (II). , 2009, , .		0
1624	Adaptive type-2 fuzzy control of non-linear systems. , 2009, , .		1
1625	Fuzzy Connectedness in Interval-valued Fuzzy Topological Spaces. , 2009, , .		0
1626	A Security System and Employees Performance Evaluation Using RFID Sensors and Fuzzy Logic. , 2009, , .		6
1627	Buckley-feuring solutions for non-polynomial fuzzy partial differential equations. Application to utility theory. , 2009, , .		1
1628	Some Basic Results of Fuzzy Research in the ISI Web of Knowledge. , 2009, , .		0
1629	A comparison of some intuitionistic fuzzy similarity measures applied to handwritten arabic sentences recognition. , 2009, , .		12
1630	Learning flexible structured linguistic fuzzy rules for mamdani fuzzy systems. , 2009, , .		1
1631	An evaluation model of service quality by applying linguistic TOPSIS method. , 2009, , .		2
1632	A Model of Evaluating E-Government Service Capability Based on Fuzzy Linguistic Approach. , 2009, , .		1
1633	A family of finite De Morgan algebras. , 2009, , .		0
1634	An analysis of evolutionary algorithms with different types of fuzzy rules in subgroup discovery. , 2009, , .		5
1635	A Fuzzy Linguistic Recommender System to Disseminate the Own Academic Resources in Universities. , 2009, , .		3
1636	The extension of Buckley-Feuring solutions for non-polynomial fuzzy partial differential equations. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
1637	Constructing robot's model of external environment on basis of linguistic relations and generalized constraints. , 2009, , .		0
1638	Visual Metaphors to Support the Diagnosis of Sleep Apnea-Hypopnea Syndrome. , 2009, , .		0
1639	Evaluation on Financing Environment of Attracting Private Capital into Government Projects. , 2009, , .		0
1640	Possibilistic mean value and variance of fuzzy numbers: Some examples of application. , 2009, , .		6
1641	Fuzzy logic controlled landing of a Boeing 747. , 2009, , .		5
1642	On Interval Fuzzy Residuated Implications and Interval Quasi-implications. , 2009, , .		3
1643	Adaptive type-2 fuzzy maintenance advisor for offshore power systems. , 2009, , .		4
1644	Situation Understanding Based on Heterogeneous Sensor Networks and Human-Inspired Favor Weak Fuzzy Logic System. , 2009, , .		2
1645	A linguistic CMAC equivalent to a Linguistic Decision Tree for classification. , 2009, , .		4
1646	Type-II T-S fuzzy model-based predictive control. , 2009, , .		10
1647	Weighted Intuitionistic Fuzzy Reasoning Based on Probabilistic Information Entropy. , 2009, , .		0
1648	Optimal fuzzy reasoning methods based on robust goals/constraints. , 2009, , .		1
1649	Search methodologies for efficient planetary site selection. , 2009, , .		5
1650	An Evaluation Method of Knowledge Workers' Competence Based on Triangular Fuzzy Number and AHP Algorithm. , 2009, , .		1
1651	Interval-Valued Intuitionistic Fuzzy Probabilistic Set and Some of Its Important Properties. , 2009, , .		2
1652	MINING SIMPLIFIED FUZZY IF-THEN RULES FOR PATTERN CLASSIFICATION. International Journal of Information Technology and Decision Making, 2009, 08, 473-489.	3.9	11
1653	ON AN INTERPRETATION OF KEYWORDS WEIGHTS IN INFORMATION RETRIEVAL: SOME FUZZY LOGIC BASED APPROACHES. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 41-58.	1.9	4
1654	Measuring academic libraries service quality in fuzzy environment. Performance Measurement and Metrics, 2009, 10, 94-115.	0.7	1

#	ARTICLE	IF	CITATIONS
1655	The Application of Fuzzy Decision Method in the Evaluation of Network Marketing. , 2009, , .		0
1656	Abductive reasoning with type 2 fuzzy sets. , 2009, , .		0
1657	A comparison of Type-1 and Type-2 fuzzy controllers in a micro-robot context. , 2009, , .		17
1658	A Novel Methodology for M-Government Performance Evaluation in Fuzzy Area. , 2009, , .		0
1659	Towards Interpretable General Type-2 Fuzzy Classifiers. , 2009, , .		3
1660	Reliability and Performance in Engineering Design. , 2009, , 43-294.		1
1661	Interval-Valued Intuitionistic Fuzzy Approximate Reasoning Based on a New Similarity Measure. , 2009, , .		1
1662	An interval-valued fuzzy reasoning algorithm based on OWA operator. , 2009, , .		0
1663	Extending Nested Relational Model for Fuzzy Information Modeling. , 2009, , .		3
1664	Grey Evaluation Method of Knowledge Management Capability. , 2009, , .		6
1665	The representative value of type-2 fuzzy variable. , 2009, , .		0
1666	Greeks Analysis of Currency Option under Fuzzy Environment. , 2009, , .		0
1667	A Framework for Considering Uncertainty in Quantitative Life Cycle Cost Estimation. , 2009, , .		1
1668	A Weighted Interval-Valued Fuzzy Decision Method Based on OWA Operator. , 2009, , .		0
1669	Computational Intelligence Methods for Docking Scores. Current Computer-Aided Drug Design, 2009, 5, 56-68.	1.2	33
1670	A CONSENSUS MODEL FOR GROUP DECISION MAKING PROBLEMS WITH UNBALANCED FUZZY LINGUISTIC INFORMATION. International Journal of Information Technology and Decision Making, 2009, 08, 109-131.	3.9	213
1671	Applying Fuzzy Model on the Evaluation of Library Service Quality. , 2009, , .		1
1672	A new view of fuzzy hyperquasigroups. Journal of Intelligent and Fuzzy Systems, 2009, 20, 147-157.	1.4	15

#	Article	IF	Citations
1673	A fuzzy group decision-making model with risk-taking attitudes in quality function deployment. Journal of Intelligent and Fuzzy Systems, 2009, 20, 211-224.	1.4	8
1674	Generalized fuzzy n-ary subpolygroups endowed with interval valued membership functions. Journal of Intelligent and Fuzzy Systems, 2009, 20, 159-168.	1.4	7
1675	Review of the application of fuzzy inference systems in river flow forecasting. Journal of Hydroinformatics, 2009, 11, 202-210.	2.4	30
1676	Context-aware adaptive data stream mining. Intelligent Data Analysis, 2009, 13, 423-434.	0.9	16
1677	An Interval-Valued Intuitionistic Fuzzy Rough Set Model. Fundamenta Informaticae, 2009, 97, 471-498.	0.4	12
1678	Mapping with words: A new approach to automated digital soil survey. International Journal of Intelligent Systems, 2009, 24, 293-311.	5.7	4
1679	Alternative fuzzy operations and applications to social sciences. International Journal of Intelligent Systems, 2009, 24, 1243-1264.	5.7	15
1680	Progressive design methodology for complex engineering systems based on multiobjective genetic algorithms and linguistic decision making. Soft Computing, 2009, 13, 649-679.	3.6	9
1681	Comments on "Notes on triple I method of fuzzy reasoning" Computers and Mathematics With Applications, 2009, 58, 1604-1607.	2.7	2
1682	Selection of optimal supplier in supply chain management strategy with analytic network process and choquet integral. Computers and Industrial Engineering, 2009, 57, 330-340.	6.3	210
1683	TRACE, a graphical tool for the acquisition and detection of signal patterns. Expert Systems With Applications, 2009, 36, 343-357.	7.6	7
1684	Forecasting innovation diffusion of products using trend-weighted fuzzy time-series model. Expert Systems With Applications, 2009, 36, 1826-1832.	7.6	39
1685	Handling partial truth on type-2 similarity-based reasoning. Expert Systems With Applications, 2009, 36, 3007-3016.	7.6	5
1686	Integration of environmental considerations in quality function deployment by using fuzzy logic. Expert Systems With Applications, 2009, 36, 7148-7156.	7.6	105
1687	A computational method of forecasting based on high-order fuzzy time series. Expert Systems With Applications, 2009, 36, 10551-10559.	7.6	57
1688	Application of fuzzy DEMATEL to develop a cause and effect model of municipal solid waste management in Metro Manila. Environmental Monitoring and Assessment, 2009, 158, 519-533.	2.7	130
1689	The Karush-Kuhn-Tucker optimality conditions for multi-objective programming problems with fuzzy-valued objective functions. Fuzzy Optimization and Decision Making, 2009, 8, 1-28.	5.5	28
1690	The optimality conditions for optimization problems with convex constraints and multiple fuzzy-valued objective functions. Fuzzy Optimization and Decision Making, 2009, 8, 295-321.	5.5	46

#	Article	IF	Citations
1691	Towards a new strategy for solving fuzzy optimization problems. Fuzzy Optimization and Decision Making, 2009, 8, 231-244.	5.5	24
1692	Computing with words in decision making: foundations, trends and prospects. Fuzzy Optimization and Decision Making, 2009, 8, 337-364.	5.5	426
1693	Evolutionary parallel and gradually distributed lateral tuning of fuzzy rule-based systems. Evolutionary Intelligence, 2009, 2, 5-19.	3.6	20
1694	Theoretical Methods of Constructing Fuzzy Inference Relations. Fuzzy Information and Engineering, 2009, 1, 385-399.	1.7	1
1695	A general fuzzy TOPSIS model in multiple criteria decision making. International Journal of Advanced Manufacturing Technology, 2009, 45, 406-420.	3.0	35
1696	Review of multinomial and multiattribute quality control charts. Quality and Reliability Engineering International, 2009, 25, 773-804.	2.3	73
1697	Nonlinear modelling and classification based on the MICOG defuzzification. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e1033-e1047.	1.1	16
1698	Statistical confidence intervals for fuzzy data. Expert Systems With Applications, 2009, 36, 2670-2676.	7.6	28
1699	Evaluating knowledge management capability of organizations: a fuzzy linguistic method. Expert Systems With Applications, 2009, 36, 3346-3354.	7.6	91
1700	A hybrid multi-order fuzzy time series for forecasting stock markets. Expert Systems With Applications, 2009, 36, 7888-7897.	7.6	43
1701	Using the extension of DEMATEL to integrate hotel service quality perceptions into a causeâ€"effect model in uncertainty. Expert Systems With Applications, 2009, 36, 9015-9023.	7.6	99
1702	Series of fuzzy sets. Fuzzy Sets and Systems, 2009, 160, 3115-3127.	2.7	16
1703	Fuzzy information retrieval model revisited. Fuzzy Sets and Systems, 2009, 160, 2173-2191.	2.7	19
1704	Applying multi-objective evolutionary algorithms to the automatic learning of extended Boolean queries in fuzzy ordinal linguistic information retrieval systems. Fuzzy Sets and Systems, 2009, 160, 2192-2205.	2.7	17
1705	Algebras of fuzzy sets. Fuzzy Sets and Systems, 2009, 160, 2979-2988.	2.7	10
1706	Toward extended fuzzy logicâ€"A first step. Fuzzy Sets and Systems, 2009, 160, 3175-3181.	2.7	168
1707	A soft computing-based approach to spatio-temporal prediction. International Journal of Approximate Reasoning, 2009, 50, 3-20.	3.3	5
1708	A fuzzy constraint satisfaction approach for signal abstraction. International Journal of Approximate Reasoning, 2009, 50, 324-340.	3.3	3

#	Article	IF	Citations
1709	Multi-sample test-based clustering for fuzzy random variables. International Journal of Approximate Reasoning, 2009, 50, 721-731.	3.3	17
1710	Linguistic modelling and information coarsening based on prototype theory and label semantics. International Journal of Approximate Reasoning, 2009, 50, 1177-1198.	3.3	22
1711	Fuzzy qualitative trigonometry. International Journal of Approximate Reasoning, 2009, 51, 71-88.	3.3	32
1712	Modified risk graph method using fuzzy rule-based approach. Journal of Hazardous Materials, 2009, 164, 651-658.	12.4	26
1713	Interval-valued fuzzy permutation method and experimental analysis on cardinal and ordinal evaluations. Journal of Computer and System Sciences, 2009, 75, 371-387.	1.2	19
1714	Fuzzy modal analysis: Prediction of experimental behaviours. Journal of Sound and Vibration, 2009, 322, 135-154.	3.9	16
1715	Evaluating firmâ€™s sustainable production indicators in uncertainty. Computers and Industrial Engineering, 2009, 57, 1393-1403.	6.3	143
1716	Fuzzy multiobjective optimization of mechanical structures. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 631-643.	6.6	19
1717	Uncertainty modelling for vague concepts: A prototype theory approach. Artificial Intelligence, 2009, 173, 1539-1558.	5.8	64
1718	A new approach for determining the length of intervals for fuzzy time series. Applied Soft Computing Journal, 2009, 9, 647-651.	7.2	119
1719	Soft computing in medicine. Applied Soft Computing Journal, 2009, 9, 1029-1043.	7.2	99
1720	The fuzzy GA-based multi-objective financial decision support model for Chinese state-owned construction firms. Automation in Construction, 2009, 18, 402-414.	9.8	9
1721	Fuzzy dual-factor time-series for stock index forecasting. Expert Systems With Applications, 2009, 36, 165-171.	7.6	80
1722	Design facial appearance for roles in video games. Expert Systems With Applications, 2009, 36, 4929-4934.	7.6	9
1723	Fuzzy assessment method on sampling survey analysis. Expert Systems With Applications, 2009, 36, 5955-5961.	7.6	28
1724	AIEIA: Software for fuzzy environmental impact assessment. Expert Systems With Applications, 2009, 36, 9135-9149.	7.6	21
1725	Estimating and testing process yield with imprecise data. Expert Systems With Applications, 2009, 36, 11006-11012.	7.6	18
1726	Automatic objects behaviour recognition from compressed video domain. Image and Vision Computing, 2009, 27, 648-657.	4.5	8

#	ARTICLE	IF	CITATIONS
1727	Marketing Intelligent Systems for consumer behaviour modelling by a descriptive induction approach based on Genetic Fuzzy Systems. Industrial Marketing Management, 2009, 38, 714-731.	6.7	48
1728	The pseudo-linear semantics of interval-valued fuzzy logics. Information Sciences, 2009, 179, 717-728.	6.9	16
1729	Extended triangular norms. Information Sciences, 2009, 179, 742-757.	6.9	37
1730	A comparative study of ranking methods, similarity measures and uncertainty measures for interval type-2 fuzzy sets. Information Sciences, 2009, 179, 1169-1192.	6.9	307
1731	A fuzzy model to evaluate the suitability of installing an enterprise resource planning system. Information Sciences, 2009, 179, 2333-2341.	6.9	21
1732	A linguistic intelligent user guide for method selection in multi-objective decision support systems. Information Sciences, 2009, 179, 2299-2308.	6.9	38
1733	A multiple attributes decision making method using individual and collaborative attribute data in a fuzzy environment. Information Sciences, 2009, 179, 3603-3618.	6.9	50
1734	Fuzzy aesthetic semantics description and extraction for art image retrieval. Computers and Mathematics With Applications, 2009, 57, 1000-1009.	2.7	14
1735	Counting eosinophils in bronchoalveolar lavage fluid images with fuzzy methodology. Applied Soft Computing Journal, 2009, 9, 695-702.	7.2	0
1736	Interval-Valued Fuzzy Reasoning with Interval-Valued Fuzzy Truth. , 2009, , .		0
1737	Bifuzzy left h-ideals of hemirings with interval-valued membership function. Mathematica Slovaca, 2009, 59, .	0.6	3
1738	Multi-period multi-attribute group decision-making under linguistic assessments. International Journal of General Systems, 2009, 38, 823-850.	2.5	50
1739	The extension of Buckley-Feuring solutions for non-polynomial fuzzy partial differential equations. Application to microeconomics utility theory. , 2009, , .		0
1740	Research on e-shopper purchase behavior based on linguistic values of attributes of database. , 2009, , .		1
1741	The fuzzy term structure of interest rates of the National Debt Market in China. , 2009, , .		0
1742	A linear approximation approach to chance constrained multiobjective decision making problems. , 2009, , .		6
1743	Development of Optimal Strategies for Task Assignment in Multirobot Systems. , 2009, , .		3
1744	Type-1 OWA operator based non-stationary fuzzy decision support systems for breast cancer treatments. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
1745	Generalized Extended t-Norms as t-Norms of Type 2. , 2009, , .		1
1746	To Solve Lorenz System by Sliding Mode Controller Based on Interval Type-2 Fuzzy Logic. , 2009, , .		3
1748	Fuzzifying images using fuzzy wavelet denoising. , 2009, , .		3
1749	Combined interval type-2 fuzzy kinematic and dynamic controls of the wheeled mobile robot with adaptive sliding-mode technique. , 2009, , .		2
1750	Conflict resolution of product package design for logistics using the TRIZ method. , 2009, , .		1
1751	An Adaptive Consensus Support Model for Group Decision-Making Problems in a Multigranular Fuzzy Linguistic Context. IEEE Transactions on Fuzzy Systems, 2009, 17, 279-290.	9.8	304
1752	On the intelligent content retrieval by means of text relevance modelling. , 2009, , .		0
1753	Applying Fuzzy Approach on Choosing Between Growth and Return. , 2009, , .		0
1754	Hierarchical Linguistic Variables. , 2009, , .		2
1755	Consensus Method for Group Decision Making Based on Multigranularity Interval Linguistic. , 2009, , .		0
1756	Fuzzy approach for assignment problem. , 2009, , .		1
1757	Automatically Generated Linguistic Summaries of Energy Consumption Data. , 2009, , .		19
1758	An Interpretability-Guided Modeling Process for Learning Comprehensible Fuzzy Rule-Based Classifiers. , 2009, , .		4
1759	Evaluating an Intelligent Business System with a Fuzzy Multi-criteria Approach. , 2009, , .		0
1760	mTRACK &#x2014; Monitoring time-varying relations in approximately categorised knowledge. , 2009, , .		2
1761	Agent-Based Generation of Personal Thesaurus. , 2009, , .		2
1762	Non-specificity measures for type-2 fuzzy sets. , 2009, , .		8
1763	Using Incomplete Fuzzy Linguistic Preference Relations to Characterize User Profiles in Recommender Systems. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
1764	An energetic operation policy using Fuzzy Controllers for maximization of benefits in the brazilian hydrothermal power system. , 2009, , .		1
1765	A study on fuzzy logic reasoning with residual implication and Frank's t-norm. , 2009, , .		0
1766	A Web-Based Fuzzy Linguistic Tool to Filter Information in a Biomedical Domain. , 2009, , .		1
1767	Fuzzy association rules in soft conceptual hierarchies. , 2009, , .		10
1768	Identification and control of time-varying plants using type-2 fuzzy neural system. , 2009, , .		4
1769	Optimizing the Method for Building an Extended Linguistic Hierarchy. , 2009, , .		1
1770	Real-Time Constrained Fuzzy Arithmetic. IEEE Transactions on Fuzzy Systems, 2009, 17, 630-640.	9.8	2
1771	The Fuzzy Probabilistic Weighted Averaging Operator and its Application in Decision Making. , 2009, , .		10
1772	Lattice-valued interval sets and t-representable interval set t-norms. , 2009, , .		10
1773	Supplier evaluation with quality-based fuzzy data. , 2009, , .		2
1774	Simulation and modeling of group behavior during emergency evacuation. , 2009, , .		29
1775	A genetic algorithm based fuzzy goal programming solution approach to chance constrained bilevel programming problems. , 2009, , .		3
1776	Greek Letters of European Call Currency Option with Adaptive Fuzzy Numbers. , 2009, , .		0
1777	The design of internal type-2 fuzzy kinematic control and interval type-2 fuzzy terminal sliding-mode dynamic control of the wheeled mobile robot. , 2009, , .		2
1778	Development of a fuzzy sets based prototype expert system for financial applications. , 2009, , .		1
1779	Bounds Pricing Method of Currency Options Based on Triangular Fuzzy Numbers, Fuzzy Programming and Fuzzy Regression. , 2009, , .		0
1780	Designing Type-2 Fuzzy Logic System Controllers via Fuzzy Lyapunov Synthesis for the output regulator of a servomechanism with nonlinear backlash. , 2009, , .		3
1781	A fuzzy-genetic controller for the output regulation of a servomechanism with backlash. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
1782	A portfolio selection problem with type-2 fuzzy return based on possibility measure and interval programming. , 2009, , .		5
1783	Mamdani FLC with Various Implications. , 2009, , .		5
1784	A fuzzy goal programming approach for solving multiobjective fuzzy stochastic programming problems. , 2009, , .		1
1785	A Grid Based Graphics Rendering Design. , 2009, , .		2
1786	Building Confidence-Interval-Based Fuzzy Random Regression Models. IEEE Transactions on Fuzzy Systems, 2009, 17, 1273-1283.	9.8	78
1787	Insurance Credit Evaluation Incorporated Qualitative and Quantitative Information. , 2009, , .		0
1788	A Web-Based Service for the Elicitation of Resources in the Biomedical Domain. , 2009, , .		1
1789	Computing the Numerical Scale of the Linguistic Term Set for the 2-Tuple Fuzzy Linguistic Representation Model. IEEE Transactions on Fuzzy Systems, 2009, 17, 1366-1378.	9.8	300
1790	Fuzzy Regression Models Using the Least-Squares Method Based on the Concept of Distance. IEEE Transactions on Fuzzy Systems, 2009, 17, 1259-1272.	9.8	62
1791	Improvement of Auto-Regressive Integrated Moving Average models using Fuzzy logic and Artificial Neural Networks (ANNs). Neurocomputing, 2009, 72, 956-967.	5.9	230
1792	Robust Control of an LUSM-Based $Xhbox{--}Yhbox{--}heta$ Motion Control Stage Using an Adaptive Interval Type-2 Fuzzy Neural Network. IEEE Transactions on Fuzzy Systems, 2009, 17, 24-38.	9.8	46
1793	Fuzzy Opinion Aggregation in Group Decision Making Environment. , 2009, , .		1
1794	Improving nuclear safeguards evaluation through enhanced belief rule-based inference methodology. International Journal of Nuclear Knowledge Management, 2009, 3, 312.	0.3	19
1795	AN EVALUATION MODEL OF INNOVATION PERFORMANCE BASED ON FUZZY INTERVAL LINGUISTIC VARIABLES. Journal of the Chinese Institute of Industrial Engineers, 2009, 26, 387-396.	0.5	5
1796	A Qualitative Method for Risk Preference of Insurance Companies. , 2009, , .		1
1797	Supplier Selection in an Agile Supply Chain Environment using Fuzzy Axiomatic Design Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 840-845.	0.4	3
1798	COMPUTING WITH WORDS BASED ON A HYBRID SEMANTIC-SYMBOLIC MODEL. , 2009, , .		0
1799	A LINGUISTIC FRAMEWORK FOR COLLABORATIVE AND KNOWLEDGE-BASED FILTERING: HOW TO REFINE COLLABORATIVE FILTERING RECOMMENDATIONS. , 2009, , .		0

#	Article	IF	Citations
1800	A LINGUISTIC COLLABORATIVE RECOMMENDER SYSTEM FOR ACADEMIC ORIENTATION. , 2009, , .		0
1801	Fuzzy consideration sets: a new approach based on direct use of consumer preferences. International Journal of Applied Management Science, 2009, 1, 420.	0.2	10
1802	MECIMPLAN: an agent-based methodology for planning. International Journal of Intelligent Information and Database Systems, 2009, 3, 125.	0.3	0
1803	A knowledge discovery method based on genetic-fuzzy systems for obtaining consumer behaviour patterns. An empirical application to a Web-based trust model. International Journal of Management and Decision Making, 2009, 10, 402.	0.1	9
1804	A strategic product portfolio management methodology considering R&D resource constraints for engineering-to-order industries. International Journal of Technology Management, 2009, 48, 258.	0.5	8
1805	Courseware design and assessment methodology by fuzzy theory - A case study of energy saving course. , 2009, , .		2
1806	A method of constraint retranslation for computing with words. , 2010, , .		0
1807	Evaluation of optimum FRP trawler type using symmetrical fuzzy collaborative optimization. , 2010, , .		0
1808	Expectation formulas for reduced fuzzy variables. , 2010, , .		1
1809	Effectiveness and relevancy measures under modal cardinality for interval-valued fuzzy sets. , 2010, , .		1
1810	A consistent algorithm based on similarity measure with thresholds. , 2010, , .		0
1811	Visual Information Processing for Forensic Studies in Engineering. , 2010, , .		0
1812	Supply Chain Disruption Risk Evaluation Based on TOPSIS Method with Sensitivity Analyses. , 2010, , .		1
1813	Covering based approximation – a new type approach. International Journal of Computational Vision and Robotics, 2010, 1, 335.	0.3	0
1814	A hybrid approach with fuzzy logic in a multi-agent system for controlling autonomous mobile robots in known environments. International Journal of Intelligent Engineering Informatics, 2010, 1, 21.	0.1	4
1815	Trade credit evaluation for Taiwan's broadband communications equipment manufacturers. International Journal of Management and Decision Making, 2010, 11, 37.	0.1	6
1816	Estimating and improving electricity demand function in residential sector with imprecise data by fuzzy regression. International Journal of Mathematics in Operational Research, 2010, 2, 405.	0.2	9
1817	A fuzzy-AHP-based framework for prioritising benchmarks in the service sector. International Journal of Productivity and Quality Management, 2010, 5, 452.	0.2	7

#	Article	IF	Citations
1818	A filtering and recommender system for e-scholars. International Journal of Technology Enhanced Learning, 2010, 2, 227.	0.7	14
1819	Fuzzy Bayesian system reliability assessment based on Pascal distribution. Structural and Multidisciplinary Optimization, 2010, 40, 467-475.	3.5	10
1820	One-sample tests for a generalized Fréchet variance of a fuzzy random variable. Metrika, 2010, 71, 185-202.	0.8	31
1821	Group decision making process for supplier selection with VIKOR under fuzzy environment. Expert Systems With Applications, 2010, 37, 24-30.	7.6	504
1822	Soft consensus model based on coincidence between positive and negative ideal degrees of agreement under a group decision-making fuzzy environment. Expert Systems With Applications, 2010, 37, 3977-3985.	7.6	18
1823	Fuzzy assessment for sampling survey defuzzification by signed distance method. Expert Systems With Applications, 2010, 37, 7852-7857.	7.6	14
1824	Adaptive-expectation based multi-attribute FTS model for forecasting TAIEX. Computers and Mathematics With Applications, 2010, 59, 795-802.	2.7	17
1825	Managing the consensus in group decision making in an unbalanced fuzzy linguistic context with incomplete information. Knowledge-Based Systems, 2010, 23, 169-181.	7.1	289
1826	Robustness of fuzzy operators in environments with random perturbations. Soft Computing, 2010, 14, 1339-1348.	3.6	6
1827	Generalized Extension Principle. Fuzzy Optimization and Decision Making, 2010, 9, 31-68.	5.5	21
1828	Hahn-Banach extension theorems over the space of fuzzy elements. Fuzzy Optimization and Decision Making, 2010, 9, 143-168.	5.5	6
1829	A Target-Based Decision-Making Approach to Consumer-Oriented Evaluation Model for Japanese Traditional Crafts. IEEE Transactions on Engineering Management, 2010, 57, 575-588.	3.5	35
1830	Defining Quality-Measurable Medical Alerts From Incomplete Data Through Fuzzy Linguistic Variables and Modifiers. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 916-922.	3.2	4
1831	Counselling: Decision Making, Consensus, and Mediation. Procedia, Social and Behavioral Sciences, 2010, 5, 1770-1776.	0.5	1
1833	Video sequence motion tracking by fuzzification techniques. Applied Soft Computing Journal, 2010, 10, 318-331.	7.2	43
1834	Optimal selection of robots by using distance based approach method. Robotics and Computer-Integrated Manufacturing, 2010, 26, 500-506.	9.9	91
1835	Decider: A fuzzy multi-criteria group decision support system. Knowledge-Based Systems, 2010, 23, 23-31.	7.1	144
1836	Dealing with incomplete information in a fuzzy linguistic recommender system to disseminate information in university digital libraries. Knowledge-Based Systems, 2010, 23, 32-39.	7.1	187

#	Article	IF	Citations
1837	Quantitative domains via fuzzy sets: Part I: Continuity of fuzzy directed complete posets. Fuzzy Sets and Systems, 2010, 161, 973-987.	2.7	74
1838	Advanced fuzzy inference engines in situation aware computing. Fuzzy Sets and Systems, 2010, 161, 498-521.	2.7	16
1839	Fuzzy vectors as a tool for modeling uncertain multidimensional quantities. Fuzzy Sets and Systems, 2010, 161, 1585-1603.	2.7	7
1840	Continuity issues of the implicational interpretation of fuzzy rules. Fuzzy Sets and Systems, 2010, 161, 1959-1972.	2.7	24
1841	A prototype-based rule inference system incorporating linear functions. Fuzzy Sets and Systems, 2010, 161, 2831-2853.	2.7	10
1842	Reduction about approximation spaces of covering generalized rough sets. International Journal of Approximate Reasoning, 2010, 51, 335-345.	3.3	156
1843	Decision making with imprecise parameters. International Journal of Approximate Reasoning, 2010, 51, 869-882.	3.3	3
1844	Fuzzy integrated vulnerability assessment model for critical facilities in combating the terrorism. Expert Systems With Applications, 2010, 37, 3561-3573.	7.6	60
1845	Fuzzy logic control with genetic membership function parameters optimization for the output regulation of a servomechanism with nonlinear backlash. Expert Systems With Applications, 2010, 37, 4368-4378.	7.6	93
1846	Framework for eliciting knowledge for a medical laboratory diagnostic expert system. Expert Systems With Applications, 2010, 37, 5009-5016.	7.6	21
1847	Choosing the appropriate order in fuzzy time series: A new N-factor fuzzy time series for prediction of the auto industry production. Expert Systems With Applications, 2010, 37, 5630-5639.	7.6	27
1848	Development of an adaptive neuro-fuzzy classifier using linguistic hedges: Part 1. Expert Systems With Applications, 2010, 37, 6093-6101.	7.6	129
1849	A method for multiple attribute group decision making based on the ET-WG and ET-OWG operators with 2-tuple linguistic information. Expert Systems With Applications, 2010, 37, 7895-7900.	7.6	239
1850	Application of a combined fuzzy multiple criteria decision making and optimization programming model to the container transportation demand split. Applied Soft Computing Journal, 2010, 10, 1080-1086.	7.2	11
1851	An analytic hierarchy process approach with linguistic variables for selection of an R&D strategic alliance partner. Computers and Industrial Engineering, 2010, 58, 278-287.	6.3	47
1852	Analysis and design of time-variant fuzzy systems based on dynamic fuzzy inference. Computers and Mathematics With Applications, 2010, 60, 464-489.	2.7	8
1853	A fuzzy varying coefficient model and its estimation. Computers and Mathematics With Applications, 2010, 60, 1696-1705.	2.7	9
1854	Using QFD and ANP to analyze the environmental production requirements in linguistic preferences. Expert Systems With Applications, 2010, 37, 2186-2196.	7.6	110

#	ARTICLE	IF	CITATIONS
1855	Evaluating process performance based on the incapability index for measurements with uncertainty. Expert Systems With Applications, 2010, 37, 5999-6006.	7.6	3
1857	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.	6.9	20
1858	Approximate robotic mapping from sonar data by modeling perceptions with antonyms. Information Sciences, 2010, 180, 4164-4188.	6.9	14
1859	Approximate Characterization of Some Fundamental Concepts of Spatial Analysis. Geographical Analysis, 1982, 14, 29-40.	3.5	29
1860	Modeling Constraints and Anticipation: Linguistic Variables, Foresightâ€Hindsight, and Relative Alternative Attractiveness. Geographical Analysis, 1982, 14, 347-355.	3.5	5
1861	On the Imprecision of Boundaries. Geographical Analysis, 1987, 19, 125-151.	3.5	95
1862	Applying Fuzzy Bayesian Maximum Entropy to Extrapolating Deterioration in Repairable Systems. , 0, , .		2
1863	Risk Assessment of Marine LNG Operations. , 0, , .		0
1864	A computational method for fuzzy arithmetic operations. Daffodil International University Journal of Science and Technology, 2010, 4, 18-22.	0.1	14
1865	A Dynamic Sensory Quality Evaluation Model Based on Panel Data and Linguistic Information Processing. Applied Mechanics and Materials, 2010, 44-47, 3741-3745.	0.2	1
1866	High-order difference heuristic model of fuzzy time series based on particle swarm optimization and information entropy for stock markets. , 2010, , .		5
1867	Stability analysis of discrete type-2 TSK fuzzy systems with interval uncertainty. , 2010, , .		3
1868	Fuzzy generalized aggregation operators in a unified model between the probability, the weighted average and the OWA operator. , 2010, , .		1
1869	Modelling of dynamic micromilling cutting forces using type-2 fuzzy rule-based system. , 2010, , .		9
1870	A fuzzy Choquet integral with an interval type-2 fuzzy number-valued integrand. , 2010, , .		21
1871	Fuzzy sets for purchase planning in uncertain conditions. , 2010, , .		0
1872	Models and customer-centric system performance measures using fuzzy reliability. , 2010, , .		1
1873	Method for supplier selections with linguistic assessment information. , 2010, , .		0

#	Article	IF	Citations
1874	Pricing Asian options using fuzzy sets theory. , 2010, , .		1
1875	Probability density function and fuzzy system based on a set of input - output data. , 2010, , .		0
1876	Linguistic approach to time series analysis and forecasts. , 2010, , .		3
1877	Wall Static Pressure Variation in Sudden Expansion in Cylindrical Ducts with Supersonic Flow: A Fuzzy Logic Approach. , 2010, , .		3
1878	Wall Static Pressure Variation in Sudden Expansion in Flow Through De Laval Nozzles at Mach 1.74 And 2.23: A Fuzzy Logic Approach. , 2010, , .		2
1879	Fuzzy TSK approximation using type-2 fuzzy logic systems and its application to modeling a photovoltaic array. , 2010, , .		14
1880	Collecting fuzzy perceptions from non-expert users. , 2010, , .		8
1881	Hedge Algebraic Type-2 Fuzzy Sets. , 2010, , .		2
1882	Design of an adaptive interval type-2 fuzzy logic controller for the position control of a servo system with an intelligent sensor. , 2010, , .		18
1883	Fuzzy Nash equilibrium in fuzzy games using ranking fuzzy numbers. , 2010, , .		2
1884	Type-2 fuzzy load regulation of a servomechanism with backlash using only motor position measurements. , 2010, , .		3
1885	A NEW FUZZY ADDITIVE RATIO ASSESSMENT METHOD (ARASâ€Ÿ). CASE STUDY: THE ANALYSIS OF FUZZY MULTIPLE CRITERIA IN ORDER TO SELECT THE LOGISTIC CENTERS LOCATION. Transport, 2010, 25, 423-432.	1.2	172
1886	Using soft constraints to learn semantic models of descriptions of shapes. , 2010, , .		0
1887	Syntax learning for the description of scenes composed of geometric shapes. , 2010, , .		2
1888	Crude oil price forecasting using fuzzy time series. , 2010, , .		4
1889	A decision method based on uncertainty reasoning of linguistic truth-valued concept lattice. International Journal of General Systems, 2010, 39, 235-253.	2.5	11
1890	Linguistic set-valued decision making based on LWA operator. , 2010, , .		1
1891	A genetic algorithm approach to fuzzy quadratic bilevel programming. , 2010, , .		4

#	Article	IF	Citations
1892	eSurvia: A web-based survey service using fuzzy conjoint analysis. , 2010, , .		1
1893	A Review on Information Accessing Systems Based on Fuzzy Linguistic Modelling. International Journal of Computational Intelligence Systems, 2010, 3, 420-437.	2.7	42
1894	Complex Fuzzy Reasoning Schemes. , 2010, , .		2
1895	Hybrid conjugate gradient method for solving fuzzy nonlinear equations. , 2010, , .		2
1896	Notice of Retraction: Second-order difference heuristic model of fuzzy time series based on particle swarm optimization. , 2010, , .		1
1897	Maintaining the Diversity of Michigan-Style Approaches for Construction Fuzzy Classification System. , 2010, , .		0
1898	Learning fuzzy rules for modeling complex classification systems using genetic algorithms. , 2010, , .		1
1899	Lessons Learned From Soft Computing Applications At SCK-CEN. International Journal of Computational Intelligence Systems, 2010, 3, 249-255.	2.7	4
1900	A Multidimensional Interval-Valued Fuzzy Reasoning Method Based on OWA Operator. , 2010, , .		0
1901	An image segmentation approach based on histogram analysis utilizing cloud model. , 2010, , .		11
1902	A fuzzy MCDM model for knowledge service vendor evaluation and selection. , 2010, , .		0
1903	A classification algorithm based on simplified fuzzy rules base. , 2010, , .		0
1904	A MODEL BASED ON FUZZY LINGUISTIC INFORMATION TO EVALUATE THE QUALITY OF DIGITAL LIBRARIES. International Journal of Information Technology and Decision Making, 2010, 09, 455-472.	3.9	33
1905	An Adaptive Thresholds Method for Gray-Level Image Segmentation Using Type-II Fuzzy Sets. , 2010, , .		0
1906	Notice of Retraction: A Novel Forecasting Model of Fuzzy Time Series Based on K-means Clustering. , 2010, , .		13
1907	QoS-based Late-Binding of Service Invocations in Adaptive Business Processes. , 2010, , .		13
1908	THE FUZZY GENERALIZED OWA OPERATOR AND ITS APPLICATION IN STRATEGIC DECISION MAKING. Cybernetics and Systems, 2010, 41, 359-370.	2.5	119
1909	The evidential reasoning approach to synthesizing linguistic judgment information of experts under incomplete information. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
1910	Computing with Words in Decision support Systems: An overview on Models and Applications. International Journal of Computational Intelligence Systems, 2010, 3, 382-395.	2.7	240
1911	Type-2 Fuzzy Sets as Functions on Spaces. IEEE Transactions on Fuzzy Systems, 2010, 18, 841-844.	9.8	89
1912	A simplified learning algorithm for interval type-2 fuzzy neural network. , 2010, , .		0
1913	Interval type-2 fuzzy neural network for ball and beam systems. , 2010, , .		1
1914	A consensus support methodology for the initial self-assessment of the EFQM Excellence Model in healthcare organisations. , 2010, , .		0
1915	Cooperative STBC with fuzzy election applied to surveillance wireless video sensor networks. , 2010, , .		0
1916	A Decision Support System framework for innovation management. , 2010, , .		2
1917	Evolutionary design of Fuzzy Logic Controllers with the techniques Artificial Neural Network and Genetic Algorithm for cart-pole problem. , 2010, , .		1
1918	Implementation and performance evaluation using the fuzzy network balanced scorecard. Computers and Education, 2010, 55, 188-201.	8.3	147
1919	Risk assessment model for the railway reconstruction project in Taiwan. , 2010, , .		2
1920	Linguisitc representation of Nash equilibriums in fuzzy games. , 2010, , .		2
1921	Type 1 and type 2 fuzzy TSK modeling of solar radiation for PV power generation. , 2010, , .		4
1922	Approximate Reasoning Based on Interval-valued Intuitionistic Fuzzy Sets. , 2010, , .		0
1923	Interval Type-2 Fuzzy Logic for Control Applications. , 2010, , .		9
1924	Indirect adaptive interval type-2 fuzzy output feedback controller for MIMO nonlinear systems. , 2010, , .		1
1925	Simulation and Optimization of Furnaces and Kilns for Nonferrous Metallurgical Engineering. , 2010, , .		6
1926	Notice of Retraction: A Modified Model of Fuzzy Time Series for Forecasting Exchange Rates. , 2010, , .		2
1927	Using Type-2 fuzzy function for diagnosing brain tumors based on image processing approach. , 2010, , .		2

#	Article	IF	Citations
1928	Fuzzy multiple attribute decision making under conflicting condition. , 2010, , .		0
1929	A fuzzy assessment model applied on service quality of e-commerce. , 2010, , .		0
1930	Integration of an Index to Preserve the Semantic Interpretability in the Multiobjective Evolutionary Rule Selection and Tuning of Linguistic Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2010, 18, 515-531.	9.8	141
1931	A fuzzy matching based recommendation approach for mobile products/services. , 2010, , .		1
1932	Spatio-temporal data clustering based on type-2 fuzzy sets and cloud models. , 2010, , .		0
1933	Pliant control system: Implementation. , 2010, , .		2
1934	The Advancement of Niche Concepts and Their Modellings. , 2010, , .		0
1935	Ordered fuzzy weighted averages and ordered linguistic weighted averages. , 2010, , .		7
1936	A probabilistic approach to Kansei Profile generation in Kansei engineering. , 2010, , .		1
1937	Distribution transformer load modeling with interval Type-2 Fuzzy Sets. , 2010, , .		3
1938	Identification of Question and Non-Question Segments in Arabic Monologue Based on Prosodic Features Using Type-2 Fuzzy Logic Systems. , 2010, , .		1
1939	Selecting a CMOS sensor by using a fuzzy MCDM framework. , 2010, , .		0
1940	Fuzzy Compositional Modeling. IEEE Transactions on Fuzzy Systems, 2010, 18, 823-840.	9.8	35
1941	Government performance evaluation using a balanced scorecard with a fuzzy linguistic scale. Service Industries Journal, 2010, 30, 449-462.	8.3	30
1942	Elements of Sketching with Words. , 2010, , .		15
1943	Genetic Interval Type-2 Fuzzy Classifier Generation: A Comparative Approach. , 2010, , .		3
1944	A Web based evaluation support system by integral performance appraisal. , 2010, , .		3
1945	Simple Type-2 T-S Fuzzy Control System for gyros. , 2010, , .		1

#	Article	IF	Citations
1946	Transitive closure of L-fuzzy relations and interval-valued fuzzy relations. , 2010, , .		3
1947	Information Theoretic fuzzy modeling for regression. , 2010, , .		2
1948	A collection operator for type-2 fuzzy logic systems. , 2010, , .		0
1949	Measuring information and knowledge in the context of Atanassov's intuitionistic fuzzy sets. , 2010, , .		1
1950	Specificity for interval-valued fuzzy sets. , 2010, , .		0
1951	A multi-granluar linguistic QoS model for networking. , 2010, , .		0
1952	A fuzzy linguistic quality evaluation model for digital libraries. , 2010, , .		1
1953	Linguistic Fuzzy Logic Enhancement of a Trust Mechanism for Distributed Networks. , 2010, , .		13
1954	Fuzzy Composite Concepts based on human reasoning. , 2010, , .		10
1955	A direct solution for obtaining a priority vector from interval pairwise comparison matrix. , 2010, , .		0
1956	An integrated fuzzy approach for the selection of outsourcing manufacturing partners in pharmaceutical R&D. International Journal of Production Research, 2010, 48, 7483-7506.	7.5	58
1957	A new type of computational verb gain-scheduling PID controller. , 2010, , .		3
1958	Using Soft Constraints to Interpret Descriptions of Shapes. , 2010, , .		2
1959	A nonadditive multiattribute evaluation model using Kansei data. , 2011, , .		0
1960	Dynamic uncertain linguistic weighted harmonic mean operators applied to decision making. , 2011, , .		4
1961	Interval-Valued Intuitionistic Fuzzy Implications. , 2011, , .		5
1962	Modeling innovation in international business with respect to the cultural distance using interval type-2 fuzzy sets. , 2011, , .		0
1963	Clustering data and imprecise concepts. , 2011, , .		1

#	Article	IF	Citations
1964	Application of type-2 fuzzy logic to healthcare literature search at point of care. , 2011, , .		4
1965	TasteIT Analyzing chemical sensor data using fuzzy logic. , 2011, , .		0
1966	Analysis of the impact of using different diversity functions for the subgroup discovery algorithm NMEEF-SD. , 2011, , .		2
1967	OLAP navigation in the Granular Linguistic Model of a Phenomenon. , 2011, , .		2
1968	Simultaneous design of membership functions and rule sets for type-2 fuzzy controllers using genetic algorithms. , 2011, , .		6
1969	Interval type-2 fuzzy T-S modeling for a heat exchange process on CE117 Process Trainer. , 2011, , .		1
1970	Experimental evaluation of a type-2 fuzzy control algorithm on an Anti-Lock Braking System. , 2011, , .		1
1971	Fuzzy set-theoretical approach for comparing objects with fuzzy attributes. , 2011, , .		3
1972	An extended soft set model: Type-2 fuzzy soft sets. , 2011, , .		3
1973	On Interval Fuzzy Numbers. , 2011, , .		25
1974	Fuzzy present value. , 2011, , .		1
1975	Need for causal modeling approximations. , 2011, , .		0
1976	Notice of Retraction: A fuzzy quantitative method for credibility grades of service trust. , 2011, , .		0
1977	Performance Analysis of Service Composition Based on Fuzzy Differential Equations. IEEE Transactions on Fuzzy Systems, 2011, 19, 164-178.	9.8	14
1978	Evaluating uncertainty resiliency of Type-2 Fuzzy Logic Controllers for parallel delta robot. , 2011, , .		10
1979	An evolutionary multi-objective modeling and solution approach for fuzzy vehicle routing problem. , 2011, , .		2
1980	Rule-based classification by means of bipolar criteria. , 2011, , .		4
1981	Stability analysis of linear linguistic control systems. , 2011, , .		1

#	Article	IF	Citations
1982	Feature evaluation based Fuzzy C-Mean classification. , 2011, , .		3
1983	A method for constructing Hedge Algebraic Type-2 Fuzzy Logic Systems. , 2011, , .		1
1984	Conjugate and Dual Constructions on Interval Functions. , 2011, , .		1
1985	Linguistic reporting of driver behavior: Summary and event description. , 2011, , .		8
1986	Application of TOPSIS method for evaluating the temporal dimensions of Marand City in urban design. , 2011, , .		0
1987	A study on multicriteria recommender system using implicit feedback and fuzzy linguistic approaches. , 2011, , .		2
1988	Selection of Service Adaptation Strategies Based on Fuzzy Logic. , 2011, , .		21
1989	Boosting social networks in Social Network-Based Recommender System. , 2011, , .		6
1990	Combining Linguistic Values and Semantics to Represent User Preferences. , 2011, , .		6
1991	FUZZY STUDIES. Common Knowledge, 2011, 17, 441-449.	0.1	8
1992	Position Paper: Pragmatics in Fuzzy Theory. Lecture Notes in Computer Science, 2011, , 135-138.	1.3	1
1994	Neuro-Fuzzy Quantification of Personal Perceptions of Facial Images Based on a Limited Data Set. IEEE Transactions on Neural Networks, 2011, 22, 2422-2434.	4.2	15
1995	Interpreting fuzzy set operations and Multi Level Agreement in a Computing with Words context. , 2011, , .		1
1996	Short term load forecasting using Interval Type-2 Fuzzy Logic Systems. , 2011, , .		23
1997	Multi-attribute decision making models under interval type-2 fuzzy environment. , 2011, , .		4
1998	System identification of a Non-Linear Continuous Stirred Tank Heater based on Type-2 Fuzzy System. , 2011, , .		8
1999	New computation approach for fuzzy group decision-making. , 2011, , .		0
2000	Selection of end user in supply chain network using Fuzzy-Pareto approach. , 2011, , .		0

#	Article	IF	Citations
2001	MULTIPLE CRITERIA DECISION MAKING (MCDM) METHODS IN ECONOMICS: AN OVERVIEW / DAUGIATIKSLIAI SPRENDIMÅ² PRIÄ—MIMO METODAI EKONOMIKOJE: APÅ½VALGA. Technological and Economic Development of Economy, 2011, 17, 397-427.	4.6	549
2002	Maximum Power Point Tracking of Photovoltaic Generation Based on the Type 2 Fuzzy Logic Control Method. Energy Procedia, 2011, 12, 538-546.	1.8	15
2003	A novel interval-valued fuzzy MCDM method for improving airlinesâ€™ service quality in Chinese cross-strait airlines. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 1177-1193.	7.4	100
2004	Interval type-2-based thyristor controlled series capacitor to improve power system stability. IET Generation, Transmission and Distribution, 2011, 5, 209.	2.5	41
2005	Data Quality Enhancement Technology to Improve Decision Support. , 2011, , .		1
2006	Two Population-Based Heuristic Search Algorithms and Their Applications. , 0, , .		0
2007	A Fuzzy Comprehensive Approach for Risk Identification and Prioritization Simultaneously in EPC Projects. , 2011, , .		11
2008	Performance Evaluating of IT Department Using a Modified Fuzzy TOPSIS and BSC Methodology (Case) Tj ETQq1 1 0.784314 rgBT /O	0.0	4
2009	Design and Simulation of Time-Pulse Coded Optoelectronic Neural Elements and Devices. , 0, , .		7
2010	The Logic of Diagnosis. , 2011, , 357-424.		8
2011	The Application of Fuzzy TOPSIS Approach to Personnel Selection for Padir Company, Iran. Journal of Management Research, 2011, 3, .	0.0	21
2012	Modelling of FMS control policy: AIS-based fuzzy expert system. International Journal of Industrial and Systems Engineering, 2011, 8, 38.	0.2	8
2013	A new method for redundancy optimisation problem with fuzzy random lifetime. International Journal of Operational Research, 2011, 12, 121.	0.2	4
2014	On the generalized fuzzy-valued measures. , 2011, , .		0
2015	Comparison between interval type-2 fuzzy sets based on a fuzzy preference relation with probability degree. , 2011, , .		0
2016	A study on collaborative recommender system using fuzzy-multicriteria approaches. International Journal of Business Information Systems, 2011, 7, 419.	0.2	12
2017	Cooperative STBC with fuzzy election applied to surveillance wireless video sensor networks. International Journal of Communication Networks and Distributed Systems, 2011, 7, 293.	0.4	1
2018	A comparative assessment of fuzzy regression models: the case of oil consumption estimation. International Journal of Industrial and Systems Engineering, 2011, 7, 195.	0.2	6

#	Article	IF	Citations
2019	Rough Truth Degrees of Formulas and Approximate Reasoning in Rough Logic. Fundamenta Informaticae, 2011, 107, 67-83.	0.4	9
2020	Food processing optimization using evolutionary algorithms. African Journal of Biotechnology, 2011, 10, .	0.6	7
2021	Convex Vague Sets with Respect to a t-Norm. , 2011, , .		0
2022	New fuzzy indices of poverty by distinguishing three levels of poverty. Research in Economics, 2011, 65, 221-231.	0.8	20
2023	A review of developments in fuzzy system models: Fuzzy rule bases to fuzzy functions. Scientia Iranica, 2011, 18, 522-527.	0.4	8
2024	Reflections on some important contributions made by Lotfi A. Zadeh that have impacted my own research. Scientia Iranica, 2011, 18, 549-553.	0.4	2
2025	On fuzzy logic and cognitive computing: Some perspectives. Scientia Iranica, 2011, 18, 590-592.	0.4	7
2026	A Linguistic Screening Evaluation Model in New Product Development. IEEE Transactions on Engineering Management, 2011, 58, 165-175.	3.5	22
2027	Possibilistic Soil Roughness Identification for Uncertainty Reduction on SAR-Retrieved Soil Moisture. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 628-638.	6.3	12
2028	Application of fuzzy logic rules during operation of electrotechnical equipment. Russian Electrical Engineering, 2011, 82, 632-637.	0.6	3
2029	Design of interval type-2 fuzzy models through optimal granularity allocation. Applied Soft Computing Journal, 2011, 11, 5590-5601.	7.2	107
2030	Using hybrid MCDM to evaluate the service quality expectation in linguistic preference. Applied Soft Computing Journal, 2011, 11, 4551-4562.	7.2	60
2031	Estimation of efficiency and noise-immunity of radio communication system on a basis of linguistic diagnosis. Radioelectronics and Communications Systems, 2011, 54, 510-516.	0.5	0
2032	Importance–performance analysis of municipal solid waste management in uncertainty. Environmental Monitoring and Assessment, 2011, 172, 171-187.	2.7	44
2033	Using hybrid method to evaluate the green performance in uncertainty. Environmental Monitoring and Assessment, 2011, 175, 367-385.	2.7	61
2034	Optimization of interval type-2 fuzzy logic controllers using evolutionary algorithms. Soft Computing, 2011, 15, 1145-1160.	3.6	117
2035	A multi-criteria customer allocation problem in supply chain environment: An artificial immune system with fuzzy logic controller based approach. Expert Systems With Applications, 2011, 38, 3199-3208.	7.6	24
2036	A fuzzy multi-criteria decision making model for supplier selection. Expert Systems With Applications, 2011, 38, 8384-8391.	7.6	291

#	Article	IF	Citations
2037	Optimistic and pessimistic decision making with dissonance reduction using interval-valued fuzzy sets. Information Sciences, 2011, 181, 479-502.	6.9	58
2038	Simulation of the bird age-structured population growth based on an interval type-2 fuzzy cellular structure. Information Sciences, 2011, 181, 519-535.	6.9	92
2039	Interval-valued -fuzzy K-algebras. Applied Soft Computing Journal, 2011, 11, 1213-1222.	7.2	12
2040	Finite element analysis with uncertain probabilities. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 114-129.	6.6	21
2041	Decision making with extended fuzzy linguistic computing, with applications to new product development and survey analysis. Expert Systems With Applications, 2011, 38, 14052-14052.	7.6	27
2042	Lattices of fuzzy sets and bipolar fuzzy sets, and mathematical morphology. Information Sciences, 2011, 181, 2002-2015.	6.9	65
2043	Determination of Î±-resolution in lattice-valued first-order logic LF(X). Information Sciences, 2011, 181, 1836-1862.	6.9	32
2044	Uncertainty measures for general Type-2 fuzzy sets. Information Sciences, 2011, 181, 503-518.	6.9	143
2045	Systemic approach to fuzzy logic formalization for approximate reasoning. Information Sciences, 2011, 181, 1045-1059.	6.9	45
2046	A Note on Z-numbers. Information Sciences, 2011, 181, 2923-2932.	6.9	892
2047	A hierarchical model of a linguistic variable. Information Sciences, 2011, 181, 4394-4408.	6.9	13
2048	A hybrid forecasting model for enrollments based on aggregated fuzzy time series and particle swarm optimization. Expert Systems With Applications, 2011, 38, 8014-8023.	7.6	78
2049	A probabilistic model for linguistic multi-expert decision making involving semantic overlapping. Expert Systems With Applications, 2011, 38, 8901-8912.	7.6	17
2050	Dynamic system modeling using a recurrent interval-valued fuzzy neural network and its hardware implementation. Fuzzy Sets and Systems, 2011, 179, 83-99.	2.7	30
2051	A feedback based CRI approach to fuzzy reasoning. Applied Soft Computing Journal, 2011, 11, 1241-1255.	7.2	24
2052	Confidence value prediction of DNA sequencing with Petri net model. Journal of King Saud University - Computer and Information Sciences, 2011, 23, 79-89.	3.9	8
2053	Granular interval type-2 membership functions and modeling application on a nonlinear system. , 2011, , .		2
2054	Using memory to reduce the information overload in a university digital library. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
2055	A MAS supporting intercultural knowledge management. , 2011, , .		0
2056	A Method for Linguistic Multiple Attribute Decision Making Based on TODIM. , 2011, , .		7
2057	Fuzzy mathematics representation for key variables of logistics reputation evaluation. , 2011, , .		0
2058	Design of interval type-2 fuzzy logic controllers for flocking algorithm. , 2011, , .		3
2059	Expert decision making method based on uncertain linguistic variables. , 2011, , .		3
2060	Uncertainty modeling with Interval Type-2 Fuzzy Logic Systems in mobile robotics. , 2011, , .		1
2061	A Method for Group Decision Making with Multi-Granularity Interval Reciprocal Linguistic Judgment Matrix. , 2011, , .		0
2062	Building models based on environment with hybrid uncertainty. , 2011, , .		2
2063	A research on employing fuzzy composite concepts based on human reasoning through singleton and non-singleton fuzzification. , 2011, , .		1
2064	Tool wear prediction using evolutionary Dynamic Fuzzy Neural (EDFNN) Network. , 2011, , .		4
2065	Decentralized fuzzy fault tolerant control for multiple satellites attitude synchronization. , 2011, , .		5
2066	Optimal input selection for neural fuzzy modelling with application to Charpy energy prediction. , 2011, , .		2
2067	Fuzzy multiattribute evaluation of airport performance. , 2011, , .		3
2068	An approach based on Takagi-Sugeno Fuzzy Inference System applied to the operation planning of hydrothermal systems. , 2011, , .		4
2069	Stereo vision-based self-localization system for RoboCup. , 2011, , .		3
2070	Classification and Quality Evaluation of Tobacco Leaves Based on Image Processing and Fuzzy Comprehensive Evaluation. Sensors, 2011, 11, 2369-2384.	3.8	51
2071	Granular Box Regression. IEEE Transactions on Fuzzy Systems, 2011, 19, 1141-1152.	9.8	28
2072	A linear Goal Programming approach to multiobjective fractional programming with interval parameter sets. International Journal of Mathematics in Operational Research, 2011, 3, 697.	0.2	18

#	ARTICLE	IF	CITATIONS
2073	Fuzzy Modeling of Imprecise Material Parameters in the Analysis of Metal Matrix Composite Structures. , 2011, , .		1
2074	Review of Fuzzy Set Theory Applications in Safety Assessment for Marine and Offshore Industries. , 2011, , .		3
2075	Correlation coefficient of interval-valued intuitionistic fuzzy sets. , 2011, , .		8
2076	The determination of students' fuzzy rating points and qualification levels. International Journal of Industrial and Systems Engineering, 2011, 9, 3.	0.2	15
2077	Granular structure of interval-valued fuzzy approximation space. , 2011, , .		0
2078	Research on automobile sketch design based on image cognition model. , 2011, , .		1
2079	Non-stationary interval type-2 fuzzy logic systems. , 2011, , .		1
2080	A novel fuzzy recommendation system integrated the experts' opinion. , 2011, , .		6
2081	MULTIMOORA FOR THE EU MEMBER STATES UPDATED WITH FUZZY NUMBER THEORY / NERAIÅKIÅ²JÅ² SKAIÄŒEIU TEORIJA PAPILDYTAS MULTIMOORA METODAS EUROPOS SÄ„JUNGOS VALSTYBIÅ² NARIÅ² IÅSIVYSTYMO VERTINIMUI. Technological and Economic Development of Economy, 2011, 17, 259-290.	4.6	98
2082	A comparison of non-stationary, type-2 and dual surface fuzzy control. , 2011, , .		7
2083	Causal modeling approximations in the medical domain. , 2011, , .		1
2084	Kansei Feature Analysis for Traditional Crafts. , 2011, , .		0
2085	Learning heterogeneus cooperative linguistic fuzzy rules using local search: Enhancing the COR search space. , 2011, , .		0
2086	New similarity and inclusion measures between type-2 fuzzy sets. , 2011, , .		3
2087	Interval type-2 recurrent fuzzy neural system desing via stable simultaneous perturbation stochastic approximation algorithm. , 2011, , .		1
2088	Noise control in document classification based on fuzzy formal concept analysis. , 2011, , .		6
2089	Look-ahead intelligent energy management of a parallel hybrid electric vehicle. , 2011, , .		8
2090	A multiparameter group decision making method based on the interval-valued intuitionistic fuzzy soft set. , 2011, , .		4

#	Article	IF	Citations
2091	A Fuzzy Logic System for Bargaining in Information Markets. ACM Transactions on Intelligent Systems and Technology, 2012, 3, 1-26.	4.5	15
2092	A DFuzzy-DAHP Decision-Making Model for Evaluating Energy-Saving Design Strategies for Residential Buildings. Energies, 2012, 5, 4462-4480.	3.1	30
2093	A Numerical Scheme to Solve Fuzzy Linear Volterra Integral Equations System. Journal of Applied Mathematics, 2012, 2012, 1-17.	0.9	13
2094	Control Algorithm of Interval-Valued Fuzzy Control. Advanced Materials Research, 2012, 562-564, 2111-2115.	0.3	0
2095	Research on the Sensory Quality Evaluation of Agricultural Food Based on Linguistic Information. Advanced Materials Research, 2012, 424-425, 560-563.	0.3	0
2096	Warren Weaverâ€™s â€œScience and complexityâ€•Revisited. Studies in Fuzziness and Soft Computing, 2012, , 55-87.	0.8	5
2097	Fuzzy multi-criteria decision making method for facility location selection. African Journal of Business Management, 2012, 6, .	0.5	6
2098	A fuzzy integrated approach for the selection of academic papers to a special issue. International Journal of Applied Management Science, 2012, 4, 371.	0.2	4
2099	Summary of the optimal computation of type-2 fuzzy Logic system. , 2012, , .		0
2100	Î±-Generalized lock resolution method in linguistic truth-valued lattice-valued logic. International Journal of Computational Intelligence Systems, 2012, 5, 1120.	2.7	5
2101	A Context Awareness based prediction for remedy system. , 2012, , .		3
2102	A new computationally efficient mamdani interval type-2 fuzzy modelling framework. , 2012, , .		3
2103	Towards a general type-2 fuzzy logic approach for Computing With Words using linear adjectives. , 2012, , .		21
2104	On a certain type of unary operators. , 2012, , .		13
2105	Dimensionality reduction based on fuzzy rough sets oriented to ischemia detection. , 2012, 2012, 5282-5.		13
2106	Fuzzy set and multi descriptions property. , 2012, , .		1
2107	Weak T -transitivity and weak closures of interval-valued fuzzy relations. , 2012, , .		0
2108	An investigation into the relationship between type-2 FOU size and environmental uncertainty in robotic control. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
2109	An interval type-2 fuzzy model for Vehicle Routing Problems in supply chains. , 2012, , .		1
2110	Knowledge editor and execution engine development for optimal ventricular assist device weaning. , 2012, 2012, 1262-5.		0
2111	A multi-objective approach to design of interval type-2 fuzzy logic systems. , 2012, , .		2
2112	Sugeno fuzzy integral generalizations for Sub-normal Fuzzy set-valued inputs. , 2012, , .		17
2113	A deductive method in linguistic reasoning. , 2012, , .		2
2114	Intelligent over current relays based on interval type 2 fuzzy logic approach. , 2012, , .		3
2115	A hybrid system using Possibilistic fuzzy C-mean and Interval type-2 Fuzzy logic for forecasting: A review. , 2012, , .		3
2116	Research on multiple attribute decision method based on linguistic aggregation operators. , 2012, , .		0
2117	Distributed identification of fuzzy confidence intervals for traffic measurements. , 2012, , .		3
2118	Prediction interval construction using interval type-2 Fuzzy Logic systems. , 2012, , .		11
2119	A two-phase fuzzy decision-making method based on multigranular linguistic assessment. African Journal of Business Management, 2012, 6, .	0.5	0
2120	Convexity Invariance of Fuzzy Sets under the Extension Principles. Journal of Function Spaces and Applications, 2012, 2012, 1-13.	0.5	1
2121	An axiomatic approch of interval-valued intuitionistic fuzzy rough sets based on interval-valued intuitionistic fuzzy approximation operators. , 2012, , .		1
2122	Application of integrated fuzzy VIKOR & AHP methodology to contractor ranking. Management Science Letters, 2012, 2, 1511-1526.	1.5	9
2123	Multi-attribute group decision-making (MAGDM) for supplier selection using fuzzy linguistic modelling integrated with VIKOR method. International Journal of Services and Operations Management, 2012, 12, 67.	0.2	18
2124	Chaos sychronization using un-normalized interval type-2 fuzzy neural controller. , 2012, , .		1
2125	Attribute reduction based on interval valued fuzzy granules. , 2012, , .		0
2126	FUZZY COMPOSITE SCORE AND SITUATIONAL JUDGEMENT TEST: AN INTEGRATED OPERATION PERSPECTIVE OF SCORING. , 2012, , 333-355.		1

#	ARTICLE	IF	CITATIONS
2127	Comparison of entity with fuzzy data types in fuzzy object-oriented databases. Integrated Computer-Aided Engineering, 2012, 19, 199-212.	4.6	26
2128	The single-allocation hierarchical hub median location problem with fuzzy demands. African Journal of Business Management, 2012, 6, .	0.5	4
2129	An integration of fuzzy inference systems and Genetic Algorithms for Wireless Sensor Networks. International Journal of Hybrid Intelligent Systems, 2012, 9, 61-74.	1.2	4
2130	Type-2 fuzzy logic control of a DC/DC buck converter. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 103-108.	0.4	10
2131	Performance evaluation of the hospital services - a fuzzy analytic hierarchy process model. International Journal of Productivity and Quality Management, 2012, 10, 112.	0.2	20
2132	Development of a fuzzy multi-criteria facility layout generation model. International Journal of Applied Management Science, 2012, 4, 313.	0.2	6
2133	A fuzzy expert system model to deal with supply chain disturbances. International Journal of Decision Sciences, Risk and Management, 2012, 4, 127.	0.1	5
2134	Investigating features influence in fuzzy modelling of mass perception of non-functional 3D CAD forms. International Journal of Product Development, 2012, 16, 112.	0.2	0
2135	Designing of an interval type-2 fuzzy logic controller for Magnetic Levitation System with reduced rule base. , 2012, , .		14
2136	On the accuracy of input-output uncertainty modeling with interval Type-2 Fuzzy Logic Systems. , 2012, , .		3
2137	Fuzzy logic application in water supply system management: A case study. , 2012, , .		1
2138	A novel approach for generalizing weighted averages for trapezoidal interval type-2 fuzzy sets. , 2012, , .		2
2139	Interval type-2 fuzzy logic controller as a power system stabilizer. , 2012, , .		4
2140	Context modelling in fuzzy systems. , 2012, , .		3
2141	Communities of practice model driven knowledge management in multinational knowledge based enterprises. Journal of Intelligent Manufacturing, 2012, 23, 1707-1720.	7.3	24
2142	A t-norm embedding theorem for fuzzy sets. Fuzzy Sets and Systems, 2012, 209, 33-53.	2.7	2
2143	Optimization of type-2 fuzzy systems based on bio-inspired methods: A concise review. Information Sciences, 2012, 205, 1-19.	6.9	156
2144	A new approach for analysis the fuzzy reliability using LR type interval valued flat vague set. International Journal of Systems Assurance Engineering and Management, 2012, 3, 360-370.	2.4	1

#	Article	IF	Citations
2145	Computational intelligence using Fuzzy Multicriteria Decision Making for DIligenS: Dietary Intelligence System. , 2012, , .		4
2146	Stochastic behavior analysis of complex repairable industrial systems utilizing uncertain data. ISA Transactions, 2012, 51, 752-762.	5.7	47
2147	New Processes of Socialization in Education: Theoretical Analysis, Proposals for Intervention and Formalization with Fuzzy Models. Procedia, Social and Behavioral Sciences, 2012, 46, 4886-4893.	0.5	7
2148	Fuzzy-valued evolution strategy for evolving neural networks with fuzzy weights and biases. , 2012, , .		0
2149	Non-stationary type-2 fuzzy sets. , 2012, , .		0
2150	Presentation of uncertain information with help of canonically conjugate Fuzzy subsets. , 2012, , .		2
2151	Temporal fuzzy association rule mining with 2-tuple linguistic representation. , 2012, , .		17
2152	A Fuzzy Support Vector Machine with Qualitative Regression Preset. , 2012, , .		5
2153	Linguistic decision making with probabilistic information and induced aggregation operators. , 2012, , .		1
2154	Automatic cognate identification based on a fuzzy combination of string similarity measures. , 2012, , .		1
2155	Design of Fuzzy Logic Controller based on TMS320C6713 DSP. , 2012, , .		1
2156	Using genetic algorithm improve the consistency of fuzzy analytic hierarchy process. , 2012, , .		3
2157	Powers of indistinguishability operators. , 2012, , .		1
2158	Multi-objective optimisation for fuzzy modelling using interval type-2 fuzzy sets. , 2012, , .		4
2159	Qualitative group decision making process by applying an innovative fuzzy-neural approach. , 2012, , .		0
2160	A heuristic pricing formula of fuzzy lookback options in uncertain environment. , 2012, , .		0
2161	A quantitative approach to evaluation of services: GTM-based visualization and fuzzy AHP approach. , 2012, , .		0
2162	Interval intuitionistic fuzzy-valued Sugeno integral. , 2012, , .		2

#	Article	IF	Citations
2163	Implementation of interval type-2 fuzzy systems with analog modules. , 2012, , .		2
2164	A no-reference computer-generated images quality metric and its application to denoising. , 2012, , .		11
2165	Interval-valued fuzzy graph representation of concept lattice. , 2012, , .		20
2166	A review of developments from fuzzy rule bases to fuzzy functions. , 2012, , .		4
2167	Notification of data-stream events in Publish/Subscribe systems using fuzzy matching. , 2012, , .		1
2168	A hybrid approach to develop an interval type-2 fuzzy logic system. , 2012, , .		5
2169	T-Transitive Interval-Valued Fuzzy Relations for Clustering. , 2012, , .		1
2170	Linguistic reasoning based on generalized modus ponens with linguistic modifiers and hedge moving rules. , 2012, , .		6
2171	Speckle noise reduction using an interval type-2 fuzzy sets filter. , 2012, , .		2
2172	INTEGRATED FUZZY MULTIPLE CRITERIA DECISION MAKING MODEL FOR ARCHITECT SELECTION / INTEGRUOTAS NERAIÅKUSIS DAUGIATIKSLIS SPRENDIMÅ² PRIÄ—MIMO MODELIS ARCHITEKTUI ATRINKTI. Technological and Economic Development of Economy, 2012, 17, 645-666.	4.6	217
2173	An Auto-adaptive Fuzzy based Cerebellar Model Articulation Controller for eye movement. , 2012, , .		1
2174	An Auto-adaptive Fuzzy based inspiration of cerebellar cortex for dyslexic ocular motor control. , 2012, , .		0
2175	AFCMAC: An Auto-Adaptive Fuzzy CCMAC for oculomotor system. , 2012, , .		0
2176	Traffic prediction using a Generic Self-Evolving Takagi-Sugeno-Kang (GSETSK) fuzzy neural network. , 2012, , .		2
2177	Measuring consumer loyalty of B2C e-retailing service by: A FANP-based synthetic model. , 2012, , .		0
2178	A preliminary study on missing data imputation in evolutionary fuzzy systems of subgroup discovery. , 2012, , .		2
2179	Web Service Matchmaking Based on Linguistic Variables. Physics Procedia, 2012, 33, 236-243.	1.2	1
2183	Fuzzy-temporal database ontology and relational database model. , 2012, , .		3

#	Article	IF	Citations
2184	Improving cyber-security of smart grid systems via anomaly detection and linguistic domain knowledge. , 2012, , .		13
2185	A linguistic decision support model for QoS priorities in networking. Knowledge-Based Systems, 2012, 32, 65-75.	7.1	15
2186	A bipolar model of vague concepts based on random set and prototype theory. International Journal of Approximate Reasoning, 2012, 53, 867-879.	3.3	5
2187	A model for the integration of e-financial services questionnaires with SERVQUAL scales under fuzzy linguistic modeling. Expert Systems With Applications, 2012, 39, 11535-11547.	7.6	31
2188	Designing Type-1 and Type-2 Fuzzy Logic Controllers via Fuzzy Lyapunov Synthesis for nonsmooth mechanical systems. Engineering Applications of Artificial Intelligence, 2012, 25, 971-979.	8.1	105
2189	MAINTENANCE STRATEGY SELECTION USING AHP AND COPRAS UNDER FUZZY ENVIRONMENT / PRIEÅ½IÅªROS STRATEGIJOS PARINKIMAS TAIKANT AHP IR COPRAS METODUS NEAPIBRÄ—Å½TOSE SITUACIJOSE. International Journal of Strategic Property Management, 2012, 16, 85-104.	1.8	133
2190	Mining association rules uses fuzzy weighted FP-growth. , 2012, , .		3
2191	Continuous-state reliability measures based on fuzzy sets. IIE Transactions, 2012, 44, 1033-1044.	2.1	25
2192	A novel probabilistic fuzzy set for uncertainties-based integration inference. , 2012, , .		5
2194	Uncertain pure linguistic hybrid harmonic averaging operator and generalized interval aggregation operator based approach to group decision making. Knowledge-Based Systems, 2012, 36, 175-181.	7.1	35
2195	Considering the decision maker's attitudinal character to solve multi-criteria decision-making problems in an intuitionistic fuzzy environment. Knowledge-Based Systems, 2012, 36, 129-138.	7.1	24
2196	A new approach for an efficient human resource appraisal and selection. Journal of Industrial Engineering and Management, 2012, 5, .	1.5	6
2197	Uncertainty reduction of map building by a Mobile Robot using fuzzy reasoning. , 2012, , .		0
2198	Fuzzy Logic Model for Selection of Vertical Formwork Systems. Journal of Construction Engineering and Management - ASCE, 2012, 138, 832-840.	3.8	17
2199	Shadowed Type-2 Fuzzy Sets -Type-2 Fuzzy Sets with shadowed secondary membership functions. , 2012, , .		5
2200	Fuzzy multicriteria analysis of m-learning system. , 2012, , .		3
2201	An intelligent fuzzy-Petri reasoning supervisory control for FMS manufacturing plants. , 2012, , .		0
2202	A Proposal for Interoperability to Agent Communication Using Synonyms. , 2012, , .		1

#	Article	IF	Citations
2203	FMS intelligent supervision and control 2: Communications among machines under FPSC. , 2012, , .		1
2204	A multi-criteria decision-making process for project risk management method selection. International Journal of Multicriteria Decision Making, 2012, 2, 189.	0.2	7
2205	&#x201C;How Many Unemployed Are There?&#x201D; &#x2014; When fuzzy logic met linguistics and semantics. , 2012, , .		0
2206	Evaluating real estate using a fuzzy MCDM approach. International Journal of Business and Systems Research, 2012, 6, 395.	0.3	2
2207	Identification of Type-2 Fuzzy Models for Time-Series Forecasting Using Particle Swarm Optimization. , 2012, , .		1
2208	Power system stabilizer design: Interval type-2 fuzzy logic controller approach. , 2012, , .		6
2209	Type-1 and Type-2 Fuzzy logic controller based Shunt active filter I_d-I_q control strategy for mitigation of harmonics with Triangular membership function. , 2012, , .		2
2210	A contextual personalized recommander system for mobile OLAP. , 2012, , .		0
2211	Condition Ranking and Rating of Bridges Using Fuzzy Logic. , 0, , .		1
2212	Integration of fuzzy Shannon's entropy with fuzzy TOPSIS for industrial robotic system section. Journal of Industrial Engineering and Management, 2012, 5, .	1.5	7
2213	Ambient shopping advertisement using rough service domain. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 95-105.	1.4	3
2214	Fuzzy Sets in the Social Sciences: An Overview of Related Researches. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overl	0.4	4
2215	Interval-valued intuitionistic fuzzy Heronian mean operators and their application in multi-criteria decision making. African Journal of Business Management, 2012, 6, .	0.5	14
2216	Membership maximization prioritization methods for fuzzy analytic hierarchy process. Fuzzy Optimization and Decision Making, 2012, 11, 113-133.	5.5	23
2217	Induced and Linguistic Generalized Aggregation Operators and Their Application in Linguistic Group Decision Making. Group Decision and Negotiation, 2012, 21, 531-549.	3.3	71
2218	Identifying Optimal Water Resources Allocation Strategies through an Interactive Multi-Stage Stochastic Fuzzy Programming Approach. Water Resources Management, 2012, 26, 2015-2038.	3.9	45
2219	Solution of generalized matrix Riccati differential equation for indefinite stochastic linear quadratic singular fuzzy system with cross-term using neural networks. Neural Computing and Applications, 2012, 21, 497-503.	5.6	3
2220	An approach to solve division-like queries in fuzzy object databases. Fuzzy Sets and Systems, 2012, 196, 47-68.	2.7	5

#	Article	IF	Citations
2221	A novel two-phase group decision making approach for construction project selection in a fuzzy environment. Applied Mathematical Modelling, 2012, 36, 4197-4217.	4.2	137
2222	A soft computing method of performance evaluation with MCDM based on interval-valued fuzzy numbers. Applied Soft Computing Journal, 2012, 12, 476-485.	7.2	128
2223	A review on the design and optimization of interval type-2 fuzzy controllers. Applied Soft Computing Journal, 2012, 12, 1267-1278.	7.2	306
2224	The relationship between similarity measure and entropy of intuitionistic fuzzy sets. Information Sciences, 2012, 188, 314-321.	6.9	93
2225	The Henstock–Stieltjes integral for fuzzy-number-valued functions. Information Sciences, 2012, 188, 276-297.	6.9	16
2226	The sampling method of defuzzification for type-2 fuzzy sets: Experimental evaluation. Information Sciences, 2012, 189, 77-92.	6.9	67
2227	A linguistic evaluation approach for universal design. Information Sciences, 2012, 190, 76-94.	6.9	31
2228	Managing logistics customer service under uncertainty: An integrative fuzzy Kano framework. Information Sciences, 2012, 202, 41-57.	6.9	48
2229	An overview on the 2-tuple linguistic model for computing with words in decision making: Extensions, applications and challenges. Information Sciences, 2012, 207, 1-18.	6.9	424
2230	The more-for-less paradox in fuzzy posynomial geometric programming. Information Sciences, 2012, 211, 81-92.	6.9	13
2231	Tackling outliers in granular box regression. Information Sciences, 2012, 212, 44-56.	6.9	8
2232	Properties of Atanassov's intuitionistic fuzzy relations and Atanassov's operators. Information Sciences, 2012, 213, 84-93.	6.9	19
2233	Supervised Pseudo Self-Evolving Cerebellar algorithm for generating fuzzy membership functions. Expert Systems With Applications, 2012, 39, 2279-2287.	7.6	8
2234	An optimization method for designing type-2 fuzzy inference systems based on the footprint of uncertainty using genetic algorithms. Expert Systems With Applications, 2012, 39, 4590-4598.	7.6	122
2235	Fuzzy aggregation operators in decision making with Dempster–Shafer belief structure. Expert Systems With Applications, 2012, 39, 7138-7149.	7.6	46
2236	Personnel selection based on computing with words and fuzzy MULTIMOORA. Expert Systems With Applications, 2012, 39, 7961-7967.	7.6	192
2237	A consensus model for group decision making problems with linguistic interval fuzzy preference relations. Expert Systems With Applications, 2012, 39, 10022-10030.	7.6	150
2238	Automatic linguistic report of traffic evolution in roads. Expert Systems With Applications, 2012, 39, 11293-11302.	7.6	31

#	Article	IF	Citations
2239	A fuzzy intelligent approach to the classification problem in gene expression data analysis. Knowledge-Based Systems, 2012, 27, 465-474.	7.1	45
2240	Type-2 Fuzzy Logic: Challenges and Misconceptions [Discussion Forum]. IEEE Computational Intelligence Magazine, 2012, 7, 48-52.	3.2	14
2241	Hesitant Fuzzy Linguistic Term Sets for Decision Making. IEEE Transactions on Fuzzy Systems, 2012, 20, 109-119.	9.8	1,926
2242	Human Gait Modeling Using a Genetic Fuzzy Finite State Machine. IEEE Transactions on Fuzzy Systems, 2012, 20, 205-223.	9.8	134
2243	Manufacturing process performance evaluation for fuzzy data based on loss-based capability index. Soft Computing, 2012, 16, 89-99.	3.6	15
2244	A new model for linguistic summarization of heterogeneous data: an application to tourism web data sources. Soft Computing, 2012, 16, 135-151.	3.6	19
2245	On compatibilities of α-lock resolution method in linguistic truth-valued lattice-valued logic. Soft Computing, 2012, 16, 699-709.	3.6	12
2246	Implication operators on the set of ∨-irreducible element in the linguistic truth-valued intuitionistic fuzzy lattice. International Journal of Machine Learning and Cybernetics, 2013, 4, 365-372.	3.6	12
2247	Fuzzy grey relation method for multiple criteria decision-making problems. Quality and Quantity, 2013, 47, 3065-3077.	3.7	47
2248	A fuzzy logic model for identifying spatial degrees of exposure to the risk of road accidents (Case) Tj ETQq1 1 0.784314 rgBT /Overlo		9
2249	Selection of internet assessment vendor using TOPSIS method in fuzzy environment. International Journal of Business Performance and Supply Chain Modelling, 2013, 5, 1.	0.3	19
2250	A framework for comparative evaluation of lean performance of firms using fuzzy TOPSIS. International Journal of Productivity and Quality Management, 2013, 11, 371.	0.2	34
2251	A finite-time convergent interval type-2 fuzzy sliding-mode controller design for omnidirectional mobile robots. , 2013, , .		7
2252	Some proportional 2-tuple geometric aggregation operators for linguistic decision making. Journal of Intelligent and Fuzzy Systems, 2013, 25, 833-843.	1.4	13
2253	A multidimensional data model using the fuzzy model based on the semantic translation. Information Systems Frontiers, 2013, 15, 351-370.	6.4	6
2254	Fuzzy hypothesis testing with vague data using likelihood ratio test. Soft Computing, 2013, 17, 1629-1641.	3.6	8
2255	Symmetric fuzzy numbers and additive equivalence of fuzzy numbers. Soft Computing, 2013, 17, 1471-1477.	3.6	42
2256	Hypergraph partitioning for the parallel computing of fuzzy differential equations. Fuzzy Sets and Systems, 2013, 230, 142-161.	2.7	3

#	Article	IF	Citations
2257	An interval type-2 fuzzy logic controller for TCSC to improve the damping of power system oscillations. Frontiers in Energy, 2013, 7, 307-316.	2.3	8
2258	A method based on PSO and granular computing of linguistic information to solve group decision making problems defined in heterogeneous contexts. European Journal of Operational Research, 2013, 230, 624-633.	5.7	235
2259	Optimal Weight Determination and Consensus Formation under Fuzzy Linguistic Environment. Procedia Computer Science, 2013, 17, 482-489.	2.0	4
2260	A New Linguistic Variable in Interval Type-2 Fuzzy Entropy Weight of a Decision Making Method. Procedia Computer Science, 2013, 24, 42-53.	2.0	21
2261	ICT2TSK: An improved clustering algorithm for WSN using a type-2 Takagi-Sugeno-Kang Fuzzy Logic System. , 2013, , .		20
2262	Robustness of fuzzy connectives and fuzzy reasoning. Fuzzy Sets and Systems, 2013, 225, 93-105.	2.7	15
2263	A new approach for time series prediction using ensembles of ANFIS models with interval type-2 and type-1 fuzzy integrators. , 2013, , .		11
2264	Parting curve selection and evaluation using an extension of fuzzy MCDM approach. Applied Soft Computing Journal, 2013, 13, 1952-1959.	7.2	8
2265	Automated design of fuzzy rule base using ant colony optimization for improving the performance in Wireless Sensor Networks. , 2013, , .		3
2266	RAMOLI: A generic knowledge-based systems shell for symbolic data. , 2013, , .		6
2267	Application of fuzzy technique to integrate multiple occupancy scenarios into house rating schemes (HRS). Energy and Buildings, 2013, 67, 463-470.	6.7	3
2268	A Fuzzy Multicriteria Methodology to Manage Priorities and Resource Assignment in Critical Situations. Operations Research/ Computer Science Interfaces Series, 2013, , 129-153.	0.3	6
2269	Principles of inclusion and exclusion for fuzzy sets. Fuzzy Sets and Systems, 2013, 232, 98-109.	2.7	10
2270	Computing with words model for emotion recognition by facial expression analysis using interval type-2 fuzzy sets. , 2013, , .		5
2271	Interval type-2 fuzzy logic for encoding clinical practice guidelines. Knowledge-Based Systems, 2013, 54, 329-341.	7.1	11
2272	A fuzzy MCDM approach based on COPRAS method to solve supplier selection problems. , 2013, , .		12
2273	Multilevel cognitive analysis in graphical retrieval of drawings. Pattern Recognition and Image Analysis, 2013, 23, 518-523.	1.0	1
2274	Bertoluzza et al.â€™s metric as a basis for analyzing fuzzy data. Metron, 2013, 71, 307-322.	1.2	3

#	Article	IF	Citations
2275	On-line dynamic adaptation of fuzzy preferences. Information Sciences, 2013, 220, 5-21.	6.9	21
2276	Applications of type-2 fuzzy logic in power systems: A literature survey. , 2013, , .		3
2277	Enhanced fuzzy evidential reasoning using an optimization approach for water quality monitoring. , 2013, , .		1
2278	The Hybrid Method and its Application to Smart Pavement Management. , 2013, , 439-484.		5
2279	A similarity measure with uncertainty for incompletely known fuzzy sets. , 2013, , .		15
2280	Type-2 Fuzzy SARIMA system for real-valued uncertain non-stationary data-intensive seasonal time series. , 2013, , .		2
2281	A hybrid MCDM approach for selection of financial institution in supply chain risk management. , 2013, , .		4
2282	Real time PSO based adaptive learning type-2 fuzzy logic controller design for the iRobot Create robot. , 2013, , .		9
2283	A perception group decision model to evaluate corporate reputation. , 2013, , .		1
2284	Meta-heuristic algorithms applied to the optimization of type-1 and type 2 TSK fuzzy logic systems for sea water level prediction. , 2013, , .		15
2285	Rough set based feature selection: A Review. , 2013, , .		12
2286	Towards autonomic control in decentralised power systems via distributed type-2 fuzzy systems. , 2013, , .		1
2287	Time series prediction using ensembles of neuro-fuzzy models with interval type-2 and type-1 fuzzy integrators. , 2013, , .		7
2288	Gap width control in electrical discharge machining, using type-2 fuzzy controllers. , 2013, , .		2
2289	Fuzzy linguistic propositional logic based on refined hedge algebra. , 2013, , .		1
2290	A bag theoretic fuzzy count and cardinality of fuzzy sets. , 2013, , .		2
2291	Type-2 fuzzy numbers and operations by F-transform. , 2013, , .		1
2292	Fuzzy in 3-D: Contrasting complex fuzzy sets with type-2 fuzzy sets. , 2013, , .		4

#	Article	IF	Citations
2293	Preprocessing in Fuzzy Time Series to Improve the Forecasting Accuracy. , 2013, , .		6
2294	OWAD operators in Type-2 fuzzy ontologies. , 2013, , .		1
2295	Modelling distributions of the temporal membership grades for non-stationary fuzzy sets. , 2013, , .		0
2296	On multiplication of interactive fuzzy numbers. , 2013, , .		8
2297	Hesitant Fuzzy Linguistic Term Set Based Document Classification. , 2013, , .		2
2298	Relationship between similarity measure and entropy of interval type-2 fuzzy sets. , 2013, , .		2
2299	Addressing the QoS drift in specification models of self-adaptive service-based systems. , 2013, , .		1
2300	Particle swarm optimization with dynamic parameter adaptation using interval type-2 fuzzy logic for benchmark mathematical functions. , 2013, , .		19
2301	Granular based analytical hierarchical process. , 2013, , .		3
2302	Measuring the directional distance between fuzzy sets. , 2013, , .		11
2303	Linear Programming Modeling for Solving Fuzzy Zero-Sum Games. , 2013, , .		1
2304	Fuzzy linguistic multicriteria morphological analysis in scenario planning. , 2013, , .		5
2305	Extension to fuzzy logic representation: Moving towards neutrosophic logic - A new laboratory rat. , 2013, , .		7
2306	A fuzzy model relating vibrotactile signal characteristics to haptic sensory evaluations. , 2013, , .		6
2307	Eliciting comparative linguistic expressions in group decision making. , 2013, , .		3
2308	Developing type-2 fuzzy FCA for similarity reasoning in the semantic web. , 2013, , .		3
2309	A proposal of a linguistic group decision model to support public decisions in Brazil. , 2013, , .		0
2310	A linguistic consensus model for Web 2.0 communities. Applied Soft Computing Journal, 2013, 13, 149-157.	7.2	223

#	Article	IF	Citations
2311	Applying fuzzy multi-criteria decision-making model to ecotour plan selection. Quality and Quantity, 2013, 47, 1125-1141.	3.7	3
2312	A consensus support model based on linguistic information for the initial-self assessment of the EFQM in health care organizations. Expert Systems With Applications, 2013, 40, 2792-2798.	7.6	12
2313	Psychological and Social Motivations to the Purchase of Technological Goods: Fuzzy Mathematical Models of Interpretation. Procedia, Social and Behavioral Sciences, 2013, 84, 1845-1849.	0.5	1
2315	The Enterprise AID Methodology: Application. Procedia Computer Science, 2013, 16, 552-561.	2.0	0
2316	Linguistic description about circular structures of the Marsâ€™ surface. Applied Soft Computing Journal, 2013, 13, 4738-4749.	7.2	17
2317	The distance of probabilistic fuzzy sets for classification. Pattern Recognition Letters, 2013, 34, 2157-2165.	4.2	2
2318	An individual-based model for the migration of pike (Esox lucius) in the river Yser, Belgium. Ecological Modelling, 2013, 258, 40-52.	2.5	8
2319	Gradual Generalized Modus Ponens. , 2013, , .		3
2320	Evolutionary algorithms and fuzzy sets for discovering temporal rules. International Journal of Applied Mathematics and Computer Science, 2013, 23, 855-868.	1.5	8
2321	Social Networks: Querying and Sharing Mined Information. , 2013, , .		2
2322	A fuzzy linguistic model to evaluate the quality of Library 2.0 functionalities. International Journal of Information Management, 2013, 33, 642-654.	17.5	35
2323	Solving systems of fuzzy relation equations by fuzzy property-oriented concepts. Information Sciences, 2013, 222, 405-412.	6.9	15
2324	Hesitant fuzzy power aggregation operators and their application to multiple attribute group decision making. Information Sciences, 2013, 234, 150-181.	6.9	286
2325	Resolution of a system of fuzzy polynomial equations using the GrÃ¶bner basis. Information Sciences, 2013, 220, 541-558.	6.9	6
2326	Toward a restriction-centered theory of truth and meaning (RCT). Information Sciences, 2013, 248, 1-14.	6.9	28
2327	Hiperion: A fuzzy approach for recommending educational activities based on the acquisition of competences. Information Sciences, 2013, 248, 114-129.	6.9	40
2328	MEFES: An evolutionary proposal for the detection of exceptions in subgroup discovery. An application to Concentrating Photovoltaic Technology. Knowledge-Based Systems, 2013, 54, 73-85.	7.1	18
2329	Duality Theorems in Fuzzy Optimization Problems. Fuzzy Information and Engineering, 2013, 5, 87-98.	1.7	2

#	Article	IF	Citations
2330	Induced 2-tuple linguistic generalized aggregation operators and their application in decision-making. Information Sciences, 2013, 236, 1-16.	6.9	198
2331	Integrating hierarchical balanced scorecard with fuzzy linguistic for evaluating operating room performance in hospitals. Expert Systems With Applications, 2013, 40, 1917-1924.	7.6	67
2332	Optimal Design of Photovoltaicâ€"Battery Systems Using Interval Type-2 Fuzzy Adaptive Genetic Algorithm. Engineering, 2013, 05, 50-55.	0.8	4
2333	From system cost minimization to sustainability maximizationâ€"A new fuzzy program approach to energy systems analysis. Fuzzy Sets and Systems, 2013, 231, 1-25.	2.7	9
2334	Computing fuzzy trajectories for nonlinear dynamic systems. Computers and Chemical Engineering, 2013, 52, 10-25.	3.8	7
2335	A fuzzy linguistic algorithm for adaptive test in Intelligent Tutoring System based on competences. Expert Systems With Applications, 2013, 40, 3073-3086.	7.6	38
2336	A novel fuzzy Dempsterâ€"Shafer inference system for brain MRI segmentation. Information Sciences, 2013, 223, 205-220.	6.9	38
2338	Accuracy and complexity evaluation of defuzzification strategies for the discretised interval type-2 fuzzy set. International Journal of Approximate Reasoning, 2013, 54, 1013-1033.	3.3	73
2339	An analysis of symbolic linguistic computing models in decision making. International Journal of General Systems, 2013, 42, 121-136.	2.5	196
2340	A generalized L1-type metric between fuzzy numbers for an approach to central tendency of fuzzy data. Information Sciences, 2013, 242, 22-34.	6.9	23
2341	Linguistic description of the human gait quality. Engineering Applications of Artificial Intelligence, 2013, 26, 13-23.	8.1	35
2342	Possibilistic nonlinear dynamical analysis for pattern recognition. Pattern Recognition, 2013, 46, 808-816.	8.1	1
2343	Fuzzy decision support methodology for sustainable energy crop selection. Renewable and Sustainable Energy Reviews, 2013, 17, 83-93.	16.4	131
2344	The design of a CUSUM control chart for LR-fuzzy data. , 2013, , .		1
2345	Quantifying modified opinion strength: A fuzzy inference system for Sentiment Analysis. , 2013, , .		13
2346	Real-time implementation of a Type-2 Fuzzy Logic Controller to control a DC servomotor with different defuzzification methods. , 2013, , .		2
2347	Neural network and interval type-2 fuzzy system for stock price forecasting. , 2013, , .		7
2348	Human activity recognition in indoor environments by means of fusing information extracted from intensity of WiFi signal and accelerations. Information Sciences, 2013, 233, 162-182.	6.9	35

#	Article	IF	Citations
2349	A synchronizing controller using a direct adaptive interval type-2 fuzzy sliding mode strategy. , 2013, , .		5
2350	A new fingram-based software tool for visual representation and analysis of fuzzy association rules. , 2013, , .		9
2351	Some Perspectives to Define and Model Reliability Using Fuzzy Sets. Quality Engineering, 2013, 25, 136-150.	1.1	12
2352	A fuzzy time series model based on N-th Quantile Discretization Approach for TAIEX forecasting. , 2013, , .		1
2353	Implementing agility appraisement module in fuzzy context: an Indian perspective. International Journal of Logistics Systems and Management, 2013, 14, 353.	0.2	4
2354	Weibull fuzzy probability distribution for analysing the behaviour of pulping unit in a paper industry. International Journal of Industrial and Systems Engineering, 2013, 14, 395.	0.2	9
2355	An ordered weighted averaging operator-based cumulative belief degree approach for energy policy evaluation. International Journal of Advanced Operations Management, 2013, 5, 58.	0.3	10
2356	Ordered Fuzzy Numbers Approach to an Investment Project Evaluation. Management and Production Engineering Review, 2013, 4, 50-62.	1.4	7
2357	Multiple Criteria Decision Making Based on Discrete Linguistic Stochastic Variables. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	2
2358	Pricing Currency Option Based on the Extension Principle and Defuzzification via Weighting Parameter Identification. Journal of Applied Mathematics, 2013, 2013, 1-9.	0.9	6
2359	Real-Life Applications of Fuzzy Logic. Advances in Fuzzy Systems, 2013, 2013, 1-3.	0.9	120
2360	Vague linguistic matrix game approach for multi-criteria decision making with uncertain weights. Journal of Intelligent and Fuzzy Systems, 2013, 25, 315-324.	1.4	8
2361	On filters of R0-algebras connected to intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2013, 25, 587-593.	1.4	1
2362	Ordered semigroups characterized by interval valued (Îμ, Îμ vee q)-fuzzy bi-ideals. Journal of Intelligent and Fuzzy Systems, 2013, 25, 57-68.	1.4	8
2363	A Determination of the Engineering Characteristics in QFD Based on Sensory Quality Evaluation. Advanced Materials Research, 0, 711, 713-718.	0.3	0
2364	Study on Application of Interval Type 2 Fuzzy Logic Control for Gap Width Controller Used in EDM Machine. Applied Mechanics and Materials, 0, 365-366, 863-869.	0.2	3
2365	Using fuzzy logic and GIS tools for seismic vulnerability of old fabric in Iranian cities (Case study:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.4	8
2366	The Shapley function for fuzzy games with fuzzy characteristic functions. Journal of Intelligent and Fuzzy Systems, 2013, 25, 23-35.	1.4	9

#	ARTICLE	IF	CITATIONS
2367	New fuzzy control system design for maximum power point tracking of wind turbine. , 2013, , .		6
2368	Existence and uniqueness of solutions for fuzzy fractional Volterra-Fredholm integro-differential equations. Journal of Fuzzy Set Valued Analysis, 2013, 2013, 1-9.	0.2	19
2369	The interval-valued fuzzy sets based on Flou sets. , 2013, , .		0
2370	A new fuzzy maximal-margin spherical-structured multi-class support vector machine. , 2013, , .		0
2371	A comparative study on forecast analysis of growth-type time series with ‘Gap’. , 2013, , .		1
2372	Interval type-2 fuzzy logic based robotic sailing. , 2013, , .		0
2373	Priority-based scheduling in flexible system using AIS with FLC approach. International Journal of Production Research, 2013, 51, 4880-4895.	7.5	5
2374	Group aggregation method of non-formatted text evaluation information based on linguistic label and evidence distance. , 2013, , .		0
2375	Dynamic Growing Interval Type-2 Fuzzy Neural Controller. , 2013, , .		1
2376	A fuzzy hybrid intelligent agent system for mitigating demand amplification in supply chain of steel manufacturing. , 2013, , .		1
2377	An interval type-2 neural fuzzy inference system (IT2NFIS) with compensatory operator. , 2013, , .		0
2378	Multi-objective optimization based on fuzzy if-then rules. , 2013, , .		2
2379	Comparison of fuzzy controllers for the water tank with Type-1 and Type-2 fuzzy logic. , 2013, , .		21
2380	A multi-criteria group decision making model for performance evaluation of commercial banks. , 2013, , .		0
2381	Advanced computing with words using syllogistic reasoning and arithmetic operations on linguistic belief structures. , 2013, , .		13
2382	Kernel functions in Takagi-Sugeno-Kang fuzzy system with nonsingleton fuzzy input. , 2013, , .		8
2383	A Fuzzy Tree Similarity Measure and Its Application in Telecom Product Recommendation. , 2013, , .		6
2384	Three main components of experience base in linguistic description of data. , 2013, , .		1

#	Article	IF	Citations
2385	Building a type-2 fuzzy regression model based on creditability theory. , 2013, , .		0
2386	A system based on interval fuzzy approach to predict the appearance of pests in agriculture. , 2013, , .		12
2387	A mapping between fuzzy covering information systems. , 2013, , .		1
2388	Similarity based applications for data-driven concept and word models based on type-1 and type-2 fuzzy sets. , 2013, , .		21
2389	Advancing from two to four valued logic circuits. , 2013, , .		3
2390	Text-Driven Multi-structured Data Analytics for Enterprise Intelligence. , 2013, , .		4
2391	Fuzzy ontologies for cardiovascular risk prediction - A research approach. , 2013, , .		4
2392	An inference engine based on Interval Type-2 Fuzzy BK subproduct. , 2013, , .		1
2393	Type-2 fuzzy neural network controller for a class of nonlinear systems. , 2013, , .		0
2394	Approximation capability of SISO Fuzzy Relational Inference systems based on fuzzy implications. , 2013, , .		3
2395	Applying 2-tuple linguistic variables to assess the teaching performance based on the viewpoints of students. , 2013, , .		2
2396	Switched control of type-2 polynomial discrete fuzzy systems based on SOS. , 2013, , .		0
2397	No reference, fuzzy weighted unsharp masking based DCT interpolation for better 2-D up-sampling. , 2013, , .		2
2398	Adaptive scheduling of optimization algorithms in the construction of interpolative fuzzy systems. , 2013, , .		1
2399	Transitive Closure of Interval-valued Fuzzy Relations. International Journal of Computational Intelligence Systems, 2013, 6, 648.	2.7	5
2400	Type-2 Fuzzy C-Means Incorporating Locality Sensitive Space Information. , 2013, , .		0
2401	Scale and move transformation-based fuzzy rule interpolation with interval type-2 fuzzy sets. , 2013, , .		8
2402	Group decision making approach based on interval-valued intuitionistic linguistic geometric aggregation operators. International Journal of Intelligent Information and Database Systems, 2013, 7, 516.	0.3	4

#	ARTICLE	IF	CITATIONS
2403	A new fuzzy goal directed benchmarking for supplier selection. International Journal of Services and Operations Management, 2013, 14, 321.	0.2	11
2404	An Approach to Analysis of Expert Estimation Validity in Cognitive Mapping. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 893-898.	0.4	3
2405	An integrated fuzzy approach for Information Technology Planning in Collaborative Product Development. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1985-1990.	0.4	1
2406	Knowledge acquisition to interval-valued fuzzy decision information systems based on inclusion measure. , 2013, , .		0
2407	Study on fuzzy determination of indoor environmental quality in the intelligent building. , 2013, , .		1
2408	A Novel Approach for Automatic Detection and Classification of Suspicious Lesions in Breast Ultrasound Images. Journal of Artificial Intelligence and Soft Computing Research, 2013, 3, 265-276.	4.3	16
2409	A valuation-based method for ranking the intuitionistic fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 2013, 24, 133-144.	1.4	17
2410	Representing a new approach for implementing e-insurance using fuzzy DEMATEL. Management Science Letters, 2013, 3, 625-634.	1.5	1
2411	An Integrated Hybrid MCDM Approach for Vendor Selection Problem (Case Study: Iran Khodro). Business and Management Horizons, 2013, 1, 153.	0.2	6
2412	Integration of Graph Theory and Matrix Approach with Fuzzy AHP for Equipment Selection. Journal of Industrial Engineering and Management, 2013, 6, .	1.5	3
2413	Bike Trail Difficulty Rating in the South Moravian Region Modelled Using Fuzzy Sets. Geoinformatics FCE CTU, 2013, 11, 5-24.	0.4	1
2414	Some Issues on Hesitant Fuzzy Sets. Journal of Applied & Computational Mathematics, 2013, 02, .	0.1	0
2415	ASSESSMENT OF ECOTOURISM TRAVEL RISK ON WORD-OF-MOUTH: VIA FUZZY SET PERSPECTIVE. American Journal of Applied Sciences, 2013, 10, 507-514.	0.2	0
2416	Hesitant Fuzzy Sets and Hesitant Fuzzy Preference Relations. Industrial Engineering & Management, 2013, 02, .	0.1	0
2417	Web intelligence for tourism using railway data by a simplified fuzzy reasoning method. Journal of Intelligent and Fuzzy Systems, 2013, 24, 251-259.	1.4	5
2418	On the Normed Space of Equivalence Classes of Fuzzy Numbers. Scientific World Journal, The, 2013, 2013, 1-5.	2.1	5
2419	Nash Equilibrium Strategies in Fuzzy Games. , 0, , .		2
2420	The Representative Curve of Type-2 Fuzzy Data Point Modeling. Modern Applied Science, 2013, 7, .	0.6	2

#	Article	IF	Citations
2421	A Proposed Framework for Selection and Prioritization of the Best Strategies: A Hybrid SWOT Analysis, Fuzzy PROMETHEE II and Porter's Generic Strategies. Research Journal of Environmental and Earth Sciences, 2014, 6, 313-320.	0.1	1
2422	Applying Fuzzy Multiple Criteria Decision-Making Method and Service Failure Index to Evaluate Restaurantsâ€™ Performance. Journal of Management and Strategy, 2014, 5, .	0.1	3
2423	On-line control of nonlinear systems using a novel type-2 fuzzy logic method. Artificial Intelligence Research, 2014, 3, .	0.3	1
2424	Some Aggregation Operators Based on Einstein Operations under Interval-Valued Dual Hesitant Fuzzy Setting and Their Application. Mathematical Problems in Engineering, 2014, 2014, 1-21.	1.1	12
2425	The Influence of Financial Literacy, Saving Behaviour, and Financial Management on Retirement Confidence among Women Working in the Malaysian Public Sector. Asian Social Science, 2014, 10, .	0.2	13
2426	Consensus model for large-scale group decision support in IT services management. Intelligent Decision Technologies, 2014, 8, 81-94.	0.9	12
2427	Fuzzy Opinion Networks: A Mathematical Framework for the Propagation of Opinions and Their Uncertainties Across Social Networks. SSRN Electronic Journal, 2014, , .	0.4	1
2428	Determination of Extended Fuzzy TOPSIS Method of Criteria Leading to Supplier Selection for Industries. Asian Social Science, 2014, 10, .	0.2	4
2429	Trajectory Data Fuzzy Modeling : Ambulances Management Use Case. International Journal of Database Management Systems, 2014, 6, 01-10.	0.3	3
2430	Fuzzy linguistic hedges for the selection of manufacturing process for prosthetic sockets. Decision Science Letters, 2014, 3, 503-510.	1.2	3
2431	Enhancing business intelligence for supply chain operations through effective classification of supplier management. Uncertain Supply Chain Management, 2014, 2, 229-236.	3.2	3
2432	A new SVM integrated rough type-II fuzzy clustering technique. , 2014, , .		0
2433	A practical application of the interval type-2 fuzzy controller for a photovoltaic sourced DC â€“ DC boost converter. Journal of Intelligent and Fuzzy Systems, 2014, 26, 3021-3035.	1.4	9
2434	A simulated annealing algorithm for routing problems with fuzzy constrains. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2649-2660.	1.4	8
2435	An implementation of opinion mining using fuzzy inference system. , 2014, , .		3
2436	AN EXTENSION OF THE MOORA METHOD FOR SOLVING FUZZY DECISION MAKING PROBLEMS. Technological and Economic Development of Economy, 2014, 19, S228-S255.	4.6	18
2437	Analysis and comparison of various methods available for load forecasting: An overview. , 2014, , .		12
2438	Fuzzy networks: What happens when fuzzy people are connected through social networks. , 2014, , .		4

#	Article	IF	Citations
2439	Fuzzy cognitive map with linguistic values. , 2014, , .		7
2440	Tuning larger membership grades for fuzzy association rules. , 2014, , .		0
2441	Optimization of interval type-2 fuzzy logic systems using tabu search algorithms. , 2014, , .		2
2442	Linguistic aggregation operators under interval confidence levels. , 2014, , .		1
2443	Ranking the solution techniques for reactive scheduling problem in operating room. , 2014, , .		1
2444	Evaluation to support stakeholder-centered design and continuous quality improvement in higher education services. , 2014, , 67-97.		2
2445	Neuro-fuzzy controller for autonomous navigation of mobile robots. , 2014, , .		4
2446	Fuzzy interval type II lateral control of an autonomous UAV. , 2014, , .		3
2447	Power system state forecasting using fuzzy-Viterbi Algorithm. , 2014, , .		1
2448	Meta-cognitive Interval Type-2 neuro-fuzzy inference system for wind prediction. , 2014, , .		4
2449	An approach based on computing with words to manage experts behavior in consensus reaching processes with large groups. , 2014, , .		4
2450	A general type-II similarity based model for breast cancer grading with FTIR spectral data. , 2014, , .		2
2451	Analysing the Dynamics of Norm Evolution Using Interval Type-2 Fuzzy Sets. , 2014, , .		2
2452	Optimization of underground mine development system using fuzzy shortest path length algorithm. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2014, 37, 965-982.	1.1	2
2453	About fuzzy Schr&#x00F6;dinger equation. , 2014, , .		2
2454	Interval valued (Î±, Î²)-intuitionistic fuzzy ideals in hemirings. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2873-2888.	1.4	4
2455	Truth degree analysis of fuzzy reasoning. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1439-1452.	1.4	1
2456	Topological relation analysis between high-order fuzzy regions based on fuzzy logic. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2057-2071.	1.4	5

#	ARTICLE	IF	CITATIONS
2457	A high order seasonal fuzzy time series model and application to international tourism demand of Turkey. Journal of Intelligent and Fuzzy Systems, 2014, 26, 295-302.	1.4	18
2458	A fuzzy discrete particle swarm optimization classifier for rule classification. International Journal of Hybrid Intelligent Systems, 2014, 11, 145-156.	1.2	2
2459	Multi sensor fire hazard monitoring in underground coal mine based on fuzzy inference system. Journal of Intelligent and Fuzzy Systems, 2014, 26, 345-351.	1.4	16
2460	Properties of interval-valued hesitant fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2014, 27, 143-158.	1.4	25
2461	Some generalized dependent aggregation operators with 2-dimension linguistic information and their application to group decision making. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1761-1773.	1.4	16
2462	Some new dual hesitant fuzzy aggregation operators based on Choquet integral and their applications to multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2857-2868.	1.4	66
2463	Fuzzy group decision-making with generalized probabilistic OWA operators. Journal of Intelligent and Fuzzy Systems, 2014, 27, 783-792.	1.4	12
2464	Entrepreneurial fuzzy group decision-making under complex environments. Journal of Intelligent and Fuzzy Systems, 2014, 27, 901-912.	1.4	10
2465	Some interval-valued hesitant fuzzy aggregation operators based on Archimedean t-norm and t-conorm with their application in multi-criteria decision making. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2737-2748.	1.4	16
2466	A Fuzzy linguistic prolog and its applications. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1503-1516.	1.4	32
2467	Optimal Manufacturing-Remanufacturing Production Policy for a Closed-Loop Supply Chain under Fill Rate and Budget Constraint in Bifuzzy Environments. International Journal of Mathematics and Mathematical Sciences, 2014, 2014, 1-14.	0.7	1
2468	An approach to multi-attribute group decision making under uncertain linguistic environment based on the Choquet aggregation operators. Journal of Intelligent and Fuzzy Systems, 2014, 26, 769-780.	1.4	17
2469	Interval type-2 fuzzy sets extension of analytic hierarchy process with application to new product development project screening. , 2014, , .		4
2470	Fuzzy multi-attribute group decision making method with incomplete weight information under interval type-2 fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2014, 27, 307-316.	1.4	7
2471	A fuzzy waiting time contract for patient's public health care. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1001-1009.	1.4	5
2472	New models for monitoring and clustering of the state of plant species based on semantic spaces. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1089-1094.	1.4	11
2473	Interval-valued $\mathcal{T}$-fuzzy filters and interval-valued $\mathcal{T}$-fuzzy congruences on residuated lattices. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2021-2033.	1.4	7
2474	A new GDM based AHP framework with linguistic interval fuzzy preference relations for renewable energy planning. Journal of Intelligent and Fuzzy Systems, 2014, 27, 3181-3195.	1.4	34

#	ARTICLE	IF	CITATIONS
2475	An interval type-2 fuzzy system with hybrid intelligent learning. , 2014, , .		1
2476	Interval-valued dual hesitant fuzzy aggregation operators and their applications to multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1203-1218.	1.4	42
2477	Some results for dual hesitant fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1657-1668.	1.4	78
2478	Interval type-2 fuzzy reasoning model of rehabilitation training for stroke. Journal of Intelligent and Fuzzy Systems, 2014, 27, 827-837.	1.4	0
2479	A new hybrid approach for constructing the concept map based on fuzzy prerequisite relationships. , 2014, , .		1
2480	A fuzzy rule-based system to assess e-government technical interoperability maturity level. Transforming Government: People, Process and Policy, 2014, 8, 335-356.	2.1	7
2481	Reusing Service Process Fragments with a Linguistic Approach for User Qualitative Preferences. , 2014, , .		0
2482	An ontology-based fuzzy approach for encoding cognitive processes in medical decision making. , 2014, , .		2
2483	Selection of industrial robotic systems using fuzzy techniques. , 2014, , .		0
2484	A new method to construct intuitionistic fuzzy sets deducing from fuzzy sets via fuzzy entropy. , 2014, , .		0
2485	Stabilization of discrete-time interval type-2 fuzzy-model-based systems. , 2014, , .		0
2486	Energy management for a fuel cell hybrid electrical vehicle. , 2014, , .		1
2487	New operations on fuzzy numbers and intervals. , 2014, , .		3
2488	A Novel Approach to Diagnosing Motor Skills. IEEE Transactions on Learning Technologies, 2014, 7, 304-318.	3.2	6
2489	Decomposed interval Type-2 fuzzy systems with application to inverted pendulum. , 2014, , .		4
2490	A fuzzy logic-based emotional intelligence framework for evaluating and orienting new students at HCT Dubai colleges. , 2014, , .		0
2491	Extending NetLogo with Interval Type-2 Fuzzy Inference Systems. , 2014, , .		3
2492	The mathematical theory of evidence and measurement uncertainty - Expression and combination of measurement results via the random-fuzzy variables. IEEE Instrumentation and Measurement Magazine, 2014, 17, 36-44.	1.6	6

#	ARTICLE	IF	CITATIONS
2493	Threshold selection based on type-2 fuzzy 2-partition entropy approach. , 2014, , .		0
2494	A HYBRID LINGUISTIC FUZZY MULTIPLE CRITERIA GROUP SELECTION OF A CHIEF ACCOUNTING OFFICER. Journal of Business Economics and Management, 2014, 15, 232-252.	2.4	43
2495	A consensus and maximizing deviation based approach for multi-criteria group decision making under linguistic setting. , 2014, , .		1
2496	Structural classification of proteins through amino acid sequence using interval type-2 fuzzy logic system. , 2014, , .		0
2497	Generalized Lagrangian dynamics of physical and non-physical systems. Physica A: Statistical Mechanics and Its Applications, 2014, 416, 1-20.	2.6	7
2498	Enhancement of Fuzzy Implication Operator. , 2014, , .		0
2499	Simulation of Fuzzy Queueing Systems With a Variable Number of Servers, Arrival Rate, and Service Rate. IEEE Transactions on Fuzzy Systems, 2014, 22, 892-903.	9.8	8
2500	Type-1 or interval type-2 fuzzy logic systems &#x2014; On the relationship of the amount of uncertainty and FOU size. , 2014, , .		28
2501	Analysing fuzzy sets through combining measures of similarity and distance. , 2014, , .		9
2502	On the use of Hesitant Fuzzy Linguistic Term Set in FLINTSTONES. , 2014, , .		1
2503	A computationally fast Interval Type-2 Neuro-Fuzzy Inference System and its Meta-Cognitive projection based learning algorithm. , 2014, , .		7
2504	L-fuzzy inference. , 2014, , .		0
2505	Application of integrated QFD and fuzzy AHP approach in selection of suppliers. Journal of Sustainable Business and Management Solutions in Emerging Economies, 2014, 19, 25-35.	0.6	1
2506	Fuzzimetric Type-2 sets representation using fuzzimetric arcs. , 2014, , .		2
2507	Optimal fuzzy traffic signal controller for an isolated intersection. , 2014, , .		6
2508	Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 43-114.	0.1	1
2509	Implementation of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 153-182.	0.1	0
2510	Application of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 117-150.	0.1	0

#	Article	IF	Citations
2512	Evaluation and Conclusion of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 185-193.	0.1	0
2513	Applications of PSO and data transformation technique in interval type-2 fuzzy identification. , 2014, , .		0
2515	Causality analysis of the technology strategy maps using the fuzzy cognitive strategy map. African Journal of Business Management, 2014, 8, 191-210.	0.5	2
2516	Pairwise Comparison and Distance Measure of Hesitant Fuzzy Linguistic Term Sets. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	13
2517	Learning parameters of fuzzy Bayesian Network based on imprecise observations. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2014, 18, 167-180.	1.0	3
2518	Basic theorems for fuzzy differential equations in the quotient space of fuzzy numbers. Advances in Difference Equations, 2014, 2014, .	3.5	6
2519	Mobile Commerce Websites Ranking. , 2014, , .		3
2520	Optimality analysis of Type II fuzzy number embedded nonlinear function. , 2014, , .		0
2521	Fuzzy MaxGWMA chart for identifying abnormal variations of on-line manufacturing processes with imprecise information. Expert Systems With Applications, 2014, 41, 1342-1356.	7.6	12
2522	A quality based recommender system to disseminate information in a university digital library. Information Sciences, 2014, 261, 52-69.	6.9	134
2523	Rejoinder on â€œStatistical reasoning with set-valued information: Ontic vs. epistemic viewsâ€. International Journal of Approximate Reasoning, 2014, 55, 1606-1608.	3.3	1
2524	Practical computing with interactive fuzzy variables. Applied Soft Computing Journal, 2014, 22, 518-527.	7.2	3
2525	Capturing customer judgments of product category. Information Sciences, 2014, 273, 182-195.	6.9	1
2526	Multi-attribute decision analysis under a linguistic hesitant fuzzy environment. Information Sciences, 2014, 267, 287-305.	6.9	126
2527	Hesitant fuzzy linguistic aggregation operators and their applications to multiple attribute group decision making. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2185-2202.	1.4	99
2528	Blackwellâ€™s theorem for fuzzy variables. Fuzzy Optimization and Decision Making, 2014, 13, 197-210.	5.5	4
2529	Rough sets based on complete completely distributive lattice. Information Sciences, 2014, 269, 378-387.	6.9	11
2530	Computing uncertainty of physiographic features extracted from multiscale digital elevation models. Computers and Geosciences, 2014, 64, 15-23.	4.2	3

#	Article	IF	Citations
2531	On various approaches to normalization of interval and fuzzy weights. Fuzzy Sets and Systems, 2014, 243, 110-130.	2.7	14
2532	Using TODIM to evaluate green supply chain practices under uncertainty. Applied Mathematical Modelling, 2014, 38, 2983-2995.	4.2	96
2533	Some philosophical issues in modeling corrosion of oil and gas pipelines. International Journal of Systems Assurance Engineering and Management, 2014, 5, 55-74.	2.4	16
2534	Interval type-2 fuzzy logic controller design for TCSC. Evolving Systems, 2014, 5, 193-208.	3.9	2
2535	Parallel-machine scheduling to minimize makespan with fuzzy processing times and learning effects. Information Sciences, 2014, 269, 142-158.	6.9	61
2536	Approximate reasoning algorithm of interval-valued fuzzy sets based on least square method. Information Sciences, 2014, 272, 73-83.	6.9	4
2537	On the calculation of the acoustic eigenfrequencies for anisotropic materials with uncertainty. Applied Mathematics and Computation, 2014, 230, 330-335.	2.2	1
2538	On fuzzy ordered semigroups. Information Sciences, 2014, 274, 236-248.	6.9	10
2539	A Survey on Development and Applications of the Multi-criteria Decision Making Method MULTIMOORA. Journal of Multi-Criteria Decision Analysis, 2014, 21, 209-222.	1.9	71
2540	Integration of close range photogrammetry and expert system capabilities in order to design and implement optical image based measurement systems for intelligent diagnosing disease. Measurement: Journal of the International Measurement Confederation, 2014, 51, 9-17.	5.0	6
2541	A label semantics approach to linguistic hedges. International Journal of Approximate Reasoning, 2014, 55, 1147-1163.	3.3	6
2542	Probability, fuzziness and borderline cases. International Journal of Approximate Reasoning, 2014, 55, 1164-1184.	3.3	12
2543	A review on interval type-2 fuzzy logic applications in intelligent control. Information Sciences, 2014, 279, 615-631.	6.9	234
2544	TPLUFIB-WEB: A fuzzy linguistic Web system to help in the treatment of low back pain problems. Knowledge-Based Systems, 2014, 67, 429-438.	7.1	19
2545	A parameterized metric between fuzzy numbers and its parameter interpretation. Fuzzy Sets and Systems, 2014, 245, 101-115.	2.7	13
2546	A robust and simple optimal type II fuzzy sliding mode control strategy for a class of nonlinear chaotic systems. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1849-1859.	1.4	16
2547	Fuzzy nonlinear programming approach for evaluating and ranking process yields with imprecise data. Fuzzy Sets and Systems, 2014, 246, 142-155.	2.7	14
2548	Image fusion using intuitionistic fuzzy sets. Information Fusion, 2014, 20, 21-30.	19.1	110

#	Article	IF	Citations
2549	Dynamic simulation modeling and policy analysis of an area-based congestion pricing scheme for a transportation socioeconomic system. Transportation Research, Part A: Policy and Practice, 2014, 59, 357-383.	4.2	16
2550	A novel method for multi-attribute group decision making with interval- valued intuitionistic uncertain linguistic information based on topsis. , 2014, , .		1
2551	Stakeholder identification method in goal oriented requirements elicitation process. , 2014, , .		13
2552	The possibilities of applying a risk-oriented approach to the NPP reliability and safety enhancement problem. Thermal Engineering (English Translation of Teploenergetika), 2014, 61, 706-709.	0.9	0
2553	Optimization of the Type-1 and Type-2 fuzzy controller design for the water tank using the Bee Colony Optimization. , 2014, , .		14
2554	Building a type-2 fuzzy regression model based on credibility theory and its application on arbitrage pricing theory. , 2014, , .		2
2555	Fuzzy linguistic first order logic based on refined hedge algebra. , 2014, , .		0
2556	Multi-central general fuzzy clustering model. , 2014, , .		2
2557	An ideation method for generating new product ideas using TRIZ, concept mapping, and fuzzy linguistic evaluation techniques. Advanced Engineering Informatics, 2014, 28, 441-454.	8.0	31
2558	Consistency based estimation of fuzzy linguistic preferences. The case of reciprocal intuitionistic fuzzy preference relations. , 2014, , .		2
2559	Evaluation of responsiveness of health systems using fuzzy-based technique. , 2014, , .		1
2560	Extension of set functions to Interval Type-2 Fuzzy Sets: Applications to evidential reasoning. , 2014, , .		1
2561	Optimal design of traffic signal controller using neural networks and fuzzy logic systems. , 2014, , .		8
2562	A numerical two-scale model of multi-granularity linguistic variables and it's application to group decision making. , 2014, , .		2
2563	Establishing Manufacturing Effort Models to be Used in Optimization of Extruded Aluminum Profiles under Structural and Manufacturing Criteria. Procedia CIRP, 2014, 18, 150-155.	1.9	2
2564	The generation of qualitative descriptions of multivariate time series using fuzzy logic. Applied Soft Computing Journal, 2014, 23, 546-555.	7.2	11
2565	The use of fuzzy expansion method for solving fuzzy linear Volterra-Fredholm integral equations. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1817-1822.	1.4	20
2566	Fuzzy artificial neural network (p, d, q) model for incomplete financial time series forecasting. Journal of Intelligent and Fuzzy Systems, 2014, 26, 831-845.	1.4	33

#	ARTICLE	IF	CITATIONS
2567	Fuzzy random regression based multi-attribute evaluation and its application to oil palm fruit grading. Annals of Operations Research, 2014, 219, 299-315.	4.1	14
2568	Application of Fuzzy Inference Rules to Early Semi-automatic Estimation of Activity Duration in Software Project Management. IEEE Transactions on Human-Machine Systems, 2014, 44, 678-688.	3.5	9
2569	A demerit-fuzzy rating system, monitoring scheme and classification for manufacturing processes. Expert Systems With Applications, 2014, 41, 7878-7888.	7.6	11
2570	Interactive diagnosis for a grid network of rain gauges using fuzzy reasoning. Engineering Applications of Artificial Intelligence, 2014, 36, 99-113.	8.1	1
2571	Study of collective user behaviour in Twitter: a fuzzy approach. Neural Computing and Applications, 2014, 25, 1603-1614.	5.6	15
2572	Parallel mining of fuzzy association rules on dense data sets. , 2014, , .		4
2573	Goodness-of-fit tests for fuzzy data. Information Sciences, 2014, 288, 374-386.	6.9	17
2574	Fuzzy logic and self-referential reasoning: a comparative study with some new concepts. Artificial Intelligence Review, 2014, 41, 331-357.	15.7	1
2575	Fuzzy approach - a new chapter in the methodology of psychology?. Human Affairs, 2014, 24, 189-203.	0.3	13
2576	A data mining algorithm for fuzzy transaction data. Quality and Quantity, 2014, 48, 2963-2971.	3.7	3
2577	A fuzzy framework for offline signature verification. , 2014, , .		0
2578	Linguistic group decision making with induced aggregation operators and probabilistic information. Applied Soft Computing Journal, 2014, 24, 669-678.	7.2	56
2579	Interval MV-algebras and generalizations. International Journal of Approximate Reasoning, 2014, 55, 1623-1642.	3.3	3
2580	Consistency and consensus measures for linguistic preference relations based on distribution assessments. Information Fusion, 2014, 17, 46-55.	19.1	461
2582	An ordinal approach to computing with words and the preference–aversion model. Information Sciences, 2014, 258, 239-248.	6.9	12
2583	Central tendency for symmetric random fuzzy numbers. Information Sciences, 2014, 278, 599-613.	6.9	5
2584	A distance-based statistical analysis of fuzzy number-valued data. International Journal of Approximate Reasoning, 2014, 55, 1487-1501.	3.3	63
2585	On new operational laws of 2-tuple linguistic information using Archimedean t-norm and s-norm. Knowledge-Based Systems, 2014, 66, 156-165.	7.1	38

#	ARTICLE	IF	CITATIONS
2586	Submeasures on nuanced MV-algebras. Fuzzy Sets and Systems, 2014, 244, 106-122.	2.7	0
2587	A method based on induced aggregation operators and distance measures to multiple attribute decision making under 2-tuple linguistic environment. Journal of Computer and System Sciences, 2014, 80, 1339-1349.	1.2	33
2588	A new linguistic computational model based on discrete fuzzy numbers for computing with words. Information Sciences, 2014, 258, 277-290.	6.9	165
2589	An axiomatizable logical foundation for lattice-ordered qualitative linguistic approach for reasoning with words. Information Sciences, 2014, 263, 110-125.	6.9	14
2590	Web software fault prediction under fuzzy environment using MODULO-M multivariate overlapping fuzzy clustering algorithm and newly proposed revised prediction algorithm. Applied Soft Computing Journal, 2014, 22, 372-396.	7.2	8
2591	Fully fuzzy polynomial regression with fuzzy neural networks. Neurocomputing, 2014, 142, 486-493.	5.9	26
2592	A survey of computational intelligence approaches for software reliability prediction. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2014, 39, 1-10.	0.7	10
2593	Reaching Consensus in Digital Libraries: A Linguistic Approach. Procedia Computer Science, 2014, 31, 449-458.	2.0	10
2594	Three-way decisions space and three-way decisions. Information Sciences, 2014, 281, 21-52.	6.9	205
2595	Modeling of a semantics core of linguistic terms based on an extension of hedge algebra semantics and its application. Knowledge-Based Systems, 2014, 67, 244-262.	7.1	37
2596	A construction of sound semantic linguistic scales using 4-tuple representation of term semantics. International Journal of Approximate Reasoning, 2014, 55, 763-786.	3.3	31
2597	Learning TSK-0 linguistic fuzzy rules by means of local search algorithms. Applied Soft Computing Journal, 2014, 21, 57-71.	7.2	8
2598	Type-2 operations on finite chains. Fuzzy Sets and Systems, 2014, 236, 33-49.	2.7	16
2599	Fuzzy inference mechanism for recognition of contact states in intelligent robotic assembly. Journal of Intelligent Manufacturing, 2014, 25, 571-587.	7.3	28
2600	Selecting Green Supplier of Thermal Power Equipment by Using a Hybrid MCDM Method for Sustainability. Sustainability, 2014, 6, 217-235.	3.2	118
2601	Human group optimiser for global numerical optimisation. International Journal of Bio-Inspired Computation, 2014, 6, 333.	0.9	4
2602	An EOQ model of an item with imprecise seasonal time via genetic algorithm. International Journal of Operational Research, 2014, 19, 358.	0.2	9
2603	Hesitant fuzzy linguistic information aggregation in decision making. International Journal of Operational Research, 2014, 21, 489.	0.2	5

#	ARTICLE	IF	CITATIONS
2604	Interval Type-2 Fuzzy Logic Adaptive Modelling for Human Operators Undergoing Mental Stress. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9880-9885.	0.4	6
2605	The Multi-Criteria Negotiation Analysis Based on the Membership Function. Studies in Logic, Grammar and Rhetoric, 2014, 37, 195-217.	0.1	6
2606	Evolving Complex-Valued Interval Type-2 Fuzzy Inference System. , 2015, , .		1
2607	A mobile agent team works model for HPC big data analysis: Fuzzy logic application. , 2015, , .		0
2608	Touch interface for the knowledge edition in artifice intelligence tools. , 2015, , .		0
2609	Modified adaptive critic-based control for a class of robotic rehabilitation systems. , 2015, , .		1
2610	A new linguistic scale for Interval Type-2 Trapezoidal Fuzzy Number based Multiple Criteria Decision Making method. , 2015, , .		2
2611	Operation Properties and delta-Equalities of Complex Fuzzy Classes. , 2015, , .		2
2612	New intuitionistic fuzzy approach with multi-objective optimisation on the basis of ratio analysis method. International Journal of Business and Systems Research, 2015, 9, 355.	0.3	9
2613	Dynamic Multi-Attribute Group Decision Making Model Based on Generalized Interval-Valued Trapezoidal Fuzzy Numbers. Cybernetics and Information Technologies, 2015, 14, 11-28.	1.1	2
2614	A Composition of Fuzzy Sets. Studia Humana, 2015, 4, 39-46.	0.2	0
2615	Intelligent modelling of continuous stirred tank reactor process. International Journal of Automation and Control, 2015, 9, 143.	0.5	0
2616	Fuzzy logic and coherence control in multi-criteria evaluation of urban redevelopment projects. International Journal of Business Intelligence and Data Mining, 2015, 10, 73.	0.2	32
2617	SPARQL queries on RDF with fuzzy constraints and preferences. Journal of Intelligent and Fuzzy Systems, 2015, 30, 183-195.	1.4	21
2618	Similarity measures of interval-valued fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2113-2125.	1.4	11
2619	Linear optimization with fuzzy variable overÂfuzzy polytope. Journal of Intelligent and Fuzzy Systems, 2015, 29, 499-507.	1.4	2
2620	Reducing the Impact of Uncertainties in Networked Control Systems Using Type-2 Fuzzy Logic. Journal of Electrical Engineering, 2015, 65, 364-370.	0.7	2
2621	Energy efficient load balancing algorithm in cloud based wireless sensor network. , 2015, , .		4

#	Article	IF	Citations
2622	Fuzzy approximate reasoning toward Multi-Objective optimization policy: Deployment for supply chain programming. , 2015, , .		3
2623	A multi-stage new product development using fuzzy Type-2 sets in a real option valuation. , 2015, , .		1
2624	Improvement of MR brain images segmentation based on interval type-2 fuzzy C-Means. , 2015, , .		1
2625	Fuzzy Decision Support Based on Exact Rule Matching for Liquid Lift Optimization. , 2015, , .		3
2626	On transitioning from type-1 to interval type-2 fuzzy logic systems. , 2015, , .		4
2628	Classification Based on Lingual Variables Using Expert Matrix Obtained with Genetic Algorithm. Procedia Computer Science, 2015, 71, 143-149.	2.0	0
2629	Harnessing the Power of Type-2 Fuzzy Logic System in the Prediction of Reservoir Properties. , 2015, , .		3
2630	Using Computing with Words for Selecting Projects in Field of Fuel Consumption Reduction. Indian Journal of Science and Technology, 2015, 8, .	0.7	2
2631	Functional Risk Management Model to Evaluate the Strategic Sustainability of Road Freight Transport Enterprises. Mediterranean Journal of Social Sciences, 2015, , .	0.2	1
2632	Comparison of Fuzzy AHP and Fuzzy TOPSIS Methods for Math Teachers Selection. Indian Journal of Science and Technology, 2015, 8, .	0.7	34
2633	Using Multicriteria Futuristic Fuzzy Decision Hierarchy in SWOT Analysis. International Journal of Operations Research and Information Systems, 2015, 6, 38-56.	1.0	10
2634	A novel approach for optimization in a fuzzy finite capacity queuing model with system cost and expected degree of customer satisfaction. Decision Science Letters, 2015, 4, 487-496.	1.2	5
2635	Experiments on content based image classification using Color feature extraction. , 2015, , .		13
2636	Fuzzy logicâ€"a personal perspective. Fuzzy Sets and Systems, 2015, 281, 4-20.	2.7	237
2637	Random metric space of fuzzy numbers. International Journal of General Systems, 2015, 44, 591-600.	2.5	0
2639	Multiobjective Genetic Fuzzy Systems. , 2015, , 1479-1498.		3
2640	Risk analysis for Shanghai's electric power system under multiple uncertainties. Energy, 2015, 87, 104-119.	8.8	10
2641	A model to represent users trust in recommender systems using ontologies and fuzzy linguistic modeling. Information Sciences, 2015, 311, 102-118.	6.9	105

#	ARTICLE	IF	CITATIONS
2643	Finite element analysis of frictionless contact problems using fuzzy control approach. Engineering Computations, 2015, 32, 585-606.	1.4	4
2644	Aspect based summarization of reviews using naÃ¯ve Bayesian classifier and fuzzy logic. , 2015, , .		3
2645	The tupel model of basic components' set formation for cyberattacks. , 2015, , .		3
2646	Applying Interval Type-2 Fuzzy Rule Based Classifiers Through a Cluster-Based Class Representation. , 2015, , .		0
2647	Cognitive measurements for new generation knowledge acquisition systems. , 2015, , .		0
2648	A fuzzy multiple attribute decision making method based on possibility degree. , 2015, , .		2
2649	A knowledge-based framework for a mobile OLAP system. International Journal of Decision Support Systems, 2015, 1, 72.	0.1	0
2650	Thresholding of pathological images using Atanassov's intuitionistic fuzzy set. International Journal of Medical Engineering and Informatics, 2015, 7, 101.	0.3	0
2651	An AHP-PROMETHEE II method for 2-tuple linguistic multicriteria group decision making. , 2015, , .		7
2652	New operations of hesitant fuzzy linguistic term sets with applications in multi-attribute group decision making. , 2015, , .		10
2653	Fuzzy linguistic aggregation to synthesize the Hourglass of Emotions. , 2015, , .		2
2654	Optimization of hybrid robot control system using artificial hormones and fuzzy logic. , 2015, , .		0
2655	Ordering of fuzzy numbers through linguistic approximation based on Bonissone's two step method. , 2015, , .		1
2656	Trust evaluation for buyer-supplier relationship concerning fuzzy approach. , 2015, , .		4
2657	On the probability of a fuzzy event, with application to nonmonotonic reasoning. , 2015, , .		3
2658	Interval type-2 fuzzy-model-based control design for time-delay systems under imperfect premise matching. , 2015, , .		1
2659	Adaptive interval type-2 fuzzy sliding mode controller design for flexible air-breathing hypersonic vehicles. , 2015, , .		3
2660	Generalized Predictive Control using Interval Type-2 Fuzzy models. , 2015, , .		2

#	Article	IF	Citations
2661	On generalizing covering approximation space. Journal of the Egyptian Mathematical Society, 2015, 23, 535-545.	1.2	27
2662	Integrating complementary/contradictory information into fuzzy-based VoI determinations. , 2015, , .		4
2663	Memetic approach to anonymizing groups that can be approximated by a fuzzy inference system. , 2015, , .		2
2664	Research on the intelligent decision support system of the urban emergency command in the cloud computing environment. , 2015, , .		0
2665	Design of an Optimal ANFIS Traffic Signal Controller by Using Cuckoo Search for an Isolated Intersection. , 2015, , .		3
2666	Combi boiler system modeling with fuzzy inference mechanism and Fuzzy Copras method. , 2015, , .		1
2667	A New Ranking Approach for General Interval Type 2 Fuzzy Sets Using Extended Alpha Cuts Representation. , 2015, , .		3
2668	“Give me what I want” - enabling complex queries on rich multi-attribute data. , 2015, , .		2
2669	Levenberg-Marquardt training method for Type-2 fuzzy neural networks and its stability analysis. , 2015, , .		2
2670	How to select web services intelligently on the basis of a Brain inspired method for solving fuzzy multi-criteria decision making problems. , 2015, , .		0
2671	Images segmentation based on interval type-2 Fuzzy C-Means. , 2015, , .		0
2672	Parametric Matroid of Rough Set. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 893-908.	1.9	6
2673	Finite Systems Handling Language (YAFOLL message 1). Studia Humana, 2015, 4, 3-12.	0.2	0
2674	Real-time health status monitoring system based on a fuzzy agent model. , 2015, , .		4
2675	A fuzzy content matching-based e-Commerce recommendation approach. , 2015, , .		1
2676	Developing a smart charger for EVs' charging impact mitigation. , 2015, , .		3
2677	Decision Making Approaches Based on Type 2 Fuzzy Soft Sets. , 2015, , .		0
2678	Bifurcations of fuzzy solutions. , 2015, , .		0

#	Article	IF	Citations
2679	Deblurring Filter Design Based on Fuzzy Regression Modeling and Perceptual Image Quality Assessment. , 2015, , .		0
2680	Appraisement and benchmarking of supply chain performance extent. Grey Systems Theory and Application, 2015, 5, 2-30.	2.1	3
2681	A linguistic 2-tuple multicriteria decision making model dealing with hesitant linguistic information. , 2015, , .		2
2682	Interval Type-2 Beta Fuzzy Basis Functions: Some Properties and their First-Order Derivatives. , 2015, , .		5
2683	An Involutive Picture Fuzzy Negator on Picture Fuzzy Sets and Some De Morgan Triples. , 2015, , .		12
2684	Intelligent cuckoo search optimized traffic signal controllers for multi-intersection network. Expert Systems With Applications, 2015, 42, 4422-4431.	7.6	31
2685	Traffic Video Classification using edge detection techniques. , 2015, , .		2
2686	Critique of â€œFootprint of uncertainty for type-2 fuzzy setsâ€•[9]. Information Sciences, 2015, 308, 1-2.	6.9	2
2687	A probabilistic approach to the arithmetics of fuzzy numbers. Fuzzy Sets and Systems, 2015, 264, 64-75.	2.7	10
2688	Three-way decisions based on decision-theoretic rough sets under linguistic assessment with the aid of group decision making. Applied Soft Computing Journal, 2015, 29, 256-269.	7.2	162
2689	Some two-dimensional uncertain linguistic Heronian mean operators and their application in multiple-attribute decision making. Neural Computing and Applications, 2015, 26, 1461-1480.	5.6	39
2690	2-Tuple linguistic soft set and its application to group decision making. Soft Computing, 2015, 19, 1201-1213.	3.6	22
2691	Risk prioritization in Failure Mode and Effects Analysis using interval type-2 fuzzy sets. Expert Systems With Applications, 2015, 42, 4000-4015.	7.6	87
2692	Models for Computational Emotions from Psychological Theories Using Type-II Fuzzy Logic. Cognitive Computation, 2015, 7, 309-332.	5.2	11
2693	Grey qualitative modeling and control method for subjective uncertain systems. International Journal of Automation and Computing, 2015, 12, 70-76.	4.5	5
2694	Approximation of centroid end-points and switch points for replacing type reduction algorithms. International Journal of Approximate Reasoning, 2015, 66, 39-52.	3.3	2
2695	A fuzzy nonparametric Shewhart chart based on the bootstrap approach. International Journal of Applied Mathematics and Computer Science, 2015, 25, 389-401.	1.5	22
2696	On truth-gaps, truth-gluts, and bipolar propositions. International Journal of Approximate Reasoning, 2015, 56, 137-151.	3.3	0

#	Article	IF	Citations
2697	A hybrid approach for linguistic information integration to multi-experts multi-attribute decision-making problem. , 2015, , .		0
2698	A hesitant fuzzy linguistic multi-granularity decision making model based on distance measures. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1519-1531.	1.4	47
2699	A novel membership value based performance measure. Journal of Intelligent and Fuzzy Systems, 2015, 28, 919-928.	1.4	1
2700	An extended TOPSIS method for multiple attribute group decision making based on single valued neutrosophic linguistic numbers. Journal of Intelligent and Fuzzy Systems, 2015, 28, 247-255.	1.4	100
2701	Comparison and links between two 2-tuple linguistic models for decision making. Knowledge-Based Systems, 2015, 87, 61-68.	7.1	20
2702	Complex Fuzzy Sets and Complex Fuzzy Logic an Overview of Theory and Applications. Studies in Fuzziness and Soft Computing, 2015, , 661-681.	0.8	45
2703	Fuzzy Rule-Based Systems. , 2015, , 203-218.		23
2704	Interpretability of Fuzzy Systems: Current Research Trends and Prospects. , 2015, , 219-237.		71
2705	Soft Computing in Database and Information Management. , 2015, , 295-312.		4
2706	Aggregation Functions on [0,1]. , 2015, , 61-74.		5
2707	F-Transform. , 2015, , 113-130.		10
2708	Bio-Inspired Optimization of Type-2 Fuzzy Controllers. , 2015, , 1499-1507.		0
2709	Uncertain linguistic fuzzy soft sets and their applications in group decision making. Applied Soft Computing Journal, 2015, 34, 587-605.	7.2	31
2710	Multi-criteria decision-making based on hesitant fuzzy linguistic term sets: An outranking approach. Knowledge-Based Systems, 2015, 86, 224-236.	7.1	93
2711	Toward a Restriction-Centered Theory of Truth and Meaning (RCT). Studies in Fuzziness and Soft Computing, 2015, , 1-24.	0.8	1
2712	A decision support system to develop a quality management in academic digital libraries. Information Sciences, 2015, 323, 48-58.	6.9	57
2713	On the use of inclusion structure in fuzzy clustering algorithm in case of Gaussian membership functions. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1477-1493.	1.4	6
2714	A gender classification approach based on 3D depth-radial curves and fuzzy similarity based classification. , 2015, , .		3

#	Article	IF	Citations
2715	Managing experts behavior in large-scale consensus reaching processes with uninorm aggregation operators. Applied Soft Computing Journal, 2015, 35, 873-887.	7.2	152
2716	Permutable fuzzy consequence and interior operators and their connection with fuzzy relations. Information Sciences, 2015, 310, 36-51.	6.9	4
2717	The statistical inferences of fuzzy regression based on bootstrap techniques. Soft Computing, 2015, 19, 883-890.	3.6	28
2718	Sustainability Evaluation of Surface Water Quality Management Options in Developing Countries: Multicriteria Analysis Using Fuzzy UTASTAR Method. Water Resources Management, 2015, 29, 2987-3013.	3.9	29
2719	Fuzzy time series forecasting of bunker prices. WMU Journal of Maritime Affairs, 2015, 14, 177-199.	2.7	8
2720	Walking pattern classification using a granular linguistic analysis. Applied Soft Computing Journal, 2015, 33, 100-113.	7.2	11
2721	A type-1 fuzzy logic algorithm to manage the flow of energy in a stand-alone PV/wind/battery hybrid system. , 2015, , .		2
2722	Ways of Increasing of the Effectiveness of the Making Decisions by Intelligent Systems Using Fuzzy Inference. Advances in Intelligent Systems and Computing, 2015, , 23-28.	0.6	0
2723	Content based video classification using fuzzy rule base for edge detection. , 2015, , .		1
2724	$\tilde{I}$-Fuzzy Associative Memories ($\tilde{I}$-FAMs). IEEE Transactions on Fuzzy Systems, 2015, , 1-1.	9.8	9
2725	Fuzzy Classification of Online Customers. Fuzzy Management Methods, 2015, , .	0.1	32
2726	Direct inverse control of cable-driven parallel system based on type-2 fuzzy systems. Information Sciences, 2015, 310, 1-15.	6.9	5
2727	SOME HERONIAN MEAN OPERATORS WITH 2-TUPLE LINGUISTIC INFORMATION AND THEIR APPLICATION TO MULTIPLE ATTRIBUTE GROUP DECISION MAKING. Technological and Economic Development of Economy, 2015, 21, 797-814.	4.6	22
2728	FUZZY SETS AND FUZZY LOGIC IN MULTI-CRITERIA DECISION MAKING. THE 50TH ANNIVERSARY OF PROF. LOTFI ZADEHâ€™S THEORY: INTRODUCTION. Technological and Economic Development of Economy, 2015, 21, 677-683.	4.6	28
2729	Screening Diagnosis of Gastric Cancer Based on Fuzzy Models of Blood Composition and on Patientâ€™s Anamnesis. Bio-Medical Engineering, 2015, 49, 94-97.	0.5	2
2730	SICTQUAL: A fuzzy linguistic multi-criteria model to assess the quality of service in the ICT sector from the user perspective. Applied Soft Computing Journal, 2015, 37, 897-910.	7.2	26
2731	A new interpretation on fuzzy differential equations: Linguistic concepts evolving over time. , 2015, , .		0
2732	Edge detection method based on Interval type-2 fuzzy systems for color images. , 2015, , .		5

#	Article	IF	Citations
2733	A Thorough Evaluation of Discrete Cosine Transform for Content Based Video Classification. , 2015, , .		0
2734	Bearing fault detection based on interval type-2 fuzzy logic systems for support vector machines. , 2015, , .		5
2735	A HYBRID MODEL FOR DECISION-MAKING IN THE INFORMATION AND COMMUNICATIONS TECHNOLOGY SECTOR. Technological and Economic Development of Economy, 2015, 21, 720-737.	4.6	15
2736	Evaluative linguistic expressions vs. fuzzy categories. Fuzzy Sets and Systems, 2015, 281, 73-87.	2.7	19
2737	Pavelka-style fuzzy logic in retrospect and prospect. Fuzzy Sets and Systems, 2015, 281, 61-72.	2.7	10
2738	Perception-Based Software Release Planning. Intelligent Automation and Soft Computing, 2015, 21, 175-195.	2.1	7
2739	Simple heuristic approach for training of Type-2 NEO-Fuzzy Neural Network. , 2015, , .		1
2740	Integrating Ontologies and Fuzzy Logic to Represent User-Trustworthiness in Recommender Systems. Procedia Computer Science, 2015, 55, 603-612.	2.0	19
2741	Stabilization algorithm for interval type-2 TSK fuzzy logic control systems with bounded time-varying delay. , 2015, , .		2
2742	Uncertainty Nonlinear Systems Modeling with Fuzzy Equations. , 2015, , .		13
2743	On minimal sets of graded attribute implications. Information Sciences, 2015, 294, 478-488.	6.9	4
2744	A Dynamic Recommender System as Reinforcement for Personalized Education by a Fuzzly Linguistic Web System. Procedia Computer Science, 2015, 55, 1143-1150.	2.0	23
2745	A soft computing framework to evaluate the efficacy of software project management. , 2015, , .		2
2746	Developing an Interval Type-2 TSK Fuzzy Logic Controller. , 2015, , .		7
2747	Notice of Removal Type-2 fuzzy cerebellar model articulation control system design for MIMO uncertain nonlinear systems. , 2015, , .		2
2748	The legacy of 50 years of fuzzy sets: A discussion. Fuzzy Sets and Systems, 2015, 281, 21-31.	2.7	40
2749	Basalt identification by interpreting nuclear and electrical well logging measurements using fuzzy technique (case study from southern Syria). Applied Radiation and Isotopes, 2015, 105, 92-97.	1.5	12
2750	Content based cartoon video classification using Dynamic Thepade's Ternary Block Truncation Coding (DTTBTC). , 2015, , .		0

#	ARTICLE	IF	CITATIONS
2751	Fuzzy modelling of uncertain data in the layers of protection analysis. , 2015, , .		1
2752	The posterity of Zadeh's 50-year-old paper. , 2015, , .		0
2753	Ranking members of sets with uncertain center by using general type-2 fuzzy membership values. , 2015, , .		0
2754	The fuzzy characterizing function of the distribution of a random fuzzy number. Applied Mathematical Modelling, 2015, 39, 4044-4056.	4.2	6
2755	An expansion of fuzzy information granules through successive refinements of their information content and their use to system modeling. Expert Systems With Applications, 2015, 42, 2985-2997.	7.6	10
2756	SISO fuzzy relational inference systems based on fuzzy implications are universal approximators. Fuzzy Sets and Systems, 2015, 277, 1-21.	2.7	24
2757	On multi-granular fuzzy linguistic modeling in group decision making problems: A systematic review and future trends. Knowledge-Based Systems, 2015, 74, 49-60.	7.1	205
2758	Duality in fuzzy linear programming: a survey. OR Spectrum, 2015, 37, 1-48.	3.4	9
2759	Extended symbolic approximate reasoning based on linguistic modifiers. Knowledge and Information Systems, 2015, 42, 633-661.	3.2	9
2760	A two-layer weight determination method for complex multi-attribute large-group decision-making experts in a linguistic environment. Information Fusion, 2015, 23, 156-165.	19.1	130
2761	Some consistency measures of extended hesitant fuzzy linguistic preference relations. Information Sciences, 2015, 297, 316-331.	6.9	102
2762	Generation of partial orders for intervals by means of the slope function. Fuzzy Sets and Systems, 2015, 266, 67-83.	2.7	0
2763	The power average operator for unbalanced linguistic term sets. Information Fusion, 2015, 22, 85-94.	19.1	38
2764	Project evaluation method using non-formatted text information based on multi-granular linguistic labels. Information Fusion, 2015, 24, 93-107.	19.1	20
2765	An approach to consensus measurement of linguistic preference relations in multi-attribute group decision making and application. Omega, 2015, 51, 83-92.	5.9	128
2766	Extended hesitant fuzzy linguistic term sets and their aggregation in group decision making. International Journal of Computational Intelligence Systems, 2015, 8, 14-33.	2.7	50
2767	A fuzzy expert system for automatic seismic signal classification. Expert Systems With Applications, 2015, 42, 1013-1027.	7.6	26
2768	A review on computational intelligence methods for controlling traffic signal timing. Expert Systems With Applications, 2015, 42, 1538-1550.	7.6	88

#	Article	IF	Citations
2769	Energy Utilization Evaluation of Carbon Performance in Public Projects by FAHP and Cloud Model. Sustainability, 2016, 8, 630.	3.2	28
2770	An Improved Hybrid Model for Order Quantity Allocation and Supplier Risk Exposure. International Journal of Fuzzy System Applications, 2016, 5, 120-147.	0.7	3
2771	A Fuzzy-Based Approach to Support Decision Making in Complex Military Environments. International Journal of Intelligent Information Technologies, 2016, 12, 1-30.	0.8	23
2772	High Order Time Series Forecasting using Fuzzy Discretization. International Journal of Fuzzy System Applications, 2016, 5, 147-164.	0.7	3
2773	PID, Fuzzy and Model Predictive Control Applied to a Practical Nonlinear Plant. International Journal of Robotics Applications and Technologies, 2016, 4, 19-42.	0.4	0
2774	Parameter weighting for multi-dimensional fuzzy inference systems. , 2016, , .		0
2775	Fuzzy ANP Model to Measure the Maintainability of Desktop Software based on Software Development Factors. Indian Journal of Science and Technology, 2016, 9, .	0.7	1
2776	A fuzzy model for a railway-planning problem. Applied Mathematical Sciences, 0, 10, 1333-1342.	0.1	4
2777	Characterizations of coalgebras in terms of interval valued (Î±, Î²)-fuzzy subcoalgebras. , 2016, , .		0
2778	Optimized daily diet composition for a nutritionally balanced diet: An application of Fuzzy Multiple Objective Linear Programming. , 2016, , .		5
2779	Towards general forms of interval type-2 fuzzy logic systems. , 2016, , .		4
2780	The prediction of cardiovascular disorders by fuzzy difference equations. , 2016, , .		4
2781	Fuzzy Intelligent System for Supporting Preeclampsia Diagnosis from the Patient Biosignals. Lecture Notes in Computer Science, 2016, , 3-14.	1.3	1
2782	Combining fuzzy experts' decisions fusion with linguistic summarization of mammograms for computer-aided breast diagnosis. , 2016, , .		0
2783	A bibliometric analysis of fuzzy decision making research. , 2016, , .		9
2784	A fuzzy multiple attribute decision making method based on possibility degree. Journal of Intelligent and Fuzzy Systems, 2016, 31, 787-794.	1.4	10
2785	Visualization and quantitative research on intuitionistic fuzzy studies. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3653-3663.	1.4	100
2786	An Investigation of Uncertainty Representation in Higher-Order Fuzzy Logic Systems. , 2016, , .		0

#	Article	IF	Citations
2787	Discrete Choquet integral based method for criteria synergy determination. , 2016, , .		1
2788	Type-2 fuzzy logic dynamic parameter adaptation in a new Fuzzy Differential Evolution method. , 2016, , .		4
2789	A novel intuitionistic fuzzy set approach for segmentation of kidney MR images. , 2016, , .		1
2790	Three-way decisions based on type-2 fuzzy sets and interval-valued type-2 fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2016, 31, 1385-1395.	1.4	8
2791	Evolutionary hierarchical fuzzy modeling of Interval Type-2 Beta Fuzzy Systems. , 2016, , .		3
2792	A hybrid supplier selection model considering non-homogeneous group decision makers. , 2016, , .		1
2793	Join and meet operations for interval-valued complex fuzzy logic. , 2016, , .		11
2794	The fuzzy Bornhuetter–Ferguson method: an approach with fuzzy numbers. Annals of Actuarial Science, 2016, 10, 303-321.	1.5	8
2795	Encoding words for intelligent evaluation of injection-production wells pattern based on enhanced interval approach. , 2016, , .		2
2796	Harnessing the Power of Type-2 Fuzzy Logic System to Achieve Improved Permeability Prediction Accuracy in a Hybrid Setting. , 2016, , .		0
2797	Measuring agreement on linguistic expressions in medical treatment scenarios. , 2016, , .		4
2798	Weight determination for MAGDM with linguistic information based on IT2 fuzzy sets. , 2016, , .		1
2799	Empirical study on combining complementary and contradictory information in a fuzzy-based system. , 2016, , .		2
2800	Analysis using analytical structure on the fitting ability of interval type-2 fuzzy model with non-symmetrical fuzzy sets. , 2016, , .		0
2801	Mapping development of linguistic decision making studies. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2727-2736.	1.4	77
2802	Fuzzy differential evolution method with dynamic parameter adaptation using type-2 fuzzy logic. , 2016, , .		11
2803	SINGRAR–A Distributed Expert System for Emergency Management: Context and Design. Integrated Series on Information Systems, 2016, , 243-274.	0.1	0
2804	Interval type-2 fuzzy-model-based control design for systems subject to actuator saturation under imperfect premise matching. , 2016, , .		5

#	Article	IF	Citations
2805	Online temporal reasoning for event and data streams processing. , 2016, , .		5
2806	A procurement decision support mechanism on multi-attribute fuzzy-interval auctions. , 2016, , .		0
2807	A Linguistic Representation Method for Kansei Data. , 2016, , .		0
2808	Bivariate fully fuzzy interpolation problem using artificial neural networks approach. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2267-2275.	1.4	1
2809	Intuitionistic linguistic label: An equivalent form of intuitionistic linguistic number. , 2016, , .		2
2810	Context-aware architecture utilizing computing with words and ISO/IEC/IEEE 42010. , 2016, , .		0
2811	Improving queries and representing heterogeneous information in Fuzzy Ontologies using multi-granular fuzzy linguistic modelling methods. , 2016, , .		0
2812	On the sensitivity of type-2 fuzzy signatures and the generalizations of the extension principle. , 2016, , .		0
2813	Intuitionistic Neo-Fuzzy predictive control. , 2016, , .		2
2814	Generation of linguistic membership functions from word vectors. , 2016, , .		3
2815	Proposal of an Intelligent, Predictive Fuzzy Controller for Off-Grid Devices. IFAC-PapersOnLine, 2016, 49, 523-528.	0.9	2
2816	A virtual machine for event sequence identification using fuzzy tolerance. , 2016, , .		1
2817	A supplier selection model with fuzzy risk analysis using the balanced solution technique with a soft set. Pacific Science Review A Natural Science and Engineering, 2016, 18, 162-168.	0.4	6
2818	Linguistic approach in medical diagnosis. , 2016, , .		0
2819	Fuzzy unbalanced linguistic variables to enhance the course assessment process. , 2016, , .		1
2820	Intuitionistic Neo-Fuzzy Network for modeling of nonlinear systems dynamics. , 2016, , .		3
2821	Interval-valued complex fuzzy logic. , 2016, , .		39
2822	Multiple attribute decision making using hesitant triangular fuzzy sets. , 2016, , .		4

#	Article	IF	Citations
2823	Closeness in similarity-based reasoning with an interpolation condition. Fuzzy Sets and Systems, 2016, 292, 333-346.	2.7	2
2824	Compatibility of fuzzy power relations. Fuzzy Sets and Systems, 2016, 298, 44-55.	2.7	2
2825	Using fuzzy logic control approach and model reduction for solving frictional contact problems. Engineering Computations, 2016, 33, 1006-1032.	1.4	1
2826	A conceptual model for automation of product dynamic pricing and sales promotion for a retail organization. Kybernetes, 2016, 45, 490-507.	2.2	2
2827	Monotonicity of SISO Fuzzy Relational Inference With an Implicative Rule Base. IEEE Transactions on Fuzzy Systems, 2016, 24, 1475-1487.	9.8	15
2828	Accurate Semantic Similarity Measurement of Biomedical Nomenclature by Means of Fuzzy Logic. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2016, 24, 291-305.	1.9	11
2829	Fuzzy relations between Dempsterâ€"Shafer belief structures. Knowledge-Based Systems, 2016, 105, 60-67.	7.1	7
2830	Hair-oriented data model for spatio-temporal data representation. Expert Systems With Applications, 2016, 59, 119-144.	7.6	1
2831	FUZZY METHOD FOR ANALYSING UNCERTAINTY IN THE SUSTAINABLE DESIGN OF CONCRETE STRUCTURES. Journal of Civil Engineering and Management, 2016, 22, 924-935.	3.5	24
2832	The Decision of Tasks of Estimation of the State Automotive-road Service System. Procedia Engineering, 2016, 150, 2062-2066.	1.2	1
2833	Building a typeâ€2 fuzzy regression model based on credibility theory and its application on arbitrage pricing theory. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 720-729.	1.4	5
2834	Relational division in rank-aware databases. Information Sciences, 2016, 366, 48-69.	6.9	4
2835	Interval type-2 fuzzy based pixel wise information extraction: An improved approach to face recognition. , 2016, , .		3
2836	Group Decision Making in Linguistic Contexts: An Information Granulation Approach. Procedia Computer Science, 2016, 91, 715-724.	2.0	5
2837	Edge Detection Method for Latent Fingerprint Images Using Intuitionistic Type-2 Fuzzy Entropy. Cybernetics and Information Technologies, 2016, 16, 205-218.	1.1	8
2838	Rough Sets by Indiscernibility Relations in Data Sets Containing Possibilistic Information. Lecture Notes in Computer Science, 2016, , 187-196.	1.3	3
2839	An integrated type-2 fuzzy sliding mode control for underactuated surface vessels. , 2016, , .		0
2840	Categories of Fuzzy Relations. , 2016, , 183-208.		0

#	Article	IF	Citations
2841	A MAGDM Method Based on 2-Tuple Linguistic Heronian Mean and New Operational Laws. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2016, 24, 593-627.	1.9	18
2842	A u-map representation of general type-2 fuzzy sets via concepts from activation detection: Application to constructing type-2 fuzzy set measures. Expert Systems With Applications, 2016, 64, 169-193.	7.6	7
2843	The fuzzy saw and fuzzy TOPSIS procedures based on ordered fuzzy numbers. Information Sciences, 2016, 369, 564-584.	6.9	92
2844	On the measure based formulation of multi-criteria decision functions. Information Sciences, 2016, 370-371, 256-269.	6.9	7
2845	Modeling of product sales promotion and price discounting strategy using fuzzy logic in a retail organization. Industrial Management and Data Systems, 2016, 116, 1418-1444.	3.7	7
2846	The multi-criteria group decision making methodology using type 2 fuzzy linguistic judgments. Applied Soft Computing Journal, 2016, 49, 189-211.	7.2	44
2847	Behavioral multi-criteria decision making with multi-granularity 2-dimension fuzzy linguistic variables. , 2016, , .		0
2848	Interval type-2 modified fuzzy c-regression model clustering algorithm in TS Fuzzy Model identification. , 2016, , .		3
2849	Fundamental Properties of Pythagorean Fuzzy Aggregation Operators. Fundamenta Informaticae, 2016, 147, 415-446.	0.4	106
2850	A proposal for an intuitionistic fuzzy inference system. , 2016, , .		6
2851	Evaluating student performance using fuzzy inference system in fuzzy ITS. , 2016, , .		8
2852	Generalized differentiability for n -dimensional fuzzy-number-valued functions and fuzzy optimization. Information Sciences, 2016, 374, 151-163.	6.9	18
2853	Rough and fuzzy sets approach for incident identification in railway infrastructure management system. , 2016, , .		6
2854	Properties of interval valued intuitionistic (S,T) â€" Fuzzy graphs. Pacific Science Review A Natural Science and Engineering, 2016, 18, 30-37.	0.4	10
2855	Linguistic hesitant fuzzy power aggregation operators and their applications in multiple attribute decision-making. Information Sciences, 2016, 367-368, 809-826.	6.9	46
2856	Interactive Fuzzy-Boundary Interval Programming for Water Resources Management of the Hetao Basin, China. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 04016056.	1.0	7
2857	An optimization-based approach to estimate the range of consistency in hesitant fuzzy linguistic preference relations. , 2016, , .		3
2858	Interval type-2 fuzzy logic for dynamic parameter adaptation in the Harmony search algorithm. , 2016, , .		8

#	Article	IF	Citations
2859	Complex intuitionistic fuzzy classes. , 2016, , .		8
2860	A fuzzy system for dynamic parameter adaptation in gravitational search algorithm. , 2016, , .		5
2861	Construction of linguistic variables from data and domain knowledge. , 2016, , .		0
2862	Negation of Fuzzy-Linguistic Concepts in Hierarchical Domains. , 2016, , .		0
2863	Construction of linguistic variables based on rule induction and concept hierarchy. , 2016, , .		0
2864	Transformation-based constraint-guided Generalised Modus Ponens. , 2016, , .		4
2865	Using distances between unbalanced linguistic assessments for group decision-making. , 2016, , .		1
2866	A comparison technique for ill-known time intervals. , 2016, , .		1
2867	Traffic flow data forecasting based on interval type-2 fuzzy sets theory. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 141-148.	13.1	45
2868	The 2017 IEEE International Conference on Fuzzy Systems. IEEE Computational Intelligence Magazine, 2016, 11, C3-C3.	3.2	0
2869	Assessing customer value for express service providers: An empirical study from shippers' perspective in Taiwan. Journal of Air Transport Management, 2016, 55, 203-212.	4.5	5
2870	Determining factors affecting healthcare service satisfaction utilizing fuzzy rule-based systems. Journal of Applied Statistics, 2016, 43, 2474-2489.	1.3	3
2871	Fuzzy time series forecasting of nonstationary wind and wave data. Ocean Engineering, 2016, 121, 1-12.	4.3	34
2872	Fuzzified AHP in the evaluation of scientific monographs. Central European Journal of Operations Research, 2016, 24, 353-370.	1.8	11
2873	Computing sets of graded attribute implications with witnessed non-redundancy. Information Sciences, 2016, 351, 90-100.	6.9	6
2874	Evolutionary Fuzzy Systems: A Case Study in Imbalanced Classification. Studies in Fuzziness and Soft Computing, 2016, , 169-200.	0.8	1
2875	Psychological tests from a (fuzzy-)logical point of view. Quality and Quantity, 2016, 50, 2395-2416.	3.7	15
2876	A New Vision of Zadeh's Z-numbers. Communications in Computer and Information Science, 2016, , 581-592.	0.5	0

#	Article	IF	Citations
2877	An extended TODIM method for multiple attribute group decision-making based on 2-dimension uncertain linguistic Variable. Complexity, 2016, 21, 20-30.	1.6	99
2878	Linguistic rough sets. International Journal of Machine Learning and Cybernetics, 2016, 7, 953-966.	3.6	3
2879	The mean square error of a random fuzzy vector based on the support function and the Steiner point. Fuzzy Sets and Systems, 2016, 292, 347-363.	2.7	3
2880	Fuzzy Time Series Modeling Approaches: A Review. Studies in Fuzziness and Soft Computing, 2016, , 11-39.	0.8	2
2881	A Kansei evaluation approach based on the technique of computing with words. Advanced Engineering Informatics, 2016, 30, 1-15.	8.0	55
2882	Parameterizing the Semantics of Fuzzy Attribute Implications by Systems of Isotone Galois Connections. IEEE Transactions on Fuzzy Systems, 2016, 24, 645-660.	9.8	11
2883	Development of some linguistic aggregation operators with conservation of interaction between criteria and their application in multiple attribute group decision problems. Top, 2016, 24, 635-664.	1.6	6
2884	Bipolar queries on fuzzy univalued and multivalued attributes in object databases. Fuzzy Sets and Systems, 2016, 292, 175-192.	2.7	4
2885	Nearest-Neighbor Spline Approximation (NNSA) Improvement to TSK Fuzzy Systems. IEEE Transactions on Industrial Informatics, 2016, 12, 169-178.	11.3	10
2886	Interactive algorithms for improving incomplete linguistic preference relations based on consistency measures. Applied Soft Computing Journal, 2016, 42, 66-79.	7.2	60
2887	Incorporating biological knowledge for construction of fuzzy networks of gene associations. Applied Soft Computing Journal, 2016, 42, 144-155.	7.2	10
2888	Fusion of preferences from different perspectives in a decision-making context. Information Fusion, 2016, 29, 120-131.	19.1	13
2889	Transcribing Debussy's Syrinx dynamics through Linguistic Description: The MUDELD algorithm. Fuzzy Sets and Systems, 2016, 285, 199-216.	2.7	2
2890	Crop planning and water resource allocation for sustainable development of an irrigation region in China under multiple uncertainties. Agricultural Water Management, 2016, 166, 53-69.	5.6	56
2891	On sets of graded attribute implications with witnessed non-redundancy. Information Sciences, 2016, 329, 434-446.	6.9	2
2892	Join and Meet Operations for Type-2 Fuzzy Sets With Nonconvex Secondary Memberships. IEEE Transactions on Fuzzy Systems, 2016, 24, 1000-1008.	9.8	19
2893	Improving Linguistic Pairwise Comparison Consistency via Linguistic Discrete Regions. IEEE Transactions on Fuzzy Systems, 2016, 24, 600-614.	9.8	10
2894	Intuitionistic hesitant linguistic sets and their application in multi-criteria decision-making problems. Operational Research, 2016, 16, 131-160.	2.0	37

#	Article	IF	Citations
2895	Description of multivariate time series by means of trends characterization in the fuzzy domain. Fuzzy Sets and Systems, 2016, 285, 118-139.	2.7	7
2896	Convexity of n -dimensional fuzzy number-valued functions and its applications. Fuzzy Sets and Systems, 2016, 295, 19-36.	2.7	13
2897	On the relation between fuzzy and generalized quantifiers. Fuzzy Sets and Systems, 2016, 294, 125-135.	2.7	6
2898	Creating knowledge databases for storing and sharing people knowledge automatically using group decision making and fuzzy ontologies. Information Sciences, 2016, 328, 418-434.	6.9	34
2899	Robustness of fuzzy connectives and fuzzy reasoning with respect to general divergence measures. Fuzzy Sets and Systems, 2016, 294, 63-78.	2.7	9
2900	A linguistic fusion approach for heterogeneous Environmental Impact Significance Assessment. Applied Mathematical Modelling, 2016, 40, 1402-1417.	4.2	10
2901	Enhancing Fingrams to deal with precise fuzzy systems. Fuzzy Sets and Systems, 2016, 297, 1-25.	2.7	10
2902	Evaluating and selecting maritime suppliers. Maritime Policy and Management, 2016, 43, 39-58.	3.8	7
2903	Dynamic linguistic descriptions of time series applied to self-track the physical activity. Fuzzy Sets and Systems, 2016, 285, 162-181.	2.7	21
2904	Linguistic hesitant fuzzy multi-criteria decision-making method based on evidential reasoning. International Journal of Systems Science, 2016, 47, 314-327.	5.5	59
2905	Fuzzy measure identification for criteria coalitions using linguistic information. Soft Computing, 2016, 20, 1315-1327.	3.6	8
2906	A novel multivariate fuzzy time series based forecasting algorithm incorporating the effect of clustering on prediction. Soft Computing, 2016, 20, 1991-2019.	3.6	14
2907	Multiple attribute group decision-making methods based on trapezoidal fuzzy two-dimension linguistic power generalized aggregation operators. Soft Computing, 2016, 20, 2689-2704.	3.6	25
2908	Generalized Hybrid Aggregation Operators Based on the 2-Dimension Uncertain Linguistic Information for Multiple Attribute Group Decision Making. Group Decision and Negotiation, 2016, 25, 103-126.	3.3	67
2909	Rank of interval-valued fuzzy matrices. Afrika Matematika, 2016, 27, 97-114.	0.8	7
2910	Multi-objective optimization problem under fuzzy rule constraints using particle swarm optimization. Soft Computing, 2016, 20, 2245-2259.	3.6	20
2911	On fuzzy differential equations in the quotient space of fuzzy numbers. Fuzzy Sets and Systems, 2016, 295, 72-98.	2.7	47
2912	Fault tree analysis based on TOPSIS and triangular fuzzy number. International Journal of Systems Assurance Engineering and Management, 2017, 8, 2064-2070.	2.4	18

#	Article	IF	Citations
2913	Ranking discrete fuzzy linguistic performance based on TODIM method. International Journal of Systems Assurance Engineering and Management, 2017, 8, 2046-2050.	2.4	3
2914	A brief review of modeling approaches based on fuzzy time series. International Journal of Machine Learning and Cybernetics, 2017, 8, 397-420.	3.6	70
2915	Robust scale estimators for fuzzy data. Advances in Data Analysis and Classification, 2017, 11, 731-758.	1.4	8
2916	A Fuzzy Linguistic Extended LibQUAL+ Model to Assess Service Quality in Academic Libraries. International Journal of Information Technology and Decision Making, 2017, 16, 225-244.	3.9	12
2917	Soft consensus measures in group decision making using unbalanced fuzzy linguistic information. Soft Computing, 2017, 21, 3037-3050.	3.6	134
2918	A fuzzy extension of Analytic Hierarchy Process based on the constrained fuzzy arithmetic. Fuzzy Optimization and Decision Making, 2017, 16, 89-110.	5.5	54
2919	Synchronization of uncertain fractional-order hyper-chaotic systems via a novel adaptive interval type-2 fuzzy active sliding mode controller. International Journal of Dynamics and Control, 2017, 5, 135-144.	2.5	23
2920	A Method for Unbalanced Linguistic Term Sets and its Application in Group Decision Making. International Journal of Fuzzy Systems, 2017, 19, 671-682.	4.0	15
2921	SPECIAL ISSUE â€œINTUITIONISTIC FUZZY THEORY AND ITS APPLICATION IN ECONOMY, TECHNOLOGY AND MANAGEMENTâ€. Technological and Economic Development of Economy, 2017, 22, 327-335.	4.6	9
2922	Managing Multigranular Linguistic Distribution Assessments in Large-Scale Multiattribute Group Decision Making. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3063-3076.	9.3	292
2923	Robust decision making using intuitionistic fuzzy numbers. Granular Computing, 2017, 2, 41-54.	8.0	73
2924	Type-2 Fuzzy Alpha-Cuts. IEEE Transactions on Fuzzy Systems, 2017, 25, 682-692.	9.8	29
2925	Distributed fuzzy logic based energyâ€aware and coverage preserving unequal clustering algorithm for wireless sensor networks. International Journal of Communication Systems, 2017, 30, e3283.	2.5	34
2926	Pythagorean Fuzzy Information Measures and Their Applications. International Journal of Intelligent Systems, 2017, 32, 991-1029.	5.7	286
2927	Case-Based Reasoning for Product Style Construction and Fuzzy Analytic Hierarchy Process Evaluation Modeling Using Consumers Linguistic Variables. IEEE Access, 2017, 5, 4900-4912.	4.2	23
2928	Wildcards â€" natural and artificial: the combination of a panel of experts and Fuzzy TOPSIS. Foresight, 2017, 19, 15-30.	2.1	3
2929	Fuzzy Sets and Algebraic Hyperoperations to Model Interpersonal Relations. Studies in Systems, Decision and Control, 2017, , 211-221.	1.0	9
2930	An axiomatic approach to approximation-consistency of triangular fuzzy reciprocal preference relations. Fuzzy Sets and Systems, 2017, 322, 1-18.	2.7	39

#	ARTICLE	IF	CITATIONS
2931	Fuzzy Randomness Simulation of Long-Term Infrastructure Projects. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2017, 3, .	1.7	12
2932	Approximate reasoning with generalized orthopair fuzzy sets. Information Fusion, 2017, 38, 65-73.	19.1	156
2933	Guest Editorial Special Issue on Fuzzy Techniques in Financial Modeling and Simulation. IEEE Transactions on Fuzzy Systems, 2017, 25, 245-248.	9.8	6
2934	Interval-valued Fuzzy Soft Decision Making Methods Based on MABAC, Similarity Measure and EDAS. Fundamenta Informaticae, 2017, 152, 373-396.	0.4	47
2935	Linguistic value soft set-based approach to multiple criteria group decision-making. Applied Soft Computing Journal, 2017, 58, 285-296.	7.2	29
2936	Linguistic multi-criteria decision-making model with output variable expressive richness. Expert Systems With Applications, 2017, 83, 350-362.	7.6	21
2937	Determining the Critical Factors of Radical Innovation Using an Integrated Model of Fuzzy Analytic Hierarchy Process-Fuzzy Kano With a Case Study in Mobarakeh Steel Company. EMJ - Engineering Management Journal, 2017, 29, 74-86.	2.3	26
2938	A New Intuitionistic Fuzzy Linguistic Hybrid Aggregation Operator and Its Application for Linguistic Group Decision Making. International Journal of Intelligent Systems, 2017, 32, 1332-1352.	5.7	23
2939	Measuring organizational capabilities for technological innovation through a fuzzy inference system. Technology in Society, 2017, 50, 93-109.	9.4	14
2940	Pattern Recognition: Evolution, Mining and Big Data. , 2017, , 1-36.		4
2941	A group decision-making model based on incomplete comparative expressions with hesitant linguistic terms. Applied Soft Computing Journal, 2017, 59, 174-181.	7.2	26
2942	Linguistic multi-attribute decision making with multiple priorities. Computers and Industrial Engineering, 2017, 109, 15-27.	6.3	15
2943	House of Strategy: A model for designing strategies using stakeholdersâ€™ opinion. Computers and Industrial Engineering, 2017, 108, 39-56.	6.3	4
2944	A probabilistic approach to event log completeness. Expert Systems With Applications, 2017, 80, 263-272.	7.6	5
2945	Perspective-oriented data analysis through the development of information granules of order 2. International Journal of Approximate Reasoning, 2017, 85, 97-106.	3.3	2
2946	Fuzzy control methods applied for micro-pump system. , 2017, , .		0
2947	Some Improved Linguistic Intuitionistic Fuzzy Aggregation Operators and Their Applications to Multiple-Attribute Decision Making. International Journal of Information Technology and Decision Making, 2017, 16, 817-850.	3.9	92
2948	Fuzzy decision making: A bibliometric-based review. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2033-2050.	1.4	255

#	Article	IF	Citations
2949	On two novel types of three-way decisions in three-way decision spaces. International Journal of Approximate Reasoning, 2017, 82, 285-306.	3.3	46
2950	A proportional linguistic distribution based model for multiple attribute decision making under linguistic uncertainty. Annals of Operations Research, 2017, 256, 305-328.	4.1	34
2951	Multiple criteria decision analysis based on Shapley fuzzy measures and interval-valued hesitant fuzzy linguistic numbers. Computers and Industrial Engineering, 2017, 105, 28-38.	6.3	52
2952	Several Generalized Interval-Valued 2-Tuple Linguistic Interval Distance Measures and Their Application. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2017, 25, 759-786.	1.9	4
2953	An approach for revising a fuzzy logic controller using Q-learning algorithm. , 2017, , .		1
2954	Stable type-2 fuzzy logic control of TCSC to improve damping of power systems. , 2017, , .		4
2955	The likelihood interpretation as the foundation of fuzzy set theory. International Journal of Approximate Reasoning, 2017, 90, 333-340.	3.3	13
2956	Fuzzy inference system application for failure analyzing in automobile industry. International Journal of Quality and Reliability Management, 2017, 34, 1493-1507.	2.0	27
2957	Solving multi-criteria group decision making problems under environments with a high number of alternatives using fuzzy ontologies and multi-granular linguistic modelling methods. Knowledge-Based Systems, 2017, 137, 54-64.	7.1	111
2958	An optimization-based approach with minimum preference loss to fuse incomplete linguistic distributions in group decision making. , 2017, , .		0
2959	Closure structures parameterized by systems of isotone Galois connections. International Journal of Approximate Reasoning, 2017, 91, 1-21.	3.3	5
2960	Evaluating flexible criteria on uncertain data. Fuzzy Sets and Systems, 2017, 328, 122-140.	2.7	3
2961	Fuzzy multinomial logistic regression analysis: A multi-objective programming approach. AIP Conference Proceedings, 2017, , .	0.4	1
2962	INFGMN â€" Incremental Neuro-Fuzzy Gaussian mixture network. Expert Systems With Applications, 2017, 89, 160-178.	7.6	5
2963	Hypothesis testing-based comparative analysis between rating scales for intrinsically imprecise data. International Journal of Approximate Reasoning, 2017, 88, 128-147.	3.3	16
2964	Cognitively Adjusting Imprecise User Preferences for Service Selection. IEEE Transactions on Network and Service Management, 2017, 14, 717-729.	4.9	5
2965	Portfolio model for analyzing human resources: An approach based on neuro-fuzzy modeling and the simulated annealing algorithm. Expert Systems With Applications, 2017, 90, 318-331.	7.6	50
2966	Information sciences 1968â€"2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	6.9	163

#	Article	IF	Citations
2967	Fuzzy data analysis and classification. Advances in Data Analysis and Classification, 2017, 11, 645-657.	1.4	15
2968	Type-2 fuzzy logic controller for conical AMB-rotor system. , 2017, , .		1
2969	Fuzziness and variability in natural language processing. , 2017, , .		1
2970	The new approach to the construction of parametric membership functions for fuzzy sets with unequal supports. Procedia Computer Science, 2017, 112, 2057-2065.	2.0	3
2971	Certainly uncertain - the charm of fuzzy predictions. Procedia Engineering, 2017, 199, 48-55.	1.2	2
2972	Measurementâ€™s noise, filtered by a type-1 neuro-fuzzy technique in quality assurance. International Journal of Advanced Manufacturing Technology, 2017, 92, 755-763.	3.0	0
2974	A unified representation of intuitionistic fuzzy sets, hesitant fuzzy sets and generalized hesitant fuzzy sets based on their u-maps. Expert Systems With Applications, 2017, 69, 257-276.	7.6	32
2975	Generating automatic linguistic descriptions with big data. Information Sciences, 2017, 380, 12-30.	6.9	14
2976	Influence of meta-heuristic optimization on the performance of adaptive interval type2-fuzzy traffic signal controllers. Expert Systems With Applications, 2017, 71, 493-503.	7.6	19
2977	A global strategy for the stability analysis of friction induced vibration problem with parameter variations. Mechanical Systems and Signal Processing, 2017, 84, 346-364.	8.0	25
2978	Quality of service and segmentation in the MICE industry: An approximation based on fuzzy logic. Journal of Convention and Event Tourism, 2017, 18, 1-25.	3.0	10
2979	Multicriteria Decision Making Based on Interval-Valued Intuitionistic Fuzzy Sets with a New Kind of Accuracy Function. Advances in Intelligent Systems and Computing, 2017, , 477-486.	0.6	6
2980	On control plane algorithms for Carrier Ethernet networks: Unicast, multicast provisioning and control traffic reduction. Optical Switching and Networking, 2017, 23, 52-66.	2.0	6
2981	Approximate Reasoning on a Basis of <italic>Z</italic>-Number-Valued Ifâ€"Then Rules. IEEE Transactions on Fuzzy Systems, 2017, 25, 1589-1600.	9.8	73
2982	Several Generalized Interval-Valued 2-Tuple Linguistic Weighted Distance Measures and their Application. International Journal of Fuzzy Systems, 2017, 19, 967-981.	4.0	11
2983	Power average operators of linguistic intuitionistic fuzzy numbers and their application to multiple-attribute decisionÂmaking. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1029-1043.	1.4	55
2984	On qualitative multi-attribute group decision making and its consensus measure: A probability based perspective. Omega, 2017, 70, 94-117.	5.9	56
2985	Multi-criteria decision analysis based on hesitant fuzzy linguistic term sets: Application in photovoltaic technologies assessment. , 2017, , .		0

#	Article	IF	Citations
2986	Defuzzication method of type-2 gamma fuzzy variables and its application to transportation problem. , 2017, , .		1
2987	Histogram method of image binarization based on fuzzy pixel representation. , 2017, , .		1
2988	Applications of computing with words in medicine: Promises and potential. , 2017, , .		0
2989	IOWA & cross-ratio uninorm operators as aggregation tools in sentiment analysis and ensemble methods. , 2017, , .		1
2990	Analytical strategic safety management in container ports. , 2017, , .		1
2991	Traffic and Transportation Analysis Techniques. , 2017, , 63-162.		0
2992	Estimation the confidentiality degree of classified information on the base of expert information processing. Procedia Computer Science, 2017, 120, 296-303.	2.0	0
2993	The assessment of regional economic potential based on the methodology of fuzzy set theory. Procedia Computer Science, 2017, 120, 372-375.	2.0	2
2994	Prediction of network traffic based on neural-fuzzy analysis of changes in the volume of IP-packets. Procedia Computer Science, 2017, 120, 438-445.	2.0	1
2995	Development of fuzzy logics: from universal logic tools to natural pragmatics and non-standard scales. Procedia Computer Science, 2017, 120, 908-915.	2.0	5
2996	Associative methods of fuzzy operations implementation. , 2017, , .		0
2997	Fuzzy string matching with finite automat. , 2017, , .		3
2998	PCM clustering based on noise level. , 2017, , .		0
2999	Multi-dimensional fuzzy set identification using persistent homology. , 2017, , .		0
3000	Vertical slice and horizontal slice of conditional fuzzy sets. , 2017, , .		0
3001	An improved type-2 fuzzy logic controller design based on genetic algorithm. , 2017, , .		0
3002	Interv al type-2 TSK fuzzy approach for autonomous mobile robot control in presence of uncertainties. , 2017, , .		1
3003	Software Reliability as User Perception: Application of the Fuzzy Analytic Hierarchy Process to Software Reliability Analysis. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
3004	Properties of type-2 fuzzy sets. , 2017, , .		0
3005	Interval Type-2 Takagi-Sugeno fuzzy model based control design for nonlinear stochastic system. , 2017, , .		0
3006	Evolutionary multi-objective based hierarchical interval type-2 beta fuzzy system for classification problems. , 2017, , .		0
3007	A local transformation-based constraint-guided GMP compatible with an interpolation scheme. , 2017, , .		0
3008	A new transformation algorithm for multi-granularity unbalanced linguistic terms. , 2017, , .		0
3009	Application of interval type-2 subsethood neural fuzzy inference system in control and function approximation. , 2017, , .		3
3010	A New Approximate Reasoning for Multi-bases Symbolic Data. , 2017, , .		0
3011	Robustness of interval-valued quintuple implication algorithms based on normalized Minkowski distance. , 2017, , .		1
3012	A first approach to handle fuzzy emerging patterns mining on big data problems: The EvAEFP-spark algorithm. , 2017, , .		4
3013	Zadeh's separation theorem to calculate operations on type-2 fuzzy sets. , 2017, , .		2
3014	Automatic identification of wake vortex traverse by transport aircraft using fuzzy logic. , 2017, , .		3
3015	Adaptive semi-supervised consensus model for multi-criteria large group decision making in a linguistic setting. , 2017, , .		0
3016	Interval type-2 sliding mode fuzzy controller with a time-varying sliding surface. , 2017, , .		0
3017	Fuzzy inferences using geometric compatibility or using graduality and ambiguity constraints. , 2017, , .		1
3018	Similarity measures for intuitionistic linguistic numbers, intuitionistic linguistic vectors and application. , 2017, , .		0
3019	Approach to fuzziness measuring. , 2017, , .		0
3020	Application of Fuzzy Numbers to Assessment of Human Skills. International Journal of Fuzzy System Applications, 2017, 6, 59-73.	0.7	5
3021	Management and Modeling of Winter-time Basil Cultivars Grown with a Cap MAT System. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
3022	EVALUATING KEY ENVIRONMENTAL RISK FACTORS FOR POLLUTION AT INTERNATIONAL PORTS IN TAIWAN. Brodogradnja, 2017, 68, 1-15.	1.9	2
3023	Terrestrial Condition Assessment for National Forests of the USDA Forest Service in the Continental US. Sustainability, 2017, 9, 2144.	3.2	21
3024	On Characterizations of Directional Derivatives and Subdifferentials of Fuzzy Functions. Symmetry, 2017, 9, 177.	2.2	1
3025	Continuity of Fuzzified Functions Using the Generalized Extension Principle. Symmetry, 2017, 9, 299.	2.2	5
3026	Int-fGrid: A type-2 fuzzy approach for scheduling tasks of computational grids. , 2017, , .		0
3027	Fuzzy set ordination analysis of survival communities for an endangered medicinal plant species, Phellodendron amurense. , 2017, , .		0
3028	Analysis of robust interval type-2 fuzzy PID controller for AGC in a restructured power system. , 2017, , .		2
3029	Selection of alternatives in decision making problem with uncertainty information by generalized reciprocity. , 2017, , .		0
3030	Pseudo strong equality indices for interval-valued fuzzy sets with respect to admissible orders. , 2017, , .		0
3031	Credit risk profiling using a new evaluation of interval-valued fuzzy sets based on alpha-cuts. , 2017, , .		1
3032	A type-2 fuzzy logic system for engineers estimation in the workforce allocation domain. , 2017, , .		3
3033	A novel model to determine the optimal number of servers in finite input source fuzzy queueing system. , 2017, , .		1
3034	Performance comparison of efficient type-reduction approaches for interval type-2 fuzzy logic control. , 2017, , .		2
3035	Graded concepts and associations. , 2017, , .		1
3036	An interval type-2 fuzzy model for review topic based recommendation. , 2017, , .		0
3037	The Diagnosis of Diabetic Nephropathy using Neuro-Fuzzy Expert System. Indian Journal of Science and Technology, 2017, 10, 1-8.	0.7	1
3038	An Interval Type-2 Fractional Order Fuzzy Logic Controller Employed to Uncertain Nonlinear Inverted Pendulum. , 2017, , .		4
3039	An Information-Based Discussion of Borderline Cases in Categorization. , 2017, , 1029-1051.		1

#	ARTICLE	IF	CITATIONS
3040	Normal Type-2 Fuzzy Geometric Curve Modeling: A Literature Review. Journal of Physics: Conference Series, 2017, 890, 012087.	0.4	0
3041	Type-Reduced Set structure and the truncated type-2 fuzzy set. Fuzzy Sets and Systems, 2018, 352, 119-141.	2.7	17
3042	Fuzzy time series model based on weighted association rule for financial market forecasting. Expert Systems, 2018, 35, e12271.	4.5	23
3043	A group decision support model based on incomplete hesitant fuzzy linguistic preference relations for mine disaster rescue. Progress in Artificial Intelligence, 2018, 7, 213-224.	2.4	5
3044	Soft failure mode and effects analysis using the OWG operator and hesitant fuzzy linguistic term sets. Journal of Intelligent and Fuzzy Systems, 2018, 34, 2625-2639.	1.4	27
3045	Fuzzy multiple criteria decision-making via an inverse function-based total utility approach. Soft Computing, 2018, 22, 7423-7433.	3.6	6
3046	Revisiting fuzzy set operations: A rational approach for designing set operators for type-2 fuzzy sets and type-2 like fuzzy sets. Expert Systems With Applications, 2018, 107, 255-284.	7.6	11
3047	Scaled Prioritized Operators Based on the Linguistic Intuitionistic Fuzzy Numbers and Their Applications to Multi-Attribute Decision Making. International Journal of Fuzzy Systems, 2018, 20, 1539-1550.	4.0	13
3048	Linguistic terms with weakened hedges: A model for qualitative decision making under uncertainty. Information Sciences, 2018, 433-434, 37-54.	6.9	42
3049	Questioning the Virtual Friendship Debate: Fuzzy Analogical Arguments from Classification and Definition. Argumentation, 2018, 32, 99-149.	1.0	1
3050	Multi-criteria decision-making approaches based on distance measures for linguistic hesitant fuzzy sets. Journal of the Operational Research Society, 2018, 69, 661-675.	3.4	56
3051	Customizing Semantics for Individuals With Attitudinal HFLTS Possibility Distributions. IEEE Transactions on Fuzzy Systems, 2018, 26, 3452-3466.	9.8	62
3052	Multiplicative fuzzy sets. , 2018, , .		1
3053	A STRAIGHTFORWARD APPROACH FOR SOLVING FULLY FUZZY LINEAR PROGRAMMING PROBLEM WITH LR-TYPE FUZZY NUMBERS. Journal of the Operations Research Society of Japan, 2018, 61, 172-185.	0.2	10
3054	Pharmacological therapy selection of type 2 diabetes based on the SWARA and modified MULTIMOORA methods under a fuzzy environment. Artificial Intelligence in Medicine, 2018, 87, 20-33.	6.5	49
3055	Decision Making Methods Based on Fuzzy Aggregation Operators: Three Decades Review from 1986 to 2017. International Journal of Information Technology and Decision Making, 2018, 17, 391-466.	3.9	89
3056	Three Categories of Set-Valued Generalizations From Fuzzy Sets to Interval-Valued and Atanassov Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2018, 26, 3112-3121.	9.8	6
3057	Analyzing Saaty's consistency test in pairwise comparison method: a perspective based on linguistic and numerical scale. Soft Computing, 2018, 22, 1933-1943.	3.6	6

#	Article	IF	Citations
3058	A fuzzy decision support system for multifactor authentication. Soft Computing, 2018, 22, 3959-3981.	3.6	8
3059	Testing exponentiality for imprecise data and its application. Soft Computing, 2018, 22, 3301-3312.	3.6	2
3060	Characterization and prediction of the backscattered form function of an immersed cylindrical shell using hybrid fuzzy clustering and bio-inspired algorithms. Ultrasonics, 2018, 83, 222-235.	3.9	6
3061	Distance-based nonlinear programming models to identify and adjust inconsistencies for linguistic preference relations. Soft Computing, 2018, 22, 4833-4849.	3.6	12
3062	A Feedback Mechanism Based on Granular Computing to Improve Consensus in GDM. Studies in Fuzziness and Soft Computing, 2018, , 371-390.	0.8	3
3063	Group decision making using distances between unbalanced linguistic assessments. Applied Soft Computing Journal, 2018, 67, 613-624.	7.2	16
3064	Functions defined on a set of Z-numbers. Information Sciences, 2018, 423, 353-375.	6.9	46
3065	What a Fuzzy Set Is and What It Is not?. Studies in Computational Intelligence, 2018, , 1-20.	0.9	0
3066	Fuzzy Random Variables Ã la Kruse & Meyer and Ã la Puri & Ralescu: Key Differences and Coincidences. Studies in Computational Intelligence, 2018, , 21-29.	0.9	3
3067	Analysis of Different Proposals to Improve the Dissemination of Information in University Digital Libraries. Advances in Intelligent Systems and Computing, 2018, , 195-206.	0.6	2
3068	Modification of the Bestâ€"Worst and MABAC methods: A novel approach based on interval-valued fuzzy-rough numbers. Expert Systems With Applications, 2018, 91, 89-106.	7.6	251
3069	Projection-Based PROMETHEE Methods Based on Hesitant Fuzzy Linguistic Term Sets. International Journal of Fuzzy Systems, 2018, 20, 2161-2174.	4.0	34
3070	Consistency of hesitant fuzzy linguistic preference relations: An interval consistency index. Information Sciences, 2018, 432, 347-361.	6.9	106
3071	Three-way decisions approach to multiple attribute group decision making with linguistic information-based decision-theoretic rough fuzzy set. International Journal of Approximate Reasoning, 2018, 93, 424-442.	3.3	136
3072	Big data driven graphical information based fuzzy multi criteria decision making. Applied Soft Computing Journal, 2018, 63, 23-38.	7.2	18
3073	Fuzzy4U. , 2018, , .		3
3074	Exploring Constrained Type-2 Fuzzy Sets. , 2018, , .		6
3075	On Application of Ordered Fuzzy Numbers in Ranking Linguistically Evaluated Negotiation Offers. Advances in Fuzzy Systems, 2018, 2018, 1-12.	0.9	18

#	Article	IF	Citations
3076	Fuzzy Evidence Functions and Synthesis Rule Using Weighted Distance Testing in Process Industry. , 2018, , .		0
3077	A Novel Defuzzification Method for Type-II Fuzzy Set. , 2018, , .		0
3078	Geometric Measurement of Interval Type-2 Fuzzy Sets and Application Based on <tex>$lambda$</tex>-cuts. , 2018, , .		0
3079	Design and Development of an Operational Performance Index for Power Generation Systems. , 2018, , .		0
3080	An Effective Communication Performance Index for Advanced Metering Infrastructure. , 2018, , .		0
3081	Int-fGrid: BoT Tasks Scheduling Exploring Fuzzy Type-2 in Computational Grids. , 2018, , .		3
3082	A Novel Fuzzy Inference System Based on Hedge Algebras to Enhance Energy Efficiency in Wireless Sensor Networks. , 2018, , .		2
3083	A Bibliometric Overview of the Research Impact of Lotfi A. Zadeh. , 2018, , .		0
3084	The Application of Fuzzy Analytic Hierarchy Process (F-AHP) in Engineering Project Management. , 2018, , .		7
3085	Fuzzy Linear space using triangular fuzzy numbers. Journal of Physics: Conference Series, 2018, 1139, 012046.	0.4	0
3086	A Novel Method for Solving Multi-Attribute Decision Making by Using Expected Value Under Interval Type-2 Fuzzy Environment. , 2018, , .		0
3087	Assessment of Fault Location Methods for Electric Power Distribution Networks. , 2018, , .		1
3088	Two phase fuzzy based prediction model to predict Soil nutrient. , 2018, , .		6
3089	An Overview of FHSI: Fuzzy Color Space for Image Retrieval and Modeling Aesthetic Perceptions. , 2018, , .		2
3090	Problems of Statistical Processing of Fuzzy Initial Data. , 2018, , .		0
3091	Diagnostics of Current Technical State of Transformer Equipment Using the Analytic Hierarchy Process. , 2018, , .		2
3092	Fuzzy Assignment Model Of Server In Finite Source Queuing System. , 2018, , .		0
3093	W-algebra for solving problems with fuzzy parameters. Journal of Physics: Conference Series, 2018, 973, 012044.	0.4	2

#	Article	IF	Citations
3094	Automatic Generation of Fuzzy Rules for Control of Mobile Robot with Track Chassis Based on Numerical Data. , 2018, , .		0
3095	Revision of the KosiÅ"skiâ€™s Theory of Ordered Fuzzy Numbers. Axioms, 2018, 7, 16.	1.9	19
3096	Hesitant Fuzzy Linguistic Term Sets for Group Decision Making in Supplier Performance Evaluation. , 2018, , .		2
3097	Intuitionistic Unbalanced Linguistic Generalized Multiple Attribute Group Decision Making and Its Application to Green Products Selection. Mathematical Problems in Engineering, 2018, 2018, 1-24.	1.1	1
3098	State of the Art Recommendation Approaches. International Journal of Advanced Pervasive and Ubiquitous Computing, 2018, 10, 51-76.	0.4	1
3099	Group Decision Making and Consensual Processes. SpringerBriefs in Computer Science, 2018, , 5-36.	0.2	2
3100	A psychometric user experience model based on fuzzy measure approaches. Advanced Engineering Informatics, 2018, 38, 794-810.	8.0	11
3101	Study of Different Types of Fuzzy Sets and Fuzzy Decision Making Methods. , 2018, , .		0
3102	Computing with Words: Revisiting the Qualitative Scale. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2018, 26, 127-143.	1.9	29
3103	New Approach to Develop Knowledge-Based System for Environmental Conflicts Analysis Using Fuzzy Logic and Grey Systems. , 2018, , .		0
3104	A view of High Dimensional, Large-Scale and Big Data Fuzzy Rule based Regression and Control Systems. , 2018, , .		0
3105	Decision Making with Linguistic Information Based on D Numbers and OWAWA Operator. , 2018, , .		0
3106	Novel Parameterized Distance Measures on Hesitant Fuzzy Sets with Credibility Degree and Their Application in Decision-Making. Symmetry, 2018, 10, 557.	2.2	6
3107	Fuzzy Logic System for Identity Theft Detection in Social Networks. , 2018, , .		1
3108	Fuzzy Reasoning in Cognitive Cities : An Exploratory Work on Fuzzy Analogical Reasoning Using Fuzzy Cognitive Maps. , 2018, , .		14
3109	Subjective stakeholder dynamics relationships treatment: a methodological approach using fuzzy decision-making. Computational and Mathematical Organization Theory, 2018, 24, 441-472.	2.0	18
3110	Nash equilibrium strategy for non-cooperative games with interval type-2 fuzzy payoffs. , 2018, , .		0
3111	Fuzzy Logic for Evaluating Electrician Maintenance Teams at Transmission Lines Work Environment. , 2018, , .		0

#	Article	IF	Citations
3112	A Novel Solution Approach for Fuzzy Linear Bilevel Multi-follower Programming Problems. , 2018, , .		0
3113	Additive consistency-based approach for group decision making with hesitant 2-tuple linguistic preference relations. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4657-4672.	1.4	6
3114	The New Similarity Measure and Distance Measure of a Hesitant Fuzzy Linguistic Term Set Based on a Linguistic Scale Function. Symmetry, 2018, 10, 367.	2.2	18
3115	Development of an Interval Type-2 TSK Fuzzy Logic Attitude Controller for a UAV. , 2018, , .		5
3116	The comparison of a revised Leopold matrix and fuzzy methods in environmental impact assessment, a case study: The construction of Alâ€A'amiriya residential complex, Baghdad, Iraq. Environmental Quality Management, 2018, 27, 115-123.	1.9	3
3117	Prediction in a Hybrid of Fuzzy Linear Regression with Symmetric Parameter Model and Fuzzy C-Means Method Using Simulation Data. International Journal of Engineering and Technology(UAE), 2018, 7, 419.	0.3	2
3118	Critical Success Factors and Performance Evaluation Model for the Development of the Urban Public Bicycle System. Asian Economic and Financial Review, 2018, 8, 946-963.	0.7	4
3119	A review of applications of fuzzy sets to safety and reliability engineering. International Journal of Approximate Reasoning, 2018, 100, 29-55.	3.3	118
3120	Fuzzy Feedback Control for Dynamic Routing Problem. Advances in Industrial Control, 2018, , 167-197.	0.5	0
3121	A Survey of the Applications of Fuzzy Methods in Recommender Systems. Studies in Fuzziness and Soft Computing, 2018, , 483-495.	0.8	0
3122	The optimization-based aggregation and consensus with minimum-cost in group decision making under incomplete linguistic distribution context. Knowledge-Based Systems, 2018, 162, 92-102.	7.1	74
3123	The Value Index as a decision support tool applied to a new system for evaluating and selecting design alternatives. Expert Systems With Applications, 2018, 113, 278-300.	7.6	9
3124	Capturing multi-stage fuzzy uncertainties in hybrid system dynamics and agent-based models for enhancing policy implementation in health systems research. PLoS ONE, 2018, 13, e0194687.	2.5	8
3125	A Scalar Expected Value of Intuitionistic Fuzzy Random Individuals and Its Application to Risk Evaluation in Insurance Companies. Mathematical Problems in Engineering, 2018, 2018, 1-16.	1.1	2
3126	Celebrating the life of lotfi a. zadeh: the distinguished father of fuzzy logic passes away at age 96 [tribute]. IEEE Systems, Man, and Cybernetics Magazine, 2018, 4, 42-55.	1.4	0
3127	A subjective approach to fuzzy events and their coherent probability assessment for decision making under uncertainty. Journal of Interdisciplinary Mathematics, 2018, 21, 1427-1445.	0.7	7
3128	Consensus reaching in social network group decision making: Research paradigms and challenges. Knowledge-Based Systems, 2018, 162, 3-13.	7.1	404
3129	Multiple Attribute Group Decision-Making Methods Based on Trapezoidal Fuzzy Two-Dimensional Linguistic Partitioned Bonferroni Mean Aggregation Operators. International Journal of Environmental Research and Public Health, 2018, 15, 194.	2.6	14

#	Article	IF	Citations
3130	The analysis of ecological risks in geoinformational systems in fuzzy conditions. , 2018, , .		0
3131	Hesitant Fuzzy Linguistic Aggregation Operators Based on the Hamacher t-norm and t-conorm. Symmetry, 2018, 10, 189.	2.2	19
3132	The Novel Computational Model of Unbalanced Linguistic Variables Based on Archimedean Copula. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2018, 26, 601-631.	1.9	20
3133	Development of a Generic and Configurable Fuzzy Logic Systems Library for Real-Time Control Applications Using an Object-Oriented Approach. , 2018, , .		3
3134	Granular approximation of solutions of partial differential equations with fuzzy parameter. Granular Computing, 2018, 3, 1-7.	8.0	17
3135	Granular computing for data analytics: a manifesto of human-centric computing. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 1025-1034.	13.1	99
3136	Fuzzy Dynamic Parameter Adaptation in the Harmony Search Algorithm for the Optimization of the Ball and Beam Controller. Advances in Operations Research, 2018, 2018, 1-16.	0.4	33
3137	Some trapezoidal interval type-2 fuzzy Heronian mean operators and their application in multiple attribute group decision making. Journal of Intelligent and Fuzzy Systems, 2018, 35, 2323-2337.	1.4	7
3138	A New Algorithm for Ranking of Trapezoidal Fuzzy Numbers. International Journal of Fuzzy Systems, 2018, 20, 2355-2367.	4.0	4
3139	Geometric Defuzzification revisited. Information Sciences, 2018, 466, 220-235.	6.9	1
3140	Type reduction operators for interval type–2 defuzzification. Information Sciences, 2018, 467, 464-476.	6.9	26
3141	Uncertain multiplicative linguistic soft sets and their application to group decision making. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3883-3893.	1.4	3
3142	Neuro-fuzzy techniques for the identification of aircraft wake vortex encounters. , 2018, , .		3
3143	Fuzzy weighting approach for single point positioning with single-frequency pseudo-range observations. Advances in Space Research, 2019, 63, 2982-2994.	2.6	5
3144	An outranking approach for hesitant 2-tuple linguistic sets. Granular Computing, 2019, 4, 725-737.	8.0	6
3145	A multi-criteria decision-making method for hesitant fuzzy linguistic term set based on the cloud model and evidence theory. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1797-1808.	1.4	14
3146	How Can AI Help Reduce the Burden of Disaster Management Decision-Making?. Advances in Intelligent Systems and Computing, 2019, , 122-133.	0.6	5
3147	Projection of Fuzzy Knowledge Over X-Axis for a Unified Multi-valued Framework. Arabian Journal for Science and Engineering, 2019, 44, 3061-3082.	3.0	1

#	ARTICLE	IF	CITATIONS
3148	From Fuzzy Sets to Interval-Valued and Atanassov Intuitionistic Fuzzy Sets: A Unified View of Different Axiomatic Measures. IEEE Transactions on Fuzzy Systems, 2019, 27, 362-371.	9.8	22
3149	Consistency Measures of Linguistic Preference Relations With Hedges. IEEE Transactions on Fuzzy Systems, 2019, 27, 372-386.	9.8	23
3150	Semantic differential for the twenty-first century: scale relevance and uncertainty entering the semantic space. Quality and Quantity, 2019, 53, 435-448.	3.7	24
3151	Grey Earned Value Management: Theory and Applications. IEEE Transactions on Engineering Management, 2021, 68, 1703-1721.	3.5	30
3152	Why Use a Fuzzy Partition in F-Transform?. Axioms, 2019, 8, 94.	1.9	1
3153	Fitting Sugeno integral for learning fuzzy measures using PAVA isotone regression. International Journal of Intelligent Systems, 2019, 34, 2863-2871.	5.7	0
3154	Analysis and Control of Fault Ride-Through Capability Improvement for Wind Turbine Based on a Permanent Magnet Synchronous Generator Using an Interval Type-2 Fuzzy Logic System. Energies, 2019, 12, 2289.	3.1	13
3155	An Estimation of a Hybrid Log-Poisson Regression Using a Quadratic Optimization Program for Optimal Loss Reserving in Insurance. Advances in Fuzzy Systems, 2019, 2019, 1-14.	0.9	3
3156	Investment Strategies Determined by Present Value Given as Trapezoidal Fuzzy Numbers. Springer Proceedings in Business and Economics, 2019, , 189-213.	0.3	1
3157	Analysis and Control of Wind Power Grid Integration Based on a Permanent Magnet Synchronous Generator Using a Fuzzy Logic System with Linear Extended State Observer. Energies, 2019, 12, 2862.	3.1	14
3158	An extended MULTIMOORA method for probabilistic linguistic multi-criteria group decision-making based on prospect theory. Computers and Industrial Engineering, 2019, 136, 528-545.	6.3	67
3160	Interval-valued fuzzy inference based on aggregation functions. International Journal of Approximate Reasoning, 2019, 113, 74-90.	3.3	2
3161	Some notes on optimal fuzzy reasoning methods. Information Sciences, 2019, 503, 652-669.	6.9	3
3162	Group Decision-Making Based on m-Polar Fuzzy Linguistic TOPSIS Method. Symmetry, 2019, 11, 735.	2.2	55
3163	Wu–Mendel Approach for Linguistic Summarization: Practical Considerations and Solutions. , 2019, , .		0
3164	SISO Intuitionistic Fuzzy Systems: IF-t-Norm, IF-R-Implication, and Universal Approximators. IEEE Access, 2019, 7, 70265-70278.	4.2	9
3165	An extended TODIM method and its application in the stock selection under dual hesitant fuzzy linguistic information. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7935-7950.	1.4	8
3166	Human Hedge Perception – and its Application in Fuzzy Semantic Similarity Measures. , 2019, , .		2

#	Article	IF	Citations
3167	Impact of the Orientation of the Ordered Fuzzy Assessment on the Simple Additive Weighted Method. Symmetry, 2019, 11, 1104.	2.2	9
3168	Variances with Bonferroni means and ordered weighted averages. International Journal of Intelligent Systems, 2019, 34, 3020-3045.	5.7	10
3169	Long-term traffic volume prediction based on K-means Gaussian interval type-2 fuzzy sets. IEEE/CAA Journal of Automatica Sinica, 2019, , 1-8.	13.1	29
3170	Carrying out consensual Group Decision Making processes under social networks using sentiment analysis over comparative expressions. Knowledge-Based Systems, 2019, 165, 335-345.	7.1	85
3171	Rank aggregation based multi-attribute decision making with hybrid Z-information and its application. Journal of Intelligent and Fuzzy Systems, 2019, 37, 4231-4239.	1.4	16
3172	Distance measure for Fermatean fuzzy linguistic term sets based on linguistic scale function: An illustration of the TODIM and TOPSIS methods. International Journal of Intelligent Systems, 2019, 34, 2807-2834.	5.7	75
3173	Robust Driver-Automation Shared Control For A Lane Keeping System Using Interval Type 2 Fuzzy Method. , 2019, , .		4
3174	Fuzzy Clusterization of Ecological Risks in Geo-Information Systems. , 2019, , .		0
3175	Relation â€œGreater than or Equal toâ€•between Ordered Fuzzy Numbers. Applied System Innovation, 2019, 2, 26.	4.6	9
3176	Bidirectional Projection Method for Probabilistic Linguistic Multi-criteria Group Decision-Making Based on Power Average Operator. International Journal of Fuzzy Systems, 2019, 21, 2340-2353.	4.0	22
3177	On Decision Making under Fuzzy Information about an Uncontrolled Factor. Procedia Computer Science, 2019, 150, 524-531.	2.0	1
3178	A systematic fuzzy multi-criteria group decision-making approach for alternatives evaluation. Journal of the Operational Research Society, 2019, 70, 1490-1501.	3.4	6
3179	An aggregated higher order fuzzy logical relationships technique. AIP Conference Proceedings, 2019, , .	0.4	6
3180	New approach for estimation of criteria weights based on a linguistic evaluation. Expert Systems With Applications, 2019, 125, 100-111.	7.6	12
3181	Comparative Study of Fuzzy Controller Optimization with Dynamic Parameter Adjustment Based on Type 1 and Type 2 Fuzzy Logic. Advances in Intelligent Systems and Computing, 2019, , 296-305.	0.6	1
3182	Linguistic variables as fuzzy sets to model uncertainty in the combined efficacy of multiple phytosanitary measures in pest risk analysis. Ecological Modelling, 2019, 406, 73-79.	2.5	4
3183	The new similarity measure and distance measure between hesitant fuzzy linguistic term sets and their application in multi-criteria decision making. Journal of Intelligent and Fuzzy Systems, 2019, 37, 995-1006.	1.4	2
3184	A Novel Decision-Making Method Based on Probabilistic Linguistic Information. Cognitive Computation, 2019, 11, 735-747.	5.2	17

#	Article	IF	Citations
3185	Comparing the performance of different types of distributed fuzzy-based traffic signal controllers. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6155-6166.	1.4	2
3186	Multiple‐attribute group decision‐making method of linguistic *q*‐rung orthopair fuzzy power Muirhead mean operators based on entropy weight. International Journal of Intelligent Systems, 2019, 34, 1755-1794.	5.7	84
3187	Intelligent methodology for project conceptual cost prediction. Heliyon, 2019, 5, e01625.	3.2	13
3188	Solving Bi-Matrix Games Based on Fuzzy Payoffs via Utilizing the Interval Value Function Method. Mathematics, 2019, 7, 469.	2.2	3
3189	The need for fuzzy AI. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 610-622.	13.1	34
3190	A survey of type-2 fuzzy aggregation and application for multiple criteria decision making. Journal of Data Information and Management, 2019, 1, 17-32.	2.7	10
3191	Sustainability performance assessment of wind power coupling hydrogen storage projects using a hybrid evaluation technique based on interval type-2 fuzzy set. Energy, 2019, 179, 1176-1190.	8.8	53
3192	Generalized extension principle for non-normal fuzzy sets. Fuzzy Optimization and Decision Making, 2019, 18, 399-432.	5.5	10
3193	Gaze-Guided Control of an Autonomous Mobile Robot Using Type-2 Fuzzy Logic. Applied System Innovation, 2019, 2, 14.	4.6	8
3194	Ordinal consensus measure with objective threshold for heterogeneous large-scale group decision making. Knowledge-Based Systems, 2019, 180, 62-74.	7.1	106
3195	Visual-Servoing Based Global Path Planning Using Interval Type-2 Fuzzy Logic Control. Axioms, 2019, 8, 58.	1.9	26
3196	Multi-Metaheuristic Competitive Model for Optimization of Fuzzy Controllers. Algorithms, 2019, 12, 90.	2.1	19
3197	Overlapping Clusters and Support Vector Machines Based Interval Type-2 Fuzzy System for the Prediction of Peptide Binding Affinity. IEEE Access, 2019, 7, 49756-49764.	4.2	6
3198	Neuro-Fuzzy classifier for longitudinal behavioral intervention data. , 2019, , .		3
3199	Large-scale group decision making with multiple stakeholders based on probabilistic linguistic preference relation. Applied Soft Computing Journal, 2019, 80, 712-722.	7.2	74
3200	Group decision making with double hierarchy hesitant fuzzy linguistic preference relations: Consistency based measures, index and repairing algorithms and decision model. Information Sciences, 2019, 489, 93-112.	6.9	66
3201	2-Dimension linguistic PROMETHEE methods for multiple attribute decision making. Expert Systems With Applications, 2019, 127, 97-108.	7.6	21
3202	Application of fuzzy inference system for analysis of oil field data to optimize combustion engine maintenance. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 3736-3745.	1.9	3

#	Article	IF	Citations
3203	Novel m-Polar Fuzzy Linguistic ELECTRE-I Method for Group Decision-Making. Symmetry, 2019, 11, 471.	2.2	37
3204	Multi-attribute decision making method based on generalized maclaurin symmetric mean aggregation operators for probabilistic linguistic information. Computers and Industrial Engineering, 2019, 131, 282-294.	6.3	52
3205	A Programming-Based Algorithm for Probabilistic Uncertain Linguistic Intuitionistic Fuzzy Group Decision-Making. Symmetry, 2019, 11, 234.	2.2	10
3206	Simple Additive Weighting Method Equipped with Fuzzy Ranking of Evaluated Alternatives. Symmetry, 2019, 11, 482.	2.2	20
3207	Type-2 Fuzzy Envelope of Hesitant Fuzzy Linguistic Term Set: A New Representation Model of Comparative Linguistic Expression. IEEE Transactions on Fuzzy Systems, 2019, 27, 2312-2326.	9.8	25
3208	Model-based hearing diagnostics based on wideband tympanometry measurements utilizing fuzzy arithmetic. Hearing Research, 2019, 378, 126-138.	2.0	9
3209	On computing generalized Hukuhara differences of Z-numbers. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1-11.	1.4	61
3210	API trustworthiness: an ontological approach for software library adoption. Software Quality Journal, 2019, 27, 969-1014.	2.2	3
3211	Fuzzy logical-linguistic model for assessing the qualitative composition of carbon nanomaterials. IOP Conference Series: Materials Science and Engineering, 2019, 693, 012010.	0.6	0
3212	The General Type 1 and Interval Type 2 Fuzzy Sets Addition Based on the Yager T-norms with Entropy as Degree of Fuzziness. , 2019, , .		1
3213	â€œComputing With Wordsâ€• based Semantic Similarity Measure for Adjective Phrases. , 2019, , .		2
3214	A Representation Model for CLEs based on Type-2 Fuzzy Set. , 2019, , .		0
3215	Smart City Services Monitoring Framework using Fuzzy Logic Based Sentiment Analysis and Apache Spark. , 2019, , .		5
3216	Mapping a Fuzzy Pattern onto a String. , 2019, , .		0
3217	Power Electronics in the Engineering Field: A Perception Comparison between Undergraduate and Graduate Students Using Fuzzy Logic Type 2 Signal Detection Theory. , 2019, , .		0
3218	Certainty Factor Triunity in Medical Diagnostics Tasks. Scientific and Technical Information Processing, 2019, 46, 321-327.	0.6	2
3219	Fuzziness Control of Fuzzimetric sets. , 2019, , .		4
3220	Interval Type-2 Fuzzy Reliability Modeling for Recycling Facility. , 2019, , .		0

#	Article	IF	Citations
3221	Designing an electrotechnical system from the perspective of a sociophysical approach. , 2019, , .		0
3222	Measuring Inter-group Agreement on zSlice Based General Type-2 Fuzzy Sets. , 2019, , .		0
3223	A fuzzy linguistic supported framework to increase Artificial Intelligence intelligibility for subject matter experts. Procedia Computer Science, 2019, 162, 865-872.	2.0	3
3224	Use of Type-2 Fuzzy Sets for Military Value of Information Decision Support. , 2019, , .		2
3225	Operations on hybrid linguistic representations. , 2019, , .		0
3226	A Linear Programming Method Based on Probabilistic Linguistic Kolmogorov-Smirnov Distance for Hospital Service Quality Evaluation. , 2019, , .		2
3227	Fuzzy Octonion Numbers and Fuzzy Hypercomplex Numbers. , 2019, , .		0
3228	A Linguistic Decision Making Model for Psychometric Tests. , 2019, , .		2
3229	Bone Fracture Identification in X-Ray Images using Fuzzy Wavelet Features. , 2019, , .		11
3230	Hybrid Model of Interval Type-2 Neural Fuzzy Inference System and Mutual Subsethood with Applications. , 2019, , .		2
3231	Multicriteria Decision Making Based on Archimedean Bonferroni Mean Operators of Hesitant Fermatean 2-Tuple Linguistic Terms. Complexity, 2019, 2019, 1-19.	1.6	17
3232	Overview of the Use of Bellman Dynamic Programming Method to Eliminate Oscillations in Mechanical and Electrical Assemblies of Technical Objects. , 2019, , .		0
3233	Computational method for monotonic hesitant fuzzy linguistic terms by fitting Weibull distribution function concerns explicit and implicit appraisal information. Journal of Intelligent and Fuzzy Systems, 2019, 37, 6557-6571.	1.4	1
3234	Ontology-Based Representation and Reasoning about Precise and Imprecise Time Intervals. , 2019, , .		4
3235	Intuitionistic fuzzy reasoning using the method of optimizing the similarity of truth tables. Soft Computing, 2019, 23, 8765-8774.	3.6	3
3236	Multiple-attribute group decision-making based on power Bonferroni operators of linguistic q-rung orthopair fuzzy numbers. International Journal of Intelligent Systems, 2019, 34, 652-689.	5.7	110
3237	Multiple attribute decision making method under linguistic cubic information. Journal of Intelligent and Fuzzy Systems, 2019, 36, 253-269.	1.4	11
3238	Fermatean fuzzy linguistic set and its application in multicriteria decision making. International Journal of Intelligent Systems, 2019, 34, 878-894.	5.7	82

#	Article	IF	Citations
3239	Simulation and evaluation of second-order fuzzy boundary value problems. Soft Computing, 2019, 23, 10463-10475.	3.6	2
3240	Fuzzy Lyapunov Synthesis for Nonsmooth Mechanical Systems. Studies in Fuzziness and Soft Computing, 2019, , 43-54.	0.8	0
3241	Multiâ€attribute group decisionâ€making methods based on qâ€rung orthopair fuzzy linguistic sets. International Journal of Intelligent Systems, 2019, 34, 1129-1157.	5.7	50
3242	Detection of outlier information by the use of linguistic summaries based on classic and interval-valued fuzzy sets. International Journal of Intelligent Systems, 2019, 34, 415-438.	5.7	12
3243	An automatic procedure to create fuzzy ontologies from usersâ€™ opinions using sentiment analysis procedures and multi-granular fuzzy linguistic modelling methods. Information Sciences, 2019, 476, 222-238.	6.9	81
3244	The fuzzification issue in the Wuâ€"Mendel approach for linguistic summarisation using IF-THEN rules. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 117-136.	2.8	2
3245	Intuitionistic fuzzy linguistic clustering algorithm based on a new correlation coefficient for intuitionistic fuzzy linguistic information. Pattern Analysis and Applications, 2019, 22, 907-918.	4.6	5
3246	Modification of the Wu-Mendel approach for linguistic summarization. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 77-97.	2.8	11
3247	Resolution of single-variable fuzzy polynomial equations and an upper bound on the number of solutions. Soft Computing, 2019, 23, 837-845.	3.6	2
3249	Multiple Attribute Decision-Making Methods with Unbalanced Linguistic Variables Based on Maclaurin Symmetric Mean Operators. International Journal of Information Technology and Decision Making, 2019, 18, 105-146.	3.9	14
3250	Some Maclaurin symmetric mean aggregation operators based on two-dimensional uncertain linguistic information and their application to decision making. Neural Computing and Applications, 2019, 31, 4305-4318.	5.6	9
3251	Efficient control of integrated power system using self-tuned fractional-order fuzzy PID controller. Neural Computing and Applications, 2019, 31, 4137-4155.	5.6	30
3252	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.	13.1	13
3253	Weighted pseudometric approximation of 2-dimensional fuzzy numbers by fuzzy 2-cell prismoid numbers preserving the centroid. Fuzzy Sets and Systems, 2020, 387, 158-173.	2.7	5
3254	Recent Trends in the Modeling and Quantification of Non-probabilistic Uncertainty. Archives of Computational Methods in Engineering, 2020, 27, 633-671.	10.2	93
3255	ANFIS and Deep Learning based missing sensor data prediction in IoT. Concurrency Computation Practice and Experience, 2020, 32, e5400.	2.2	20
3256	A new approach to Zadehâ€™s Z-numbers: Mixed-discrete Z-numbers. Information Fusion, 2020, 53, 35-42.	19.1	21
3257	Note on entropies of hesitant fuzzy linguistic term sets and their applications. Information Sciences, 2020, 512, 352-368.	6.9	28

#	Article	IF	Citations
3258	Linguistic single-valued neutrosophic power aggregation operators and their applications to group decision-making problems. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 546-558.	13.1	25
3259	Towards the use of fuzzy logic systems in rotary wing unmanned aerial vehicle: a review. Artificial Intelligence Review, 2020, 53, 257-290.	15.7	24
3260	Quantification of qualitative assessments using computing with words: in framework of fuzzy set theory. Soft Computing, 2020, 24, 13565-13577.	3.6	2
3261	A consensus reaching process dealing with comparative linguistic expressions for group decision making: A fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2020, 38, 735-748.	1.4	6
3262	Artificial Intelligence and Parametric Construction Cost Estimate Modeling: State-of-the-Art Review. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	95
3263	Multiple Attribute Group Decision-Making Approach Based on Multi-granular Unbalanced Hesitant Fuzzy Linguistic Information. International Journal of Fuzzy Systems, 2020, 22, 604-618.	4.0	15
3264	Computing With Comparative Linguistic Expressions and Symbolic Translation for Decision Making: ELICIT Information. IEEE Transactions on Fuzzy Systems, 2020, 28, 2510-2522.	9.8	53
3265	A Unified View of Different Axiomatic Measures Defined on L-Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2020, 28, 1878-1886.	9.8	1
3266	A low-carbon-orient product design schemes MCDM method hybridizing interval hesitant fuzzy set entropy theory and coupling network analysis. Soft Computing, 2020, 24, 5389-5408.	3.6	14
3267	An approach based on linguistic spherical fuzzy sets for public evaluation of shared bicycles in China. Engineering Applications of Artificial Intelligence, 2020, 87, 103295.	8.1	73
3268	A fuzzy clustering algorithm influenced by validity indices (FCVI) for recognizing the differentially expressed cancer mediating genes. Meta Gene, 2020, 23, 100615.	0.6	3
3269	Linguistic Z€number fuzzy soft sets and its application on multiple attribute group decision making problems. International Journal of Intelligent Systems, 2020, 35, 105-124.	5.7	37
3270	Interval-valued fuzzy reasoning algorithms based on Schweizer€"Sklar t-norms and its application. Engineering Applications of Artificial Intelligence, 2020, 87, 103313.	8.1	7
3271	A TOPSIS method by using generalized trapezoidal hesitant fuzzy numbers and application to a robot selection problem. Journal of Intelligent and Fuzzy Systems, 2020, 38, 779-793.	1.4	46
3272	A new computational model based on Archimedean copula for probabilistic unbalanced linguistic term set and its application to multiple attribute group decision making. Computers and Industrial Engineering, 2020, 140, 106264.	6.3	21
3273	Modeling agent€based consumers decision€making with 2€tuple fuzzy linguistic perceptions. International Journal of Intelligent Systems, 2020, 35, 283-299.	5.7	18
3274	DC optimization for constructing discrete Sugeno integrals and learning nonadditive measures. Optimization, 2020, 69, 2515-2534.	1.7	10
3275	Consensus reaching process for fuzzy behavioral TOPSIS method with probabilistic linguistic q€rung orthopair fuzzy set based on correlation measure. International Journal of Intelligent Systems, 2020, 35, 494-528.	5.7	50

#	Article	IF	Citations
3276	TODIM approach based on score function under hesitant 2-tuple linguistic environment. Journal of Intelligent and Fuzzy Systems, 2020, 38, 663-673.	1.4	2
3277	A bi-projection model based on linguistic terms with weakened hedges and its application in risk allocation. Applied Soft Computing Journal, 2020, 87, 105996.	7.2	14
3278	Executive summaries of uncertain values close to the gain/loss threshold â€" linguistic modelling perspective. Expert Systems With Applications, 2020, 145, 113108.	7.6	1
3279	Linguistic connection number of set pair analysis based on TOPSIS method and numerical scale function. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2369-2382.	1.4	5
3280	Multi-class classification problems for the k-NN algorithm in the case of missing values. , 2020, , .		4
3281	Visualizing the Intellectual Structure of the Fuzzy Linguistic Knowledge Domain: A Bibliometric Analysis. International Journal of Fuzzy Systems, 2020, 22, 2397-2413.	4.0	3
3282	On the relationship between the centroid and the footprint of uncertainty of Interval Type-2 fuzzy numbers. , 2020, , .		1
3283	Aggregation of Order-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2021, 29, 3570-3575.	9.8	5
3284	Application of similarity measures with uncertainty in classification methods. , 2020, , .		3
3285	Multi-criteria photovoltaic potential assessment using fuzzy logic in decision-making: A case study of Iran. Sustainable Energy Technologies and Assessments, 2020, 42, 100877.	2.7	22
3286	Developing a hierarchical type-2 fuzzy logic model to improve rapid evaluation of earthquake hazard safety of existing buildings. Structures, 2020, 28, 1384-1399.	3.6	35
3287	Forecasting of COVID-19 time series for countries in the world based on a hybrid approach combining the fractal dimension and fuzzy logic. Chaos, Solitons and Fractals, 2020, 140, 110242.	5.1	96
3288	Basic uncertain information soft set and its application to multi-criteria group decision making. Engineering Applications of Artificial Intelligence, 2020, 95, 103871.	8.1	32
3289	Representing uncertainty about fuzzy membership grade. Soft Computing, 2020, 24, 12691-12707.	3.6	3
3290	The reference ideal TOPSIS method for linguistic q-rung orthopair fuzzy decision making based on linguistic scale function. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4111-4131.	1.4	15
3291	Jaccard and Dice Similarity Measures Based on Novel Complex Dual Hesitant Fuzzy Sets and Their Applications. Mathematical Problems in Engineering, 2020, 2020, 1-25.	1.1	21
3292	Deep feature extraction and classification of breast ultrasound images. Multimedia Tools and Applications, 2020, 79, 27257-27292.	3.9	35
3293	Reference publication year spectroscopy (RPYS) of computer science papers from Eastern Europe. Aslib Journal of Information Management, 2020, 72, 305-319.	2.1	2

#	Article	IF	Citations
3294	The Linguistic Picture Fuzzy Set and Its Application in Multi-Criteria Decision-Making: An Illustration to the TOPSIS and TODIM Methods Based on Entropy Weight. Symmetry, 2020, 12, 1170.	2.2	19
3295	A novel extended approach under hesitant fuzzy sets to design a framework for assessing the key challenges of digital health interventions adoption during the COVID-19 outbreak. Applied Soft Computing Journal, 2020, 96, 106613.	7.2	117
3296	Implementation of Adjusted Fuzzy AHP Method in the Assessment for Reuse of Industrial Buildings. Mathematics, 2020, 8, 1697.	2.2	17
3297	A wayside hotbox system with fuzzy and fault detection algorithms in IIoT environment. Control Engineering Practice, 2020, 104, 104624.	5.5	7
3298	Aggregation and Comparison of Probabilistic Linguistic Term Sets with Interval Probabilities. , 2020, , .		0
3299	A Rating Bias Formulation based on Fuzzy Set for Recommendation. , 2020, , .		0
3300	Computational Intelligence and Automated Methods for Control Fuzzy System Design. , 2020, , .		1
3301	2-tuple fuzzy linguistic perceptions and probabilistic awareness-based heuristics for modeling consumer purchase behaviors. , 2020, , .		0
3302	Homomorphism of Lattice-valued Fuzzy Finite Automata. , 2020, , .		0
3303	Multi-attribute group decision making method based on 2-dimension 2-tuple linguistic information. , 2020, , .		1
3305	Influence of new interval-valued pre-aggregation function on medical decision making. , 2020, , .		6
3306	The ordering methods of interval-valued fuzzy cardinal numbers with application in an uncertain decision making. , 2020, , .		0
3307	Perceptual Computing with Comparative Linguistic Expressions. , 2020, , .		1
3308	Novel hybrid approaches to measure smartphone addiction—Application of statistical and triangular fuzzy techniques. Journal of Public Affairs, 2022, 22, e2425.	3.1	4
3309	Fuzzy aggressive behavior assessment of toxic players in multiplayer online battle games. , 2020, , .		1
3310	Pricing European Option Under Fuzzy Mixed Fractional Brownian Motion Model with Jumps. Computational Economics, 2021, 58, 483-515.	2.6	15
3311	A Consensus Model for Extended Comparative Linguistic Expressions with Symbolic Translation. Mathematics, 2020, 8, 2198.	2.2	5
3312	True-False Sets. , 2020, , .		0

#	Article	IF	Citations
3313	Multi-Modal Medical Image Fusion Based on FusionNet in YIQ Color Space. Entropy, 2020, 22, 1423.	2.2	5
3314	Group operations and isomorphic relation with the 2-tuple linguistic variables. Soft Computing, 2020, 24, 18287-18300.	3.6	2
3315	A Machine Learning-Based Epistemic Modeling Framework for EMC and SI Assessment. , 2020, , .		0
3316	Computational Intelligence Techniques Used for Stock Market Prediction: A Systematic Review. IEEE Latin America Transactions, 2020, 18, 744-755.	1.6	10
3317	The mean chance conditional value at risk under interval type-2 intuitionistic fuzzy random environment. Soft Computing, 2020, 24, 9361-9373.	3.6	3
3318	A Fuzzy Decision Support Model for Cropland Recommendation of Food Cropping in Indonesia. Journal of Computer Science, 2020, 16, 518-531.	0.6	0
3319	A fuzzy social vulnerability evaluation from the perception of disaster bearers against meteorological disasters. Natural Hazards, 2020, 103, 2355-2370.	3.4	6
3320	Using Different Qualitative Scales in a Multi-Criteria Decision-Making Procedure. Mathematics, 2020, 8, 458.	2.2	5
3321	A Study on Cubic H-Relations in a Topological Universe Viewpoint. Mathematics, 2020, 8, 482.	2.2	1
3322	Inherent Safety Analysis for a Difluoro-Chloromethane (F22) Pyrolysis Process under an Unsteady State. Journal of Chemical Engineering of Japan, 2020, 53, 135-145.	0.6	1
3323	Solar energy plant project selection with AHP decision-making method based on hesitant fuzzy linguistic evaluation. Complex & Intelligent Systems, 2020, 6, 507-529.	6.5	21
3324	Multiattribute decision method for comprehensive logistics distribution center location selection based on 2-dimensional linguistic information. Information Sciences, 2020, 538, 209-244.	6.9	24
3325	Integrating systems thinking skills with multi-criteria decision-making technology to recruit employee candidates. Expert Systems With Applications, 2020, 160, 113585.	7.6	32
3326	Decision support system for optimal location of HIFDs in real distribution network using an integrated EPSOâ€fuzzy AHP model. IET Generation, Transmission and Distribution, 2020, 14, 1616-1626.	2.5	5
3327	Environmental risk assessment of E-waste in developing countries by using the modified-SIRA method. Science of the Total Environment, 2020, 733, 138525.	8.0	27
3328	Interval-valued fuzzy reasoning full implication algorithms based on the t-representable t-norm. International Journal of Approximate Reasoning, 2020, 122, 1-8.	3.3	9
3329	A Multi-Attribute Group Decision-Making Method Based on Linguistic Intuitionistic Fuzzy Numbers and Dempsterâ€"Shafer Evidence Theory. International Journal of Information Technology and Decision Making, 2020, 19, 499-524.	3.9	23
3330	Renewable Energy Power Generation using Waste Energy in Water Pressure Reducing Valves. , 2020, , .		1

#	Article	IF	Citations
3331	Representation of Japanese Candlesticks by Oriented Fuzzy Numbers. Econometrics, 2020, 8, 1.	0.9	11
3332	Linguistic Pythagorean Einstein Operators and Their Application to Decision Making. Information (Switzerland), 2020, 11, 46.	2.9	15
3333	Covariances with OWA operators and Bonferroni means. Soft Computing, 2020, 24, 14999-15014.	3.6	7
3334	The Fuzzyâ€"AHP Synthesis Model for Energy Security Assessment of the Serbian Natural Gas Sector. Symmetry, 2020, 12, 908.	2.2	7
3335	Novel Extension of DEMATEL Method by Trapezoidal Fuzzy Numbers and D Numbers for Management of Decision-Making Processes. Mathematics, 2020, 8, 812.	2.2	16
3336	Hesitant fuzzy C-means algorithm and its application in image segmentationâ€. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3681-3695.	1.4	6
3337	Linguistic group decision making: Axiomatic distance and minimum cost consensus. Information Sciences, 2020, 541, 242-258.	6.9	16
3338	Similarity Measure of Hesitant Fuzzy Sets Based on Implication Function and Clustering Analysis. IEEE Access, 2020, 8, 119995-120008.	4.2	2
3339	A Generalized Fuzzy Extension Principle and Its Application to Information Fusion. IEEE Transactions on Fuzzy Systems, 2021, 29, 2726-2738.	9.8	2
3340	Granular fuzzy pay-off method for real option valuation. Expert Systems With Applications, 2020, 159, 113597.	7.6	3
3341	Research on the multiple fuzzy parametric fuzzy sets and its framework of clustering algorithm. Evolutionary Intelligence, 2020, 13, 159-183.	3.6	0
3342	Uncertainty Measurement for Fuzzy Set-Valued Data. IEEE Access, 2020, 8, 32297-32311.	4.2	3
3343	Large-Scale decision-making: Characterization, taxonomy, challenges and future directions from an Artificial Intelligence and applications perspective. Information Fusion, 2020, 59, 84-102.	19.1	179
3344	Improved Rapid Visual Earthquake Hazard Safety Evaluation of Existing Buildings Using a Type-2 Fuzzy Logic Model. Applied Sciences (Switzerland), 2020, 10, 2375.	2.5	29
3345	An improved interval-based fuzzy credibility-constrained programming approach for supporting optimal irrigation water management under uncertainty. Agricultural Water Management, 2020, 238, 106185.	5.6	23
3346	A DEMATEL and consensus based MCGDM approach for with multi-granularity hesitant fuzzy linguistic term set. Journal of Intelligent and Fuzzy Systems, 2020, 38, 5215-5229.	1.4	2
3347	Novel Multiple Attribute Group Decision-Making Methods Based on Linguistic Intuitionistic Fuzzy Information. Mathematics, 2020, 8, 322.	2.2	21
3348	Location-Free Robust Scale Estimates for Fuzzy Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 1682-1694.	9.8	5

#	Article	IF	Citations
3349	Approach for Establishing Intuitionistic Fuzzy Linear Regression Models Based on Weakest <i>T</i>-Norm Arithmetic. IEEE Transactions on Fuzzy Systems, 2021, 29, 1431-1445.	9.8	3
3350	Dual generalized Bonferroni mean operators based on 2-dimensional uncertain linguistic information and their applications in multi-attribute decision making. Artificial Intelligence Review, 2021, 54, 491-517.	15.7	11
3351	Techniques to model uncertain input data of multi€criteria decision€making problems: a literature review. International Transactions in Operational Research, 2021, 28, 523-559.	2.7	68
3352	An advanced sampling technique for possibilistic uncertainty propagation. Mechanical Systems and Signal Processing, 2021, 147, 107064.	8.0	5
3353	Decision-making from multiple uncertain experts: case of distribution center location selection. Soft Computing, 2021, 25, 4525-4544.	3.6	20
3354	A logical reasoning based decision making method for handling qualitative knowledge. International Journal of Approximate Reasoning, 2021, 129, 49-63.	3.3	4
3355	Highlighting keyphrases using senti-scoring and fuzzy entropy for unsupervised sentiment analysis. Expert Systems With Applications, 2021, 169, 114323.	7.6	27
3356	Multivariate data-based optimization of membrane adsorption process for wastewater treatment: Multi-layer perceptron adaptive neural network versus adaptive neural fuzzy inference system. Chemosphere, 2021, 267, 129268.	8.2	26
3357	A two-stage minimum adjustment consensus model for large scale decision making based on reliability modeled by two-dimension 2-tuple linguistic information. Computers and Industrial Engineering, 2021, 151, 106973.	6.3	21
3358	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.	6.9	5
3359	A cyclic dynamic trust-based consensus model for large-scale group decision making with probabilistic linguistic information. Applied Soft Computing Journal, 2021, 100, 106937.	7.2	52
3360	Time Control Nebulizer Operation Using Fuzzy Sugeno Method. Journal of Robotics and Control (JRC), 2021, 2, .	1.3	1
3361	Adaptive Cruise Control Using Fuzzy Logic. , 2021, , 191-219.		2
3362	A Redesign Decision Model for Large-Scale Complex Sustainment-Dominated Systems. IEEE Transactions on Engineering Management, 2023, 70, 3410-3420.	3.5	0
3363	A Proposed Solution to Road Traffic Accidents Based on Fuzzy Logic Control. Lecture Notes in Networks and Systems, 2021, , 57-63.	0.7	0
3364	The Behaviour of the Product T-Norm in Combination with Several Implications in Fuzzy PID Controller. Lecture Notes in Computer Science, 2021, , 587-597.	1.3	0
3365	F1-transform in Fuzzy Fredholm Integral Equations. , 0, , .		0
3366	Linguistic Summaries Using Interval-Valued Fuzzy Representation of Imprecise Information - An Innovative Tool for Detecting Outliers. Lecture Notes in Computer Science, 2021, , 500-513.	1.3	1

#	ARTICLE	IF	CITATIONS
3367	Governance Model the Stochastic Process of Rectification of Multicomponent Mixtures Based on Fuzzy Logic. Advances in Intelligent Systems and Computing, 2021, , 364-376.	0.6	1
3368	Initial Value Methods for the Numerical Simulation of Fuzzy Two-Point Boundary Value Problems Using General Linear Method. International Journal of Fuzzy System Applications, 2021, 10, 94-126.	0.7	0
3370	Interval-Valued Intuitionistic Fuzzy Synthetic Measure (I-VIFSM) Based on Hellwigâ€™s Approach in the Analysis of Survey Data. Mathematics, 2021, 9, 201.	2.2	12
3371	Runge-Kutta Fehlberg Method for Solving Linear and Nonlinear Fuzzy Fredholm Integro-Differential Equations. Applied Mathematics and Information Sciences, 2021, 15, 43-51.	0.5	3
3372	Applications of Big Data in Large and Small Systems. Advances in Data Mining and Database Management Book Series, 2021, , 20-37.	0.5	0
3373	Third-order fuzzy time series with trapezoidal membership for electricity consumption forecasting. AIP Conference Proceedings, 2021, , .	0.4	0
3374	Designing Interpretable Fuzzy Systems. Studies in Computational Intelligence, 2021, , 119-168.	0.9	6
3375	Fuzzy Modeling in Spatial Analysis. , 2021, , 1785-1810.		0
3378	Three-Way Decisions with Single-Valued Neutrosophic Uncertain Linguistic Decision-Theoretic Rough Sets Based on Generalized Maclaurin Symmetric Mean Operators. , 2021, , 71-101.		1
3379	Revisiting Fuzzy and Linguistic Decision Making: Scenarios and Challenges for Making Wiser Decisions in a Better Way. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 191-208.	9.3	132
3380	Estimation of Linguistically Described Weights of Criteria. Advances in Intelligent Systems and Computing, 2021, , 303-308.	0.6	1
3381	Toward Explainable Artificial Intelligence Through Fuzzy Systems. Studies in Computational Intelligence, 2021, , 1-23.	0.9	7
3382	Dual extension principle and dual fuzzification using lower level sets: representation theorems. International Journal of General Systems, 2021, 50, 223-242.	2.5	0
3383	On Admissible Orders on the Set of Discrete Fuzzy Numbers for Application in Decision Making Problems. Mathematics, 2021, 9, 95.	2.2	3
3384	Similarity-based Reasoning from the Perspective of Extensionality. , 0, , .		0
3385	A Numerical Approach For Determining Interactivity: A Case Study in Chemical Degradation. , 0, , .		1
3386	Comparative Assessment of Multiple Linear Regression and Fuzzy Linear Regression Models. SN Computer Science, 2021, 2, 1.	3.6	14
3387	An Intuitionistic Fuzzy Set Driven Stochastic Active Contour Model with Uncertainty Analysis. Mathematics, 2021, 9, 301.	2.2	2

#	ARTICLE	IF	CITATIONS
3388	Fuzzy-assignment Model by Using Linguistic Variables. Baghdad Science Journal, 2021, 18, .	0.6	1
3390	Crossing cubic ideals of BCK/BCI-algebras. Journal of Algebraic Hyperstructures and Logical Algebras, 2021, 2, 17-31.	0.1	6
3391	A Novel Method for a COVID-19 Classification of Countries Based on an Intelligent Fuzzy Fractal Approach. Healthcare (Switzerland), 2021, 9, 196.	2.0	38
3392	Multiobjective capacitated green vehicle routing problem with fuzzy time-distances and demands split into bags. International Journal of Production Research, 2022, 60, 2369-2385.	7.5	19
3393	Linguistic scale consistency issues in multi-granularity decision making contexts. Applied Soft Computing Journal, 2021, 101, 107035.	7.2	9
3394	Evaluation and ranking of urban sustainability based on sustainability assessment by fuzzy evaluation model. International Journal of Environmental Science and Technology, 2022, 19, 625-650.	3.5	8
3395	Oriented Fuzzy Numbers vs. Fuzzy Numbers. Mathematics, 2021, 9, 523.	2.2	3
3396	MULTI-CRITERIONAL CHOICE OF AN ALTERNATIVE UNDER THE RULES OF FUZZY PRODUCTS WITH SOME RELIABILITY DEGREE. EUREKA, Physics and Engineering, 2021, , 124-136.	0.8	0
3397	3D fuzzy ergonomic analysis for rapid workplace design and modification in construction. Automation in Construction, 2021, 123, 103521.	9.8	19
3398	A supply chain risk management maturity model and a multi-criteria classification approach. Benchmarking, 2021, 28, 2636-2655.	4.6	13
3399	Prioritizing the effective strategies for construction and demolition waste management using fuzzy IDOCRIW and WASPAS methods. Engineering, Construction and Architectural Management, 2021, , .	3.1	16
3400	On fuzzy linearization approaches for solving multi-objective linear fractional programming problems. Fuzzy Sets and Systems, 2022, 434, 73-87.	2.7	6
3401	Fuzzy inverse logic: part-1. introduction and bases. Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	0.0	2
3402	Probabilistic linguistic term ordered weighted distance operator and its applications in public Eco-environment satisfaction evaluation. Journal of Control and Decision, 2022, 9, 58-70.	1.6	4
3403	Solving the Nominal-the-Best Decision-Making Problem by Grey-Fuzzy Linguistic Method. DEStech Transactions on Materials Science and Engineering, 2021, , .	0.0	0
3404	Recommending Turmeric Variety for Higher Production Using Interval-Valued Fuzzy Soft Set Model and PSO. International Journal of Swarm Intelligence Research, 2021, 12, 94-110.	0.7	2
3406	Multicriteria wind potential assessment using fuzzy logic in decision making: A case study of Iran. Wind Energy, 2021, 24, 1443-1465.	4.2	7
3407	Complex Uncertainty of Surface Data Modeling via the Type-2 Fuzzy B-Spline Model. Mathematics, 2021, 9, 1054.	2.2	8

#	ARTICLE	IF	CITATIONS
3408	Interval Valued T-Spherical Fuzzy Soft Average Aggregation Operators and Their Applications in Multiple-Criteria Decision Making. Symmetry, 2021, 13, 829.	2.2	9
3409	Application of linguistic/non-numeric fuzzy aggregation to the ranking of processed crops. Tanzania Journal of Science, 2021, 47, 710-717.	0.3	0
3410	An Extension TOPSIS Method Based on the Decision Maker's Risk Attitude and the Adjusted Probabilistic Fuzzy Set. Symmetry, 2021, 13, 891.	2.2	4
3411	An intuitionistic fuzzy entropy approach for supplier selection. Complex & Intelligent Systems, 2021, 7, 1869-1876.	6.5	27
3412	Comparison between the linearly correlated difference and the generalized Hukuhara difference of fuzzy numbers. Fuzzy Sets and Systems, 2022, 435, 27-43.	2.7	2
3413	Generalized similarity measures under linguistic q-rung orthopair fuzzy environment with application to multiple attribute decision-making. Granular Computing, 2022, 7, 253-275.	8.0	11
3414	An optimal Best-Worst prioritization method under a 2-tuple linguistic environment in decision making. Computers and Industrial Engineering, 2021, 155, 107141.	6.3	31
3415	Fuzzy inverse logic: part-2. validation and evaluation of the method. GÃ¼mÃ¼ÅŸhane Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , .	0.0	2
3416	A Sensor-Based Decision Support System for Transfemoral Socket Rectification. Sensors, 2021, 21, 3743.	3.8	9
3417	A Decision-Making Approach Based on New Aggregation Operators under Fermatean Fuzzy Linguistic Information Environment. Axioms, 2021, 10, 113.	1.9	10
3418	Expected consistency-based model and multiplicative DEA cross-efficiency for group decision-making with incomplete distribution linguistic preference relations. Journal of Intelligent and Fuzzy Systems, 2021, 40, 12039-12059.	1.4	2
3419	Fuzzy Linguistic Prolog on Route Prioritisation. , 2021, , .		0
3420	Research on the Evaluation Model for Wireless Sensor Network Performance Based on Mixed Multiattribute Decision-Making. Journal of Sensors, 2021, 2021, 1-13.	1.1	2
3421	An extended hesitant fuzzy set using SWARA-MULTIMOORA approach to adapt online education for the control of the pandemic spread of COVID-19 in higher education institutions. Artificial Intelligence Review, 2022, 55, 181-206.	15.7	45
3422	A fuzzy approach for assessment of smart socio-cultural attributes of a historic urban landscape: Case study of Alwar walled city in India. Sustainable Cities and Society, 2021, 69, 102855.	10.4	8
3423	A unified approach to four important classes of unary operators. International Journal of Approximate Reasoning, 2021, 133, 80-94.	3.3	2
3424	Probabilistic Linguistic Group Decision-Making Method Based on Attribute Decision and Multiplicative Preference Relations. International Journal of Fuzzy Systems, 2021, 23, 2200.	4.0	4
3425	Implementing the reliability of data information in multi-criteria decision making process based on fuzzy TOPSIS and fuzzy entropy. Journal of Physics: Conference Series, 2021, 1988, 012006.	0.4	0

#	Article	IF	Citations
3426	The integrated PFMEA approach with interval type-2 fuzzy sets and FBWM: A case study in the automotive industry. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2022, 236, 1201-1212.	1.9	6
3427	Union of Fuzzy Homogeneous Classes of Objects. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 665-684.	0.7	1
3429	Fuzzy Representation of Principalâ€™s Preferences in Inspire Negotiation Support System. Entropy, 2021, 23, 981.	2.2	1
3430	Fuzzy hypothesis testing: Systematic review and bibliography. Applied Soft Computing Journal, 2021, 106, 107331.	7.2	10
3431	Multi Criteria Decision Method based Enterprise Product Ranking using Fuzzy TOPSIS. , 2021, , .		0
3433	Preference and weak interval-valued operator in decision making problem. , 2021, , .		1
3434	Fuzzy Prediction Model to Measure Chatbot Quality of Service. , 2021, , .		2
3435	Review of wheeled mobile robot collision avoidance under unknown environment. Science Progress, 2021, 104, 003685042110377.	1.9	8
3436	Graphic Representation of a Dimensional Expansion of Triangular Fuzzy Number. Journal of Mathematics, 2021, 2021, 1-11.	1.0	2
3437	Self-Organised Direction Aware Data Partitioning for Type-2 Fuzzy Time Series Prediction. , 2021, , .		3
3438	Classification of uncertain data with a selection of relevant features based on similarities measures of Interval-Valued Fuzzy Sets. , 2021, , .		1
3439	A Consensus Reaching Process with Minimum Adjustment in Group Decision Making with Two-dimensional 2-tuple Linguistic Information based on Reliability Measurement. , 2021, , .		0
3440	A Python Software Library for Computing with Words and Perceptions. , 2021, , .		1
3441	A New Interval Type-2 Fuzzy PRISM Algorithm. , 2021, , .		0
3442	A probabilistic clustering model for hate speech classification in twitter. Expert Systems With Applications, 2021, 173, 114762.	7.6	28
3443	Stochastic approach to model spot price and value forward contracts on energy markets under uncertainty. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	2
3444	Consistency Adjustment Strategy and Multiplicative DEA Cross-Efficiency for Group Decision-Making with Probabilistic Linguistic Preference Relations. International Journal of Fuzzy Systems, 2022, 24, 537-551.	4.0	6
3445	Compositional rule of inference with a complex rule using Lukasiewicz t-norm. New Mathematics and Natural Computation, 0, , .	0.7	0

#	Article	IF	Citations
3446	Optimized score function and its application in group multiattribute decision making based on fuzzy neutrosophic sets. International Journal of Intelligent Systems, 2021, 36, 7522-7543.	5.7	16
3447	On derivatives of fuzzy multi-dimensional mappings and applications under generalized differentiability. Journal of Intelligent and Fuzzy Systems, 2021, 41, 1757-1775.	1.4	0
3448	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.	3.0	15
3449	A novel picture fuzzy linguistic Muirhead Mean aggregation operators and their application to multiple attribute decision making. Soft Computing, 2021, 25, 14741-14756.	3.6	7
3450	Robot selection problem via fuzzy TOPSIS method using novel distance and similarity measure for generalized fuzzy numbers with unequal heights. New Mathematics and Natural Computation, 0, , .	0.7	2
3451	Fuzzy rule-based acceptance criterion in metaheuristic algorithms. Journal of King Saud University - Computer and Information Sciences, 2021, , .	3.9	0
3452	On depth-based fuzzy trimmed means and a notion of depth specifically defined for fuzzy numbers. Fuzzy Sets and Systems, 2021, , .	2.7	3
3453	Probabilistic Linguistic Z Number Decision-Making Method for Multiple Attribute Group Decision-Making Problems with Heterogeneous Relationships and Incomplete Probability Information. International Journal of Fuzzy Systems, 2022, 24, 552-573.	4.0	8
3454	A Fuzzy Inference System for Management Control Tools. Mathematics, 2021, 9, 2145.	2.2	2
3455	Type 2 Fully Fuzzy Linear Programming. International Journal of Fuzzy System Applications, 2021, 10, 37-56.	0.7	1
3456	Multi-attribute group three-way decision making with degree-based linguistic term sets. International Journal of Approximate Reasoning, 2021, 137, 69-93.	3.3	9
3457	A new fuzzy fractal control approach of non-linear dynamic systems: The case of controlling the COVID-19 pandemics. Chaos, Solitons and Fractals, 2021, 151, 111250.	5.1	15
3458	Fuzzy Logic Theory and Applications in Uncertainty Management of Linguistic Evaluations for Students. Advances in Educational Technologies and Instructional Design Book Series, 2021, , 243-266.	0.2	1
3459	Interpolativity and Continuity of Similarity-Based Reasoning Fuzzy Inference. , 0, , .		1
3460	A New Method for Solving Multi-Criteria Multi-Attributes Decision Making Based on the Ranking of Type-2 Fuzzy Variables. International Journal of Fuzzy System Applications, 2021, 10, 20-42.	0.7	0
3461	On Solving Linguistic Bi-Level Programming Problem Using Dynamic Programming. International Journal of Fuzzy System Applications, 2021, 10, 43-63.	0.7	0
3462	Multi-mobile Robot and Avoidance Obstacle to Spatial Mapping in Indoor Environment. , 2021, , .		1
3463	An Overview of Fuzzy Systems. Studies in Computational Intelligence, 2021, , 25-47.	0.9	9

#	ARTICLE	IF	CITATIONS
3464	Arithmetic computation with probability words and numbers. Journal of Behavioral Decision Making, 2021, 34, 593-608.	1.7	6
3465	A Survey on Recent Applications of Pythagorean Fuzzy Sets: A State-of-the-Art Between 2013 and 2020. , 2021, , 3-38.		8
3472	From Computing with Numbers to Computing with Words—From Manipulation of Measurements to Manipulation of Perceptions. Lecture Notes in Computer Science, 2000, , 3-40.	1.3	16
3473	Evolutionary Induction of Descriptive Rules in a Market Problem. Studies in Computational Intelligence, 0, , 267-292.	0.9	2
3474	Binary Relation Based Rough Sets. Lecture Notes in Computer Science, 2006, , 276-285.	1.3	33
3475	Fuzzy Time Series Prediction Method Based on Fuzzy Recurrent Neural Network. Lecture Notes in Computer Science, 2006, , 860-869.	1.3	15
3476	Theory of Fuzzy Chaos for the Simulation and Control of Nonlinear Dynamical Systems. , 2006, , 391-414.		3
3477	Approximate Reasoning Using Fodor's Implication. , 2006, , 513-520.		2
3478	Linguistic Matrix Aggregation Operators: Extensions of the Borda Rule. , 2006, , 561-575.		2
3479	Background to and Perspectives on Possibilistic Graphical Models. Lecture Notes in Computer Science, 1998, , 397-414.	1.3	4
3480	A representation-oriented taxonomy of gradation. Lecture Notes in Computer Science, 1997, , 121-135.	1.3	12
3481	Experiments using context and significance to enhance the reporting capabilities of gis. Lecture Notes in Computer Science, 1997, , 485-496.	1.3	1
3482	A fuzzy linear approach to recognising signal profiles. Lecture Notes in Computer Science, 1998, , 677-686.	1.3	1
3484	Fuzzy logic and its contribution to reliability analysis. , 1995, , 61-76.		5
3485	Object Oriented Implementation of Fuzzy Logic Systems. IFIP Advances in Information and Communication Technology, 1998, , 589-594.	0.7	3
3487	Mapping Type 2 Change in Fuzzy Land Cover. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 167-186.	0.2	4
3488	Mapping the Ecotone with Fuzzy Sets. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 19-32.	0.2	18
3489	A Flexible Decision Support Approach to Model ill-defined Knowledge in GIS. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 133-152.	0.2	8

#	ARTICLE	IF	CITATIONS
3491	Formalizing Case Based Inference Using Fuzzy Rules. , 2001, , 47-72.		4
3493	Sustainability Assessment of Solar Technologies Based on Linguistic Information. Green Energy and Technology, 2013, , 3-25.	0.6	6
3494	The Foundations of Rule-Based Computations in Fuzzy Models. International Series in Intelligent Technologies, 1996, , 231-263.	0.1	8
3495	Fuzzy Approach in Economic Modelling of Economics of Growth. , 1996, , 155-173.		2
3496	Decision Support with Fuzzy Production Systems. , 1983, , 199-216.		8
3497	Qualitative Process Theory Using Linguistic Variables. , 1989, , .		33
3498	Statistics with Imprecise Data. , 2012, , 3052-3063.		1
3500	Fuzzy Optimization. , 2012, , 1211-1239.		2
3501	From Computing With Numbers to Computing With Words - From Manipulation of Measurements to Manipulation of Perceptions. , 2001, , 1-25.		50
3503	The Linguistic Approach and Its Application to Decision Analysis. , 1976, , 339-370.		32
3504	Satisfaction and Fuzzy Decision Functions. , 1980, , 171-194.		9
3507	Comparison of Fuzzy Controller Optimization with Dynamic Parameter Adjustment Based on of Type-1 and Type-2 Fuzzy Logic. Studies in Computational Intelligence, 2020, , 47-56.	0.9	9
3508	Multiple Criteria Analysis Based Robot Selection for Material Handling: A De Novo Approach. Studies in Computational Intelligence, 2020, , 538-548.	0.9	4
3509	Application of the SAW Method in Credit Risk Assessment. Springer Proceedings in Business and Economics, 2020, , 189-205.	0.3	3
3510	Intelligent Detection of Information Outliers Using Linguistic Summaries with Non-monotonic Quantifiers. Communications in Computer and Information Science, 2020, , 787-799.	0.5	3
3511	Analysis of the Persuasiveness of Argumentation in Popular Science Texts. Lecture Notes in Computer Science, 2020, , 351-367.	1.3	6
3513	On Orientation Sensitive Defuzzification Functionals. Lecture Notes in Computer Science, 2014, , 653-664.	1.3	14
3514	An Interval-Valued Confidence for Inference in Hybrid Knowledge-Based Systems. Smart Innovation, Systems and Technologies, 2015, , 159-184.	0.6	2

#	Article	IF	Citations
3515	Not, Or, And, - Not an End and Not no End! The â€œEnric-Trillas-Pathâ€•in Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2015, , 1-59.	0.8	1
3516	A First Inquiry on Semantic-Based Models of And. Studies in Fuzziness and Soft Computing, 2015, , 331-350.	0.8	6
3517	Uncertainty Measurement for the Interval Type-2 Fuzzy Set. Lecture Notes in Computer Science, 2016, , 183-194.	1.3	6
3518	Usages of Fuzzy Returns on Markowitzâ€™s Portfolio Selection. Lecture Notes in Computer Science, 2016, , 124-135.	1.3	2
3519	Reasoning and Decision Making in Practicing Counseling. Studies in Systems, Decision and Control, 2017, , 265-281.	1.0	1
3520	Fuzzy Numbers and Consensus. Studies in Fuzziness and Soft Computing, 2018, , 441-450.	0.8	1
3521	Consensus in Multiperson Decision Making Using Fuzzy Coalitions. Studies in Fuzziness and Soft Computing, 2018, , 451-464.	0.8	7
3522	Querying the SaintEtiQ Summaries â€“ A First Attempt. Lecture Notes in Computer Science, 2004, , 404-417.	1.3	6
3523	E-Service Intelligence: An Introduction. Studies in Computational Intelligence, 2007, , 1-33.	0.9	9
3524	Web-based Service Information Systems based on Fuzzy Linguistic Techniques and Semantic Web Technologies. Studies in Computational Intelligence, 2007, , 647-666.	0.9	5
3525	Interpretability Improvements to Find the Balance Interpretability-Accuracy in Fuzzy Modeling: An Overview. Studies in Fuzziness and Soft Computing, 2003, , 3-22.	0.8	74
3526	Constrained optimization of genetic fuzzy systems. Studies in Fuzziness and Soft Computing, 2003, , 46-71.	0.8	3
3527	From Type-1 to Type-2 Fuzzy Logic Control: A Stability and Robustness Study. , 2007, , 135-149.		2
3528	Decomposition of Fuzzy Relations and Functional Relations. Studies in Fuzziness and Soft Computing, 2004, , 251-266.	0.8	1
3529	Fuzzy Relation Equations with Words. Studies in Fuzziness and Soft Computing, 2004, , 167-185.	0.8	4
3530	Information Gathering on the Internet Using a Distributed Intelligent Agent Model with Multi-Granular Linguistic Information. Studies in Fuzziness and Soft Computing, 2004, , 95-115.	0.8	2
3532	Uncertainty in Computational Perception and~Cognition. , 2007, , 251-266.		9
3533	Systematic Design of a Stable Type-2 Fuzzy Logic Controller. , 2008, , 319-331.		5

#	Article	IF	Citations
3534	Cardinality-Based Fuzzy Time Series for Forecasting Enrollments. , 2007, , 735-744.		7
3535	Type-2 Fuzzy Logic and the Modelling of Uncertainty. , 2008, , 3-22.		8
3536	Subgroup Discovery with Linguistic Rules. , 2008, , 411-430.		2
3537	An Overview of Computing with Words using Label Semantics. , 2008, , 65-87.		7
3538	15 A New Approach for Plant Monitoring Using Type-2 Fuzzy Logic and Fractal Theory. Studies in Fuzziness and Soft Computing, 2007, , 187-202.	0.8	7
3539	Frequency-Weighted Fuzzy Time-Series Based on Fibonacci Sequence for TAIEX Forecasting. , 2007, , 27-34.		3
3540	Fuzzy-Set Decision Support for a Belgian Long-Term Sustainable Energy Strategy. Studies in Computational Intelligence, 2008, , 271-296.	0.9	5
3541	Credit Rating Method with Heterogeneous Information. , 2008, , 739-746.		3
3542	Hierarchical Classifiers for Complex Spatio-temporal Concepts. Lecture Notes in Computer Science, 2008, , 474-750.	1.3	73
3543	Infer Genetic/Transcriptional Regulatory Networks by Recognition of Microarray Gene Expression Patterns Using Adaptive Neuro-Fuzzy Inference Systems. Studies in Fuzziness and Soft Computing, 2009, , 217-233.	0.8	1
3544	Soft Computing Models for Intelligent Control of Non-linear Dynamical Systems. Studies in Computational Intelligence, 2009, , 43-70.	0.9	2
3545	Type-2 Fuzzy Logic and the Modelling of Uncertainty in Applications. Studies in Computational Intelligence, 2009, , 185-201.	0.9	4
3546	A General Methodology for Managerial Decision Making Using Intelligent Techniques. Studies in Computational Intelligence, 2009, , 103-120.	0.9	16
3547	Interval-Valued Fuzzy Control. Lecture Notes in Electrical Engineering, 2010, , 173-183.	0.4	3
3548	Fuzzy Linear Programming in Practice: An Application to the Spanish Football League. Studies in Fuzziness and Soft Computing, 2010, , 503-528.	0.8	4
3549	Applying Linguistic OWA Operators in Consensus Models under Unbalanced Linguistic Information. Studies in Fuzziness and Soft Computing, 2011, , 167-186.	0.8	11
3550	Non-symmetric Indiscernibility. Lecture Notes in Computer Science, 2011, , 26-34.	1.3	2
3551	On the Semantics of Bipolarity and Fuzziness. Advances in Intelligent and Soft Computing, 2011, , 193-205.	0.2	9

#	ARTICLE	IF	CITATIONS
3553	A Quantitative View on Quasi Fuzzy Numbers. Studies in Fuzziness and Soft Computing, 2012, , 225-236.	0.8	1
3555	Linguistic Fuzzy Rules in Data Mining: Follow-Up Mamdani Fuzzy Modeling Principle. Studies in Fuzziness and Soft Computing, 2012, , 103-122.	0.8	6
3557	Fuzzy Identification of Geometric Shapes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 269-279.	0.3	4
3559	Fuzzy Tolerance Region and Process Capability Analysis. Advances in Intelligent and Soft Computing, 2012, , 183-193.	0.2	17
3560	A New Method for Dealing with Unbalanced Linguistic Term Set. Lecture Notes in Computer Science, 2012, , 207-212.	1.3	22
3561	Research in Social Sciences: Fuzzy Regression and Causal Complexity. Studies in Fuzziness and Soft Computing, 2013, , 237-249.	0.8	11
3562	Einsatz der Fuzzy-Set-Theorie in der Ã—kosystemforschung. Informatik-Fachberichte, 1991, , 303-310.	0.2	2
3563	Fuzzy Sets and Systems and its Applications in Production Research. , 1985, , 649-656.		6
3564	A Linguistic Rule-Based Expert System For Mental Workload. , 1985, , 865-875.		5
3566	Possibilistic Graphical Models. , 2000, , 51-67.		40
3567	Some Reflections on Information Granulation and its Centrality in Granular Computing, Computing with Words, the Computational Theory of Perceptions and Precisiated Natural Language. Studies in Fuzziness and Soft Computing, 2002, , 3-20.	0.8	33
3568	Granulation and Granularity via Conceptual Structures: A Perspective From the Point of View of Fuzzy Concept Lattices. Studies in Fuzziness and Soft Computing, 2002, , 265-289.	0.8	3
3569	From Computing with Numbers to Computing with Words: From Manipulation of Measurements to Manipulation of Perceptions. Studies in Fuzziness and Soft Computing, 2002, , 81-117.	0.8	29
3570	The Principles of Fuzzy Logic: Its Mathematical and Computational Aspects. , 2001, , 189-237.		2
3571	From Computing with Numbers to Computing with Words â€" From Manipulation of Measurements to Manipulation of Perceptions. , 2000, , 3-37.		7
3572	An Implementation for Fuzzy Deductive Relational Databases. Studies in Fuzziness and Soft Computing, 2000, , 183-207.	0.8	5
3573	Fuzzy systems. , 2000, , 1-131.		5
3574	Aggregation of Linguistic Information Based on a Symbolic Approach. Studies in Fuzziness and Soft Computing, 1999, , 428-440.	0.8	9

#	ARTICLE	IF	CITATIONS
3575	On Calculating the Covariance in the Presence of Vague Data. , 1990, , 125-133.		2
3576	Fuzzy Choice. , 1987, , 99-109.		2
3577	A Linguistically-Based Regional Classification System. , 1985, , 451-485.		14
3578	A Theory of Commonsense Knowledge. , 1984, , 257-295.		61
3579	Fuzzy Logic for Biological and Agricultural Systems. , 1998, , 213-225.		3
3580	Intelligent Control and Supervision Based on Fuzzy Petri Nets. , 1997, , 217-243.		1
3581	A Glance at Non-Standard Models and Logics of Uncertainty and Vagueness. , 1993, , 169-222.		6
3583	Learning from Data: Possibilistic Graphical Models. , 2000, , 315-389.		8
3584	Fuzzy Systems Theory: A Framework for the Analysis of Humanistic Systems. , 1982, , 25-41.		19
3585	Decision Making on Critical Component Using Combined Approach. Services and Business Process Reengineering, 2020, , 143-165.	0.3	1
3586	AI Powerful Tools in Quantum Finance. , 2020, , 159-208.		2
3587	THE STRUCTURE AND ORGANIZATION OF A SEMANTIC NET FOR COMPREHENSION AND INFERENCE. , 1979, , 121-175.		31
3588	Fuzzy Concepts in Human Factors/Ergonomics Research. Advances in Human Factors/Ergonomics, 1986, 6, 41-54.	0.1	7
3589	Measurement of Membership Functions. Advances in Human Factors/Ergonomics, 1986, , 55-67.	0.1	22
3590	A Fuzzy Method for the Modeling of Human-Computer Interactions in Information Retrieval Tasks. Advances in Human Factors/Ergonomics, 1986, 6, 117-133.	0.1	3
3591	Identification of Learning Curve Based on Possibilistic Concepts. Advances in Human Factors/Ergonomics, 1986, 6, 191-208.	0.1	14
3592	Knowledge Structures and Evidential Reasoning in Decision Analysis. Machine Intelligence and Pattern Recognition, 1986, 4, 303-316.	0.2	2
3593	Experiments with Interval-Valued Uncertainty. Machine Intelligence and Pattern Recognition, 1988, 5, 63-75.	0.2	8

#	ARTICLE	IF	CITATIONS
3594	Use of Fuzzy Sets Theory: (Part-II : Applications). Fundamental Studies in Engineering, 1993, 16, 551-586.	0.0	10
3595	Techniques and Applications of Control Systems Based on Knowledge-Based Interpolation. , 1999, , 431-460.		1
3596	Dialectic reasoning with inconsistent information. , 1993, , 114-121.		46
3597	A Method for Integrating Utility Analysis into an Expert System for Design Evaluation under Uncertainty. , 1991, , 398-405.		6
3600	Risk assessment by failure mode and effects analysis (FMEA) using an interval number based logistic regression model. Safety Science, 2020, 132, 104967.	4.9	61
3601	Establishing a MAN access strategy for future broadband service: a fuzzy MCDM analysis of SONET/SDH and Gigabit Ethernet. Technovation, 2005, 25, 557-567.	7.8	8
3602	Fuzzy neural networks techniques and their applications. Neural Network Systems Techniques and Applications, 1998, , 1-56.	0.0	4
3603	Judgments of proportions.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 613-625.	0.9	52
3604	Vagueness and Language Use. , 2011, , .		43
3606	Combining Bayesian and logical-probabilistic approaches for fuzzy inference systems implementation. Journal of Physics: Conference Series, 2020, 1703, 012042.	0.4	1
3607	Algorithm for Intersection of Fuzzy Homogeneous Classes of Objects. , 2020, , .		3
3608	Hierarchical models of the team learning in a dynamic environment. , 0, , .		1
3610	PATTERN RECOGNITION: EVOLUTION OF METHODOLOGIES AND DATA MINING. , 2001, , 1-23.		3
3611	RECOMMENDATION BASED ON PERSONAL PREFERENCE. Series in Machine Perception and Artificial Intelligence, 2004, , 101-115.	0.1	6
3612	A Practical Approach to Type-1 OWA Operation for Soft Decision Making. , 2008, , .		4
3613	ORIEB, A LINGUISTIC CRS FOR SUPPORTING DECISION MAKING IN ACADEMIC ORIENTATION. , 2008, , .		5
3614	A linguistic approach for non-functional constraints in a semantic SOA environment. , 2008, , .		2
3615	ON GROUP DECISION MAKING UNDER LINGUISTIC PREFERENCES AND FUZZY LINGUISTIC QUANTIFIERS. Advances in Fuzzy Systems, 1995, , 173-180.	8.7	7

#	ARTICLE	IF	CITATIONS
3616	NEGOTIATION AND CONFLICT RESOLUTION IN PRODUCTION ENGINEERING THROUGH SOURCE CONTROL. Advances in Fuzzy Systems, 1995, , 181-188.	8.7	3
3618	Procedural representation in a fuzzy problem-solving system. , 1976, , .		1
3619	INTERVAL-VALUED INTUITIONISTIC GRADATION OF OPENNESS. Korean Journal of Mathematics, 2016, 24, 27-40.	0.2	3
3621	Homotopy Analysis Method for the First Order Fuzzy Volterra-Fredholm Integro-differential Equations. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 857.	0.8	9
3622	Finding Kicking Range of Sepak Takraw Game: A Fuzzy Logic Approach. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2015, 14, .	0.1	6
3623	A Method of Evaluating Assurance Requirements. Information & Security an International Journal, 2012, 28, 108-120.	0.4	1
3624	Homotopy Method for Solving Finite Level Fuzzy Nonlinear Integral Equation. Applied and Computational Mathematics, 2015, 4, 245.	0.3	1
3625	On Semantic Algebra: A Denotational Mathematics for Natural Language Comprehension and Cognitive Computing. Journal of Advanced Mathematics and Applications, 2013, 2, 145-161.	0.5	49
3626	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
3628	Modelling Execution Tracing Quality by Means of Type-1 Fuzzy Logic. Acta Polytechnica Hungarica, 2013, 10, .	2.9	6
3629	Multi-Valued Logic Circuit Design and Implementation. International Journal of Electronics and Electrical Engineering, 2014, 3, .	0.2	4
3630	FUZZY CRITICAL PATH PROBLEM FOR PROJECT NETWORK. International Journal of Pure and Applied Mathematics, 2013, 85, .	0.2	18
3631	Fuzzy Logic Methods to Evaluate the Quality of Life in the Regions of Ecuador. Quality Innovation Prosperity, 2017, 21, 61.	1.4	3
3632	A Resolution Method for Linguistic Many-valued Logic. Applied Mathematics and Information Sciences, 2013, 7, 1193-1200.	0.5	4
3633	Some Aggregation Operators with Intuitionistic Trapezoid Fuzzy Linguistic Information and their Applications to Multi-Attribute Group Decision Making. Applied Mathematics and Information Sciences, 2014, 8, 2427-2436.	0.5	5
3634	Evolving Fuzzy Neural Networks by Particle Swarm Optimization with Fuzzy Genotype Values. International Journal of Computing and Digital Systems, 2014, 3, 181-187.	0.7	3
3635	Perfectly normal type-2 fuzzy interpolation B-spline curve. Applied Mathematical Sciences, 0, 7, 1043-1055.	0.1	4
3636	On defining complex uncertainty data points by type-2 fuzzy number: two specials cases. International Journal of Mathematical Analysis, 0, 7, 1285-1300.	0.3	2

#	Article	IF	Citations
3637	Intelligent control of dynamic systems using type-2 fuzzy logic and stability issues. International Mathematical Forum, 0, , 1371-1382.	0.1	27
3638	A fuzzy residual strength based fatigue life prediction method. Structural Engineering and Mechanics, 2015, 56, 201-221.	1.0	6
3639	Sistema inteligente para procesamiento de imÃ¡genes en control de calidad basado en el modelo difuso singleton tipo 1. Research in Computing Science, 2014, 74, 117-130.	0.1	5
3640	Genetic Design of Fuzzy Neural Networks Based on Respective Input Spaces Using Interval Type-2 Fuzzy Set. International Journal of Software Engineering and Its Applications, 2013, 7, 15-24.	0.2	2
3642	NEW CONCEPTS OF PRODUCT INTERVAL-VALUED FUZZY GRAPH. Journal of Applied Mathematics & Informatics, 2016, 34, 179-192.	0.1	4
3643	Application of Expert System with Fuzzy Logic in Teachersâ€™ Performance Evaluation. International Journal of Advanced Computer Science and Applications, 2011, 2, .	0.7	22
3644	Edge Detection on DICOM Image using Triangular Norms in Type-2 Fuzzy. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	5
3645	Ant Colony Optimization of Interval Type-2 Fuzzy C-Means with Subtractive Clustering and Multi-Round Sampling for Large Data. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	3
3646	Estimation of the Informal Economy: An Application of Fuzzy Sets. Independent Journal of Management & Production, 2014, 5, .	0.4	1
3647	Use of Fuzzy Control in Automated Soil Testing. Geotechnical Testing Journal, 1994, 17, 356-362.	1.0	1
3648	Process Performance Evaluation with Imprecise Information. Journal of Testing and Evaluation, 2010, 38, 102480.	0.7	8
3649	Improving the Management and Operational Success of the Third Party Logistics Industry in Taiwan: Application of Fuzzy Quality Function Deployment. Journal of Testing and Evaluation, 2015, 43, 20130217.	0.7	6
3650	MULTIMOORA-FG: A Multi-Objective Decision Making Method for Linguistic Reasoning with an Application to Personnel Selection. Informatica, 2012, 23, 173-190.	2.7	53
3651	A Method Based on OWA Operator and Distance Measures for Multiple Attribute Decision Making with 2-Tuple Linguistic Information. Informatica, 2012, 23, 665-681.	2.7	17
3652	Extension of the ARAS Method for Decision-Making Problems with Interval-Valued Triangular Fuzzy Numbers. Informatica, 2015, 26, 335-355.	2.7	49
3653	Some Generalized Interval-Valued 2-Tuple Linguistic Correlated Aggregation Operators and Their Application in Decision Making. Informatica, 2016, 27, 111-139.	2.7	4
3654	The PROMTHEE II Method Based on Probabilistic Linguistic Information and Their Application to Decision Making. Informatica, 2018, 29, 303-320.	2.7	35
3655	Extension of WASPAS with Spherical Fuzzy Sets. Informatica, 2019, 30, 269-292.	2.7	113

#	Article	IF	Citations
3657	A NOVEL MULTIPLE CRITERIA DECISION-MAKING METHOD USING A LIKELIHOOD-BASED COMPROMISE APPROACH UNDER COMPLEX UNCERTAINTY. International Journal of Research in Engineering and Technology, 2017, 06, 46-57.	0.1	3
3658	A New Fuzzy Regression Model by Mixing Fuzzy and Crisp Inputs. American Review of Mathematics and Statistics, 2018, 6, .	0.3	2
3659	IMPROVING AIR QUALITY IN COMMUNITIES BY USING A MULTICRITERIA DECISION-MAKING MODEL BASED ON BIG DATA: A CRITICAL REVIEW. Applied Ecology and Environmental Research, 2017, 15, 15-31.	0.5	7
3660	Industrial zoning of East Azerbaijan Province of Iran using multicriteria evaluation modeling. Applied Ecology and Environmental Research, 2017, 15, 1565-1576.	0.5	6
3661	Applications of Fuzzy Technology in Business Intelligence. International Journal of Computers, Communications and Control, 2014, 6, 428.	1.8	19
3662	Adaptive Non-singleton Type-2 Fuzzy Logic Systems: A Way Forward for Handling Numerical Uncertainties in Real World Applications. International Journal of Computers, Communications and Control, 2014, 6, 503.	1.8	35
3663	From Electrical Engineering and Computer Science to Fuzzy Languages and the Linguistic Approach of Meaning: The non-technical Episode: 1950-1975. International Journal of Computers, Communications and Control, 2014, 6, 530.	1.8	3
3664	Axiomatic Theory of Complex Fuzzy Logic and Complex Fuzzy Classes. International Journal of Computers, Communications and Control, 2014, 6, 562.	1.8	55
3665	Fuzzy Local Trend Transform based Fuzzy Time Series Forecasting Model. International Journal of Computers, Communications and Control, 2014, 6, 603.	1.8	3
3666	The Fuzzification of Classical Structures: A General View. International Journal of Computers, Communications and Control, 2015, 10, 12.	1.8	11
3667	A Retrospective Assessment of Fuzzy Logic Applications in Voice Communications and Speech Analytics. International Journal of Computers, Communications and Control, 2015, 10, 105.	1.8	6
3668	Title is missing!. Logforum, 2018, 14, 507-518.	1.2	3
3669	Intuitionistic Fuzzy Logic Control for Washing Machines. Indian Journal of Science and Technology, 2014, 4, 654-661.	0.7	18
3670	Generalized Point Estimators for Fuzzy Multivariate Data. Austrian Journal of Statistics, 2018, 47, 33-44.	0.6	1
3671	(ẫ, ẫ ∨q)-Interval-Valued Fuzzy Dot d-Ideals of d-Algebras. Advanced Trends in Mathematics, 0, 3, 1-15.	0.0	2
3672	A Membership-based Multi-dimension Hierarchical Deep Neural Network Approach for Fault Diagnosis. , 2017, , .		2
3673	Fuzzy Logic for Social Simulation Using NetLogo. Jasss, 2015, 18, .	1.8	24
3674	Second Order Fuzzy Fractional Differential Equations Under Caputo's H-Differentiability. Applied Mathematics and Information Sciences, 2017, 11, 1597-1608.	0.5	9

#	Article	IF	Citations
3675	FuzzyStatProb: An<i>R</i>Package for the Estimation of Fuzzy Stationary Probabilities from a Sequence of Observations of an Unknown Markov Chain. Journal of Statistical Software, 2016, 71, .	3.7	2
3676	What are the Goals of Distributional Semantics?. , 2020, , .		9
3677	Nonâ€‘Metric Data in Household Durable Goods Analysis. Selected Aspects. Acta Universitatis Lodziensis Folia Oeconomica, 2017, 4, .	0.3	1
3678	Cubic Hesitant Fuzzy Sets and Their Applications to Multi Criteria Decision Making. International Journal of Algebra and Statistics, 2016, 5, 19.	0.7	55
3679	Fuzzy mapping of momentum fluxes in complex shear flows with limited data. Journal of Hydroinformatics, 2001, 3, 91-103.	2.4	2
3680	Handling Human-Centered Systems Uncertainty Using Fuzzy Logics - A Review~!2010-04-16~!2010-06-30~!2010-08-07~!. The Ergonomics Open Journal, 2010, 3, 38-48.	1.8	11
3686	Supplier Selection Based On Supplier Risk: An ANP And Fuzzy TOPSIS Approach. Journal of Mathematics and Computer Science, 2011, 02, 111-121.	1.0	16
3687	AN IMPLICIT METHOD FOR FUZZY PARABOLIC PARTIAL DIFFERENTIAL EQUATIONS. Journal of Nonlinear Science and Applications, 2008, 01, 61-71.	1.0	8
3688	Strong intuitionistic fuzzy graphs. Filomat, 2012, 26, 177-196.	0.5	154
3689	Hesitant fuzzy linguistic two-sided matching decision making. Filomat, 2018, 32, 1853-1860.	0.5	8
3690	Fuzzy optimization in hydrodynamic analysis of groundwater control systems: Case study of the pumping station "Bezdan 1", Serbia. Geoloski Anali Balkanskoga Poluostrva, 2014, , 103-110.	0.6	3
3691	Fuzzy model for determination and assessment of groundwater quality in the city of Zrenjanin, Serbia. Hemijska Industrija, 2015, 69, 17-28.	0.7	12
3692	Supplier selection using different metric functions. Yugoslav Journal of Operations Research, 2015, 25, 413-423.	0.8	5
3693	A fuzzy Bi-linear management model in reverse logistic chains. Yugoslav Journal of Operations Research, 2016, 26, 61-74.	0.8	3
3694	A Probabilistic and Statistical View of Fuzzy Methods. Technometrics, 1995, 37, 249.	1.9	72
3695	An Adaptive Type-2 Fuzzy Neural Controller for Nonlinear Uncertain Systems. Control and Intelligent Systems, 2005, 33, .	0.3	12
3696	An extended fuzzy VIKOR for group decision making based on fuzzy distance to supplier selection. Scientia Iranica, 2016, 23, 1879-1892.	0.4	9
3697	A Novel Interval Type-2 Fuzzy AHP-TOPSIS Approach For Ranking Reviewers in online communities. Scientia Iranica, 2016, 23, 2355-2373.	0.4	9

#	ARTICLE	IF	CITATIONS
3698	Determining project characteristics and critical path by a new approach based on modified NWRT method and risk assessment under an interval type-2 fuzzy environment. Scientia Iranica, 2018, .	0.4	3
3699	A Hesitant Fuzzy Linguistic Choquet Integral-Based MULTIMOORA Method for Multiple Criteria Decision Making and its Application in Talent Selection. Economic Computation and Economic Cybernetics Studies and Research, 2019, 53, 113-130.	0.4	15
3700	A FUZZY BASED METHOD FOR DIAGNOSIS OF ACNE SKIN DISEASE SEVERITY. I-manager's Journal on Pattern Recognition, 2018, 5, 10.	0.3	3
3703	Rationality of two fuzzy negotiation solutions by Knowledge Engineering to n-person cooperative games. , 2013, , .		1
3704	Existence and uniqueness of two fuzzy solutions to cooperative games. , 2013, , .		1
3705	Interval Type-2 Fuzzy PID Control and Simulation. , 2012, , .		5
3706	Some remarks on topological structures in the context of fuzzy relational mathematical morphology. , 0, , .		3
3707	Hospital Location Selection Using Spherical Fuzzy TOPSIS. , 0, , .		43
3708	Fault Tolerant Control Design Based on Takagi-Sugeno Fuzzy Logic: Application to a Three-Tank System. , 0, , .		3
3709	Solid Waste Disposal Site Selection by Using Neutrosophic Combined Compromise Solution Method. , 0, , .		12
3710	Typical Hesitant Fuzzy Sets: Evaluating Strategies in GDM Applying Consensus Measures. , 0, , .		2
3711	Performance Comparisons of Law Offices and Optimum Allocation of Debt Files Using Z-Fuzzy AHP. , 0, , .		6
3712	Type-2 Fuzzy Logic Approach for Overloaded Hosts in Consolidation of Virtual Machines in Cloud Computing. , 0, , .		3
3713	Redundancies in systems of fuzzy/linguistic IF-THEN rules. , 2011, , .		5
3714	The Type-1 OWA Operator and the Centroid of Type-2 Fuzzy Sets. , 2011, , .		3
3715	Fuzzy Function: Theoretical and Practical Point of View. , 2011, , .		15
3716	On lattice structure and implications on ordered fuzzy numbers. , 2011, , .		11
3717	Computational Models of Affect and Fuzzy Logic. , 2011, , .		7

#	ARTICLE	IF	CITATIONS
3718	Evaluating Consulting Firms Using a Centroid Ranking Approach based Fuzzy MCDM Method. , 2011, , .		2
3719	Linear programming with Triangular Intuitionistic Fuzzy Number. , 2011, , .		50
3720	Towards fuzzy linguistic Markov chains. , 2013, , .		4
3721	Type-2 aggregation operators. , 2013, , .		5
3722	Fuzzy Approaches Applied into Balanced Scorecard Customer Perspective. , 2013, , .		1
3723	Using Fuzzy FP-Growth for Mining Association Rules. , 2017, , .		4
3724	Examples of Aggregation Operators on Membership Degrees of Type-2 Fuzzy Sets. , 0, , .		7
3725	Dynamic parameter adaptation in Ant Colony Optimization using a fuzzy system for TSP problems. , 0, , .		13
3726	Statistical Analysis of Type-1 and Interval Type-2 Fuzzy Logic in dynamic parameter adaptation of the BCO. , 0, , .		21
3727	Construction of Typical Hesitant Triangular Norms regarding Xu-Xia-partial Order. , 0, , .		7
3728	Measuring Quality Policy Deployment: A Fuzzy Logic Approach. , 0, , .		1
3729	A Family of Joint Possibility Distributions for Adding Interactive Fuzzy Numbers Inspired by Biomathematical Models. , 0, , .		6
3730	Enhanced Fuzzy Systems for Type 2 Fuzzy and their Application in Dynamic System Identification. , 0, , .		2
3731	Time Series Classification with Linguistic Summaries. , 0, , .		3
3732	An Extension of Fuzzy Deformable Prototypes for predicting student performance on Web-based Tutoring Systems. , 0, , .		2
3733	A dynamic multi-attribute group emergency decision making method considering experts' hesitation. International Journal of Computational Intelligence Systems, 2018, 11, 163.	2.7	35
3734	A Fuzzy Inference System for Credit Scoring using Boolean Consistent Fuzzy Logic. International Journal of Computational Intelligence Systems, 2018, 11, 414.	2.7	6
3735	Personalized individual semantics based approach to MAGDM with the linguistic preference information on alternatives. International Journal of Computational Intelligence Systems, 2018, 11, 496.	2.7	9

#	ARTICLE	IF	CITATIONS
3736	Team Situation Awareness Using Web-based Fuzzy Group Decision Support Systems. International Journal of Computational Intelligence Systems, 2008, 1, 50.	2.7	14
3737	Management of Uncertainty and Spatio-Temporal Aspects for Monitoring and Diagnosis in a Smart Home. International Journal of Computational Intelligence Systems, 2008, 1, 361.	2.7	37
3738	Evaluation of E-Learning Web Sites Using Fuzzy Axiomatic Design Based Approach. International Journal of Computational Intelligence Systems, 2010, 3, 28.	2.7	13
3739	Computing with Words in Risk Assessment. International Journal of Computational Intelligence Systems, 2010, 3, 396.	2.7	14
3740	A Review on Information Accessing Systems Based on Fuzzy Linguistic Modelling. International Journal of Computational Intelligence Systems, 2010, 3, 420.	2.7	16
3741	Power Distribution System Planning Evaluation by a Fuzzy Multi-Criteria Group Decision Support System. International Journal of Computational Intelligence Systems, 2010, 3, 474.	2.7	8
3742	The Study on Multi-Attribute Decision-Making with Risk Based on Linguistic Variable. International Journal of Computational Intelligence Systems, 2010, 3, 601.	2.7	14
3743	Comparative Study of Image Thresholding Using Type-2 Fuzzy Sets and Cloud Model. International Journal of Computational Intelligence Systems, 2010, 3, 61.	2.7	3
3744	A Fuzzy System for Estimating Premium Cost of Option Exchange Using Mamdani Inference: Derivatives Market of Mexico. International Journal of Computational Intelligence Systems, 2017, 10, 153.	2.7	9
3745	Process Capability Analysis Using Interval Type-2 Fuzzy Sets. International Journal of Computational Intelligence Systems, 2017, 10, 721.	2.7	11
3746	Fuzzy Tools in Recommender Systems: A Survey. International Journal of Computational Intelligence Systems, 2017, 10, 776.	2.7	128
3747	Internet and Fuzzy Based Control System for Rotary Kiln in Cement Manufacturing Plant. International Journal of Computational Intelligence Systems, 2017, 10, 835.	2.7	7
3748	Location, Allocation and Routing of Temporary Health Centers in Rural Areas in Crisis, Solved by Improved Harmony Search Algorithm. International Journal of Computational Intelligence Systems, 2017, 10, 894.	2.7	45
3749	Increasing and Decreasing with Fuzzy Time Series. , 0, , .		6
3750	Fuzzy LP with a Non-Linear MF for Product-Mix solution: A Case-Based Re-modelling and Solution. , 0, , .		1
3751	A Realistic Personnel Selection Tool Based on Fuzzy Data Mining Method. , 0, , .		16
3752	Toolbox for Interval Type-2 Fuzzy Logic Systems. , 2008, , .		7
3753	Multiple Internet of Intelligences for Risk Analysis. Journal of Risk Analysis and Crisis Response (JRACR), 2014, 4, 61.	0.3	4

#	Article	IF	Citations
3756	Modelling the Semantics of Adjectives in the Ontology-Lexicon Interface. , 2014, , .		3
3757	Fuzzy Feedback Control for Real-Time Dynamic Traffic Routing: User Equilibrium Model Formulations and Controller Design. Transportation Research Record, 1996, 1556, 137-146.	1.9	18
3758	Using a Fuzzy Quality Function Deployment Model to Identify Improvement Points in Airport Cargo Terminals. Transportation Research Record, 2005, 1935, 130-140.	1.9	2
3759	Entropy, Distance and Similarity Measures under Interval Valued Intuitionistic Fuzzy Environment. Informatica (Slovenia), 2018, 42, .	0.9	9
3760	On aggregation operators for linguistic trapezoidal fuzzy intuitionistic fuzzy sets and their application to multiple attribute group decision making. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2907-2950.	1.4	11
3761	The Best Way to Access Gas Stations using Fuzzy Logic Controller in a Neutrosophic Environment. Scientific Inquiry and Review, 2019, 4, 30-45.	0.2	1
3762	Subgroup Discovery with Evolutionary Fuzzy Systems in R: The SDEFSR Package. R Journal, 2016, 8, 307.	1.8	4
3763	A Fuzzy Logic Approach to Decision Support in Medicine. Bangladesh Journal of Scientific and Industrial Research, 2011, 46, 41-46.	0.3	6
3764	Induced OWA Operator for Group Decision Making Dealing with Extended Comparative Linguistic Expressions with Symbolic Translation. Mathematics, 2021, 9, 20.	2.2	11
3765	FUZZY MULTICRITERIA FOR DETERMINING REASONABLE ADJUSTMENT IN HOUSING. Technological and Economic Development of Economy, 2019, 25, 421-446.	4.6	3
3766	GROUP DECISION-MAKING MODELS FOR VENTURE CAPITALISTS: THE PROMETHEE WITH HESITANT FUZZY LINGUISTIC INFORMATION. Technological and Economic Development of Economy, 2019, 25, 743-773.	4.6	17
3767	THE IMPORTANCE OF ENTERPRISE RISK MANAGEMENT IN LARGE COMPANIES IN COLOMBIA. Technological and Economic Development of Economy, 2019, .	4.6	8
3768	A bacterial foraging optimization approach for tuning type-2 fuzzy logic controller. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	1.4	2
3769	Using Modified Fuzzy Perception-importance Analysis to Evaluate Customer Value for Global Shipping Carrier-based Logistics Service Providers. Information Technology Journal, 2012, 11, 1434-1441.	0.3	7
3770	Evaluating Quality Improvement of Service Recovery for Ocean Freight Forwarders in Taiwan. Information Technology Journal, 2012, 11, 1579-1587.	0.3	7
3771	Measuring Customer Satisfaction Using a Fuzzy Inference System. Journal of Applied Sciences, 2009, 9, 469-478.	0.3	11
3772	Fuzzy Linguistic Modelling in Multi Modal Human Computer Interaction. , 2012, , 64-79.		2
3773	An Intelligent Process Development Using Fusion of Genetic Algorithm with Fuzzy Logic. Advances in Computational Intelligence and Robotics Book Series, 2015, , 44-81.	0.4	3

#	Article	IF	Citations
3774	A Constraint Based Fuzzy Object Oriented Database Model. , 2005, , 1-45.		6
3777	Handbook of Research on Fuzzy Information Processing in Databases. , 2008, , .		70
3778	Type-2 Fuzzy Interface for Artificial Neural Network. , 2010, , 72-92.		1
3779	Data Mining Using Fuzzy Decision Trees. Advances in Data Mining and Database Management Book Series, 0, , 47-66.	0.5	2
3780	Knowledge, Truth, and Values in Computer Science. , 2010, , 119-131.		1
3781	Fuzz-iDEVS: towards a fuzzy toolbox for discrete event systems. , 2009, , .		9
3782	PARAMETRIC OPERATIONS FOR TWO FUZZY NUMBERS. Communications of the Korean Mathematical Society, 2013, 28, 635-642.	0.2	5
3783	ON THEIL'S METHOD IN FUZZY LINEAR REGRESSION MODELS. Communications of the Korean Mathematical Society, 2016, 31, 185-198.	0.2	2
3785	Case-Centred Methods and Quantitative Analysis. , 2009, , 184-207.		6
3787	The Multi-Interval-Valued Fuzzy Soft Set with Application in Decision Making. Applied Mathematics, 2015, 06, 1250-1262.	0.4	10
3788	Intelligent Decisions Modeling for Energy Saving in Lifts:An Application for Kleemann Hellas Elevators. Energy and Power Engineering, 2013, 05, 236-244.	0.8	5
3789	Interval Type-2 Fuzzy Logic Control of Mobile Robots. Journal of Intelligent Learning Systems and Applications, 2012, 04, 291-302.	0.5	19
3790	Identification of Question and Non-Question Segments in Arabic Monologues Using Prosodic Features: Novel Type-2 Fuzzy Logic and Sensitivity-Based Linear Learning Approaches. Journal of Intelligent Learning Systems and Applications, 2013, 05, 165-175.	0.5	1
3791	Increasing the Efficiency of Transboundary Water Management: A Regionalization Approach. Journal of Water Resource and Protection, 2010, 02, 501-506.	0.8	3
3792	Two-Phase Multi Objective Fuzzy Linear Programming Approach for Sustainable Irrigation Planning. Journal of Water Resource and Protection, 2013, 05, 642-651.	0.8	9
3793	Modeling of an Organizational Environment by System Dynamics and Fuzzy Logic. Open Journal of Safety Science and Technology, 2013, 03, 96-104.	0.3	4
3794	Solution of Fuzzy Volterra Integral Equations In A Bernstein Polynomial Basis. Journal of Advances in Information Technology, 2013, 4, .	2.9	8
3795	A Genetic Fuzzy System Based On Improved Fuzzy Functions. Journal of Computers, 2009, 4, .	0.4	3

#	Article	IF	Citations
3796	Similarity measures for content-based image retrieval based on intuitionistic fuzzy set theory. Journal of Computers, 2012, 7, .	0.4	11
3797	Uncertain Linguistic Multiple Attribute Group Decision Making Approach and Its Application to Software Project Selection. Journal of Software, 2011, 6, .	0.6	2
3798	Novel Methods for Intuitionistic Fuzzy Multiple Attribute Decision Making. Journal of Software, 2012, 7, .	0.6	6
3799	Vertical Handoff Algorithm Based on Type-2 Fuzzy Logic in Heterogeneous Networks. Journal of Software, 2013, 8, .	0.6	6
3800	Research on Trustworthiness Evaluation Method of Software Resources Based on Fuzzy Sets. Journal of Software, 2013, 8, .	0.6	1
3801	Toma de Decisiones Estratégicas en Entornos Inciertos. Revista De Metodos Cuantitativos Para La Economia Y La Empresa, 0, 30, 79-96.	0.0	3
3802	Fuzzy maintenance costs of a wind turbine pitch control device. International Journal of Production Management and Engineering, 2015, 3, 103.	1.5	3
3803	Classification of Fuzzy-Based Information using Improved Backpropagation Algorithm of Artificial Neural Networks. International Journal of Computational Intelligence Research, 2007, 3, .	0.3	4
3804	Automated Group Decision Support Systems Under Uncertainty: Trends and Future Research. International Journal of Computational Intelligence Research, 2008, 4, .	0.3	1
3805	On Uncertain Granular Numbers. International Journal of Computer Applications, 2013, 62, 20-27.	0.2	6
3806	Fuzzy based Sentiment Analysis of Online Product Reviews using Machine Learning Techniques. International Journal of Computer Applications, 2014, 99, 9-16.	0.2	9
3807	Type2 TSK Fuzzy Logic System and its Type1 Counterpart. International Journal of Computer Applications, 2011, 20, 8-13.	0.2	22
3808	Application of Fuzzy Ranking Method to Determine the Replacement Time for Fuzzy Replacement Problem. International Journal of Computer Applications, 2011, 25, 41-47.	0.2	15
3809	A New Functional Dependency in a Vague Relational Database Model. International Journal of Computer Applications, 2012, 39, 29-36.	0.2	10
3810	Developing Fuzzy TOPSIS Method based on Interval-valued Fuzzy Sets. International Journal of Computer Applications, 2012, 42, 7-18.	0.2	13
3811	A Rough Type-2 Fuzzy Clustering Algorithm for MR Image Segmentation. International Journal of Computer Applications, 2012, 54, 4-11.	0.2	18
3812	A Fuzzy AHP Model for Selection of University Academic Staff. International Journal of Computer Applications, 2016, 141, 19-26.	0.2	8
3813	A Survey Of Fuzzy Control For Stabilized Platforms. International Journal of Computer Science & Engineering Survey, 2011, 2, 48-57.	0.3	8

#	Article	IF	Citations
3814	Interval-Valued Intuitionistic Fuzzy Closed Ideals Of Bg-Algebra And Their Products. International Journal of Fuzzy Logic Systems, 2012, 2, 27-44.	0.2	11
3815	Importance of the Neutral Category in Fuzzy Clustering of Sentiments. International Journal of Fuzzy Logic Systems, 2014, 4, 1-6.	0.2	2
3816	Interval Type-2 Intuitionistic Fuzzy Logic System for Time Series and Identification Problems - A Comparative Study. International Journal of Fuzzy Logic Systems, 2020, 10, 1-17.	0.2	3
3817	Water level forecasting through fuzzy logic and artificial neural network approaches. Hydrology and Earth System Sciences, 2006, 10, 1-17.	4.9	136
3818	Ranking of Interval Type-2 Fuzzy Numbers based on Centroid Point and Spread. , 2015, , .		3
3819	Nodes clustering using Fuzzy logic to optimize energy consumption in Mobile Ad hoc Networks (MANET). Management Science Letters, 2012, 2, 3031-3040.	1.5	8
3821	Evaluation of Ship Repair Services: A Case Study of Taiwan Shipping Companies' Selection. Transportation Journal, 2018, 57, 280-309.	0.7	2
3822	A Headache Diagnosis Method Using an Aggregate Operator. Communications for Statistical Applications and Methods, 2012, 19, 359-365.	0.3	2
3823	Interval-valued Fuzzy Normal Subgroups. International Journal of Fuzzy Logic and Intelligent Systems, 2012, 12, 205-214.	1.1	7
3824	On Neural Fuzzy Systems. International Journal of Fuzzy Logic and Intelligent Systems, 2014, 14, 276-287.	1.1	2
3825	Interval Valued D-Implications. TeMa, 2009, 10, .	0.1	4
3826	Analyzing the Relationship between Interval-valued D-Implications and Interval-valued QL-Implications. TeMa, 2010, 11, .	0.1	3
3827	Linguistic Variables of Type-N. A Mathematical Model. TeMa, 2011, 12, .	0.1	1
3828	A Study on Subjectivities of Type 1 and 2 in Parameters of Differential Equations. TeMa, 2015, 16, 51.	0.1	6
3829	THE MULTIMODAL APPROACH TO THE MODELLING OF MODAL SPLIT. Archives of Transport, 2014, 29, 55-63.	1.1	4
3830	Prioritization of export promotion programs by Fuzzy linear assignment method. Engineering Economics, 2013, 23, .	2.6	2
3831	Building an Intelligent Controller using Simple Genetic Type-2 Fuzzy Logic System. , 0, , .		3
3832	Fuzzy Knowledge Representation Using Probability Measures of Fuzzy Events. , 0, , .		2

#	Article	IF	Citations
3833	Rank University Websites Using Fuzzy AHP and Fuzzy TOPSIS Approach on Usability. International Journal of Information Engineering and Electronic Business, 2015, 7, 29-36.	1.2	27
3834	Layers of Protection Analysis Using Possibility Theory. International Journal of Intelligent Systems and Applications, 2012, 5, 16-29.	1.1	2
3835	A New Entropy Weight for Sub-Criteria in Interval Type-2 Fuzzy TOPSIS and Its Application. International Journal of Intelligent Systems and Applications, 2013, 5, 25-33.	1.1	25
3836	INTERVAL-VALUED SMOOTH TOPOLOGICAL SPACES. Honam Mathematical Journal, 2010, 32, 711-738.	0.1	17
3837	Hesitant fuzzy prioritized operators and their application in multi-criteria group decision making. African Journal of Business Management, 2012, 6, .	0.5	37
3838	Solving Fuzzy Nonlinear Volterra-Fredholm Integral Equations by Using Homotopy Analysis and Adomian Decomposition Methods. Journal of Fuzzy Set Valued Analysis, 0, 2011, 1-13.	0.2	21
3839	Minimal Solution of Non-square Fuzzy Linear Systems. Journal of Fuzzy Set Valued Analysis, 0, 2012, 1-10.	0.2	3
3840	Solving Fully Fuzzy Linear System of Equations in General Form. Journal of Fuzzy Set Valued Analysis, 2012, 2012, 1-11.	0.2	19
3841	Approximate solutions of dual fuzzy polynomials by feed-back neural networks. Journal of Soft Computing and Applications, 0, 2012, 1-16.	0.0	24
3842	Minimal solution for inconsistent singular fuzzy matrix equations. Communications in Numerical Analysis, 0, 2013, 1-9.	0.1	3
3843	Row Reduced Echelon Form for Solving Fully Fuzzy System with Unknown Coefficients. Journal of Fuzzy Set Valued Analysis, 0, 2014, 1-18.	0.2	8
3844	Solution of First Order Linear Non Homogeneous Ordinary Differential Equation in Fuzzy Environment Based on Lagrange Multiplier Method. Journal of Uncertainty in Mathematics Science, 0, 2014, 1-18.	0.0	1
3845	An integrated inventory model of imperfect quality products with fuzzy chance constraints. Journal of Uncertainty in Mathematics Science, 0, 2014, 1-19.	0.0	7
3846	Analysis on Criteria based Emotive Music Composition Selection using a New Trapezoidal Fuzzy DEMATEL - TOPSIS Hybrid Technique. Journal of Fuzzy Set Valued Analysis, 2015, 2015, 122-133.	0.2	4
3847	Fuzzy logic interpretations in categories of fuzzy objects. Journal of Fuzzy Set Valued Analysis, 2016, 2016, 63-74.	0.2	1
3848	Fuzzy number Intuitionistic fuzzy soft sets and its properties. Journal of Fuzzy Set Valued Analysis, 2016, 2016, 196-213.	0.2	14
3849	Solution of second order linear fuzzy difference equation by Lagrange's multiplier method. Journal of Soft Computing and Applications, 2016, 2016, 11-27.	0.0	5
3850	Ranking organizational resilience factors in enterprises using a modified fuzzy analytical hierarchy process. Economic Horizons, 2013, 15, 181-196.	0.6	1

#	Article	IF	Citations
3851	Personnel selection using group fuzzy AHP and SAW methods. Journal of Engineering Management and Competitiveness, 2017, 7, 3-10.	0.8	16
3852	Model for ore deposits selection by using the fuzzy TOPSIS method. Journal of Mining and Metallurgy Section A: Mining, 2020, 56, 59-71.	0.2	2
3853	Developing an Integrated Marketing Strategy Decision Making Framework Based on Corporate-Specific Criteria. Asian Journal of Research in Business Economics and Management, 2015, 5, 189.	0.1	1
3854	Performance Evaluation and Ranking the Branches of Bank using FAHP and TOPSIS Case study: Tose Asr Shomal Interest-free Loan Fund. International Journal of Academic Research in Business and Social Sciences, 2014, 4, .	0.1	9
3855	Evaluation of Websites Quality Using Fuzzy TOPSIS Method. International Journal of Academic Research in Business and Social Sciences, 2015, 5, .	0.1	8
3856	Robust Recurrent Wavelet Interval Type-2 Fuzzy-Neural-Network Control for DSP-Based PMSM Servo Drive Systems. Journal of Power Electronics, 2013, 13, 139-160.	1.5	8
3859	Study of obstacle avoidance problem for mobile robot using fuzzy production system.. Journal of the Robotics Society of Japan, 1991, 9, 75-78.	0.1	8
3860	Support Vector Machine Based on Type-2 Fuzzy Training Samples. Industrial Engineering and Management Systems, 2012, 11, 26-29.	0.4	2
3861	Implementation and Performance Evaluation of a Firm's Green Supply Chain Management under Uncertainty. Industrial Engineering and Management Systems, 2014, 13, 15-28.	0.4	10
3862	Beyond the Quality of Service: Exploring the Evaluation Criteria of Airlines. Industrial Engineering and Management Systems, 2014, 13, 221-230.	0.4	5
3863	Fuzzy weights estimation method based on the linguistic expression of criteria relevance. Ekonomická Revue - Central European Review of Economic Issues, 2014, 17, 13-24.	0.1	6
3864	Analyzing data from a fuzzy rating scale-based questionnaire. A case study. Psicothema, 2015, 27, 182-91.	0.9	23
3865	Vague BCK/BCI-algebras. Opuscula Mathematica, 2009, 29, 177.	0.8	6
3866	A Type-2 Fuzzy Method for Identification of Disease-related Genes on Microarrays. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2011, , 73-78.	0.2	4
3867	A Review of Text Classification Approaches for E-mail Management. International Journal of Engineering and Technology, 2011, 3, 137-144.	0.2	5
3868	Weighted Hesitant Fuzzy Sets and Their Application to Multi-Criteria Decision Making. British Journal of Mathematics & Computer Science, 2014, 4, 1091-1123.	0.3	31
3869	Interval-valued Hesitant Multiplicative Preference Relations and Their Application to Multi-criteria Decision Making. British Journal of Mathematics & Computer Science, 2014, 4, 1390-1426.	0.3	1
3870	A formulation of Linear Programming Problem by Fuzzy Function. Transactions of the Society of Instrument and Control Engineers, 1983, 19, 928-930.	0.2	4

#	Article	IF	Citations
3871	On Three Formulations of Fuzzy Linear Regression Analysis. Transactions of the Society of Instrument and Control Engineers, 1986, 22, 1051-1057.	0.2	13
3872	Modeling Delay Percentage of Construction Projects in Egypt Using Statistical-Fuzzy Approach. IOSR Journal of Mechanical and Civil Engineering, 2013, 7, 47-58.	0.1	7
3873	Interval-Valued Fuzzy KUS-Ideals in KUS-Algebras. IOSR Journal of Mathematics, 2013, 5, 61-66.	0.1	2
3874	THE TECHNOLOGY OF CHOOSING CNC MACHINE CONTROL METHOD UNDER UNCERTAINTY. Bulletin of Kharkov National Automobile and Highway University, 2021, 1, 97.	0.0	0
3875	Decision model using hierarchical fuzzy TOPSIS: Towards improving decision making in food waste management. Journal of Language and Linguistic Studies, 2021, 17, 1639-1650.	0.4	2
3876	Gaudii: An Automated Graphic Design Expert System. Proceedings of the AAAI Conference on Artificial Intelligence, 2010, 24, 1775-1780.	4.9	5
3878	Interval type-2 fractional fuzzy inference systems: Towards an evolution in fuzzy inference systems. Expert Systems With Applications, 2022, 189, 115947.	7.6	10
3880	Datenanalyse mit Fuzzy-Begriffen. , 2000, , 72-98.		6
3881	Retrieval from Multimedia Databases Using Fuzzy Temporal Concepts. Studies in Fuzziness and Soft Computing, 2000, , 261-274.	0.8	3
3882	Fuzzy Sets and Fuzzy Differential Equations. , 2001, , 183-199.		0
3884	Application of the Analytic Hierarchy Process for Choice of Optimal Software System Configuration. , 2001, , .		0
3885	Representation Models for Aggregating Linguistic Information: Issues and Analysis. Studies in Fuzziness and Soft Computing, 2002, , 245-259.	0.8	5
3886	Soft Computing for Control of Dynamical Systems. , 2002, , 99-102.		0
3887	Adaptive Model-Based Control of Non-Linear Plants using Neural Networks and Fuzzy Logic. , 2002, , 123-132.		0
3888	Fuzzy Query Processing in the Distributed Relational Databases Environment. , 2002, , 203-232.		1
3889	A Hybrid Fuzzy-Fractal Approach for Time Series Analysis and Prediction and Its Applications to Plant Monitoring. Power Systems, 2002, , 209-219.	0.5	1
3890	Intelligent Control of a Battery Charging Process with a Hybrid Approach. , 2002, , 133-143.		0
3891	Intelligent Control of Robotic Autonomous Systems using a Neuro-Fuzzy-Genetic Approach. , 2002, , 157-166.		1

#	ARTICLE	IF	CITATIONS
3892	On Optimal Fuzzy Information Granulation. Studies in Fuzziness and Soft Computing, 2002, , 364-397.	0.8	2
3893	PopfnnsFuzzy Neural Techniques for Rule-Based Identification in Expert Systems. , 2002, , 1355-1411.		0
3894	Application of Granularity Computing to Confirm Compliance with Non-Proliferation Treaty. Studies in Fuzziness and Soft Computing, 2002, , 308-338.	0.8	0
3895	Adaptive Model-Based Control of Non-linear Plants Using Soft Computing Techniques. Power Systems, 2002, , 63-74.	0.5	0
3896	Data Mining with Graphical Models. Lecture Notes in Computer Science, 2002, , 22-22.	1.3	2
3897	Processing of Linguistic Symbols in a Multi-Level Neural Network. , 2002, , .		0
3898	A Hierarchical Linguistic Clustering Algorithm for Prototype Induction. , 2003, , 303-314.		0
3899	A Hybrid Fuzzy-Fractal Approach for Time Series Analysis and Prediction and Its Applications to Plant Monitoring. , 2003, , 419-430.		0
3900	COR Methodology: A Simple Way to Obtain Linguistic Fuzzy Models with Good Interpretability and Accuracy. Studies in Fuzziness and Soft Computing, 2003, , 27-45.	0.8	8
3901	Fuzzy data in geotechnical models. Lecture Notes in Applied and Computational Mechanics, 2003, , 301-315.	2.2	1
3902	A description of several characteristics for improving the accuracy and interpretability of inductive linguistic rule learning algorithms. Studies in Fuzziness and Soft Computing, 2003, , 249-276.	0.8	0
3903	An Iterative Learning Methodology to Design Hierarchical Systems of Linguistic Rules for Linguistic Modeling. Studies in Fuzziness and Soft Computing, 2003, , 277-301.	0.8	0
3904	Combining Heterogeneous Information in Group Decision Making. , 2003, , 81-92.		1
3905	CHOOSING A RANKING OF ALTERNATIVES IN A TWO-STAGE GROUP DECISION PROCEDURE WITH INDIVIDUAL LINGUISTIC ASSESSMENTS. Fuzzy Economic Review, 2003, 08, .	0.4	2
3906	A Natural Basis of Fuzzy Set Theory-an Overview. Annals of the Japan Association for Philosophy of Science, 2004, 13, 59-70.	0.2	0
3907	Automated Quality Control in Sound Speakers Manufacturing Using a Hybrid Neuro-Fuzzy-Fractal Approach. , 2004, , 401-417.		0
3908	Soft Computing Technologies in Business and Economic Forecasting. Studies in Fuzziness and Soft Computing, 2004, , 219-242.	0.8	0
3909	Noise Annoyance Mapping. , 2004, , 369-392.		0

#	ARTICLE	IF	CITATIONS
3910	Roughness of Filters in Lattice Implication Algebras. Bulletin of the Polish Academy of Sciences Mathematics, 2004, 52, 341-352.	0.3	0
3911	Hardware Implementation of a Fuzzy Controller for the Battery Charging Process in an Industrial Plant. , 2004, , 419-439.		0
3912	Embedding fuzzy variables into C++. , 2004, , .		0
3913	Neuroinformatics I: Fuzzy Neural Networks of More-Equal-Less Logic (Static). Informatics in Education, 2004, 3, 75-90.	2.2	1
3914	Intelligent Control Of Aircraft Dynamic Systems With A New Hybrid Neuro- Fuzzy- Fractal Approach. , 2004, , .		0
3916	A MODEL FOR SEMANTIC OF LINGUISTIC INFORMATION WITH INCOMPARABILITY. , 2004, , .		1
3917	Fuzzy Relational Equations. Advances in Fuzzy Systems, 2005, , 49-94.	8.7	0
3918	Speaker Verification System Based on the Cerebellum Architecture. SSRN Electronic Journal, 0, , .	0.4	0
3919	Algorithmic approach for handling linguistic values. The KIPS Transactions PartB, 2005, 12B, 203-208.	0.1	0
3920	Using FAHP To Evaluate Non-Store Retailing Channel Alternatives. , 2005, , .		1
3921	FuzzyÂAHP With MCDA To Construct The Roadmap of R&D Consortia InÂTaiwanâ€™s M&S Enterprises. , 2005, , .		0
3922	Introduction to the Fusion of Quantitative and Qualitative Beliefs. Information & Security an International Journal, 2006, 20, 9-49.	0.4	8
3923	A fuzzy logic method for solving three-tier FMCDM problems. , 0, , .		0
3924	Applying fuzzy multi-criteria decision method to evaluate the credibility ranking for Taiwan banksÃ¥ÃÃ¥_ potential debtors from the viewpoint of default probability-A Taiwan LCD panels industry case. , 0, , .		0
3925	Applying fuzzy multi-criteria decision method to evaluate key capabilities of Taiwan motion picture companies. , 0, , .		1
3926	ON THE EXPONENTIAL FUZZY PROBABILITY. Communications of the Korean Mathematical Society, 2006, 21, 385-395.	0.2	0
3927	APPLICATION OF FUZZY CRITICAL PATH METHOD TO AIRPORTS CARGO GROUND OPERATION SYSTEMS. Journal of Marine Science and Technology, 2006, 14, .	0.3	10
3928	Research on the Principle of Minimal Incompatibility for Fuzzy Reasoning. , 2007, , .		0

#	Article	IF	Citations
3929	A Majority-Based Aggregation Operator To Represent Emotional States. , 2007, , .		0
3930	Fully implicational Triple I reasoning method on Linguistic truth-valued Lattice Implication Algebra. , 2007, , .		0
3931	Linguistic Truth-Valued Intuitionistic Fuzzy Propositional Logic Based on LIA. , 2007, , .		1
3932	Completeness of (a#956;,a#957;)-Resolution Principle of Intuitionistic Operator Fuzzy Logic. , 2007, , .		0
3934	Sensory Evaluation Model with Unbalanced Linguistic Information. , 2007, , .		1
3935	A method to solve Multi-attribute Group linguistic Decision-Making problems. , 2007, , .		0
3936	A Knowledge Based Recommender System with Multigranular Linguistic Information. , 2007, , .		1
3937	A New Method to Compare Dynamical Systems. Lecture Notes in Computer Science, 2007, , 533-542.	1.3	0
3938	A Method for Solving Group Linguistic Decision-Making Problems Based on IOWA. , 2007, , .		0
3939	Linguistic Truth-Valued Lattice Value Propositional Logic System lP(X). , 2007, , .		1
3940	Integrated Fuzzy AHP and Weighted-Fuzzy Goal Programming Approach to Solve Supplier Selection Problem with Subjective Factors. IPTEK: the Journal for Technology and Science, 2013, 18, .	0.3	0
3941	ANALYZING THE COMPETITIVE RELATIONS AMONG THE LOCATION IN THE ASIA-PACIFIC REGION FOR DEVELOPING THE RE-EXPORT TYPE OF GLOBAL LOGISTICS HUB. Journal of Marine Science and Technology, 2007, 15, .	0.3	3
3942	LINGUISTIC SENSORY EVALUATION MODEL IN MULTIGRANULAR LINGUISTIC CONTEXTS. , 2007, , 1130-1136.		0
3943	Fuzzy Classification of Simulated Droughts and Floods of Water Bodies. Journal of Applied Sciences, 2007, 7, 2610-2616.	0.3	1
3944	Type-2 Fuzzy Classifier Ensembles for Text Entailment. , 2008, , .		3
3946	Intelligent Fuzzy Database Management Systems. , 2008, , 822-846.		0
3947	A Machine Learning Approach to Data Cleaning in Databases and Data Warehouses. , 2008, , 745-759.		1
3948	An Intelligent Routing Algorithm. American Journal of Applied Sciences, 2008, 5, 270-275.	0.2	0

#	Article	IF	Citations
3949	A New Hybrid Fusion Method for Diagnostic Systems. , 2008, , 389-401.		2
3951	A Possible Worlds Interpretation of Label Semantics. , 2008, , 187-199.		1
3952	Extended Linguistic Hierarchies for dealing with Multi-granular Contexts in Decision Making. , 2008, , .		1
3953	An interval type-2 fuzzy logic system to translate between emotion-related vocabularies. , 0, , .		10
3956	AN INVESTIGATION INTO THE DISTRIBUTION OF MEMBERSHIP GRADES FOR NON-STATIONARY FUZZY SETS. , 2009, , .		1
3958	Fuzzy Optimization. , 2009, , 4018-4047.		0
3960	Semantic Driven Fuzzy Clustering for Human-Centric Information Processing Applications. Studies in Computational Intelligence, 2009, , 119-151.	0.9	0
3961	A Cognitive Appraisal Based Approach for Emotional Representation. , 2009, , 228-246.		0
3962	Logical Inference Based on Incomplete and/or Fuzzy Ontologies. , 2009, , 1-16.		1
3963	Progress Evaluation Based on Fuzzy Relationships. Studies in Computational Intelligence, 2009, , 201-210.	0.9	0
3964	Statistics with Imprecise Data. , 2009, , 8679-8690.		1
3965	A Note on Possibilistic Correlation. International Journal of Fuzzy Logic and Intelligent Systems, 2009, 9, 1-3.	1.1	0
3966	An Application of the Analytic Hierarchy Process to Enhancing Consensus in Multiagent Decision MakingÂ. , 2009, , .		2
3967	Application of the Analytic Hierarchy Process to the Sociological Analysis. , 2009, , .		1
3968	Improving the Effective Factors on E-banking System by using Fuzzy TOPSIS in Parsian Bank. Journal of Applied Sciences, 2009, 9, 2786-2793.	0.3	1
3969	Fuzzy logic based diagnostic tool for management of timber bridges. , 2009, , .		2
3970	ANÃLISE ECONÃ"MICA E AMBIENTAL DE SISTEMAS DE TERMINAÃ‡ÃƒO DE SUÃNOS COM A APLICAÃ‡ÃƒO DOS CONJUNTOS FUZZY. AnÃ¡lise EconÃ³mica, 2009, 24, .	0.1	0
3972	On the Use of Distributed Genetic Algorithms for the Tuning of Fuzzy Rule Based-Systems. Studies in Computational Intelligence, 2010, , 235-261.	0.9	1

#	Article	IF	Citations
3973	Continuance Parallel Computation Grid Composed of Multi-Clusters. Journal of Networks, 2010, 5, .	0.4	0
3974	Data Mining Applications in the Automotive Industry. , 2010, , .		1
3975	Progressive Design Methodology for Design of Engineering Systems. Adaptation, Learning, and Optimization, 2010, , 571-607.	0.6	0
3976	Multiagent Decision Making, Fuzzy Prevision, and Consensus. Communications in Computer and Information Science, 2010, , 251-260.	0.5	1
3977	BOUSIâˆ¼PROLOG - A Fuzzy Logic Programming Language for Modeling Vague Knowledge and Approximate Reasoning. , 2010, , .		2
3978	Forecasting Stock Market Based on Price Trend and Variation Pattern. Lecture Notes in Computer Science, 2010, , 455-464.	1.3	0
3979	Video Streaming in Evolving Networks under Fuzzy Logic Control. , 0, , .		0
3980	A Linguistic Case-based Fuzzy Reasoning based on SPMF. The KIPS Transactions PartB, 2010, 17B, 163-168.	0.1	0
3981	AplicaÃ§Ã£o da lÃ³gica fuzzy para avaliaÃ§Ã£o econÃ´mico-financeira de cooperativas de produÃ§Ã£o. Journal of Information Systems and Technology Management, 2010, 7, 141-162.	0.4	3
3982	Linguistic Information Processing Based on Aggregation Operator over the Internet. Journal of Convergence Information Technology, 2010, 5, 95-102.	0.1	4
3983	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
3984	An approach based on the generalized ILOWHM operators to group decision making. Journal of Korean Institute of Intelligent Systems, 2010, 20, 434-440.	0.1	0
3985	Knowledge-Based Systemâ€™s Modeling for Software Process Model Selection. International Journal of Advanced Computer Science and Applications, 2011, 2, .	0.7	4
3986	Fuzzy decision trees as a decision-making framework in the public sector. Yugoslav Journal of Operations Research, 2011, 21, 205-224.	0.8	2
3987	Induced Unbalanced Linguistic Ordered Weighted Average. , 2011, , .		2
3988	Some New Entropies on the Interval-Valued Fuzzy Set. Advances in Intelligent and Soft Computing, 2011, , 189-196.	0.2	0
3989	Single Machine Scheduling With Fuzzy Preemption Penalties. Journal of Mathematics and Computer Science, 2011, 02, 122-129.	1.0	1
3990	A Unified Model for Fuzzy Aggregation Operators and its Application in Group Decision Making. , 2011, , .		1

#	Article	IF	Citations
3991	Intersection and union of type-2 fuzzy sets and connection to (1, 2)-double cuts. , 2011, , .		0
3992	Obtaining representable coimplications from aggregation and dual operators. , 2011, , .		2
3993	Modelling and aggregation of heterogeneous fuzzy data. , 2011, , .		1
3994	Language, Thinking, Meaning-and Fuzzy Logic. , 2011, , .		0
3995	Some preliminary reflections on the epistemology of Computational Theory of Perceptions. , 2011, , .		0
3996	Cooperative Agent Learning Model in Multi-cluster Grid. , 0, , .		1
3998	Framework for Automatic Development of Type 2 Fuzzy, Neuro and Neuro-Fuzzy Systems. International Journal of Advanced Computer Science and Applications, 2011, 2, .	0.7	7
3999	A MCDM approach for evaluating company's environmental practices. , 2011, , .		1
4000	Environmental Project Evaluation Using Intuitionistic Fuzzy Information. Journal of Environmental Systems, 0, 33, 87-99.	1.0	0
4001	New Structure of Fuzzy Fully Invariant Bipolar Q-Fuzzy Regular Lattices. International Journal of Computer Applications, 2011, 18, 22-25.	0.2	6
4002	Score Calculation in Informatics Contests Using Multiple Criteria Decision Methods. Informatics in Education, 2011, 10, 89-103.	2.2	2
4003	Neural Networks In Determination Of Defuzzification Functionals. , 2011, , .		0
4004	AN INTEGRATED FUZZY TOPSIS METHOD FOR RANKING ALTERNATIVES AND ITS APPLICATION. Journal of Marine Science and Technology, 2011, 19, .	0.3	32
4005	On the meaning of approximate reasoning â�’ An unassuming subsidiary to Lotfi Zadehâ€™s paper dedicated to the memory of Grigore Moisil â˒. International Journal of Computers, Communications and Control, 2014, 6, 577.	1.8	0
4006	A Priority based Fuzzy Goal Programming to MultiObjective Linear Fractional Programming Problem. International Journal of Computer Applications, 2011, 30, 1-6.	0.2	3
4007	Complexity as a Linguistic Variable. Complex Systems, 2011, 20, 253-264.	0.3	2
4008	A risk management method for enhancing patient safety based on interval- valued fuzzy numbers. African Journal of Business Management, 2011, 5, .	0.5	1
4009	Design of Type-2 FCM-based Fuzzy Inference Systems and Its Optimization. Transactions of the Korean Institute of Electrical Engineers, 2011, 60, 2157-2164.	0.1	0

#	ARTICLE	IF	CITATIONS
4010	Risk Factors Assessment for Software DevelopmentProject Based on Fuzzy Decision Making. International Journal of Information and Electronics Engineering, 2012, , .	0.2	3
4011	An empirical study on assessing optimal type of distribution park: Applying fuzzy multicriteria Q-analysis method. Yugoslav Journal of Operations Research, 2012, 22, 79-96.	0.8	0
4012	An Essay on the Interpretability of Mamdani Systems. Studies in Fuzziness and Soft Computing, 2012, , 61-72.	0.8	8
4013	Efficient Decision-Making Scheme Based on LIOWAD. Communications in Computer and Information Science, 2012, , 265-272.	0.5	0
4014	Fuzzy systems to support industrial engineering management. Journal of Applied Engineering Science, 2012, 10, 143-146.	0.9	5
4015	Biochemical Metabolic Modelling Using Fuzzy Type-2.. American Journal of Physical Chemistry, 2012, 1, 14.	0.1	0
4016	MULTICRITERIA SELECTION OF AN AIRCRAFT WITH NAIADE. , 2012, , .		1
4017	On a Probabilistic Approach for Capricious Vague Perceptions of Random Phenomena. Transactions of the Institute of Systems Control and Information Engineers, 2012, 25, 382-388.	0.1	8
4018	PREDICTING THE SECURITY OF COMPUTER SYSTEMS BASED ON FUZZY SETS, MANAGED MARKOVIAN CIRCUITS, AND THE HAZARD EXPERTISE METHOD. Telecommunications and Radio Engineering (English) Tj ETQq0 0 0 rgBT /Overlock 10		
4019	Minimal solution of linear formed fuzzy matrix equations. Journal of Interpolation and Approximation in Scientific Computing, 0, 2012, 1-10.	0.3	0
4020	Utilizing a new feed-back fuzzy neural network for solving a system of fuzzy equations. Communications in Numerical Analysis, 0, 2012, 1-12.	0.1	3
4021	An Extended LibQUAL+ Model Based on Fuzzy Linguistic Information. Lecture Notes in Computer Science, 2012, , 90-101.	1.3	1
4022	Soft Computing as a Tool, Six Years Later. Studies in Fuzziness and Soft Computing, 2012, , 27-47.	0.8	0
4023	Decision-Making Scheme Based on LIOWAD. Communications in Computer and Information Science, 2012, , 236-242.	0.5	0
4025	Application of Fuzzy Logic in Computer Security and Forensics. Studies in Computational Intelligence, 2012, , 35-49.	0.9	6
4026	A Fuzzy Approach to Disaster Modeling. Advances in Computational Intelligence and Robotics Book Series, 2012, , 564-582.	0.4	0
4027	Diagnosis, Modeling and Prognosis of Learning System using Fuzzy Logic and Intelligent Decision Vectors. International Journal of Computer Applications, 2012, 37, 25-29.	0.2	2
4028	Intuitionistic Interval-Valued Fuzzy Topological Spaces. Journal of Korean Institute of Intelligent Systems, 2012, 22, 126-134.	0.1	0

#	Article	IF	Citations
4029	From Fuzzy Datalog to Multivalued Knowledge-Base. , 0, , .		1
4030	Proposiciã³n de Ãndices difusos en la clasificaciã³n jerã¡rquica ascendente. Revista De Matemã¡tica: Teorãa Y Aplicaciones, 1996, 3, 72-86.	0.1	0
4031	Fuzzy Modelling Stochastic Processes Describing Brownian Motions. , 0, , .		0
4032	Normal fuzzy probability for generalized triangular fuzzy sets. Journal of Korean Institute of Intelligent Systems, 2012, 22, 212-217.	0.1	3
4033	Prioritization of Revenue Management Factors: A Synthetic Extent Analysis Approach. Ege Akademik Bakis (Ege Academic Review), 2012, 12, 161-161.	0.2	2
4034	An extension of fuzzy TOPSIS approach based on centroid-index ranking method. Scientific Research and Essays, 2012, 7, .	0.4	2
4035	Design of Type-2 Fuzzy Controller based on LQR Mapped Fusion Function. International Journal of Intelligent Systems and Applications, 2012, 4, 18-29.	1.1	4
4036	Applying fuzzy and grey theory to multi-criteria decision-making model for supplier selection: A corporate social responsibility perspective. African Journal of Business Management, 2012, 6, .	0.5	0
4037	Forest Fire Detection through Wireless Sensor Network using Type-2 Fuzzy System. International Journal of Computer Applications, 2012, 52, 19-23.	0.2	8
4038	THE LATTICE OF INTERVAL-VALUED FUZZY IDEALS OF A RING. Honam Mathematical Journal, 2012, 34, 351-373.	0.1	0
4039	Interval-Valued Fuzzy Ideals of a Ring. International Journal of Fuzzy Logic and Intelligent Systems, 2012, 12, 198-204.	1.1	0
4040	Interval-valued Fuzzy Quasi-ideals in a Semigroups. International Journal of Fuzzy Logic and Intelligent Systems, 2012, 12, 215-225.	1.1	3
4041	FORECASTING FUTURE ENROLLMENTS TO UNIVERSITIES OF NORTH CYPRUS THROUGH TREND CENTRALITY BASED ON FUZZY TIME SERIES. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 937-941.	0.1	0
4042	Context-based Authentication Service for The Mobile Office. Journal of Korea Multimedia Society, 2012, 15, 1475-1484.	0.2	0
4043	Cartesian Product and Homomorphism of Interval-Valued Fuzzy Linear Space. International Journal of Open Problems in Computer Science and Mathematics, 2012, 5, 93-103.	0.2	0
4044	Forecasting and Suggesting the Activation Strategies for Sea & Air Transportation between Korea and China. Journal of Navigation and Port Research, 2012, 36, 905-910.	0.1	0
4045	Using Fuzzy Quality Function Deployment Model to Evaluate Solutions of Customer Value for Global Shipping Carrier-based Logistics Service Providers. Information Technology Journal, 2012, 12, 120-126.	0.3	0
4046	At-least At-most Modifications in a Space with Fuzzy Preoreder. , 2013, , .		0

#	Article	IF	Citations
4047	Interpretability analysis of fuzzy association rules supported by fingrams. , 2013, , .		6
4048	From Hierarchy of the Levels of Theoretical Inquiry to Full Type 2 Fuzzy System Models. Industrial Engineering & Management, 2013, 03, .	0.1	0
4049	Bio-inspired Optimization of Interval Type-2 Fuzzy Controllers. Studies in Fuzziness and Soft Computing, 2013, , 241-254.	0.8	0
4050	How Ideas of L.A. Zadeh Gave Rise to Mathematical Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2013, , 479-486.	0.8	0
4052	A Fuzzy Dynamic Belief Logic. , 2013, , .		0
4053	JT2FIS: Java Type-2 Fuzzy Inference System - An Object-oriented Class Library for Building Java Intelligent Applications. , 2013, , .		1
4054	Interval type-2 fuzzy logic system model in measuring the index value of underground economy in Malaysia. Applied Mathematical Sciences, 0, 7, 5071-5084.	0.1	3
4055	Multiobjective Decision-Making, de Finetti Prevision and Fuzzy Prevision. Studies in Fuzziness and Soft Computing, 2013, , 251-262.	0.8	0
4056	About t-norms on type-2 fuzzy sets. , 2013, , .		0
4057	Zadeh Fuzzy Probability, De Finetti Subjective Probability and Prevision. Studies in Fuzziness and Soft Computing, 2013, , 415-420.	0.8	0
4058	Fuzzy Sets and Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2013, , 1-64.	0.8	4
4059	Normal type-2 fuzzy rational B-spline curve. International Journal of Mathematical Analysis, 0, 7, 789-806.	0.3	2
4060	Reflections on the teaching of Fuzzy Logic. , 2013, , .		1
4061	Performance Measurement Under Increasing Environmental Uncertainty in the Context of Interval Type-2 Fuzzy Logic Based Robotic Sailing. SSRN Electronic Journal, 0, , .	0.4	1
4062	Fuzzy Type-2 Applications to Analytical Chemistry. Modern Chemistry, 2013, 1, 18.	0.2	0
4063	Using Fuzzy Set Theory in an Optimization Setting. Industrial Engineering & Management, 2013, 02, .	0.1	0
4064	Towards Smooth Monotonicity in Fuzzy Inference System based on Gradual Generalized Modus Ponens. , 2013, , .		4
4065	Uma Abordagem para Jogos Bayesianos Fuzzy com base na Probabilidade Fuzzy de Buckley. Revista De Informatica Teorica E Aplicada, 2013, 20, 180.	0.2	3

#	Article	IF	Citations
4066	Measuring Human Intelligence by Applying Soft Computing Techniques. , 2013, , 299-324.		0
4067	The Structure of the Type-Reduced Set of a Continuous Type-2 Fuzzy Set. , 2013, , .		1
4069	Medical Decision Making as a Group Choice Process: Consensual Dynamics in Fuzzy Diagnosis. Studies in Fuzziness and Soft Computing, 2013, , 313-322.	0.8	0
4070	Declarative Fuzzy Linguistic Queries on Relational Databases. Lecture Notes in Computer Science, 2013, , 413-424.	1.3	0
4071	Measuring Human Intelligence by Applying Soft Computing Techniques. , 2013, , 130-155.		0
4072	On Interval Valued Fuzzy Bi-Ideals of Semigroups. International Journal of Algebra and Statistics, 2013, 2, 10.	0.7	0
4073	A new integrated group decision making framework with linguistic interval fuzzy preference relations. , 2013, , .		0
4074	Transforming Fuzzy Description Logic $mathcal{ALC}\_mathcal{FL}$ into Classical Description Logic $mathcal{ALCH}$. Lecture Notes in Computer Science, 2013, , 177-196.	1.3	0
4075	On Fuzziness in Complex Fuzzy Systems. Studies in Fuzziness and Soft Computing, 2013, , 665-672.	0.8	2
4076	New results on redundancies of fuzzy/linguistic IF-THEN rules. , 2013, , .		3
4077	A Type-2 Fuzzy Logic Based Framework for Function Points. International Journal of Intelligent Systems and Applications, 2013, 5, 74-82.	1.1	4
4078	Entropy-Cost Ratio Maximization Model for Efficient Stock Portfolio Selection Using Interval Analysis. , 2013, , .		0
4079	Integrated Quality Evaluation Model for Internal Control System Based on Risk Analysis. Journal of Convergence Information Technology, 2013, 8, 975-983.	0.1	0
4080	Handling of Fuzzy Queries using Relational DBMS. International Journal of Computer Applications, 2013, 68, 34-40.	0.2	0
4081	Disease - Related Gene Identification by an Improved Type - 2 Fuzzy Method on Microarrays. Journal of Engineering Science and Technology Review, 2013, 6, 78-84.	0.4	1
4082	Extended Linguistic Variable and Its Effective Set. Journal of Computers, 2013, 8, .	0.4	0
4083	Optimized Multi-Output Fuzzy Neural Networks Based on Interval Type-2 Fuzzy Set for Pattern Recognition. Transactions of the Korean Institute of Electrical Engineers, 2013, 62, 705-711.	0.1	0
4084	THE ONE-SIDED QUADRANGULAR FUZZY SETS. Journal of the Chungcheng Mathematical Society, 2013, 26, 297-308.	0.0	3

#	Article	IF	Citations
4085	NORMAL FUZZY PROBABILITY FOR TRAPEZOIDAL FUZZY SETS. East Asian Mathematical Journal, 2013, 29, 269-278.	0.0	0
4086	Optimum Allocation of Centers in Geographical Information System by Means of Fuzzy Interval Graph Bases. Journal of Convergence Information Technology, 2013, 8, 734-741.	0.1	1
4088	A Comprehensive Approach for Embodiment of Security Activities with Agile Methodologies. International Journal of Computer Applications, 2013, 75, 23-28.	0.2	0
4089	Fuzzy Theil regression Model. Journal of Korean Institute of Intelligent Systems, 2013, 23, 366-370.	0.1	3
4090	INTERVAL-VALUED FUZZY SUBGROUPS AND LEVEL SUBGROUPS. Honam Mathematical Journal, 2013, 35, 525-540.	0.1	2
4091	Simulation of Fluid Power Systems in Consideration of Uncertainties. , 2013, , .		0
4092	Performance Improvement of Fuzzy and Neuro Fuzzy Systems: Prediction of Learning Disabilities in School-age Children. International Journal of Intelligent Systems and Applications, 2013, 5, 34-52.	1.1	3
4093	The Generalized Solution for Initial Problems of Fuzzy Discontinuous Differential Equations. Advances in Intelligent Systems and Computing, 2014, , 229-240.	0.6	0
4095	Region Adaptive, Unsharp Masking Based Lanczos-3 Interpolation for 2-D Up-Sampling: Crisp-Rule Versus Fuzzy-Rule Based Approach. Smart Sensors, Measurement and Instrumentation, 2014, , 47-73.	0.6	2
4097	Introduction to Fuzzy Sets and Logic. , 2014, , 645-676.		0
4098	The Linguistic Modeling of Fuzzy System as Multicriteria Evaluator for the Multicast Routing Algorithms. Lecture Notes in Computer Science, 2014, , 665-675.	1.3	2
4099	Fundamentals of Soft Computing. , 2014, , .		0
4100	Attributes Reduction Based on Interval-Valued Fuzzy Rough Sets. British Journal of Mathematics & Computer Science, 2014, 4, 2046-2066.	0.3	0
4101	A Fuzzy-Based Rough Sets Classifier for Forecasting Cellular Mobile Call Abandon Rate. IOSR Journal of Electronics and Communication Engineering, 2014, 9, 54-62.	0.1	0
4102	SELECTION OF COCOA POST-HARVEST TECHNOLOGY USING FUZZY LOGIC. Fuzzy Economic Review, 2014, 19, .	0.4	0
4103	Multicriteria Decision-making Method using Cosine Similarity Measures for Reduct Fuzzy Sets of Interval-valued Fuzzy Sets. Journal of Computers, 2014, 9, .	0.4	0
4104	A New Consensus Tool in Digital Libraries. Lecture Notes in Computer Science, 2014, , 222-231.	1.3	0
4107	A Prototype Theory Interpretation of Label Semantics. Advanced Topics in Science and Technology in China, 2014, , 215-233.	0.1	0

#	ARTICLE	IF	CITATIONS
4108	An Approach to Multiple Attribute Group Decision Making under Hesitant Fuzzy Linguistic Environments with Incomplete Weight Information. Journal of Scientific Research and Reports, 2014, 3, 2065-2097.	0.2	0
4109	Nature-Inspired Optimization of Type-2 Fuzzy Systems. Lecture Notes in Computer Science, 2014, , 331-344.	1.3	1
4110	Towards Universal Rating of Online Multimedia Content. , 2014, , .		1
4111	A Novel Method for Hesitant Fuzzy Multiple Attribute Group Decision Making with Incomplete Weight Information. British Journal of Mathematics & Computer Science, 2014, 4, 1865-1893.	0.3	1
4112	Similarity-Based Reasoning Fuzzy Systems and Universal Approximation. Springer Proceedings in Mathematics and Statistics, 2014, , 215-230.	0.2	1
4113	FUZZY EVALUATION OF SERVICE QUALITY IN THE BANKING SECTOR: A DECISION SUPPORT SYSTEM. Fuzzy Economic Review, 2014, 19, .	0.4	4
4114	A Linguistic Modeling Approach to Characterize Items in Computarized Adaptive Test for Intelligent Tutor Systems Based on Competency. Advances in Intelligent Systems and Computing, 2014, , 855-867.	0.6	0
4115	Fuzzy Function and the Generalized Extension Principle. , 2014, , .		0
4116	New Operations over Interval Valued Intuitionistic Hesitant Fuzzy Set. Mathematics and Statistics, 2014, 2, 62-71.	0.4	38
4117	Service Quality Improvement for Airlines by Utilizing QFD and Fuzzy Theory. Productivity Review, 2014, 28, 75-98.	0.0	1
4118	A Methodology for Interactive Systems. , 1974, , 317-324.		0
4119	An Example of Linguistic Modelling: A Second Attempt at Simulation of Mulderâ€™s Theory of Power. , 1978, , 37-62.		1
4120	Automatic Phoneme Recognition in Continuous Speech: A Syntactic Approach. , 1980, , 191-220.		4
4121	Contributions of Fuzzy Methodologies to Production Management. , 1985, , 657-662.		0
4122	Research Guide to Applications of Fuzzy Set Theory in Human Factors. Advances in Human Factors/Ergonomics, 1986, 6, 395-450.	0.1	0
4124	Fuzzy Random Variables. Lecture Notes in Economics and Mathematical Systems, 1988, , 66-74.	0.3	2
4126	Power System Network Loadflow Management Using Fuzzy Knowledge-based Expert System. , 1989, , 199-205.		0
4127	Fuzzy Linear Resolution. IEEJ Transactions on Electronics, Information and Systems, 1989, 109, 375-382.	0.2	0

#	Article	IF	Citations
4129	A Framework of Fuzzy Evidential Reasoning. Machine Intelligence and Pattern Recognition, 1990, 9, 227-239.	0.2	0
4130	Emerging Methodologies for Bridge Management Systems. , 1990, , 23-39.		0
4131	Fuzzy Logic-Based Expert Systems for Operations Management. , 1991, , 170-183.		2
4132	Invariance and Nominal Value Mapping as Key Themes for Qualitative Simulation. Advances in Simulation, 1991, , 1-23.	0.3	2
4133	Fuzzy Dynamic Systems: An Application of Fuzzy Associative Memory with An Intermediate Layer. , 1991, , .		3
4134	A Knowledge Based System for Automatic 3D Scene Generation11The authors thank Fausto Giunchiglia for the invaluable support provided during the design and development of the system. This research was done while the first author was at the University of Genova.. , 1992, , 255-264.		0
4135	Literaturangaben. Wirtschaftswissenschaftliche Beiträge, 1992, , 228-232.	0.0	0
4136	A Fundamental Study on Extended Fuzzy Environmental Control Based on Description of Graphs and Phrases.. J Agricultural Meteorology, 1992, 47, 225-232.	1.5	1
4137	Evaluation and Decision Based on Possibility-Valued Fuzzy Integral for Decision Support System. Transactions of the Society of Instrument and Control Engineers, 1992, 28, 1125-1134.	0.2	3
4138	A FUZZY SYSTEM MODEL BASED ON THE LOGICAL STRUCTURE. , 1993, , 546-554.		1
4139	A New Method for Prospect Appraisal. AAPG Bulletin, 1993, 77, .	1.5	3
4140	Fuzzy Confidence Measures in Midlevel Vision. , 1993, , 640-647.		0
4141	FREEDOM-0: A FUZZY DATABASE SYSTEM. , 1993, , 667-675.		21
4142	LEARNING OF FUZZY PRODUCTION RULES FOR MEDICAL DIAGNOSIS. , 1993, , 901-912.		2
4143	On the Extension of Probability Theory and Statistics to the Handling of Fuzzy Data. Studies in Classification, Data Analysis, and Knowledge Organization, 1994, , 463-469.	0.2	0
4144	Qualitätsmessung im betrieblichen Nichtfertigungsbereich als unscharfes Multi-Criteria-Problem. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 1994, , 399-405.	0.1	0
4145	Applied Semirings: Some Examples Related to Fuzzy Theory and Languages. , 1994, , 457-471.		0
4146	A Fuzzy Controlled Rendering System for Virtual Reality Systems Optimised by Genetic Algorithms. Eurographics, 1995, , 22-32.	0.4	4

#	ARTICLE	IF	CITATIONS
4147	Keep Fuzzy Controllers Fuzzy. International Series in Intelligent Technologies, 1995, , 267-289.	0.1	2
4148	Reasoning and learning in probabilistic and possibilistic networks: An overview. Lecture Notes in Computer Science, 1995, , 1-16.	1.3	5
4149	Generic fuzzy logic CAD development tool. , 1995, , .		0
4150	A FUZZY LOGIC BASED SYSTEM FOR THE QUANTIFICATION OF VISUAL INSPECTION IN CLINICAL ASSESSMENT. Advances in Fuzzy Systems, 1995, , 379-385.	8.7	1
4151	TYPE II FUZZY SET INTERPRETATION OF LINGUISTIC EXPRESSIONS. Advances in Fuzzy Systems, 1995, , 93-102.	8.7	0
4152	AGGREGATE ATTRIBUTES WITH FUZZY VALUES FOR MORE FLEXIBILITY IN INFORMATION RETRIEVAL. Advances in Fuzzy Systems, 1995, , 261-270.	8.7	0
4153	Parallel Algorithm for Fuzzy Logic Controller. , 1996, , 177-195.		0
4154	Fuzzy Sets in Approximate Reasoning: a Personal View. , 1996, , 3-35.		16
4155	Formalisms for Negotiation in Engineering Design. , 1996, , .		10
4156	Soil prediction on a Low Budget? Ask the Expert!. IFIP Advances in Information and Communication Technology, 1997, , 64-71.	0.7	0
4157	Possibilistische graphische Modelle. , 1997, , 55-69.		0
4158	Expert systems in soft computing paradigm. Neural Network Systems Techniques and Applications, 1998, , 211-241.	0.0	0
4159	Intelligent Fuzzy System Modeling. , 1998, , 157-176.		5
4160	Fuzzy Stability Analysis of Fuzzy Systems: A Lyapunov Approach. Studies in Fuzziness and Soft Computing, 1998, , 67-101.	0.8	1
4161	Implementation Techniques for Fuzzy Theory Systems and Their Applications. , 1999, , 1439-1490.		0
4162	A theory of refinement structure of hedge algebras and its applications to fuzzy logic. Banach Center Publications, 1999, 46, 63-91.	0.1	0
4163	Techniques and Applications of Fuzzy System Interface Optimizers in Various System Problems. , 1999, , 1521-1559.		0
4164	Fuzzy Feedback Control for Dynamic Traffic Routing. Advances in Industrial Control, 1999, , 121-153.	0.5	0

#	Article	IF	Citations
4165	Fuzzy Sets Approach to Spatial Analysis. The Handbooks of Fuzzy Sets Series, 1999, , 267-300.	0.5	1
4166	The Optimising of Layered Oil Field Development by the Rearrangement of Exploitation Plays. , 1999, , .		0
4167	Fuzzy Inference with Control Schemes for Fuzzy Constraint Propagation. , 1999, , 267-290.		0
4169	Encouraging Cooperation in the Genetic Iterative Rule Learning Approach for Qualitative Modeling. Studies in Fuzziness and Soft Computing, 1999, , 95-117.	0.8	7
4170	Use of human expertise in the evaluation of manual lifting activities. Occupational Ergonomics, 1999, 2, 105-124.	0.3	4
4171	Caracterización de Ambientes Educativos y la Propensión a Enseñar, y sus Relaciones Dinámicas, a través de Modelamiento Fuzzy e ID3 Fuzzy. Polis (Santiago), 2014, 13, 63-84.	0.1	0
4172	THE PENTAGONAL FUZZY NUMBERS. Journal of the Chungcheng Mathematical Society, 2014, 27, 277-286.	0.0	4
4173	Modeling Optimal Allocation Centers In GIS By Fuzzy Base Set Of Fuzzy Interval Graph. , 2014, , .		1
4174	A Fuzzy DEMATEL- Trapezoidal Structure for Modeling Cause and Effect Relationships of Youth Violence. International Journal of Computing Algorithm, 2014, 3, 9-16.	0.1	0
4175	On Fuzzy Orders and Metrics. The Bulletin of Society for Mathematical Services and Standards, 0, 10, 48-52.	0.0	0
4176	Estimating Real-time Inundation Vulnerability Index at Point-unit Farmland Scale using Fuzzy set. Journal of Korean Society of Rural Planning, 2014, 20, 1-10.	0.1	0
4177	Time-Cost Trade-Off Problem Using Type-2 Trapezoidal Fuzzy Numbers. International Journal of Mathematics Trends and Technology, 0, , 51-59.	0.1	2
4178	Interval valued Fuzzy n-normed linear space. Malaysian Journal of Fundamental and Applied Sciences, 2008, 4, .	0.8	2
4179	A FUZZY LINGUISTIC DECISION TOOLS ENHANCEMENT SUITE TO SOLVE LINGUISTIC DECISION MAKING PROBLEMS. , 2014, , .		0
4180	Intuitionistic Fuzzy Reliability of k-out-of-n System using Statistical Confidence Interval. International Journal of Applied Information Systems, 2014, 7, 1-7.	0.1	0
4181	Normal and exponential fuzzy probability for generalized trigonometric fuzzy sets. Journal of Korean Institute of Intelligent Systems, 2014, 24, 398-402.	0.1	0
4182	Understanding the Impact of Expert Estimation Related Uncertainties on Architecture Generation and Supplier Identification. , 2014, , .		0
4183	IMPLEMENTATION OF FUZZY SELECTION OF EQUIPMENT IN INFORMATION NETWORK DESIGN SYSTEM. Vestnik of Don State Technical University, 2014, 14, 164-171.	0.4	0

#	Article	IF	Citations
4185	A New Clustering Method Based On Type-2 Fuzzy Similarity and Inclusion Measures. Journal of Computers, 2014, 9, .	0.4	2
4186	A Comparative Study of Type 1 Singleton Fuzzy Logic Systems in Machining Application. Research in Computing Science, 2014, 82, 105-117.	0.1	1
4187	Bayesian Logistic Regression using Vectorial Centroid for Interval Type-2 Fuzzy Sets. , 2015, , .		0
4188	A Fuzzy Newton-Cotes method For Integration of Fuzzy Functions. Journal of Fuzzy Set Valued Analysis, 2015, 2015, 171-178.	0.2	3
4189	Clustering with Interval-valued Fuzzy Sets. , 0, , .		0
4190	An Approach to Interval Fuzzy Probabilities. , 0, , .		0
4191	Comparative Analysis of Post University Matriculation Examination in Nigerian Universities Using Fuzzy Logic. British Journal of Mathematics & Computer Science, 2015, 11, 1-10.	0.3	1
4192	Understanding the Inference Mechanism of FURIA by means of Fingrams. , 0, , .		0
4193	Lower Approximations by Fuzzy Consequence Operators. , 0, , .		0
4194	Intuition based Decision Methodology for Ranking Interval Type â€" II Fuzzy Numbers. , 0, , .		0
4195	Using Computing with Words for Managing Non-cooperative Behaviors in Large Scale Group Decision Making. Studies in Big Data, 2015, , 97-121.	1.1	2
4196	QUALE Â®: A new Toolbox for Quantitative and Qualitative Analysis of Human Perceptions. , 0, , .		1
4197	New Approaches for Decision Making in Information Systems via Decision Diagrams. British Journal of Mathematics & Computer Science, 2015, 8, 418-432.	0.3	0
4198	Toward a Restriction-Centered Theory ofÂTruthÂand Meaning (RCT). Studies in Fuzziness and Soft Computing, 2015, , 1-22.	0.8	2
4199	Study on Comprehensive Evaluation of Conflict Operations in Man-machine Interaction System. , 0, , .		0
4200	On Perception-based Logical Deduction and Its Variants. , 0, , .		2
4201	Fuzzy Modifiers at the Core of Interpretable Fuzzy Systems. Studies in Fuzziness and Soft Computing, 2015, , 51-63.	0.8	2
4202	Pitch Aircraft Control with Type-2 FLC and PD Controller. Journal Electrical and Electronic Engineering, 2015, 3, 12.	0.2	0

#	ARTICLE	IF	CITATIONS
4203	A Linear-Complexity Rule Base Generation Method for Fuzzy Systems. , 0, , .		1
4204	Fuzzy Knowledge Representation for Linguistic Description of Time Series. , 0, , .		2
4205	A GDM Method Based on Granular Computing for Academic Library Management. Studies in Big Data, 2015, , 265-284.	1.1	0
4206	Developing Membership Functions and Fuzzy Rules from Numerical Data for Decision Making. , 0, , .		1
4207	ASIA - An Investigation Platform for Exploiting Open Source Information in the Fight Against Tax Evasion. , 2015, , .		0
4208	An analysis of the median of a fuzzy random variable based on Zadehâ€™s extension principle. , 0, , .		0
4209	A hybrid forecast model combining fuzzy time series, linear regression and a new smoothing technique. , 0, , .		3
4210	Fuzzified risk management: Selection of safeguards to minimize the maximum risk. Computer Science and Information Systems, 2015, 12, 567-585.	1.0	0
4211	Comparing TSK-1 FRBS against SVR for electrical power prediction in buildings. , 0, , .		0
4212	Recommending scientific papers through a method based on bibliometric measures. , 0, , .		0
4213	A Hesitant Linguistic Fuzzy TOPSIS Approach Integrated into FLINTSTONES. , 0, , .		1
4214	Linguistic Fuzzy Rough Sets for Multi Criteria Group Decision Making. , 2015, , .		0
4215	Induced Uncertain Pure Linguistic Hybrid Averaging Aggregation Operator and Its Application to Group Decision Making. Informatica, 2015, 26, 473-492.	2.7	1
4216	â€™Only comparableâ€™ T -transitive property and its closures for IVFRs. , 0, , .		0
4217	FuGePSD: Fuzzy Genetic Programming-based algorithm for Subgroup Discovery. , 0, , .		1
4218	Uncertain opinion formation based on the bounded confidence model.. , 0, , .		0
4219	Factor multialgebras, universal algebras and fuzzy sets. Carpathian Journal of Mathematics, 2015, 31, 111-118.	0.9	1
4220	Consensus Modeling under Fuzziness â€“ A Dynamic Approach with Random Iterative Steps. Studies in Big Data, 2015, , 195-218.	1.1	0

#	Article	IF	Citations
4221	Fuzzy Medial Ideals of BCI-Algebras with Interval-Valued Membership Function. International Journal of Computer Applications, 2015, 109, 24-31.	0.2	4
4222	Convex combination and its application to fuzzy sets and interval-valued fuzzy sets I. Applied Mathematical Sciences, 0, 9, 1061-1068.	0.1	1
4223	Autoassociative Fuzzy Implicative Memory on the Platform of Fuzzy Preorder. , 0, , .		3
4224	A tentative fuzzy assessment of the quality of teaching and opportunities to learn mathematics in a classroom discussion. , 0, , .		0
4225	APPLICATION OF Q-FUZZY IN INVESTMENT DECISION FOR MIDDLE INCOME GROUP. International Journal of Pure and Applied Mathematics, 2015, 98, .	0.2	0
4226	Î©-INTERVAL-VALUED FUZZY SUBSEMIGROUPS IN A SEMIGROUP. Honam Mathematical Journal, 2015, 37, 29-40.	0.1	0
4227	FUZZY MULTICRITERIA DECISION MAKING USING FUZZY TOPSIS FOR THE SELECTION OF SOFTWARE ARCHITECTURE. ETRI Journal, 0, , .	2.0	0
4228	PRZEDZIAÅOWE SYSTEMY ROZMYTE TYPU 2 W ZARZÄ„DZANIU EMISJÄ„ TLENKÃ"W AZOTU. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2015, 5, 20-23.	0.4	0
4229	The Emotional Effect of Semi Classical Carnatic Music using Linguistic Aggregated Fuzzy Relational Maps. International Journal of Computer Applications, 2015, 114, 26-32.	0.2	8
4230	Heuristic Algorithm for Efficient Data Retrieval Scheduling in the Multichannel Wireless Broadcast Environments. International Journal of Computer Applications Technology and Research, 2015, 4, 336-339.	0.1	0
4231	Determining of Level Sets for a Fuzzy Surface Using GrÃ¶bner Basis. International Journal of Fuzzy System Applications, 2015, 4, 1-14.	0.7	1
4232	ON INTERVAL-VALUED FUZZY LATTICES. Honam Mathematical Journal, 2015, 37, 187-205.	0.1	0
4233	Intelligent Decision Support System (DSS) Software for System Operation and Multiple Water Resources Blending in Water Treatment Facilities. , 2015, , .		0
4234	Linear Equations And Systems In Fuzzy Environment. Journal of Mathematics and Computer Science, 2015, 15, 23-31.	1.0	2
4235	Improvement of 2-Partition Entropy Approach Using Type-2 Fuzzy Sets for Image Thresholding. International Journal of Applied Evolutionary Computation, 2015, 6, 33-48.	1.0	2
4236	Quantitative Reasoning of Goal Satisfaction in the i*Framework. , 2015, , .		1
4237	Modelagem da dinÃ¢mica de um grupo de indivÃduos HIV positivos com parÃ¢metro Fuzzy do tipo 2. , 0, , .		1
4238	Solving Fuzzy MCDM by Subtracting Benefit Criteria from Cost Criteria. Universal Journal of Management, 2015, 3, 337-345.	0.2	0

#	Article	IF	Citations
4239	Propriedades de controladores fuzzy: um estudo de caso. Scientia Plena, 2015, 11, .	0.2	0
4240	Designing a Decision Making Support Information System for the Operational Control of Industrial Technological Processes. International Journal of Information Technology and Computer Science, 2015, 7, 1-7.	1.0	2
4241	A Novel Entropy of Interval Valued Fuzzy Set. Open Cybernetics and Systemics Journal, 2015, 9, 2526-2529.	0.3	2
4242	More Types of Averaging and Construction Methods. Studies in Fuzziness and Soft Computing, 2016, , 207-250.	0.8	0
4243	Interval Type II Fuzzy Sliding Mode Controller Tuned With PSO Designed for Attitude Control of Micro Aircraft Vehicle. International Journal of Control and Automation, 2015, 8, 335-348.	0.3	0
4245	Forecasting Of Type-2 Fuzzy Electric Power System Based On Phase Space Reconstruction Model. International Journal of Grid and Distributed Computing, 2015, 8, 263-272.	0.8	0
4246	Performance Assessment of Urban Infrastructure Services. Water Intelligence Online, 2015, 7, 9781780401942-9781780401942.	0.3	1
4247	Control adaptativo para navegaciÃ³n de una silla de ruedas inteligente empleando lÃ³gica difusa tipo 1 y tipo 2. Research in Computing Science, 2015, 91, 143-156.	0.1	1
4248	A New Method to Calculate the Appropriateness Measures of Label Expressions in Uncertainty Model. Open Access Library Journal (oalib), 2016, 03, 1-7.	0.2	0
4249	Building a Type-2 Fuzzy Random Support Vector Regression Scheme in Quantitative Investment. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 564-575.	0.2	1
4251	The Application of Fuzzy Analytic Hierarchy Process in High School Math Teachers Ranking. Mathematics Education Trends and Research, 2016, 2016, 20-30.	0.2	2
4252	Modules in the Category $$\mathtt {\mathbf{Sup}}$$. Studies in Fuzziness and Soft Computing, 2016, , 23-56.	0.8	0
4253	Realizing Many-Valued Logic for Computation. International Journal of Electronics and Electrical Engineering, 2016, , 277-283.	0.2	1
4254	Grey approach for automobile dealer evaluation based on "Internet plus automotive aftermarket". Zeszyty Naukowe Politechniki PoznaÅ„skiej Organizacja I ZarzÄ…dzanie, 2016, , 69-87.	0.1	0
4255	INTERVAL VALUED (Î±, Î²)-INTUITIONISTIC FUZZY BI-IDEALS OF SEMIGROUPS. Journal of Applied Mathematics & Informatics, 2016, 34, 115-143.	0.1	1
4256	FACTS: Fuzzy Assessment and Control for Temperature Stabilization - Regulating Global Carbon Emissions with a Fuzzy Approach to Climate Projections. , 2016, , .		0
4257	Overview on the Developments and Applications of Hesitant Fuzzy Sets: An Uncertain Decision Making Tool. Journal of Risk Analysis and Crisis Response (JRACR), 2016, 6, 67.	0.3	0
4258	Socratic Programming: An Innovative Programming Learning Method. International Journal of Information and Education Technology, 2016, 6, 247-250.	1.2	2

#	Article	IF	Citations
4259	Automation of Aerial and Satellite Image Interpretation. , 2016, , .		0
4260	Fuzzy Minimal Solution of Dual Fully Fuzzy Matrix Equations. , 2016, , .		0
4261	Slicing Strategies for the Generalised Type-2 Mamdani Fuzzy Inferencing System. Lecture Notes in Computer Science, 2016, , 195-205.	1.3	2
4262	SINGRARâ€"A Distributed Expert System for Emergency Management: Implementation and Validation. Integrated Series on Information Systems, 2016, , 275-302.	0.1	0
4264	Robustness of Triple I Algorithms Based on Schweizer-Sklar Operators in Fuzzy Reasoning. International Journal of Advanced Computer Research, 2016, 6, 1-8.	1.0	0
4265	Resolution Method in Linguistic Propositional Logic. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	1
4266	Multi-Stage Multi-Objective Solid Transportation Problem for Disaster Response Operation with Type-2 Triangular Fuzzy Variables. Hacettepe Journal of Mathematics and Statistics, 2016, 46, 1-1.	0.3	3
4267	Decision Making Through the Fuzzy TOPSIS Method. International Journal of Research in Business and Social Science, 2016, 5, 71-82.	0.3	2
4268	LIVE: Lightweight Integrity Verification for Named Data Networking. International Journal of Engineering and Computer Science, 0, , .	0.2	0
4269	Assignment Problems with fuzzy costs using Ones Assignment Method. IOSR Journal of Mathematics, 2016, 12, 85-89.	0.1	2
4270	Symbolic Computational Models for Intuitionistic Linguistic Information. Journal of Computer Science and Cybernetics, 2016, 32, 31-45.	0.3	0
4271	INTERVAL-VALUED FUZZY GROUP CONGRUENCES. Honam Mathematical Journal, 2016, 38, 403-423.	0.1	0
4272	Review of Traffic Signal Control based on Fuzzy Logic. International Journal of Computer Applications, 2016, 145, 18-22.	0.2	4
4273	Small Hydropower Site Selection Using Spatial-Fuzzy Expert System: A Case Study. Reason-A Technical Journal, 2014, 13, 49.	0.9	1
4274	Flow Tasks in Networks in Crisp Conditions. Studies in Fuzziness and Soft Computing, 2017, , 1-22.	0.8	0
4275	Knowledge Requirements of DERESIS Model. , 2017, , 39-58.		0
4276	Đ¡lustering method for quality verification of expertsâ€™ Unified State Examination checking. Vestnik of Don State Technical University, 2016, 16, 110-118.	0.4	1
4277	Analysis of the Changes in Processes Using the Kosinski's Fuzzy Numbers. , 0, , .		13

#	ARTICLE	IF	CITATIONS
4278	Increasing the energy efficiency of distribution networks using Smart-technologies. Electronics and Communications, 2016, 21, 58-64.	0.2	0
4279	INTERVAL-VALUED INTUITIONISTIC SMOOTH TOPOLOGICAL SPACES. Korean Journal of Mathematics, 2016, 24, 663-679.	0.2	0
4280	Fuzzy-Logic-Based Application to Combat Gender Violence. International Journal of Computational Intelligence Systems, 2017, 10, 1306.	2.7	0
4281	Type-2 Fuzzy VIKOR Method and Its Application in Facility Location Selection. , 2017, , .		1
4282	Grey Predictor Assisted Fuzzy and Fractional Order Fuzzy Control of a Moving Cart Inverted Pendulum. Studies in Computational Intelligence, 2017, , 57-90.	0.9	2
4283	A Fuzzy-based Sustainability Assessment Approach for Promoting Sustainable Urban Mobility. , 2017, , .		0
4284	Multi-criteria decision-making for purchasing cell phones using machine learning approach. International Journal of Decision Sciences, Risk and Management, 2017, 7, 190.	0.1	1
4285	EEG signals classifications of motor imagery using adaptive neuro-fuzzy inference system and interval type-2 fuzzy system. International Journal of Intelligent Systems Technologies and Applications, 2017, 16, 106.	0.2	0
4286	Evaluation of life quality by integrated method of AHP and TOPSIS based on interval type-2 fuzzy sets. Hacettepe Journal of Mathematics and Statistics, 2017, 46, 1-13.	0.3	5
4287	O pewnych modyfikacjach teorii skierowanych liczb rozmytych. BiaÅ‚ostockie Teki Historyczne, 2017, , 3-18.	0.3	1
4288	Fuzzy Qualitative Trigonometry. Studies in Computational Intelligence, 2017, , 35-50.	0.9	2
4289	A t-Norm Fuzzy Logic for Approximate Reasoning. Journal of Software Engineering and Applications, 2017, 10, 639-662.	1.1	4
4290	Type-2 Fuzzy G-Tolerance Relation and Its Properties. International Journal of Analysis and Applications, 0, , .	0.4	0
4291	The selection of appropriate mining method for the Deh Gheybi Granite Quarry Mine using the FTOPSIS method. International Journal of Mining and Mineral Engineering, 2017, 8, 113.	0.3	1
4292	Fuzzy Logic Systems. Nonlinear Physical Science, 2017, , 7-34.	0.2	0
4293	Application of Risk Theory Approach to Fuzzy Abduction. Advances in Intelligent Systems and Computing, 2017, , 13-19.	0.6	0
4294	Some Notes on Extracting Linguistic Summaries Built with Epistemic Modalities and Natural Language Connectives of Equivalence. Computational Methods in Science and Technology, 2017, 23, 19-41.	0.3	1
4295	Searching Web Documents Using a Fuzzy-Based Method. Asian Journal of Fuzzy and Applied Mathematics, 2017, 5, .	0.3	0

#	ARTICLE	IF	CITATIONS
4296	On the Aggregation of Zadehâ€™s Z-Numbers Based on Discrete Fuzzy Numbers. Advances in Intelligent Systems and Computing, 2018, , 118-129.	0.6	0
4298	Fuzzy Convergence of Fuzzy Complex Series. GovarÃ® ZankoÃ® GermÃ®an, 2017, 4, 145-156.	0.0	0
4299	Type 2 Fuzzy Convexity*. GovarÃ® ZankoÃ® GermÃ®an, 2017, 4, 131-144.	0.0	0
4300	A Linguistic 2-Tuple Based Environmental Impact Assessment for Maritime Port Projects: Application to Moa Port. Studies in Fuzziness and Soft Computing, 2018, , 333-348.	0.8	0
4301	A Type-2 Fuzzy Scheme for Traffic Density Prediction in Smart City. International Journal of Computer Applications, 2017, 173, 35-38.	0.2	0
4302	Linguistic-Valued Logics Based on Hedge Algebras and Applications to Approximate Reasoning. Applied Mathematics and Information Sciences, 2017, 11, 1317-1334.	0.5	1
4303	Hedge Algebras: An Algebraic Approach to Domains of Linguistic Variables and Their Applicability. ASEAN Journal on Science and Technology for Development, 2017, 23, 1.	0.5	1
4304	On type-2 soft topologies. New Trends in Mathematical Sciences, 2017, 4, 182-194.	0.2	0
4305	Identifying Risk Factors of Diabetes using Fuzzy Inference System. IAES International Journal of Artificial Intelligence, 2017, 6, 150.	0.8	1
4306	Approximate Solution of LR Fuzzy Matrix System. , 2018, , .		0
4307	BBO optimization of an EKF for interval type-2 fuzzy sliding mode control. International Journal of Computational Intelligence Systems, 2018, 11, 770.	2.7	5
4308	On Measures of Dependence between Possibility Distributions. Acta Polytechnica Hungarica, 2018, 15, .	2.9	0
4309	A Case Study-Based Analysis of the Influence of the Fuzzy Data Shape in Quantifying Their FrÃ©chetâ€™s Variance. Studies in Systems, Decision and Control, 2018, , 709-719.	1.0	1
4310	Ordered weighted averaging operator used to enhance the accuracy of fuzzy predictor based on genetic algorithm. International Journal of Intelligent Systems Technologies and Applications, 2018, 17, 229.	0.2	0
4311	A Hesitant Fuzzy Multiple Attribute Decision Making Method Based on Complementary Judgment Matrix. , 2018, , .		0
4312	Using Functions from Fuzzy Classes of k-valued Logic for Decision Making Based on the Results of Rating Evaluation. Journal of Automation, Mobile Robotics and Intelligent Systems, 2018, 11, 73-79.	0.4	0
4313	IMAGE QUALITY ASSESSMENT OF HIGH-RESOLUTION SATELLITE IMAGES WITH MTF-BASED FUZZY COMPREHENSIVE EVALUATION METHOD. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3, 1907-1914.	0.2	4
4314	Using the sugeno indistinct implication algorithm for identifying emotions based on the information on the motor units. Politechnical Student Journal, 2018, , .	0.0	0

#	Article	IF	Citations
4315	A Collaborative Composite Event Detection Approach in Wireless Sensor Network Using Fuzzy Assisted Decision System. Applied Mathematics and Information Sciences, 2018, 12, 567-577.	0.5	0
4316	Sistema experto difuso para el control metabólico en pacientes con diabetes mellitus tipo 2. Acta Universitaria, 2018, 28, 67-74.	0.2	1
4317	Propuesta de una Metodología con base en la Lógica Difusa para Explicar los Razonamientos de Tipo Sorites. Revista Colombiana De Filosofía De La Ciencia, 2018, 18, 39-63.	0.0	1
4318	A bi-objective multi-echelon supply chain model with Pareto optimal points evaluation for perishable products under uncertainty. Scientia Iranica, 2018, .	0.4	4
4319	Key Formalisms for Representation of Information Granules and Processing Mechanisms. , 2018, , 19-45.		0
4320	A Novel Multi-Criteria Decision Making Method based on The Ranking Values of Interval Type-2 Fuzzy Sets: An Application of a Manager Selection for a Telecommunication Company. Journal of Natural and Applied Sciences, 2018, 22, 290.	0.4	1
4321	A Simulation Environment for Modelling and Analysis of the Distribution of Shore Observatory Stations - Preliminary Results. , 2018, , 171-176.		5
4322	Approximation of Intuitionistic Fuzzy Systems for Time Series Analysis in Plant Monitoring and Diagnosis. Studies in Fuzziness and Soft Computing, 2019, , 87-100.	0.8	0
4324	Intelligent Multimodel Simulation in Decomposed Systems. , 2018, , .		0
4327	Improving efficiency for ensuring data group anonymity by developing an information technology. Eastern-European Journal of Enterprise Technologies, 2018, 6, 41-56.	0.5	0
4328	Identifying Relative Weights of Evaluation Indices for Library Website Usability Acceptance Model by Applying the Extent Analysis Fuzzy AHP Approach. International Journal of Web Applications, 2018, 10, 137.	0.5	0
4329	Refined Method of Analyzing Potential Defects in Engineering Products. , 0, , .		0
4330	Extracting group decision making experts' preferences from debate transcriptions using sentiment analysis. , 0, , .		0
4331	Numerical Solution for Lotka-Volterra Model of Oscillating Chemical Reactions with Interactive Fuzzy Initial Conditions. , 0, , .		3
4332	Modeling language constructs with compatibility intervals. , 2019, , .		0
4333	Fault Ride through Capability Improvement of DFIG Using SMES Unit during Short Circuit. International Journal of Mechanical Engineering and Robotics Research, 2019, , 443-448.	1.0	0
4334	Fuzzy applications in selected aircraft on-board system. , 0, , .		0
4335	Two theorems from extreme value theory for interval valued events. , 0, , .		0

#	Article	IF	Citations
4336	Diminishing Choquet Hesitant 2-Tuple Linguistic Aggregation Operator for Multiple Attributes Group Decision Making. International Journal of Analysis and Applications, 0, , .	0.4	0
4337	On fuzzy approximation operators and fuzzy transformation systems. , 0, , .		0
4339	TOWARDS A GENERAL THEORY FOR DATA-BASED POSSIBILISTIC PARAMETER INFERENCE. , 2019, , .		0
4340	Intuitionistic fuzzy theory for soft-computing: more appropriate tool than fuzzy theory. International Journal of Computing and Optimization, 2019, 6, 13-56.	0.1	3
4341	Modeling language constructs with fuzzy sets: some approaches, examples and interpretations. , 2019, , .		1
4342	Pert using Fuzzy variables and probability distribution function randomly selected. Independent Journal of Management & Production, 2019, 10, 041.	0.4	1
4343	Fuzzy Model for Diagnosis of Bacterial Meningitis. International Journal of Computer Applications Technology and Research, 2019, 8, 33-51.	0.1	2
4344	Regularity Of Cubic Graph With Application. Journal of the Indonesian Mathematical Society, 0, , 1-15.	0.1	8
4346	Analysis of a Possibility of Using Fuzzy Logic to Assess the Reliability of Aircraft On-Board Systems. Journal of KONBiN, 2019, 49, 183-198.	0.4	2
4347	Identification of n-Quarter Circular Arcs and n-Quarter Elliptic Arcs Based on Freehand Curve Identifier FSCI. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2019, 31, 701-711.	0.0	0
4348	Some Novel Similarity Measures of Hesitant Fuzzy Sets And Their Applications To MADM. SSRG International Journal of Engineering Trends and Technology, 2019, 67, 31-37.	0.5	0
4349	An Exploratory Study of Hierarchical Fuzzy Systems Approach in A Recommendation System. Jurnal Intelek, 2019, 14, 174-186.	0.2	1
4350	A Study on First-Order Fuzzy Initial Value Problems with Positive and Negative Fuzzy Number Coefficients by Fuzzy Laplace Transform. Cumhuriyet Science Journal, 2019, 40, 886-895.	0.3	0
4351	An Integrated Framework of Product Kansei Decision-Making Based on Hesitant Linguistic Fuzzy Term Sets. Lecture Notes in Computer Science, 2020, , 352-366.	1.3	0
4352	Fuzzy Modeling in Spatial Analysis. , 2020, , 1-26.		0
4353	Mathematical analysis of a simplified general type-2 fuzzy PID controller. Mathematical Biosciences and Engineering, 2020, 17, 7994-8036.	1.9	2
4354	Introduction to Concept Modifiers in Fuzzy Soft Sets for Efficient Query Processing. Advances in Intelligent Systems and Computing, 2020, , 669-676.	0.6	0
4355	On a Fuzzy Problem with Variable Coefficient by Fuzzy Laplace Transform. Journal of the Institute of Science and Technology, 0, , 576-583.	0.9	0

#	Article	IF	Citations
4356	Técnicas difusas para la evaluación de impactos ambientales en el transporte de hidrocarburos en Colombia. Tecnura, 2020, 24, 48-65.	0.4	3
4357	A Type-2 Fuzzy Sonewhere Dense Set In General Type-2 Fuzzy Topological Space. Iraqi Journal of Science, 0, , 21-27.	0.3	0
4358	Multi-item multi-objective fixed charged solid transportation problem with type-2 fuzzy variables. Proyecciones, 2020, 39, 621-637.	0.3	0
4359	Linguistic Z-number Muirhead mean operators and their applications in ethical-financial portfolio selection. Scientia Iranica, 2020, .	0.4	0
4360	CONNECTEDNESS ON CUBIC TOPOLOGICAL SPACES. Advances in Mathematics: Scientific Journal (discontinued), 2020, 9, 1323-1328.	0.2	0
4361	Zadehian Paradigms Shaping 21st Century Artificial Intelligence. Studies in Fuzziness and Soft Computing, 2021, , 495-507.	0.8	0
4362	ANALYSIS OF SYSTEM RELIABILITY OF AN ILLUMINATED DARK ROOM BY TIT2FNS FUZZY DATA WITH SOME OF ITS ARITHMETIC OPERATIONS. Journal of Mathematical Sciences & Computational Mathematics, 2020, 1, 484-495.	0.1	0
4363	Continuous mappings on cubic topological spaces. Malaya Journal of Matematik, 2020, S, 32-38.	0.2	0
4364	Alternative Arithmetic of Pentagonal Fuzzy Numbers. International Journal of Mathematics Trends and Technology, 2020, 66, 28-36.	0.1	1
4365	A Novel Algorithm to Detect Brain Tumor using Staged-Type-II Fuzzy Classifier. , 2020, , .		0
4366	Cubic q-Rung Orthopair Fuzzy Linguistic Set and Their Application to Multiattribute Decision-making with Muirhead Mean Operator. , 2021, 1, 37-50.		11
4367	Genetic Algorithm Based Solution of Fuzzy Multi-Objective Transportation Problem. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 1452-1467.	0.7	1
4368	Forecasting Electricity Consumption Using the Second-Order Fuzzy Time Series. IOP Conference Series: Materials Science and Engineering, 0, 932, 012056.	0.6	1
4369	Optimization Coagulation Process of Water Treatment Plant Using Neural Network and Internet of Things (IoT) Communication. , 2020, , .		3
4370	Tracking a Ground Moving Target with UAV Based on Interval Type-2 Fuzzy Logic. , 2020, , .		1
4371	Assessment of national innovation capabilities of OECD countries using trapezoidal interval type-2 fuzzy ELECTRE III method. Data Technologies and Applications, 2021, 55, 400-429.	1.4	3
4372	A consensual method for multi-criteria group decision-making with linguistic intuitionistic information. Information Sciences, 2022, 582, 797-832.	6.9	16
4373	Optimization of Interval Type-2 Fuzzy Logic System for Software Reliability Prediction. International Journal of Engineering Research and Advanced Technology, 2020, 06, 01-12.	0.1	1

#	Article	IF	Citations
4374	Pythagorean Picture Fuzzy Sets, Part 1- basic notions. Journal of Computer Science and Cybernetics, 2019, 35, 293-304.	0.3	5
4375	Fuzzy Modeling in Spatial Analysis. , 2020, , 1-26.		0
4376	Belief Graphical Models for Uncertainty Representation and Reasoning. , 2020, , 209-246.		5
4377	A Multiattribute Decision Making Approach Based on Intuitionistic 2-Tuple Fuzzy Power Average Operators. Operations Research and Fuzziology, 2020, 10, 303-310.	0.1	0
4378	Women entrepreneurship in developing countries: simulation based fuzzy TOPSIS approach. , 2020, , .		1
4379	State of the Art Recommendation Approaches. , 2020, , 1621-1651.		0
4380	Similarity Measures of Tangent, Cotangent and Cosines in Neutrosophic Environment and their Application in Selection of Academic Programs. International Journal of Computer Applications, 2020, 177, 17-24.	0.2	3
4381	Maclaurin symmetric Means for Linguistic Z-numbers and Their Application to Multiple-Attribute Decision Making. Scientia Iranica, 2020, .	0.4	0
4382	Matrix games with proportional linguistic payoffs. Soft Computing, 2021, 25, 15067-15081.	3.6	2
4383	S U P -Hesitant fuzzy ideals of Î“-semigroups. Journal of Mathematics and Computer Science, 2021, 26, 148-161.	1.0	1
4384	Innovative Model of the Cost Price Calculation of Products from Invasive Non-Native Wood Species Based on the FTDABC Method. Forests, 2021, 12, 1519.	2.1	4
4385	SENSOR SELECTION COMPARISON BETWEEN FUZZY TOPSIS ALGORITHM AND SIMPLE ADDITIVE WEIGHTING ALGORITHM IN AUTOMATIC INFUSE MONITORING SYSTEM APPLICATION. Jurnal Ilmiah SINERGI, 2020, 24, 207.	0.3	0
4386	Comparing Intervals Using Type Reduction. , 2020, , .		0
4387	Application of Linear Programming Model in Multiple Criteria Decision Making Under the Framework of Interval-Valued Hesitant Fuzzy Sets. Advances in Intelligent Systems and Computing, 2021, , 282-290.	0.6	1
4388	Fuzzy Linguistic Modelling in Multi Modal Human Computer Interaction. , 0, , 1481-1496.		0
4389	A Fuzzy Approach to Disaster Modeling. , 0, , 1038-1055.		0
4390	An Intelligent Process Development Using Fusion of Genetic Algorithm with Fuzzy Logic. , 0, , 312-348.		0
4391	Hybrid Intelligent Systems in Ubiquitous Computing. , 0, , 100-119.		0

#	ARTICLE	IF	CITATIONS
4392	Hybrid Intelligent Systems in Ubiquitous Computing. , 0, , 100-119.		1
4393	Knowledge, Truth, and Values in Computer Science. , 0, , 1678-1689.		0
4394	Case Study: Transport Decision Making. , 2006, , 499-528.		0
4395	Learning Linguistic Fuzzy Rules by Using Estimation of Distribution Algorithms as the Search Engine in the COR Methodology. Studies in Fuzziness and Soft Computing, 2006, , 259-280.	0.8	4
4396	Background on Soft Computing. , 2008, , 451-501.		0
4397	On the Issue of Linguistic Approximation. , 2007, , 61-78.		0
4398	A Fuzzy Linguistic Recommender System to Advice Research Resources in University Digital Libraries. , 2008, , 567-585.		1
4399	Computing with Words in Data Mining and Pattern Recognition. , 2007, , 285-293.		1
4400	A MultiAgent System for Physically Based Rendering Optimization. Lecture Notes in Computer Science, 2007, , 149-163.	1.3	2
4401	Empirical Results Concerning a Fuzzy-Based Measure of Symmetry of Real Random Variables. Advances in Soft Computing, 2008, , 147-154.	0.4	0
4402	The Theoretical Methods of Constructing Fuzzy Inference Relations. Advances in Soft Computing, 2009, , 157-169.	0.4	2
4403	On logical and algebraic foundations of approximate reasoning. , 0, , .		1
4404	Unified theory of classic mechanics and quantum mechanics. Modern Physics Letters A, 2020, 35, 2030022.	1.2	1
4405	Optimization of Fuzzy Controllers for Autonomous Mobile Robots Using the Stochastic Fractal Search Method. Studies in Computational Intelligence, 2021, , 175-188.	0.9	0
4406	Material Criticality Assessment for Business Purposes Using Fuzzy Linguistic Method. Sustainable Production, Life Cycle Engineering and Management, 2021, , 455-467.	0.3	0
4408	On Weakly Regular Semigroups Characterized in Terms of Generalized Interval-Valued Fuzzy Subsemigroups. Missouri Journal of Mathematical Sciences, 2020, 32, .	0.1	0
4409	A Bit More About Fuzzy Modus Ponens. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2020, 32, 866-868.	0.0	0
4410	Modeling the retrieval process for an information retrieval system using an ordinal fuzzy linguistic approach. Journal of the Association for Information Science and Technology, 2001, 52, 460-475.	2.6	28

#	ARTICLE	IF	CITATIONS
4414	Lot size scheduling using fuzzy numbers. International Transactions in Operational Research, 1995, 2, 205-212.	2.7	6
4415	Distance-Based Knowledge Measure of Hesitant Fuzzy Linguistic Term Set With Its Application in Multi-Criteria Decision Making. International Journal of Fuzzy System Applications, 2022, 11, 1-20.	0.7	1
4416	On the general strong fuzzy solutions of general fuzzy matrix equation involving the Core-EP inverse. AIMS Mathematics, 2022, 7, 3221-3238.	1.6	2
4417	Multiple attribute group decision-making based on generalized aggregation operators under linguistic interval-valued Pythagorean fuzzy environment. Granular Computing, 2022, 7, 591-632.	8.0	11
4418	BulanÄ±k MantÄ±k YaklaÅŸÄ±mÄ±yla SÃ¼neklik DÃ¼zeyi SÄ±nÄ±rlÄ± Betonarme KiriÅŸlerin Kesme DayanÄ±mlarÄ±nÄ±n HesabÄ±. ALKÃœ Fen Bilimleri Dergisi, 0, , .	0.8	0
4419	An ordering of fuzzy numbers based on the Zadeh extension principle. Soft Computing, 0, , 1.	3.6	1
4420	Application of Fuzzy Analytical Network Process and VIKOR Model in Foreign Trade Supplier Selection. Mobile Information Systems, 2021, 2021, 1-8.	0.6	1
4421	Online Analytical Processing Operations via Neutrosophic Systems. , 2020, , 87-109.		0
4422	Interval-Valued Triangular Neutrosophic Linear Programming Problem. , 2020, , 105-115.		1
4423	Generalised soft multi-mode real options model (fuzzy-stochastic approach). Expert Systems With Applications, 2022, 192, 116388.	7.6	6
4424	Pythagorean Fuzzy Analytical Network Process (ANP) and Its Application to Warehouse Location Selection Problem. , 0, , .		1
4425	Forecasting Total Population Using Chen, Cheng, and Markov Chain Fuzzy Time Series Models. , 2020, , .		0
4426	VAGUE GROUPS REDEFINED WITH RESPECT TO t-NORM. Advances in Mathematics: Scientific Journal (discontinued), 2020, 9, 8475-8483.	0.2	0
4427	A Novel Fuzzy Linguistic Fusion Approach to Naive Bayes Classifier for Decision Making Applications. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1889-1897.	0.4	2
4428	Improvement of the Service Quality Management System in Automobile Dealerships Using Dynamic Fuzzy Numbers Tools. , 2020, , .		2
4429	Measuring perceptions of students toward game and recreational activity using fuzzy conjoint analysis. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 395.	0.8	3
4430	Situational management of production systems based on a balanced scorecard. , 2020, , .		0
4431	Interval Type-2 Fuzzy Clustering Based Association Rule Mining Method. , 2020, , .		3

#	Article	IF	Citations
4432	Interval Type 2 Fuzzy Analytic Hierarchy Process Synthesizing with Ordered Weighted Average Variation of Bonferroni Mean Operator. , 2020, , .		1
4433	The synergy of linguistic summaries, fuzzy functional dependencies and land coverings for augmenting informativeness in smart cities. , 2020, , .		1
4434	Evaluating environmental quality in Tunisia using Fuzzy CODAS SORT method. , 2020, , .		3
4435	Computing Truth Values of Modus Ponens and Modus Tollens Rule for Linguistic Truth-Valued Propositions and Its Application in Taking Decisions in Health Care. Studies in Big Data, 2021, , 301-329.	1.1	0
4436	Risk Analysis for the Tech Startup Projects with Fuzzy Logic. Lecture Notes in Networks and Systems, 2022, , 671-679.	0.7	1
4437	Review of Recent Control Strategies for the Traction Converters in High-Speed Train. IEEE Transactions on Transportation Electrification, 2022, 8, 2311-2333.	7.8	28
4438	A novel approach on decision support system based on triangular linguistic cubic fuzzy Dombi aggregation operators. Soft Computing, 2022, 26, 1637-1669.	3.6	4
4439	Fuzzy Einstein WASPAS approach for the economic and societal dynamics of the climate change mitigation strategies in urban mobility planning. Structural Change and Economic Dynamics, 2022, 61, 1-17.	4.5	22
4440	Generalized Constraint Representation ofÂAdjectives inÂPNL. Lecture Notes in Networks and Systems, 2022, , 827-835.	0.7	1
4441	Approximations of Fuzzy Numbers by Using r-s Piecewise Linear Fuzzy Numbers Based on Weighted Metric. Mathematics, 2022, 10, 145.	2.2	2
4442	coppeCosenzaR: A hierarchical decision model. SoftwareX, 2022, 17, 100899.	2.6	2
4443	Ecological Security Evaluation for Marine Ranching Based on the PLTS/ANP Method: A Case Study of Rongcheng. Complexity, 2022, 2022, 1-16.	1.6	2
4444	Customer-oriented product design using an integrated neutrosophic AHP & DEMATEL & QFD methodology. Applied Soft Computing Journal, 2022, 118, 108445.	7.2	56
4445	Effect of short-term frozen storage on taste of gonads of female Eriocheir sinensis and the classification of taste quality combined with sensory evaluation and fuzzy logic model. Food Chemistry, 2022, 378, 132105.	8.2	14
4446	A generalized interval type-2 fuzzy random variable based algorithm under mean chance value at risk criterion for inverse 1-median location problems on tree networks with uncertain costs. Journal of Computational and Applied Mathematics, 2022, 408, 114104.	2.0	3
4447	Multi-Criteria Group Decision-Making Method Based on Linguistic Neutrosophic Clouds. SSRN Electronic Journal, 0, , .	0.4	0
4448	A Spherical Fuzzy Ahp Integrated Spherical Fuzzy Codas Methodology for Vending Machine Location Selection Problem: A Real Case Study in Ä°stanbul. SSRN Electronic Journal, 0, , .	0.4	0
4452	Adjective Phrases in PNL and its Application to Reverse Dictionary. IEEE Access, 2022, 10, 28385-28396.	4.2	2

#	Article	IF	Citations
4454	A note on a note to the finite T-sum of L-R fuzzy numbers and further considerations. Fuzzy Sets and Systems, 2022, , .	2.7	0
4455	Novel Aczelâ€"Alsina operations-based hesitant fuzzy aggregation operators and their applications in cyclone disaster assessment. International Journal of General Systems, 2022, 51, 511-546.	2.5	36
4456	On the Factors of Successful e-Commerce Platform Design during and after COVID-19 Pandemic Using Extended Fuzzy AHP Method. Axioms, 2022, 11, 105.	1.9	6
4457	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.	2.1	0
4458	A Linguistic Group Bestâ€"Worst Method for Measuring Good Governance in the Third Sector: A Spanish Case Study. International Journal of Fuzzy Systems, 2022, 24, 2133-2156.	4.0	1
4459	An Interval Type-2 Fuzzy Model of Computing with Words via Interval Type-2 Fuzzy Finite Rough Automata with Application in COVID-19 Deduction. New Mathematics and Natural Computation, 2022, 18, 61-101.	0.7	3
4460	Extended stability problem for two fuzzy number-valued functional equations. Journal of Interdisciplinary Mathematics, 2022, 25, 1609-1620.	0.7	0
4461	Linguistic multi-criteria decision-making aggregation model based on situational ME-LOWA and ME-LOWGA operators. Granular Computing, 2023, 8, 97-110.	8.0	4
4462	SAGMADâ€"A Signature Agnostic Malware Detection System Based on Binary Visualisation and Fuzzy Sets. Electronics (Switzerland), 2022, 11, 1044.	3.1	10
4463	Online education satisfaction assessment based on cloud model and fuzzy TOPSIS. Applied Intelligence, 2022, 52, 13659-13674.	5.3	14
4464	Safe E-scooter operation alternative prioritization using a q-rung orthopair Fuzzy Einstein based WASPAS approach. Journal of Cleaner Production, 2022, 347, 131239.	9.3	28
4465	A fuzzy semantic representation and reasoning model for multiple associative predicates in knowledge graph. Information Sciences, 2022, 599, 208-230.	6.9	12
4466	Extending a fuzzy network data envelopment analysis model to measure maturity levels of a performance based-budgeting system: A case study. Expert Systems With Applications, 2022, 200, 116884.	7.6	4
4467	Fuzzy Semantic Networks as a Knowledge Representation Model of Autonomous Intelligent Systems. Scientific and Technical Information Processing, 2021, 48, 333-341.	0.6	6
4468	Applying Fuzzy Logic and Neural Network in Sentiment Analysis for Fake News Detection: Case of Covid-19. Studies in Computational Intelligence, 2022, , 387-400.	0.9	5
4469	Planning the Collective Activities of Autonomous Mobile Intelligent Agents under Uncertainty. Scientific and Technical Information Processing, 2021, 48, 493-501.	0.6	3
4470	Multi-criteria prioritization of the renewable power plants in Australia using the fuzzy logic in decision-making method (FMCDM). Clean Energy, 2022, 6, 16-34.	3.2	10
4473	FMECA Application in Tomotherapy: Comparison between Classic and Fuzzy Methodologies. Environments - MDPI, 2022, 9, 50.	3.3	3

#	ARTICLE	IF	CITATIONS
4474	Assessing the Criteria of Eco-Industrial Park Site Selection for the Sustainable Development Goals Initiatives. Community, Environment and Disaster Risk Management, 2022, 26, 135-148.	0.2	1
4475	Soft Bond Game Options Valuation in Discrete Time Using a Fuzzy-Stochastic Approach. International Journal of Fuzzy Systems, 0, , 1.	4.0	0
4476	Learning Linguistic Fuzzy Rules by Using Estimation of Distribution Algorithms as the Search Engine in the COR Methodology. , 2006, , 259-280.		0
4477	Information Metabolism in the Framework of Exact Sciences. , 2007, , 170-215.		0
4479	A Risk Analytic Approach To Learning Engineering Economy. , 0, , .		1
4480	Dealing with Dialectics: Or Some Problems in Applying Expert Systems to Building Construction. , 1987, , .		0
4481	Klein Groups in Fuzzy Inference. , 1984, , .		2
4491	Neuro-Fuzzy System Modeling. , 0, , 147-175.		0
4494	A fuzzy logical model of letter identification.. Journal of Experimental Psychology: Human Perception and Performance, 1979, 5, 336-352.	0.9	44
4495	Fuzzy Decision Systems for Sustainable Tran Sport: Mapping the Future. SSRN Electronic Journal, 0, , .	0.4	0
4496	Three-Dimensional Expansion and Graphical Concept of Generalized Triangular Fuzzy Set. Journal of Mathematics, 2022, 2022, 1-11.	1.0	0
4497	A New Optimization Approach Based on Bipolar Type-2 Fuzzy Soft Sets. Journal of Function Spaces, 2022, 2022, 1-15.	0.9	1
4498	Design of interval type-2 fuzzy fractional order PID controller based on particle swarm optimization. Journal of Physics: Conference Series, 2022, 2258, 012063.	0.4	1
4499	Interval type-2 generalized fuzzy hyperbolic modelling and control of nonlinear systems. Applied Soft Computing Journal, 2022, 123, 108859.	7.2	9
4500	An Expanded Concept and Graph of Zadehâ€™s Algebraic Operations for 3-Dimensional Generalized Triangular Fuzzy Sets. Journal of Mathematics, 2022, 2022, 1-13.	1.0	0
4501	A Novel Approach of Linguistic Picture Fuzzy Dombi Heronian Mean Operators and their Application to Emergency Program Selection. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 445-472.	2.8	2
4502	FMEA Method Using Spherical Fuzzy Sets for Risk Analysis of the Tech Startup. Journal of Fuzzy Logic and Modeling in Engineering, 2022, 01, .	0.1	0
4503	A hesitant fuzzy linguistic bidirectional projection-regret decision making model. Computers and Industrial Engineering, 2022, 169, 108197.	6.3	6

#	Article	IF	Citations
4504	Classificador Neuro-nebuloso de Desempenho Escolar Usando o ANFIS com ImplementaÃ§Ã£o em R. , 2015, 1, .		0
4505	Fuzzy Reliability Calculation Method of Highway Alignment. Mathematical Problems in Engineering, 2022, 2022, 1-10.	1.1	0
4506	Extension of SIR method with interval type 2-hesitant fuzzy set to aggrandize industryâ€"university collaboration projects in South Korea. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 57-73.	4.9	2
4507	Multi-Criteria Analysis for Selecting the Optimum Chatbot for Customer Service Under Uncertainty: Framework, Insights, and Case Study. SSRN Electronic Journal, 0, , .	0.4	0
4508	A hesitant fuzzy SMART method based on a new score function for information literacy assessment of teachers. Economic Research-Ekonomska Istrazivanja, 2023, 36, 357-382.	4.7	4
4509	A 5S Lean Strategy for a Sustainable Welding Process. Sustainability, 2022, 14, 6499.	3.2	3
4510	Using an Integrated Consistent Fuzzy Preference Relations and Interval Type-2 Fuzzy Topsis Methodology for Personnel Selection and Promotion. WSEAS Transactions on Computers, 2022, 21, 158-164.	0.4	3
4511	Decomposition of Multiuniverse Fuzzy Truth Functions. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2001, 9, 623-643.	1.9	0
4514	A similarity measure-based Pythagorean fuzzy additive ratio assessment approach and its application to multi-criteria sustainable biomass crop selection. Applied Soft Computing Journal, 2022, 125, 109201.	7.2	26
4515	Linguistic q-rung orthopair fuzzy multiple-attribute group decision making based on the grey similarity degree and PROMETHEE II method. Journal of Intelligent and Fuzzy Systems, 2022, , 1-19.	1.4	2
4516	Interval Type-3 Fuzzy Control for Automated Tuning of Image Quality in Televisions. Axioms, 2022, 11, 276.	1.9	14
4519	Failure Mode and Effects Analysis (FMEA) using interval number based BWMâ€"MCDM approach: Risk Expected Value (REV) method. Soft Computing, 2022, 26, 12667-12688.	3.6	12
4520	A New Fuzzy Extension of the Simple WISP Method. Axioms, 2022, 11, 332.	1.9	3
4521	Prioritizing the glucose-lowering medicines for type 2 diabetes by an extended fuzzy decision-making approach with target-based attributes. Medical and Biological Engineering and Computing, 2022, 60, 2423-2444.	2.8	7
4522	Analysis of Fuzzy Time Series Forecasting for Migration Flows. Symmetry, 2022, 14, 1441.	2.2	0
4523	Interval type-2 fuzzy set based time series forecasting using a data-driven partitioning approach. Evolving Systems, 0, , .	3.9	2
4524	Type-2 Fuzzy Sets and Newtonâ€™s Fuzzy Potential in an Algorithm of Classification Objects of a Conceptual Space. Journal of Logic, Language and Information, 2022, 31, 389-408.	0.6	0
4525	Dombi operations for linguistic T-spherical fuzzy number: an approach for selection of the best variety of maize. Soft Computing, 2022, 26, 9083-9100.	3.6	14

#	ARTICLE	IF	CITATIONS
4526	Properties of Statistical Depth with Respect to Compact Convex Random Sets: The Tukey Depth. Mathematics, 2022, 10, 2758.	2.2	0
4527	Research on Hybrid Multi-Attribute Three-Way Group Decision Making Based on Improved VIKOR Model. Mathematics, 2022, 10, 2783.	2.2	7
4528	Robot Selection Using An Integrated MAGDM Model Based on ELECTRE Method and Linguistic q-Rung Orthopair Fuzzy Information. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	5
4530	Extension of GRA method for multiattribute group decision making problem under linguistic Pythagorean fuzzy setting with incomplete weight information. International Journal of Intelligent Systems, 2022, 37, 9726-9749.	5.7	13
4531	Uncertainty management with an autonomous approach to fuzzy set-covering facility location models. Journal of Intelligent and Fuzzy Systems, 2022, , 1-14.	1.4	0
4532	Density-based IFCM along with its interval valued and probabilistic extensions, and a review of intuitionistic fuzzy clustering methods. Artificial Intelligence Review, 2023, 56, 3755-3795.	15.7	2
4533	An Integrative Decision-Making Mechanism for Consumersâ€™ Brand Selection using 2-Tuple Fuzzy Linguistic Perceptions and Decision Heuristics. International Journal of Fuzzy Systems, 2023, 25, 59-79.	4.0	3
4534	Forecasting the COVID-19 with Interval Type-3 Fuzzy Logic and the Fractal Dimension. International Journal of Fuzzy Systems, 2023, 25, 182-197.	4.0	12
4535	Fabric Selection Based on Sine Trigonometric Aggregation Operators Under Pythagorean Fuzzy Uncertainty. Journal of Natural Fibers, 2022, 19, 13928-13942.	3.1	4
4536	Fuzzy TOPSIS framework for promoting winâ€"win project procurement negotiations. Frontiers in Psychology, 0, 13, .	2.1	1
4537	Aggregation Operators Based on Algebraic t-Norm and t-Conorm for Complex Linguistic Fuzzy Sets and Their Applications in Strategic Decision Making. Symmetry, 2022, 14, 1990.	2.2	1
4538	Some Trends inÂFuzzy Decision Making. Advances in Intelligent Systems and Computing, 2023, , 320-332.	0.6	1
4539	Development of a Fuzzy Diagnostic Model of Ischemic Disease of the Lower Limbs for Different Stages of Patient Management. Critical Reviews in Biomedical Engineering, 2022, 50, 13-30.	0.9	4
4540	Fuzzy Inverse Logic Method and Its Usage in the Design of Steel Truss System Elements Constructed with Steel Pipe Profiles. ALKÃœ Fen Bilimleri Dergisi, 0, , .	0.8	0
4541	Generalized Fuzzy Linguistic Bicubic B-Spline Surface Model for Uncertain Fuzzy Linguistic Data. Symmetry, 2022, 14, 2267.	2.2	0
4542	An integrated MULTIMOORA method with 2-tuple linguistic Fermatean fuzzy sets: Urban quality of life selection application. AIMS Mathematics, 2023, 8, 2798-2828.	1.6	8
4543	A new situation assessment method for aerial targets based on linguistic fuzzy sets and trapezium clouds. Engineering Applications of Artificial Intelligence, 2023, 117, 105610.	8.1	4
4544	The Extended Linguistic Hellwigâ€™s Methods Based on Oriented Fuzzy Numbers and Their Application to the Evaluation of Negotiation Offers. Entropy, 2022, 24, 1617.	2.2	3

#	Article	IF	Citations
4545	Extended <scp>PROMETHEE</scp> approach with 2‑tuple linguistic <i>m</i>‑polar fuzzy sets for selection of elliptical cardio machine. Expert Systems, 2023, 40, .	4.5	6
4546	Evaluation of Metaverse integration of freight fluidity measurement alternatives using fuzzy Dombi EDAS model. Computers and Industrial Engineering, 2022, 174, 108773.	6.3	47
4547	Spanish FDI in the European Union and Establishment Mode: An Analysis Form a Qualitative Comparative Perspective. , 2014, 7, 60-72.		0
4548	Linguistic Summaries for Dwellings Energy Poverty Monitoring. Lecture Notes in Networks and Systems, 2023, , 693-704.	0.7	1
4549	A method for solving interval type-2 triangular fuzzy bilevel linear programming problem. Yugoslav Journal of Operations Research, 2023, 33, 71-90.	0.8	1
4550	Fuzzy Theory in Fog Computing: Review, Taxonomy, and Open Issues. IEEE Access, 2022, 10, 126931-126956.	4.2	4
4551	Linguistic Interval-Valued Spherical Fuzzy Sets and Related Properties. Lecture Notes in Computer Science, 2022, , 26-36.	1.3	1
4552	Enhanced ELECTRE II method with 2-tuple linguistic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2083.svg" display="inline" id="d1e51933"><mml:mi>m</mml:mi></mml:math>-polar fuzzy sets for multi-criteria group decision making. Expert Systems With Applications, 2023, 213, 119237.	7.6	26
4553	A multi-enterprise quality function deployment paradigm with unstructured decision-making in linguistic contexts. Journal of Systems Engineering and Electronics, 2022, , 1-15.	2.2	0
4554	Self-Confidence Rationality Identification of Group Decision Making Based on Consensus Analysis. IEEE Transactions on Computational Social Systems, 2024, 11, 919-932.	4.4	0
4555	Shear strength estimations and shear designs on RC beams with limited ductility by FL and FIL methods. Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	0.0	1
4556	Tuning the Type-2 Fuzzy Controller for Active Control of Buildings Under Seismic Vibrations. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , .	1.9	0
4557	Sentiment analysis of vegan related tweets using mutual information for feature selection. PeerJ Computer Science, 0, 8, e1149.	4.5	6
4558	Adaptive Bezier Curve-based Membership Function formulation scheme for Interpretable Edge Detection. Applied Soft Computing Journal, 2023, 133, 109968.	7.2	2
4559	Development of a Fuzzy Inference System Based Rapid Visual Screening Method for Seismic Assessment of Buildings Presented on a Case Study of URM Buildings. Sustainability, 2022, 14, 16318.	3.2	7
4561	Cloud probability: A new uncertain model with fuzziness and randomness properties. Journal of Intelligent and Fuzzy Systems, 2023, 44, 6089-6102.	1.4	1
4562	LBP-Based CAD System Designs for Breast Tumor Characterization. EAI/Springer Innovations in Communication and Computing, 2023, , 231-257.	1.1	1
4563	Fuzzy Predictive Modeling for the Hierarchical Structure of Strategic Innovation Management. IEEE Transactions on Engineering Management, 2024, 71, 5304-5317.	3.5	3

#	ARTICLE	IF	CITATIONS
4564	An integrated decision support method for strategic planning and tactical management of regional biomass power plants under uncertainties. Journal of Cleaner Production, 2023, 388, 135968.	9.3	5
4565	Resilient sustainable investment in digital education technology: A stakeholder-centric decision support model under uncertainty. Technological Forecasting and Social Change, 2023, 188, 122282.	11.6	9
4566	Combining Fuzzy DEMATEL with FMCDM for Evaluation the Service Quality of Portal Website. , 2015, , .		0
4567	Color Aesthetics and Context-Dependency. , 2022, , .		0
4568	Two-Point Boundary Value Problems in the Quotient Space of Fuzzy Number. , 2022, , .		0
4570	A multiattribute group decision-making method based on a new aggregation operator and the means and variances of interval-valued intuitionistic fuzzy values. Scientific Reports, 2022, 12, .	3.3	3
4571	Definition of language and linguistics: basic competence. , 2020, 1, 1-12.		0
4572	(Î±,Î²)-INTERVAL VALUED INTUITIONISTIC FUZZY SETS DEFINED ON (Î±,Î²)-INTERVAL VALUED SET. Journal of Universal Mathematics, 0, , .	0.9	0
4573	Comparing a Fuzzy Hybrid Approach with Invariant MGCFA to Study National Identity. Applied Sciences (Switzerland), 2023, 13, 1657.	2.5	5
4574	Application of Cube IQ software and multicriteria optimization models for the selection of vehicles for the transport of goods in the Serbian Armed Forces. Military Technical Courier, 2023, 71, 257-295.	0.7	0
4575	Optimization configuration and application value assessment modeling of hybrid energy storage in the new power system with multi-flexible resources coupling. Journal of Energy Storage, 2023, 62, 106876.	8.1	8
4576	Alternative prioritization of freeway incident management using autonomous vehicles in mixed traffic using a type-2 neutrosophic number based decision support system. Engineering Applications of Artificial Intelligence, 2023, 123, 106183.	8.1	11
4578	A multi-criteria decision analysis model for selecting an optimum customer service chatbot under uncertainty. Decision Analytics Journal, 2023, 6, 100168.	4.8	5
4579	Type-2 Fuzzy Classifier withÂSmooth Type-Reduction. Lecture Notes in Computer Science, 2023, , 193-202.	1.3	0
4580	Supporting Complex Business Decisions with a Fuzzy Mobile Assistant. , 2014, 13, .		0
4581	The Î±-interval valued fuzzy sets defined on Î±-interval valued set. Thermal Science, 2022, 26, 665-679.	1.1	1
4582	On some fundamental properties of Î±-interval valued fuzzy subgroups. Thermal Science, 2022, 26, 681-693.	1.1	0
4583	Sustainability assessment of palm oil industry 4.0 technologies in a circular economy applications based on interval-valued Pythagorean fuzzy rough set-FWZIC and EDAS methods. Applied Soft Computing Journal, 2023, 136, 110073.	7.2	14

#	ARTICLE	IF	CITATIONS
4584	Fuzzy Decision Systems for Sustainable Transport: Mapping the Future. Transportation Research Record, 0, , 036119812211487.	1.9	0
4585	The Principle of Organization of Motivational Behavior and Automatic Goal Setting of Autonomous Intelligent Mobile Systems. Mekhatronika, Avtomatizatsiya, Upravlenie, 2023, 24, 75-84.	0.4	0
4586	Analyzing Healthcare and Wellness Products' Quality Embedded in Online Customer Reviews: Assessment with a Hybrid Fuzzy LMAW and Fermatean Fuzzy WASPAS Method. Sustainability, 2023, 15, 3428.	3.2	7
4587	Fuzzy Approach to Analysis of the Temporal Variability of the Vegetation in a Specific Area. Lecture Notes in Networks and Systems, 2023, , 354-363.	0.7	0
4588	Evaluation of metaverse integration alternatives of sharing economy in transportation using fuzzy Schweizer-Sklar based ordinal priority approach. Decision Support Systems, 2023, 171, 113944.	5.9	22
4589	Approximations of n-dimensional fuzzy numbers by using â€⁻â^'â€⁻ -knots piecewise linear fuzzy n-cell numbers. Fuzzy Sets and Systems, 2023, 467, 108494.	2.7	2
4591	Metaheuristic technique for solving fuzzy nonlinear equations. , 2023, , 85-94.		0
4592	The Paradigm of an Explainable Artificial Intelligence (XAI) and Data Science (DS)-Based Decision Support System (DSS). Studies in Computational Intelligence, 2023, , 167-209.	0.9	0
4593	Application of the Esscher Transform to Pricing Forward Contracts on Energy Markets in a Fuzzy Environment. Entropy, 2023, 25, 527.	2.2	2
4594	Multiâ€attribute group decisionâ€making based on linguistic Pythagorean fuzzy copula extended power average operator. Expert Systems, 2023, 40, .	4.5	1
4595	Fuzzy System Representations of Stochastic Systems. , 2023, , 563-592.		0
4596	A fuzzy value for the fuzzy TU-game based on the relative group marginal contribution of coalition with restricted size. Fuzzy Sets and Systems, 2023, 465, 108515.	2.7	1
4600	A New Multi-Attribute Decision Making Method for Overvalued Star Ratings Adjustment and Its Application in New Energy Vehicle Selection. Mathematics, 2023, 11, 2037.	2.2	3
4601	Modified new operations for triangular intuitionistic fuzzy numbers. Malaya Journal of Matematik, 2014, 2, 301-307.	0.2	2
4602	An integrated FMEA framework considering expert reliability for classification and its application in aircraft power supply system. Engineering Applications of Artificial Intelligence, 2023, 123, 106319.	8.1	7
4603	Hybrid computer aided diagnostic system designs for screen film mammograms using <scp>DL</scp>â€based feature extraction and <scp>ML</scp>â€based classifiers. Expert Systems, 0, , .	4.5	1
4604	An approach to linguistic q-rung orthopair fuzzy multi-attribute decision making with LINMAP based on Manhattan distance measure. Journal of Intelligent and Fuzzy Systems, 2023, 45, 1341-1355.	1.4	1
4605	Industrial and Management Applications of Type-2 Multi-Attribute Decision-Making Techniques Extended with Type-2 Fuzzy Sets from 2013 to 2022. Mathematics, 2023, 11, 2249.	2.2	4

#	Article	IF	Citations
4606	TOPSIS Method with Trapezoidal Bipolar Fuzzy Numbers. Forum for Interdisciplinary Mathematics, 2023, , 35-65.	1.6	0
4607	Three-way decisions with complex q-rung orthopair 2-tuple linguistic decision-theoretic rough sets based on generalized Maclaurin symmetric mean operators. AIMS Mathematics, 2023, 8, 17943-17980.	1.6	3
4608	Exponential information measures-driven Pythagorean fuzzy MADM method and its application to new energy battery supplier evaluation problem. Journal of Intelligent and Fuzzy Systems, 2023, 44, 9167-9182.	1.4	0
4609	An interaction and feedback mechanism-based group decision-making for emergency medical supplies supplier selection using T-spherical fuzzy information. Scientific Reports, 2023, 13, .	3.3	9
4610	Evaluation of the treatment options for COVID-19 patients using generalized hesitant fuzzy- multi criteria decision making techniques. Socio-Economic Planning Sciences, 2023, 88, 101614.	5.0	1
4611	Group decision-making method based on advanced aggregation operators with entropy and divergence measures under 2-tuple linguistic Pythagorean fuzzy environment. Expert Systems With Applications, 2023, 231, 120584.	7.6	6
4613	Evolution of Fuzzy Set Theory under Monotonic Constraints. , 2023, , .		0
4614	Cognitive Tools for Abstract Thinking Autonomous Intelligent Mobile Systems. Mekhatronika, Avtomatizatsiya, Upravlenie, 2023, 24, 317-326.	0.4	0
4616	From Fuzzy Optimization to Possibilistic-Probabilistic Optimization with Our Teacher Professor Lotfi Zadeh. Studies in Fuzziness and Soft Computing, 2023, , 23-44.	0.8	0
4617	Research and Analysis Criterion Quality of Service and Experience Multifractal Traffic Using Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2023, , 387-397.	0.8	1
4618	A Promising Approach For Decision Modeling With CODAS Method for the Confidence Levels 2-Tuple Linguistic Complex q-Rung Orthopair Fuzzy Information. IEEE Access, 2023, 11, 83414-83429.	4.2	1
4619	A survey of consensus in group decision making under the CWW environment. Applied Soft Computing Journal, 2023, 144, 110557.	7.2	2
4620	An integrated group decision-making technique under interval-valued probabilistic linguistic T-spherical fuzzy information and its application to the selection of cloud storage provider. AIMS Mathematics, 2023, 8, 20223-20253.	1.6	7
4621	Failure mode and effects analysis for submersible pump component using proportionate risk assessment model: a case study in the power plant of Agartala. International Journal of Systems Assurance Engineering and Management, 2023, 14, 1778-1798.	2.4	2
4622	Determining The Drying Rates of Fabrics with Different Knit Structures by Fuzzy Logic Method. International Journal of Computational and Experimental Science and Engineering, 0, , .	10.0	0
4623	Assessing impacts of sulfur deposition on aquatic ecosystems: A decision support system for the Southern Appalachians. Ecosphere, 2023, 14, .	2.2	2
4625	A robust algorithmic cum integrated approach of interval-valued fuzzy hypersoft set and OOPCS for real estate pursuit. PeerJ Computer Science, 0, 9, e1423.	4.5	1
4626	M-LAMAC: a model for linguistic assessment of mitigating and aggravating circumstances of criminal responsibility using computing with words. Artificial Intelligence and Law, 0, , .	4.0	2

#	Article	IF	Citations
4627	Extend Tversky's Ratio Model to an Asymmetric Similarity Measurement Model with Three Conditional Parameters: 3p-ASM Model. International Journal of Computational Intelligence Systems, 2023, 16, .	2.7	0
4628	The Application of Z-Numbers in Fuzzy Decision Making: The State of the Art. Information (Switzerland), 2023, 14, 400.	2.9	4
4629	Macro-environmental factors and their impact on startups from the perspective of developing countries. International Journal of Sustainable Engineering, 2023, 16, 166-183.	3.5	1
4630	An Interval Type-3 Fuzzy–Fractal Approach for Plant Monitoring. Axioms, 2023, 12, 741.	1.9	2
4631	A hybrid deep learning framework for automated visual image classification using EEG signals. Neural Computing and Applications, 2023, 35, 20989-21005.	5.6	1
4632	Autonomous data partitioning for type-2 fuzzy set based time series. Evolving Systems, 0, , .	3.9	0
4633	Mean–variance value at risk criterion for solving a p-median location problem on networks with type-2 intuitionistic fuzzy weights. Journal of Computational and Applied Mathematics, 2024, 437, 115481.	2.0	0
4634	System of linear fuzzy differential equations in the space of vector-valued linearly correlated fuzzy numbers. Fuzzy Sets and Systems, 2023, 471, 108672.	2.7	0
4635	A multi-criteria group decision-making method based on fuzzy rough number for optimal water supply strategy. Soft Computing, 0, , .	3.6	0
4636	Group decision making approach based on linguistic q-rung orthopair fuzzy generalized shapley bi-direction Choquet-copula operators. Granular Computing, 2023, 8, 1837-1856.	8.0	1
4637	The Inevitability of Vagueness in Fuzzy Logic. Lecture Notes in Computer Science, 2023, , 3-13.	1.3	0
4638	A new approach to sustainable logistic processes with q-rung orthopair fuzzy soft information aggregation. PeerJ Computer Science, 0, 9, e1527.	4.5	1
4639	Average consistency index based consensus model for a group decision making problem dealing with ELICIT expressions. Computers and Industrial Engineering, 2023, 184, 109511.	6.3	2
4641	Multi-attribute decision-making model based on regret theory and its application in selecting human resource service companies in the post-epidemic era. Information Sciences, 2023, 649, 119676.	6.9	0
4642	Urinary Metabolic Distinction of Niemann–Pick Class 1 Disease through the Use of Subgroup Discovery. Metabolites, 2023, 13, 1079.	2.9	0
4644	Using scoring functions in a group decision-making procedure with heterogeneous experts and qualitative assessments. International Journal of Approximate Reasoning, 2023, 161, 109004.	3.3	0
4645	A volunteer allocation optimization model in response to major natural disasters based on improved Dempster–Shafer theory. Expert Systems With Applications, 2024, 236, 121285.	7.6	4
4646	A First Evolutionary Fuzzy Approach for Change Mining with Smart Bands. Lecture Notes in Computer Science, 2023, , 171-181.	1.3	0

#	ARTICLE	IF	CITATIONS
4647	Inverter Control Scheme Based on Fuzzy Logic System with Tracking Differentiator for Wind Power Grid Integration. , 2023, , .		0
4648	Multi-criteria group decision-making based on spherical fuzzy rough numbers. Granular Computing, 2023, 8, 1267-1298.	8.0	7
4649	A novel modified Delphi-based spherical fuzzy AHP integrated spherical fuzzy CODAS methodology for vending machine location selection problem: a real-life case study in Ä°stanbul. Neural Computing and Applications, 0, , .	5.6	0
4650	Pythagorean fuzzy BÃ©zier modelling for treating uncertainty in spatial data sets. AIP Conference Proceedings, 2023, , .	0.4	0
4651	Visual image reconstruction based on EEG signals using a generative adversarial and deep fuzzy neural network. Biomedical Signal Processing and Control, 2024, 87, 105497.	5.7	0
4652	A Brief Analysis and Interpretation on Arithmetic Operations of Fuzzy Numbers. Results in Control and Optimization, 2023, 13, 100312.	2.3	2
4654	A new extension of fuzzy set and their applications to multi-attribute group decision making. , 2023, , .		0
4655	Introduction to Non-Convex Fuzzy Geometry. Fuzzy Sets and Systems, 2023, , 108758.	2.7	0
4656	An approach for 2-tuple linguistic q-rung orthopair fuzzy MAGDM for the evaluation of historical sites with power Heronian mean. Journal of Supercomputing, 0, , .	3.6	0
4657	Local Fuzzy Fractional Partial Differential Equations in the Realm of Fractal Calculus with Local Fractional Derivatives. Fractal and Fractional, 2023, 7, 851.	3.3	0
4658	Review of Type-3 Fuzzy Control. SpringerBriefs in Applied Sciences and Technology, 2023, , 17-27.	0.4	0
4659	Picture fuzzy reasoning full implication method and its application. Engineering Applications of Artificial Intelligence, 2024, 127, 107353.	8.1	0
4660	Type-3 Fuzzy Control. SpringerBriefs in Applied Sciences and Technology, 2023, , 1-4.	0.4	0
4661	Type-3 Fuzzy Theory. SpringerBriefs in Applied Sciences and Technology, 2023, , 5-15.	0.4	0
4662	Multiple-attribute group decision-making method of linguistic q-rung orthopair fuzzy generalized power average operator based on DEMATEL. Journal of Intelligent and Fuzzy Systems, 2023, , 1-20.	1.4	0
4663	Selection of a viable blockchain service provider for data management within the internet of medical things: An MCDM approach to Indian healthcare. Information Sciences, 2024, 657, 119890.	6.9	1
4664	Fuzzy Introductory Concepts. Studies in Computational Intelligence, 2023, , 57-82.	0.9	0
4665	Unifying Wearable Data: A Novel Architecture Integrating Fitbit Wristbands andÂSmartphones forÂEnhanced Data Availability andÂLinguistic Summaries. Lecture Notes in Networks and Systems, 2023, , 139-150.	0.7	0

#	Article	IF	Citations
4666	TOPSIS and ELECTRE-I Methods Under Multi-polar Fuzzy Linguistic Sets. Studies in Fuzziness and Soft Computing, 2023, , 83-155.	0.8	0
4667	Sustainability in mobility for autonomous vehicles over smart city evaluation; using interval-valued fermatean fuzzy rough set-based decision-making model. Engineering Applications of Artificial Intelligence, 2024, 129, 107609.	8.1	1
4668	Investigation of the Usability of the Fuzzy Logic Method in Determining the Strength Results of the Samples Created by Bitlis Region Ignimbrites. Osmaniye Korkut Ata Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 2023, 6, 1834-1850.	0.6	0
4669	Solve fuzzy nonlinear equations by using new conjugate gradient algorithm. AIP Conference Proceedings, 2023, , .	0.4	0
4670	A rigorous possibility approach for the geotechnical reliability assessment supported by external database and local experience. Computers and Geotechnics, 2024, 166, 105967.	4.7	1
4671	Weighted Bonferroni Aggregation Operators on Complex q-Rung Orthopair 2-Tuple Linguistic Variables With Application to Green Supply Chain Management. IEEE Access, 2023, 11, 139557-139574.	4.2	0
4672	The Ordered Weighted Average Sector Liquid Return Index: A Method for Determining Financial Recovery from Sectoral Debt. Mathematics, 2023, 11, 4839.	2.2	0
4673	Waste-to-energy incineration site selection framework based on heterogeneous fuzzy regret-PROMETHEE model considering life-cycle carbon emissions. Environmental Science and Pollution Research, 2024, 31, 3722-3744.	5.3	0
4675	Implementation of fuzzy simple additive weighting (Fuzzy-SAW) as decision support system for leave scheduling. AIP Conference Proceedings, 2023, , .	0.4	0
4676	Multi-Objective De Novo Programming with Type-2 Fuzzy Objective for Optimal System Design. Alphanumeric Journal, 2023, 11, 101-124.	0.7	0
4677	Solving Fuzzy Nonlinear Optimization Problems Using Null Set Concept. International Journal of Fuzzy Systems, 2024, 26, 674-685.	4.0	0
4678	Decision-Making Based on Fuzzy Linguistic Signatures. , 2023, , .		0
4679	Type - 2 mamdani fuzzy inference system based model for rainfall forecasting. Journal of Intelligent and Fuzzy Systems, 2024, 46, 4791-4802.	1.4	0
4680	SHARDAâ€"ARAS: A Methodology for Prioritising Project Managers in Sustainable Development. Mathematics, 2024, 12, 219.	2.2	0
4681	Development of a Maturity Assessment Model for Digital Twins in Battery Cell Industry. Procedia CIRP, 2023, 120, 946-951.	1.9	0
4682	Linguistic Interval-Valued Spherical Fuzzy Soft Set and Its Application in Decision Making. Applied Sciences (Switzerland), 2024, 14, 973.	2.5	0
4683	Assessment of suppliers through the resiliency and sustainability paradigms using a new MCDM model under interval type-2 fuzzy sets. Soft Computing, 0, , .	3.6	0
4684	An outranking method for optimizing anti-aircraft missile system with 2-tuple linguistic m-polar fuzzy data. Engineering Applications of Artificial Intelligence, 2024, 132, 107923.	8.1	1

#	ARTICLE	IF	CITATIONS
4686	Power Profile Smoothing of PV Power Plant with a Fuzzy Logic Controlled Battery Energy Storage System. , 2023, , .		0
4687	A novel approach for arithmetic operations and ranking of generalized fuzzy numbers with application. Decision Analytics Journal, 2024, 10, 100428.	4.8	0
4688	Arithmetic Operations on Generalized Trapezoidal Hesitant Fuzzy Numbers and Their Application to Solving Generalized Trapezoidal Hesitant Fully Fuzzy Equation. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2024, 32, 85-108.	1.9	0
4689	Application of fuzzy Z-Hesitant data information in fuzzy C-means clustering analysis. AIP Conference Proceedings, 2024, , .	0.4	0
4690	Dynamic nonlinear simplified neutrosophic sets for multiple-attribute group decision making. Heliyon, 2024, 10, e27493.	3.2	0
4691	Modeling uncertainties associated with multi-attribute decision-making based evaluation of cooling system using interval-valued complex intuitionistic fuzzy hypersoft settings. AIMS Mathematics, 2024, 9, 11396-11422.	1.6	0
4692	ANN prediction model of final construction cost at an early stage. Journal of Asian Architecture and Building Engineering, 0, , 1-25.	2.0	0
4693	Multiple-attribute group decision-making approach using power aggregation operators with CRITIC-WASPAS method under 2-dimensional linguistic intuitionistic fuzzy framework. Applied Soft Computing Journal, 2024, 157, 111466.	7.2	0