

# Similarity relations and fuzzy orderings

Information Sciences

3, 177-200

DOI: 10.1016/s0020-0255(71)80005-1

Citation Report

#	ARTICLE	IF	CITATIONS
1	On the mutual definability of fuzzy equivalence relations and fuzzy partitions. , 0, , .		13
2	Pattern recognition and quantitative political theory. , 1972, , .		1
3	Computer-aided analysis of radiographs. , 1972, , .		0
4	Commentary: Learning Techniques in System Design-A Brief Review. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1972, 5, 388-401.	0.4	0
5	A Fuzzy-Set-Theoretic Interpretation of Linguistic Hedges. Journal of Cybernetics, 1972, 2, 4-34.	0.3	863
6	Outline of a New Approach to the Analysis of Complex Systems and Decision Processes. IEEE Transactions on Systems, Man, and Cybernetics, 1973, SMC-3, 28-44.	0.9	6,768
7	Concept representation in natural and artificial languages: Axioms, extensions and applications for fuzzy sets. International Journal of Man-Machine Studies, 1974, 6, 513-561.	0.7	136
8	The shape-oriented dissimilarity of polygons and its application to the classification of chromosome images. Pattern Recognition, 1974, 6, 47-60.	8.1	41
9	Realizability of communication nets: An application of the Zadeh criterion. IEEE Transactions on Circuits and Systems, 1974, 21, 150-151.	0.9	4
10	FUZZY GRAPHS—The support of the Office of Computing Activities, National Science Foundation, under Grant GJ-32258X, is gratefully acknowledged, as is the help of Shelly Rowe in preparing this paper.. , 1975, , 77-95.		294
11	RT-3: The Second IFAC Round Table Discussion on Fuzzy Automata and Decision Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1975, 8, 748-756.	0.4	0
12	The concept of a linguistic variable and its application to approximate reasoning—II. Information Sciences, 1975, 8, 301-357.	6.9	2,251
13	Round table discussion on the estimation and control in fuzzy environments. Automatica, 1975, 11, 209-212.	5.0	9
14	The concept of a linguistic variable and its application to approximate reasoning-III. Information Sciences, 1975, 9, 43-80.	6.9	4,693
15	The concept of a linguistic variable and its application to approximate reasoning—I. Information Sciences, 1975, 8, 199-249.	6.9	10,321
16	FUZZY RELATIONS, FUZZY GRAPHS, AND THEIR APPLICATIONS TO CLUSTERING ANALYSIS**The research reported here is supported in part by the National Science Foundation under Grant No. GJ-31528.. , 1975, , 125-149.		112
17	CALCULUS OF FUZZY RESTRICTIONS. , 1975, , 1-39.		344
18	Fuzzy aspects of the parsimony problem in evolution. Mathematical Biosciences, 1975, 23, 305-327.	1.9	1

#	ARTICLE	IF	CITATIONS
19	FUZZY INTERPRETIVE STRUCTURAL MODELING. Journal of Cybernetics, 1976, 6, 189-211.	0.3	21
20	Mathematical model of information retrieval system based on the concept of Fuzzy thesaurus. Information Processing and Management, 1976, 12, 313-318.	8.6	68
21	Mae auf unscharfen Mengen. Zeitschrift F��r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1976, 36, 179-188.	0.8	27
22	Fuzzy Membership Mapped onto Intervals and Many-Valued Quantities. Zeitschrift F��r Mathematische Logik Und Grundlagen Der Mathematik, 1976, 22, 149-160.	0.2	269
23	Second IFAC round table on fuzzy automata and decision processes. Automatica, 1976, 12, 291-296.	5.0	5
24	An application of fuzzy sets to the classification of geometric figures and chromosome images. Information Sciences, 1976, 10, 95-114.	6.9	23
25	FUZZY GAMES IIM THE ANALYSIS OF OPTIONS. Journal of Cybernetics, 1976, 6, 213-221.	0.3	7
26	LEVEL FUZZY SETS. Journal of Cybernetics, 1977, 7, 189-198.	0.3	51
27	Systems methodology in sociology. International Journal of Systems Science, 1977, 8, 65-80.	5.5	3
28	A teaching system using fuzzy subsets and multicriteria analysis. International Journal of Mathematical Education in Science and Technology, 1977, 8, 203-217.	1.4	2
29	Fuzzy measures of preference and consensus in group decision-making. , 1977, , .		10
30	Towards continuous learning management in CAI. International Journal of Mathematical Education in Science and Technology, 1977, 8, 335-350.	1.4	2
31	Fuzzy set theory and its applications: A survey. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1977, 10, 247-259.	0.4	5
32	Fuzzy Sets and Their Application to Pattern Classification and Clustering Analysis. , 1977, , 251-299.		86
33	The fuzzy decade: a bibliography of fuzzy systems and closely related topics. International Journal of Man-Machine Studies, 1977, 9, 1-68.	0.7	126
34	Mathematical model of time-effective information retrieval system based on the theory of fuzzy sets. Information Processing and Management, 1977, 13, 109-116.	8.6	27
35	Methodological problems of measurement of fuzzy concepts in the social sciences. Systems Research and Behavioral Science, 1977, 22, 107-115.	0.2	53
36	Linguistic characterization of preference relations as a basis for choice in social systems. Erkenntnis, 1977, 11, 383-410.	0.9	13

#	ARTICLE	IF	CITATIONS
37	FUZZY SETS AND SPATIAL CHOICE— . Annals of the American Association of Geographers, 1978, 68, 196-204.	3.0	29
38	Fuzzy partitions and relations; an axiomatic basis for clustering. Fuzzy Sets and Systems, 1978, 1, 111-127.	2.7	304
39	Pattern classification problems and fuzzy sets. Fuzzy Sets and Systems, 1978, 1, 239-253.	2.7	192
40	A fuzzy relation space for group decision theory. Fuzzy Sets and Systems, 1978, 1, 255-268.	2.7	242
41	Fuzzy sets as a basis for a theory of possibility. Fuzzy Sets and Systems, 1978, 1, 3-28.	2.7	7,654
42	PRUF— a meaning representation language for natural languages. International Journal of Man-Machine Studies, 1978, 10, 395-460.	0.7	576
43	Linguistic models and fuzzy truths. International Journal of Man-Machine Studies, 1978, 10, 483-494.	0.7	16
44	Classification of the Keyhole Shaped Tombs by Template Matching Method. IEEE Transactions on Computers, 1978, C-27, 462-467.	3.4	8
45	Fuzzy Statistics and Forecast Evaluation. IEEE Transactions on Systems, Man, and Cybernetics, 1978, 8, 396-401.	0.9	30
46	Fuzzy sets, fuzzy algebra, and fuzzy statistics. Proceedings of the IEEE, 1978, 66, 1619-1639.	21.3	163
47	Fuzzy semantic network for a speech understanding system - an experimental study. , 0, , .		1
48	Arrow—s Impossibility Theorem: Some New Aspects. , 1978, , 215-225.		9
49	A survey of process control applications of fuzzy set theory. , 1978, , .		1
50	An Application of the Blin-Whinston Algorithm for Resolving Fuzzy Group Preferences. Management Science, 1979, 25, 159-170.	4.1	2
51	Fuzzy relation spaces for group decision theory: An application. Fuzzy Sets and Systems, 1979, 2, 5-14.	2.7	91
52	Fuzzy elements. Computers and Structures, 1979, 10, 863-865.	4.4	0
53	Fuzzy set theoretical approach to document retrieval. Information Processing and Management, 1979, 15, 247-259.	8.6	118
54	Conflict Patterns and Compromise Solutions in Fuzzy Choice Theory. Journal of Peace Science, 1979, 4, 67-90.	0.5	7

#	ARTICLE	IF	CITATIONS
55	Neural languages. Fuzzy Sets and Systems, 1980, 3, 11-35.	2.7	11
56	Generalized fuzzy matrices. Fuzzy Sets and Systems, 1980, 4, 293-315.	2.7	142
57	Fuzzy processes. Fuzzy Sets and Systems, 1980, 4, 117-152.	2.7	73
58	Fuzzy power sets and fuzzy implication operators. Fuzzy Sets and Systems, 1980, 4, 13-30.	2.7	415
59	A structural approach of pattern recognition. Signal Processing, 1980, 2, 5-22.	3.7	8
60	A Linguistic Approach to Decisionmaking with Fuzzy Sets. IEEE Transactions on Systems, Man, and Cybernetics, 1980, 10, 716-723.	0.9	231
61	Fuzzy Relations. Mathematics in Science and Engineering, 1980, , 68-94.	0.1	0
62	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
63	Additions of interactive fuzzy numbers. IEEE Transactions on Automatic Control, 1981, 26, 926-936.	5.7	251
64	A MODEL OF A DOCUMENT RETRIEVAL SYSTEM BASED ON THE CONCEPT OF A SEMANTIC DISJUNCTIVE NORMAL FORM. Kybernetes, 1981, 10, 35-42.	2.2	8
65	Fuzzy sets and their operations, II. Information and Control, 1981, 50, 160-174.	1.1	37
66	Outline of a fuzzy logic approach to information retrieval. International Journal of Man-Machine Studies, 1981, 14, 169-178.	0.7	17
67	Approaches to collective decision making with fuzzy preference relations. Fuzzy Sets and Systems, 1981, 6, 249-259.	2.7	317
68	On the inclusiveness of information retrieval systems with documents indexed by weighted descriptors. Fuzzy Sets and Systems, 1981, 5, 159-176.	2.7	14
69	Semantics and pragmatics of fuzzy sets and systems. Fuzzy Sets and Systems, 1981, 6, 119-143.	2.7	7
70	Structure of fuzzy binary relations. Fuzzy Sets and Systems, 1981, 6, 169-195.	2.7	149
71	Representation theorems for L-fuzzy quantities. Fuzzy Sets and Systems, 1981, 5, 83-107.	2.7	49
72	Failure diagnosis and decision making in industrial processes: A fuzzy set application. , 1981, , .		1

#	ARTICLE	IF	CITATIONS
73	SOME PROPERTIES OF FUZZY RELATIONSHIPS. Cybernetics and Systems, 1981, 12, 123-140.	2.5	6
74	NOTE ON THE ARITHMETIC RULE BY ZADEH FOR FUZZY CONDITIONAL INFERENCE. Cybernetics and Systems, 1981, 12, 247-306.	2.5	49
75	MEASURING TRANQUILITY AND ANXIETY IN DECISION MAKING: AN APPLICATION OF FUZZY SETS. International Journal of General Systems, 1982, 8, 139-146.	2.5	152
76	Fuzzy Probabilities and Their Role in Decision Analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1982, 15, 15-21.	0.4	11
77	Application of Fuzzy Set for Recognition of Handwritten English Characters. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1982, 15, 439-443.	0.4	1
78	20 A unifying viewpoint on pattern recognition. Handbook of Statistics, 1982, 2, 451-477.	0.6	1
79	How many are a few?. Mathematical Intelligencer, 1982, 4, 139-143.	0.2	5
80	Reduction of a fuzzy retrieval model. Information Sciences, 1982, 27, 133-140.	6.9	4
81	Ranking Fuzzy Sets: A Decision Theoretic Approach. IEEE Transactions on Systems, Man, and Cybernetics, 1982, 12, 655-659.	0.9	16
82	Reduction of a nilpotent fuzzy matrix. Information Sciences, 1982, 27, 233-243.	6.9	22
83	Towards fuzzy differential calculus part 2: Integration on fuzzy intervals. Fuzzy Sets and Systems, 1982, 8, 105-116.	2.7	132
84	Reconstruction of possibilistic behavior systems. Fuzzy Sets and Systems, 1982, 8, 175-197.	2.7	26
85	A fuzzy representation of data for relational databases. Fuzzy Sets and Systems, 1982, 7, 213-226.	2.7	550
86	A transfer algorithm for hierarchical clustering. Mathematical Social Sciences, 1982, 2, 189-197.	0.5	0
87	Considerations on the similarity measures between index terms. Information Processing Letters, 1983, 16, 243-246.	0.6	0
88	Problemas de decision en ambiente difuso. Trabajos De Estadística Y De Investigación Operativa, 1983, 34, 68-78.	0.1	1
89	The application of Fuzzy set theory to the modeling of competition in ecological systems. Fuzzy Sets and Systems, 1983, 9, 103-127.	2.7	22
90	Convergence of powers of a fuzzy transitive matrix. Fuzzy Sets and Systems, 1983, 9, 153-160.	2.7	67

#	ARTICLE	IF	CITATIONS
91	Canonical form of a transitive fuzzy matrix. Fuzzy Sets and Systems, 1983, 11, 157-162.	2.7	54
92	On fuzzy equivalence I. Fuzzy Sets and Systems, 1983, 11, 185-193.	2.7	32
93	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
94	Szpilrajn's theorem on fuzzy orderings. Fuzzy Sets and Systems, 1983, 10, 101-108.	2.7	32
95	A theoretical background for applying fuzzy set theory in information retrieval. Fuzzy Sets and Systems, 1983, 10, 169-183.	2.7	7
96	Measurement and valuation of a fuzzy mathematical model for medical diagnosis. Fuzzy Sets and Systems, 1983, 10, 223-242.	2.7	54
97	Ranking fuzzy numbers in the setting of possibility theory. Information Sciences, 1983, 30, 183-224.	6.9	791
98	On the implication operator in fuzzy logic. Information Sciences, 1983, 31, 141-164.	6.9	61
99	Generalized Boolean methods of information retrieval. International Journal of Man-Machine Studies, 1983, 18, 407-439.	0.7	32
100	Classic: A hierarchical clustering algorithm based on asymmetric similarities. Pattern Recognition, 1983, 16, 201-211.	8.1	19
101	Completion of L-fuzzy relations. Journal of Mathematical Analysis and Applications, 1983, 94, 312-327.	1.0	6
102	A computational approach to fuzzy quantifiers in natural languages. Computers and Mathematics With Applications, 1983, 9, 149-184.	2.7	1,536
103	A Fuzzy Set Approach to Aggregating Internal Control Judgments. Management Science, 1983, 29, 317-334.	4.1	18
104	Applications of fuzzy languages and pictorial databases to decision support systems design. , 1983, , .		0
105	Embedding a Fuzzy Ordering Into a Fuzzy-Linear Fuzzy Ordering (Szpilrajn-Marczewski-Like Theorems). IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 123-127.	0.4	3
106	A Clustering Method for a Fuzzy Digraph Based on Connectedness and its Application to Instructional Evaluation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 163-168.	0.4	1
107	Fuzzy Choice Functions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 369-374.	0.4	1
108	Extension of the Fuzzy Database with Fuzzy Arithmetic. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 421-426.	0.4	3

#	ARTICLE	IF	CITATIONS
109	A COMPUTATIONAL APPROACH TO FUZZY QUANTIFIERS IN NATURAL LANGUAGESâ€œResearch supported in part by the NSF Grants IST-8018196 and MCS79â€œ06543.. , 1983, , 149-184.		21
110	Fuzzy Set Theory: Some Aspects of the Early Development. , 1984, , 13-29.		6
111	A review of the fundamental concepts of measurement. Measurement: Journal of the International Measurement Confederation, 1984, 2, 25-34.	5.0	108
112	Fuzzy approach in psychophysical modeling of human operator-manual lifting system. Fuzzy Sets and Systems, 1984, 14, 65-76.	2.7	20
113	Subinverses of fuzzy matrices. Fuzzy Sets and Systems, 1984, 12, 155-168.	2.7	16
114	On similarity relations in fuzzy relational databases. Fuzzy Sets and Systems, 1984, 12, 231-235.	2.7	25
115	A review of fuzzy clustering methods. Advances in Engineering Software (1978), 1984, 6, 189-191.	0.1	2
116	Fuzzy probabilities. Information Processing and Management, 1984, 20, 363-372.	8.6	118
117	A data converter for analog/fuzzyâ€œlogic interface. Electronics and Communications in Japan, 1984, 67, 106-111.	0.1	6
118	Extending the fuzzy database with fuzzy numbers. Information Sciences, 1984, 34, 145-155.	6.9	64
119	Use of fuzzy set theory and spline techniques for pattern recognition and scene analysis. Photogrammetria, 1984, 39, 241-262.	0.2	1
120	Transitive reduction of a nilpotent boolean matrix. Discrete Applied Mathematics, 1984, 8, 51-61.	0.9	1
121	Guest Editorials. Environment and Planning A, 1985, 17, 581-584.	3.6	0
122	On fuzzy tree definition. European Journal of Operational Research, 1985, 22, 243-249.	5.7	22
123	Explanatory models in expert systems. International Journal of Man-Machine Studies, 1985, 23, 539-549.	0.7	15
124	Transitivity of generalized fuzzy matrices. Fuzzy Sets and Systems, 1985, 17, 83-90.	2.7	40
125	Reduction of fuzzy strict order relations. Fuzzy Sets and Systems, 1985, 15, 33-44.	2.7	11
126	Fuzzy cardinality and the modeling of imprecise quantification. Fuzzy Sets and Systems, 1985, 16, 199-230.	2.7	175



#	ARTICLE	IF	CITATIONS
127	Studies in possibilistic recognition. Fuzzy Sets and Systems, 1985, 17, 167-179.	2.7	9
128	Fuzzy relations and fuzzy groups. Information Sciences, 1985, 36, 267-282.	6.9	48
129	Partial ordering in L-underdeterminate sets. Information Sciences, 1985, 35, 133-144.	6.9	57
130	Uncertainty models in information and database systems. Journal of Information Science, 1985, 11, 77-87.	3.3	63
131	Decomposition of Fuzzy Matrices. SIAM Journal on Algebraic and Discrete Methods, 1985, 6, 32-38.	0.8	19
132	On the structure of F-indistinguishability operators. Fuzzy Sets and Systems, 1985, 17, 313-328.	2.7	366
133	Partitions and fuzziness. Journal of Mathematical Analysis and Applications, 1986, 116, 166-183.	1.0	9
134	Transitive closures of fuzzy thesauri for information-retrieval systems. International Journal of Man-Machine Studies, 1986, 25, 343-356.	0.7	33
135	A fuzzy expert system. Fuzzy Sets and Systems, 1986, 20, 1-16.	2.7	100
136	Some problems on the definition of fuzzy preference relations. Fuzzy Sets and Systems, 1986, 20, 45-53.	2.7	42
137	Preference relations on a set of fuzzy utilities as a basis for decision making. Fuzzy Sets and Systems, 1986, 20, 147-162.	2.7	219
138	Fuzzy entropy and conditioning. Information Sciences, 1986, 40, 165-174.	6.9	500
139	Decisioni di gruppo e consenso: Un modello nell'ambito della teoria degli insiemi sfocati. Decisions in Economics and Finance, 1986, 9, 53-61.	1.8	1
140	Feature Extraction Methods for Character Recognition. IETE Technical Review (Institution of Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.2	26
141	POOL: A Semantic Model for Approximate Reasoning and Its Application in Decision Support. Journal of Management Information Systems, 1987, 3, 65-78.	4.3	35
142	The mean value of a fuzzy number. Fuzzy Sets and Systems, 1987, 24, 279-300.	2.7	645
143	Canonical form of a strongly transitive fuzzy matrix. Fuzzy Sets and Systems, 1987, 22, 297-302.	2.7	18
144	Fuzzy antisymmetry and order. Fuzzy Sets and Systems, 1987, 21, 169-182.	2.7	11

#	ARTICLE	IF	CITATIONS
145	On ranking fuzzy sets. Fuzzy Sets and Systems, 1987, 24, 113-116.	2.7	17
146	Some remarks on fuzzy graphs. Pattern Recognition Letters, 1987, 6, 297-302.	4.2	318
147	A general approach to parameter evaluation in fuzzy digital pictures. Pattern Recognition Letters, 1987, 6, 251-259.	4.2	92
148	A procedure for ranking fuzzy numbers using fuzzy relations. Fuzzy Sets and Systems, 1988, 26, 49-62.	2.7	130
149	A necessary and sufficient condition for the existence of Orlovsky's choice set. Fuzzy Sets and Systems, 1988, 26, 121-125.	2.7	30
150	An interactive outranking system for multiattribute decision making. Computers and Operations Research, 1988, 15, 311-322.	4.0	13
151	Echocardiogram analysis using fuzzy sets and relations. Fuzzy Sets and Systems, 1988, 26, 39-48.	2.7	10
152	Fuzzy mathematical models in economics. Fuzzy Sets and Systems, 1988, 28, 273-283.	2.7	49
153	Quotients with respect to similarity relations. Fuzzy Sets and Systems, 1988, 27, 31-44.	2.7	113
154	Special properties, closures and interiors of crisp and fuzzy relations. Fuzzy Sets and Systems, 1988, 26, 317-331.	2.7	109
155	Incomplete conjunctive information. Computers and Mathematics With Applications, 1988, 15, 797-810.	2.7	43
156	New results in fuzzy clustering based on the concept of indistinguishability relation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1988, 10, 754-757.	13.9	21
157	The Methods and Problems of Cluster Analysis. , 1988, , 447-473.		165
158	Systolic VLSI array for fuzzy logic in expert systems. , 1988, , .		2
159	Approximate spatial reasoning. , 1988, , .		12
160	Origin, Structure and Function of Fuzzy Beliefs. Advances in Psychology, 1988, 56, 265-295.	0.1	1
161	DECOMPOSITION PROBLEM OF FUZZY RELATIONS—FURTHER RESULTS. International Journal of General Systems, 1988, 14, 307-315.	2.5	9
162	The propagation of parameter uncertainties in radiological assessment models. Journal of Radiological Protection, 1989, 9, 271-280.	1.1	1

#	ARTICLE	IF	CITATIONS
163	Information co-modelling of a network of research institutions. <i>Scientometrics</i> , 1989, 15, 59-71.	3.0	1
164	Applicability of some fuzzy implication operators. <i>Fuzzy Sets and Systems</i> , 1989, 31, 151-186.	2.7	85
165	A domain calculus for fuzzy relational databases. <i>Fuzzy Sets and Systems</i> , 1989, 29, 327-340.	2.7	38
166	Pool2: a generic system for cognitive map development and decision analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1989, 19, 31-39.	0.9	152
167	Presumption and prejudice in logical inference. <i>International Journal of Approximate Reasoning</i> , 1989, 3, 359-382.	3.3	21
168	On nearness measures in fuzzy relational data models. <i>International Journal of Approximate Reasoning</i> , 1989, 3, 267-298.	3.3	87
169	Group decision theory with convex combination of fuzzy evaluations. <i>Mathematical and Computer Modelling</i> , 1989, 12, 1335-1346.	2.0	2
170	Fuzzy sets, probability and measurement. <i>European Journal of Operational Research</i> , 1989, 40, 135-154.	5.7	186
171	Transitive fuzzy orderings of fuzzy numbers. <i>Fuzzy Sets and Systems</i> , 1989, 30, 283-295.	2.7	19
172	Fuzzy equivalence relations. <i>Fuzzy Sets and Systems</i> , 1989, 30, 155-163.	2.7	79
173	Transitivity of fuzzy matrices under generalized connectedness. <i>Fuzzy Sets and Systems</i> , 1989, 29, 229-234.	2.7	5
174	Proximity relations in the fuzzy relational database model. <i>Fuzzy Sets and Systems</i> , 1989, 31, 285-296.	2.7	121
175	A game theoretic approach with risk assessment for international conflict solving. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1990, 20, 141-148.	0.9	6
176	Fuzzy logic in control systems: fuzzy logic controller. I. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1990, 20, 404-418.	0.9	4,650
177	Generalizing the Dempster-Schafer theory to fuzzy sets. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1990, 20, 559-570.	0.9	215
178	Some dissenting views on the transitivity of individual preference. <i>Annals of Operations Research</i> , 1990, 23, 279-288.	4.1	11
179	Similarity relations - the calculation of minimal generating families. <i>Fuzzy Sets and Systems</i> , 1990, 35, 151-162.	2.7	29
180	An extended version of the fuzzy relational database model. <i>Information Sciences</i> , 1990, 52, 35-52.	6.9	47

#	ARTICLE	IF	CITATIONS
181	Scalar evaluations of fuzzy sets: overview and applications. Applied Mathematics Letters, 1990, 3, 37-42.	2.7	21
182	Fuzzy sets in pattern recognition: Methodology and methods. Pattern Recognition, 1990, 23, 121-146.	8.1	317
183	A new model of fuzzy reasoning. Fuzzy Sets and Systems, 1990, 36, 311-325.	2.7	44
184	Measuring properties of fuzzy sets: A general technique and its use in fuzzy query evaluation. Fuzzy Sets and Systems, 1990, 38, 137-152.	2.7	51
185	Network data models for representation of uncertainty. Fuzzy Sets and Systems, 1990, 38, 171-190.	2.7	6
186	Information retrieval based on fuzzy associations. Fuzzy Sets and Systems, 1990, 38, 191-205.	2.7	54
187	Fuzzy algorithms for planning the maintenance of large systems with insufficient resources. International Journal of Systems Science, 1990, 21, 2199-2208.	5.5	5
188	ON TRANSITIVE SOLUTIONS OF $\lambda$ -FUZZY RELATION EQUATIONS DESCRIBING FUZZY SYSTEMS. International Journal of General Systems, 1990, 17, 277-288.	2.5	6
190	Representing imprecise information in NF/sup 2/ relations. , 0, , .		1
191	Topological soft algebra for the S5-modal fuzzy logic. , 0, , .		3
192	Representation and support generation in fuzzy relational databases. , 0, , .		1
193	Semantic vs. structural resemblance of classes. SIGMOD Record, 1991, 20, 59-63.	1.2	80
194	Algebraic analysis of fuzzy indiscernibility. , 1990, , 143-153.		1
195	Measurement of membership functions and their acquisition. Fuzzy Sets and Systems, 1991, 40, 5-38.	2.7	312
196	Similarity relations, fuzzy partitions, and fuzzy orderings. Fuzzy Sets and Systems, 1991, 40, 107-126.	2.7	140
197	Criteria for evaluating fuzzy ranking methods. Fuzzy Sets and Systems, 1991, 43, 139-157.	2.7	183
198	On probabilities induced by multi-valued mappings. Fuzzy Sets and Systems, 1991, 42, 301-314.	2.7	3
199	Approximate reasoning by analogy to answer null queries. International Journal of Approximate Reasoning, 1991, 5, 373-398.	3.3	20

#	ARTICLE	IF	CITATIONS
200	Fuzzy relations and fuzzy relational databases. Computers and Mathematics With Applications, 1991, 21, 129-138.	2.7	7
201	An algorithm to compute the supremum of max-min powers and a property of fuzzy graphs. Pattern Recognition Letters, 1991, 12, 413-420.	4.2	45
202	On the comparison of inexact measurement results. Measurement: Journal of the International Measurement Confederation, 1991, 9, 157-162.	5.0	2
203	A discrete method for studying indifference and order relations between fuzzy numbers. Information Sciences, 1991, 56, 245-258.	6.9	15
204	Fuzzy relations on rings and groups. Fuzzy Sets and Systems, 1991, 43, 117-123.	2.7	11
205	Connectives and quantifiers in fuzzy sets. Fuzzy Sets and Systems, 1991, 40, 39-75.	2.7	308
206	The duality principle in fuzzy set theory. Fuzzy Sets and Systems, 1991, 42, 133-144.	2.7	9
207	A logic for fuzzy data analysis. Fuzzy Sets and Systems, 1991, 39, 127-132.	2.7	51
208	A note on fuzzy relations and fuzzy groups. Information Sciences, 1991, 56, 193-198.	6.9	2
209	Aggregation of preferences: The fuzzy case. Theory and Decision, 1991, 30, 51-93.	1.0	27
210	Fuzzy choice functions. Social Choice and Welfare, 1991, 8, 171.	0.8	30
211	SIMILARITY BASED SPECIFICITY MEASURES. International Journal of General Systems, 1991, 19, 91-105.	2.5	24
212	A walk through fuzzy relations and their application to information retrieval, medical diagnosis and expert systems. , 0, , .		1
213	Transitive solutions of relational equations on finite sets and linear lattices. Lecture Notes in Computer Science, 1991, , 173-182.	1.3	9
214	A Fuzzy Set Model of NATO Decision-Making: The Case of Short-Range Nuclear Forces in Europe. Journal of Peace Research, 1992, 29, 271-285.	2.9	13
215	Putting Rough Sets and Fuzzy Sets Together. , 1992, , 203-232.		428
216	Fuzzy cluster analysis for multi-antecedent rule base restructuring based on S-implication. , 0, , .		1
217	On a logic based on fuzzy modalities. , 0, , .		5

#	ARTICLE	IF	CITATIONS
218	Using multiple sources of information to recognize and classify objects. Stochastic Analysis and Applications, 1992, 10, 573-589.	1.5	1
219	A method for area decomposition of power systems. , 0, , .		1
220	Efficient detection of potential inconsistency in taxonomic knowledge with uncertainty. , 0, , .		0
221	ENTROPY MEASURES UNDER SIMILARITY RELATIONS. International Journal of General Systems, 1992, 20, 341-358.	2.5	55
222	Fuzzy information systems. , 0, , .		2
223	Computing with uncertainty. , 1992, 30, 24-36.		42
225	A COMPLEMENTARY TOOL TO WATER QUALITY INDEX: FUZZY CLUSTERING ANALYSIS. Journal of the American Water Resources Association, 1992, 28, 525-533.	2.4	39
226	A generalization of the representation theorem. Fuzzy Sets and Systems, 1992, 51, 309-311.	2.7	45
227	Fuzzy ordered sets. Fuzzy Sets and Systems, 1992, 46, 221-226.	2.7	34
228	Fuzzy equivalence and the resulting topology. Fuzzy Sets and Systems, 1992, 46, 237-243.	2.7	3
229	Possibility theory: An integral theoretic approach. Fuzzy Sets and Systems, 1992, 46, 287-299.	2.7	32
230	System identification based on linguistic variables. Fuzzy Sets and Systems, 1992, 47, 141-149.	2.7	8
231	q-similitudes and q-fuzzy partitions. Fuzzy Sets and Systems, 1992, 51, 195-202.	2.7	16
232	Equations of fuzzy relations defined on fuzzy subsets. Fuzzy Sets and Systems, 1992, 52, 319-336.	2.7	5
233	Fuzzy inference and its applicability to control systems. Fuzzy Sets and Systems, 1992, 48, 99-111.	2.7	21
234	Representations of fuzzy relations with an application to group decision making. Fuzzy Sets and Systems, 1992, 49, 143-150.	2.7	0
235	Investigations on the applicability of fuzzy inference. Fuzzy Sets and Systems, 1992, 49, 151-169.	2.7	30
236	A parallel cost-optimal algorithm to compute the supremum of max-min powers. Parallel Computing, 1992, 18, 551-556.	2.1	0

#	ARTICLE	IF	CITATIONS
237	From fuzzy set theory to non-additive probabilities: How have economists reacted?. Fuzzy Sets and Systems, 1992, 49, 75-90.	2.7	16
238	On a KTB-modal fuzzy logic. Fuzzy Sets and Systems, 1992, 45, 327-334.	2.7	19
239	On the specificity of a possibility distribution. Fuzzy Sets and Systems, 1992, 50, 279-292.	2.7	181
240	Fuzzy congruences and fuzzy normal subgroups. Information Sciences, 1992, 60, 247-259.	6.9	36
241	Normality and congruence in fuzzy subgroups. Information Sciences, 1992, 59, 121-129.	6.9	12
242	Fuzzy sets and applications: Selected papers by L.A. Zadeh. Artificial Intelligence, 1993, 61, 351-358.	5.8	0
243	Classification of fuzzy subgroupoids of a group (I). Information Sciences, 1993, 73, 57-76.	6.9	3
244	A new approach to the similarity relations in the fuzzy set theory. Information Sciences, 1993, 75, 213-221.	6.9	4
245	Fuzzy partitions and fuzzy-quotient rings. Fuzzy Sets and Systems, 1993, 54, 57-62.	2.7	5
246	Rule base reorganization and search with a fuzzy cluster analysis. International Journal of Approximate Reasoning, 1993, 9, 167-196.	3.3	1
247	A survey of fuzzy clustering. Mathematical and Computer Modelling, 1993, 18, 1-16.	2.0	396
248	Fuzzy clustering analysis in environmental impact assessment ? A complement tool to environmental quality index. Environmental Monitoring and Assessment, 1993, 28, 1-14.	2.7	4
249	Retrieving information by fuzzification of queries. Journal of Intelligent Information Systems, 1993, 2, 421-441.	3.9	11
250	The use of fuzzy relational thesauri for classificatory problem solving in information retrieval and expert systems. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 31-41.	0.9	45
251	Counting the number of classes in a fuzzy set. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 257-264.	0.9	15
252	Element selection from a fuzzy subset using the fuzzy integral. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 467-477.	0.9	41
253	Fuzzy qualitative simulation. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 1038-1061.	0.9	177
254	On reduction of transitive fuzzy matrices and its applications. International Journal of Approximate Reasoning, 1993, 9, 249-261.	3.3	2

#	ARTICLE	IF	CITATIONS
255	On the issue of defuzzification and selection based on a fuzzy set. Fuzzy Sets and Systems, 1993, 55, 255-271.	2.7	172
256	Similarity, interpolation, and fuzzy rule construction. Fuzzy Sets and Systems, 1993, 58, 73-86.	2.7	63
257	Effective algorithms for the nearest neighbor method in the clustering problem. Pattern Recognition, 1993, 26, 741-746.	8.1	31
258	Classification of fuzzy subgroupoids of a group (II). Information Sciences, 1993, 73, 77-91.	6.9	2
259	A Review of Probabilistic, Fuzzy, and Neural Models for Pattern Recognition. Journal of Intelligent and Fuzzy Systems, 1993, 1, 1-25.	1.4	54
261	An approach to module binding by fuzzy partitioning. , 0, , .		0
262	An integrity constraint for a fuzzy relational database. , 0, , .		7
263	VSOP fuzzy numbers and fuzzy comparison relations. , 0, , .		2
264	On fuzzy temporal logic. , 0, , .		12
265	Entropy of similarity relations in questionnaires and decision trees. , 0, , .		10
266	Qualitative pattern analysis for industrial quality assurance. , 0, , .		4
267	Fuzzy database language and library-fuzzy extension to SQL. , 0, , .		20
268	FUZZY NUMBERS: AN OVERVIEW. , 1993, , 112-148.		90
269	On the specificity of a possibility distribution. , 1993, , 203-216.		106
270	FUZZY SETS. , 1993, , 27-64.		3
271	Basic Notions in Fuzzy Set Theory. , 1993, , 21-26.		0
272	Fuzzy control of a flexible link manipulator. , 0, , .		15
273	Bipolar qualitative/quantitative models for cognitive modeling and multiagent decision analysis. , 0, , .		0



#	ARTICLE	IF	CITATIONS
274	SENSITIVITY ANALYSIS OF FUZZY SQUARE TRANSITIVE MATRICES AND THEIR APPLICATIONS. International Journal of General Systems, 1994, 22, 353-367.	2.5	1
275	A fuzzy scheme for enterprise modeling. , 0, , .		0
276	Fuzzy extension of inheritance hierarchies. Fuzzy Sets and Systems, 1994, 62, 143-153.	2.7	17
277	Fuzzy rationality measures. Fuzzy Sets and Systems, 1994, 62, 39-54.	2.7	67
278	H-fuzzy relations (II): A topological universe viewpoint. Fuzzy Sets and Systems, 1994, 63, 73-79.	2.7	0
279	A fuzzy R1 separation axiom. Information Sciences, 1994, 79, 293-313.	6.9	1
280	Fuzzy relational algebra for possibility-distribution-fuzzy-relational model of fuzzy data. Journal of Intelligent Information Systems, 1994, 3, 7-27.	3.9	122
281	Inference and retrieval of facial images. Multimedia Systems, 1994, 2, 1-14.	4.7	27
282	Gefred: A generalized model of Fuzzy Relational Databases. Information Sciences, 1994, 76, 87-109.	6.9	153
283	Towards a theory of fuzzy causality for diagnosis. Information Sciences, 1994, 80, 195-211.	6.9	5
284	Fuzzy-quotient groups. Information Sciences, 1994, 81, 177-191.	6.9	7
285	A modified measure for fuzzy subsethood. Information Sciences, 1994, 79, 223-232.	6.9	10
286	Relating and extending semantical approaches to possibilistic reasoning. International Journal of Approximate Reasoning, 1994, 10, 311-344.	3.3	31
287	Fuzzy partially ordered fuzzy subgroups. Fuzzy Sets and Systems, 1994, 67, 191-198.	2.7	4
288	Hyperspace fuzzy binary relations. Fuzzy Sets and Systems, 1994, 67, 221-237.	2.7	12
289	The cutting of compositions. Fuzzy Sets and Systems, 1994, 62, 295-309.	2.7	33
290	Interactive support for fuzzy trade-off evaluation in group decision making. Fuzzy Sets and Systems, 1994, 68, 309-325.	2.7	18
291	H-fuzzy relations (I): A topological universe viewpoint. Fuzzy Sets and Systems, 1994, 61, 239-244.	2.7	2

#	ARTICLE	IF	CITATIONS
292	Dimension of fuzzy ordered sets. Fuzzy Sets and Systems, 1994, 67, 349-357.	2.7	8
293	Fuzzy sets and vague environments. Fuzzy Sets and Systems, 1994, 66, 207-221.	2.7	94
294	Fuzzy controller for robot arm trajectory. Information Sciences, 1994, 2, 69-83.	0.2	4
295	A holistic view of (bio)kinetics. Chemical Engineering Science, 1994, 49, 4121-4132.	3.8	5
296	Interpolation, completion, and learning fuzzy rules. IEEE Transactions on Systems, Man, and Cybernetics, 1994, 24, 332-342.	0.9	131
297	Bipolar fuzzy sets and relations: a computational framework for cognitive modeling and multiagent decision analysis. , 0, , .		57
298	Identifying faces using multiple retrievals. IEEE MultiMedia, 1994, 1, 27-38.	1.7	29
299	Architecture of FAME: fuzzy address matching environment. , 0, , .		1
300	Analyzing inference in fuzzy database systems. , 0, , .		2
301	The efficacy of fuzzy representations of uncertainty. IEEE Transactions on Fuzzy Systems, 1994, 2, 4-15.	9.8	68
302	Calibration of fuzzy control systems. , 0, , .		3
303	Fuzzy logic, inductive and analogical reasoning. Lecture Notes in Computer Science, 1994, , 38-50.	1.3	5
304	Fuzzy Relations and Applications. Advances in Electronics and Electron Physics, 1994, 89, 255-324.	0.6	30
305	A theoretical justification for nonlinear control property of a class of fuzzy logic controllers. , 0, , .		5
306	NECESSITY MEASURES DEFINED BY LEVEL SET INCLUSIONS: NINE KINDS OF NECESSITY MEASURES AND THEIR PROPERTIES. International Journal of General Systems, 1994, 22, 245-275.	2.5	9
307	Aircraft Anti-lock Brake System (ABS) with Fuzzy Logic Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 387-392.	0.4	0
308	Fuzzy Measure Theory [Book Reviews]. IEEE Transactions on Fuzzy Systems, 1995, 3, 480.	9.8	1
309	Fuzzy partitions of the sample space and fuzzy parameter hypotheses. IEEE Transactions on Systems, Man, and Cybernetics, 1995, 25, 1314-1322.	0.9	3

#	ARTICLE	IF	CITATIONS
310	Strongly transitive fuzzy relations: An alternative way to describe similarity. International Journal of Intelligent Systems, 1995, 10, 1061-1076.	5.7	1
311	A complete study of the lattices of fuzzy congruences and fuzzy normal subgroups. Information Sciences, 1995, 82, 197-218.	6.9	17
312	Towards the implementation of a generalized fuzzy relational database model. Fuzzy Sets and Systems, 1995, 75, 273-289.	2.7	63
313	An existence theorem for fuzzy utility functions: A new elementary proof. Fuzzy Sets and Systems, 1995, 74, 271-276.	2.7	27
314	Structure of transitive valued binary relations. Mathematical Social Sciences, 1995, 30, 71-94.	0.5	38
315	Fuzzy measurement of income inequality: a class of fuzzy inequality measures. Social Choice and Welfare, 1995, 12, 111.	0.8	53
316	Extending fuzzy relations. Fuzzy Sets and Systems, 1995, 69, 157-169.	2.7	9
317	Reasoning conditions on KÅ³czy's interpolative reasoning method in sparse fuzzy rule bases. Fuzzy Sets and Systems, 1995, 75, 63-71.	2.7	58
318	Equations in classes of fuzzy relations. Fuzzy Sets and Systems, 1995, 75, 215-228.	2.7	4
319	Fuzzy classification of nucleotide sequences and bacterial evolution. Bulletin of Mathematical Biology, 1995, 57, 527-537.	1.9	6
320	A Two-Level Architecture for Fuzzy Learning. Journal of Intelligent and Fuzzy Systems, 1995, 3, 273-286.	1.4	9
321	Fuzzy logic control in decision-making. , 0, , .		2
322	On lattice-isomorphism between fuzzy equivalence relations and fuzzy partitions. , 0, , .		7
323	Fuzzy Logic Based Techniques for Partial and Fuzzy Constraint Satisfaction. Intelligent Automation and Soft Computing, 1995, 1, 449-458.	2.1	0
324	Fuzzy control on the basis of equality relations with an example from idle speed control. IEEE Transactions on Fuzzy Systems, 1995, 3, 336-350.	9.8	57
325	Aircraft antilock brake system with neural networks and fuzzy logic. Journal of Guidance, Control, and Dynamics, 1995, 18, 1113-1118.	2.8	22
326	Aircraft Anti-lock Brake System (ABS) with Fuzzy Logic Control. , 1995, , 387-392.		0
327	Hierarchical clustering to validate fuzzy clustering. , 0, , .		5

#	ARTICLE	IF	CITATIONS
328	On the mutual definability of fuzzy tolerance relations and fuzzy tolerance coverings. , 0, , .		11
329	Paradigm shift and the integrated feedback approach. , 0, , .		1
330	Catalyzing database inference with fuzzy relations. , 0, , .		1
331	Constructing possibility measures. , 0, , .		0
332	Fuzzy distances and image processing. , 1995, , .		11
333	NPN fuzzy sets and NPN qualitative algebra: a computational framework for bipolar cognitive modeling and multiagent decision analysis. IEEE Transactions on Systems, Man, and Cybernetics, 1996, 26, 561-574.	5.0	51
334	Fuzzy measurement of income inequality: Some possibility results on the fuzzification of the lorenz ordering. Economic Theory, 1996, 7, 513-530.	0.9	15
335	A complete axiomatization for fuzzy functional and multivalued dependencies in fuzzy database relations. , 0, , .		1
336	A similarity ordering of fuzzy sets based on a generalisation process. , 0, , .		3
337	Silicon implementation of a fuzzy neuron. IEEE Transactions on Fuzzy Systems, 1996, 4, 488-501.	9.8	10
338	The inference error minimisation approach to fuzzy inference and knowledge analysis. , 0, , .		2
339	Rough Set-Its Theory and Applications. Journal of Japan Society for Fuzzy Theory and Systems, 1996, 8, 594-603.	0.0	1
340	On the use of hierarchical clustering in fuzzy modeling. International Journal of Approximate Reasoning, 1996, 14, 237-257.	3.3	27
341	Fuzzy ideals and fuzzy subalgebras of Lie algebras. Fuzzy Sets and Systems, 1996, 80, 237-244.	2.7	20
342	Fuzzy subsethood. Fuzzy Sets and Systems, 1996, 77, 371-384.	2.7	149
343	Possibility and necessity integrals. Fuzzy Sets and Systems, 1996, 77, 207-227.	2.7	19
344	Fuzzy equivalence relation redefined. Fuzzy Sets and Systems, 1996, 79, 227-233.	2.7	16
345	On fuzzy linear representations of finite groups. Fuzzy Sets and Systems, 1996, 83, 107-110.	2.7	0

#	ARTICLE	IF	CITATIONS
346	On fuzzy ratio comparisons in hierarchical decision models. Fuzzy Sets and Systems, 1996, 84, 21-32.	2.7	49
347	Level-based extension of relations. Fuzzy Sets and Systems, 1996, 84, 85-96.	2.7	0
348	Towards general measures of comparison of objects. Fuzzy Sets and Systems, 1996, 84, 143-153.	2.7	280
349	Structures on intuitionistic fuzzy relations. Fuzzy Sets and Systems, 1996, 78, 293-303.	2.7	193
350	Classification of relational patterns as a decomposition problem. Pattern Recognition Letters, 1996, 17, 91-99.	4.2	7
351	Analyzing FD inference in relational databases. Data and Knowledge Engineering, 1996, 18, 167-183.	3.4	24
352	On fuzzy difunctional relations. Information Sciences, 1996, 95, 219-232.	6.9	3
353	Transitivity and fuzzy preferences. Social Choice and Welfare, 1996, 13, 305-318.	0.8	62
354	Fuzzy relations in decision making. , 0, , .		5
355	An index structure for fuzzy databases. , 0, , .		9
356	On isomorphisms between the lattice of tolerance relations and lattices of clusterings. , 0, , .		7
357	Fuzzy relations for feature-model correspondence in 3D object recognition. , 0, , .		5
358	On representation of indeterminate identity via vague concepts. Journal of Applied Non-Classical Logics, 1996, 6, 191-201.	0.5	1
359	A knowledge based approach to information fusion using combinability relationships. , 0, , .		0
360	On isomorphisms between the De Morgan algebra of fuzzy tolerance relations and De Morgan algebras of fuzzy clusterings. , 0, , .		7
361	Transformations on valued relations with weak structure. , 0, , .		0
362	Relational algorithms for theoretical and empirical evaluation of systems of fuzzy connectives. , 0, , .		3
363	A Computational Theory of Dispositions. Advances in Fuzzy Systems, 1996, , 713-737.	8.7	2

#	ARTICLE	IF	CITATIONS
364	Learning algorithms and dimensionality. , 0, , .		0
365	A characterization of arbitrary Ruspini partitions by fuzzy similarity relations. , 0, , .		12
366	Similarity-based approach to defuzzification. , 0, , .		4
367	Analogical reasoning to answer null queries in fuzzy object-oriented data model. , 0, , .		2
368	Functional dependencies in fuzzy databases. , 0, , .		5
369	Clustering verb, adjective, adjectival-verb concepts using proximity relation. , 0, , .		1
370	A Fuzzy analysis of linguistic negation of nuanced property in Knowledge-Based systems. Lecture Notes in Computer Science, 1997, , 451-465.	1.3	5
371	Information measure of type $\hat{I}^2$ under similarity relations. , 0, , .		3
372	Industrial application of fuzzy image comparison in quality control. , 0, , .		0
373	A proposed model of human consciousness system with applications in pattern recognition. , 0, , .		0
374	İf - Complete Fuzzy Riesz Spaces. Resultate Der Mathematik, 1997, 31, 292-299.	0.2	8
375	Use of fuzzy relations for advanced technology cost modeling and affordability decisions. , 1997, , .		11
376	A comparative study on similarity-based fuzzy reasoning methods. IEEE Transactions on Systems, Man, and Cybernetics, 1997, 27, 216-227.	5.0	73
377	Kripke Frame with Graded Accessibility and Fuzzy Possible World Semantics. Studia Logica, 1997, 59, 249-269.	0.6	8
378	Consensus-making support system for creative problem solving. Knowledge-Based Systems, 1997, 10, 59-66.	7.1	11
379	A logical approach to interpolation based on similarity relations. International Journal of Approximate Reasoning, 1997, 17, 1-36.	3.3	83
380	Reasoning conditions on K <sup>3</sup> czy's interpolative reasoning method in sparse fuzzy rule bases. Part II. Fuzzy Sets and Systems, 1997, 87, 47-56.	2.7	7
381	Fuzzy object-oriented database modeling coupled with fuzzy logic. Fuzzy Sets and Systems, 1997, 89, 1-26.	2.7	32

#	ARTICLE	IF	CITATIONS
382	Algorithmic estimate for aggregated powerset relations. Fuzzy Sets and Systems, 1997, 89, 223-229.	2.7	0
383	A note on fuzzy Archimedean ordering. Fuzzy Sets and Systems, 1997, 91, 91-94.	2.7	1
384	T-congruence L-relations on groups and rings. Fuzzy Sets and Systems, 1997, 92, 365-381.	2.7	11
385	Fuzzy information systems: managing uncertainty in databases and information retrieval systems. Fuzzy Sets and Systems, 1997, 90, 183-191.	2.7	32
386	-partitions of the real line generated by idempotent shapes. Fuzzy Sets and Systems, 1997, 91, 177-184.	2.7	12
387	Constructing a fuzzy controller from data. Fuzzy Sets and Systems, 1997, 85, 177-193.	2.7	122
388	Equivalence and compositions of fuzzy rationality measures. Fuzzy Sets and Systems, 1997, 85, 31-43.	2.7	11
389	Weak properties and aggregated extension of fuzzy relations. Fuzzy Sets and Systems, 1997, 85, 311-318.	2.7	5
390	Scalability in fuzzy rule-based learning. Information Sciences, 1998, 109, 135-147.	6.9	4
391	Learning-based similarity measurement for fuzzy sets. International Journal of Intelligent Systems, 1998, 13, 193-220.	5.7	8
392	Fuzzy set modelling in case-based reasoning. International Journal of Intelligent Systems, 1998, 13, 345-373.	5.7	90
393	The integrity constraints for similarity-based fuzzy relational databases. International Journal of Intelligent Systems, 1998, 13, 641-659.	5.7	14
394	Fuzzy G-congruences on a groupoid. Fuzzy Sets and Systems, 1998, 93, 211-222.	2.7	1
395	VSOP fuzzy numbers and their fuzzy ordering. Fuzzy Sets and Systems, 1998, 93, 197-210.	2.7	21
396	An application of aggregation procedures to the definition of measures of similarity between fuzzy sets. Fuzzy Sets and Systems, 1998, 97, 67-74.	2.7	16
397	-partitions. Fuzzy Sets and Systems, 1998, 97, 211-223.	2.7	114
398	A note on reasoning conditions of KÅ³czy's interpolative reasoning method. Fuzzy Sets and Systems, 1998, 96, 373-379.	2.7	4
399	A local geometrical properties application to fuzzy clustering. Fuzzy Sets and Systems, 1998, 100, 245-256.	2.7	19

#	ARTICLE	IF	CITATIONS
400	Axiomatics for fuzzy rough sets. Fuzzy Sets and Systems, 1998, 100, 327-342.	2.7	442
401	Optimization schemes for decomposition of fuzzy relations. Fuzzy Sets and Systems, 1998, 100, 301-325.	2.7	14
402	Fuzzy systems evaluation: The inference error approach. IEEE Transactions on Systems, Man, and Cybernetics, 1998, 28, 268-275.	5.0	11
403	Computation of intelligent fusion operations based on constrained fuzzy arithmetic. , 0, , .		3
404	(Yin) (Yang) bipolar fuzzy sets. , 0, , .		33
405	Conceptual data modeling of multimedia database applications. , 0, , .		6
406	An overview and new methods in fuzzy clustering. , 0, , .		13
407	A characterization of the columns of a T-indistinguishability operator. , 0, , .		2
408	Variable-Structure Control with Fuzzy Plant Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 595-600.	0.4	1
409	Mining approximate dependencies using partitions on similarity-relation-based fuzzy databases. , 0, , .		4
410	Improvement of artificial odor discrimination system using fuzzy-LVQ neural network. , 0, , .		1
411	Case-based reasoning: A fuzzy approach. Lecture Notes in Computer Science, 1999, , 79-90.	1.3	19
412	1998 European Summer Meeting of the Association for Symbolic Logic. Bulletin of Symbolic Logic, 1999, 5, 59-153.	0.2	0
413	SEARCHING FOR MEANING ON DEFUZZIFICATION. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1999, 07, 475-482.	1.9	3
414	FUZZY LOGIC OPERATORS IN DECISION-MAKING. Cybernetics and Systems, 1999, 30, 725-745.	2.5	11
415	Fuzzy Databases. The Handbooks of Fuzzy Sets Series, 1999, , 403-468.	0.5	46
416	Typicality based on soft aggregations in crisp object oriented databases. , 0, , .		0
417	A linguistic approach to specificity. , 0, , .		0



#	ARTICLE	IF	CITATIONS
418	LOGICAL INTERPRETATION OF DISCRETE CHOQUET INTEGRAL DEFINED BY GENERAL MEASURE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1999, 07, 577-588.	1.9	8
419	AN AXIOMATIC APPROACH TO A CLASS OF RANKING FUNCTIONS FOR TRIANGULAR FUZZY NUMBERS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1999, 07, 155-172.	1.9	2
420	On fuzzy distances and their use in image processing under imprecision. Pattern Recognition, 1999, 32, 1873-1895.	8.1	201
421	Fuzzy Rees congruences on semigroups. Fuzzy Sets and Systems, 1999, 102, 353-359.	2.7	13
422	Fuzzy sets as a basis for a theory of possibility. Fuzzy Sets and Systems, 1999, 100, 9-34.	2.7	2,355
423	Proximity relations in the fuzzy relational database model. Fuzzy Sets and Systems, 1999, 100, 51-62.	2.7	25
424	Automatic clustering of business processes in business systems planning. European Journal of Operational Research, 1999, 114, 354-362.	5.7	33
425	An access structure for similarity-based fuzzy databases. Information Sciences, 1999, 115, 137-163.	6.9	20
426	A model and algorithm of fuzzy product positioning. Information Sciences, 1999, 121, 61-82.	6.9	79
427	Dealing with fuzziness in active mobile database systems. Information Sciences, 1999, 120, 23-44.	6.9	6
428	Fuzzy subgroups and similarities. Soft Computing, 1999, 3, 1-6.	3.6	29
429	Advances in fuzzy theory. Artificial Intelligence in Medicine, 1999, 15, 309-323.	6.5	27
430	Fuzzy time semirings and fuzzy-timing colored Petri nets. International Journal of Intelligent Systems, 1999, 14, 747-774.	5.7	4
431	On the unidimensional fuzzy equivalence relations. International Journal of Intelligent Systems, 1999, 14, 899-907.	5.7	0
432	Methods for the Construction of Membership Functions. International Journal of Intelligent Systems, 1999, 14, 1213-1230.	5.7	25
433	Merging Fuzzy Information. The Handbooks of Fuzzy Sets Series, 1999, , 335-401.	0.5	63
434	Fuzzy rationality and utility theory axioms. , 0, , .		0
435	Equilibrium relations and bipolar fuzzy clustering. , 0, , .		5

#	ARTICLE	IF	CITATIONS
436	A measure of linguistic specificity. , 1999, , .		0
437	Handling complex and uncertain information in the ExIFO and NF/sup 2/ data models. IEEE Transactions on Fuzzy Systems, 1999, 7, 659-676.	9.8	51
438	A Study on the Construction of Verb Thesauri using the Fuzzy Proximity Relation. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 462-471.	0.0	2
439	Environmental Risk Assessment for Underground Storage Tanks Through an Interval Parameter Fuzzy Relation Analysis Approach. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1999, 21, 75-96.	0.5	19
441	Fuzzy Functions and Their Applications. Journal of Mathematical Analysis and Applications, 2000, 252, 495-517.	1.0	54
442	On the qualitative/necessity possibility measure. (I). Investigation in the framework of measurement theory. Information Sciences, 2000, 126, 205-275.	6.9	2
443	On fuzzy congruence of a near-ring module. Fuzzy Sets and Systems, 2000, 112, 343-348.	2.7	15
444	Partition validity and defuzzification. Fuzzy Sets and Systems, 2000, 112, 433-447.	2.7	13
445	A relationship between equality relations and the -redundancy of fuzzy partitions and its application to Sugeno controllers. Fuzzy Sets and Systems, 2000, 114, 455-467.	2.7	4
446	Intuitionistic fuzzy generators Application to intuitionistic fuzzy complementation. Fuzzy Sets and Systems, 2000, 114, 485-504.	2.7	123
447	A generalized definition of rough approximations based on similarity. IEEE Transactions on Knowledge and Data Engineering, 2000, 12, 331-336.	5.7	844
448	HETEROGENEOUS DIGITAL LIBRARY QUERY PLATFORM USING A TRULY DISTRIBUTED MULTI-AGENT SEARCH. International Journal of Cooperative Information Systems, 2000, 09, 229-254.	0.8	1
449	Hybrid Probabilistic-Possibilistic Mixtures and Utility Functions. Studies in Fuzziness and Soft Computing, 2000, , 51-73.	0.8	27
450	Similarity relations in concept lattices. Journal of Logic and Computation, 2000, 10, 823-845.	0.8	101
451	On algebraic foundations of information granulation. I. The crisp case. , 0, , .		1
452	Mining functional dependencies from fuzzy relational databases. , 2000, , .		5
453	User adaptive models based on similarity. , 2000, , .		2
454	UPPER AND LOWER APPROXIMATIONS OF FUZZY SETS. International Journal of General Systems, 2000, 29, 555-568.	2.5	143

#	ARTICLE	IF	CITATIONS
455	Using similarity criteria to make negotiation trade-offs. , 0, , .		79
456	A SIMILARITY-BASED GENERALIZATION OF FUZZY ORDERINGS PRESERVING THE CLASSICAL AXIOMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2000, 08, 593-610.	1.9	88
457	Fuzzy Sets: History and Basic Notions. The Handbooks of Fuzzy Sets Series, 2000, , 21-124.	0.5	99
459	CLASSIFYING PIXELS BY MEANS OF FUZZY RELATIONS. International Journal of General Systems, 2000, 29, 605-621.	2.5	16
460	Affect analysis of text using fuzzy semantic typing. , 0, , .		10
461	Applications of Fuzzy Graphs. Studies in Fuzziness and Soft Computing, 2000, , 83-133.	0.8	6
462	Using fuzzy integral to modeling case based reasoning with feature interaction. , 0, , .		6
463	Similarity as a foundation for possibility. , 0, , .		4
464	Mining fuzzy functional dependencies from quantitative data. , 0, , .		2
465	Fuzzy Equivalence Relations: Advanced Material. The Handbooks of Fuzzy Sets Series, 2000, , 261-290.	0.5	52
466	Measurement of Membership Functions: Theoretical and Empirical Work. The Handbooks of Fuzzy Sets Series, 2000, , 195-227.	0.5	92
467	Affect analysis of text using fuzzy semantic typing. IEEE Transactions on Fuzzy Systems, 2001, 9, 483-496.	9.8	206
468	On Infinite Products of Fuzzy Matrices. SIAM Journal on Matrix Analysis and Applications, 2001, 22, 1190-1203.	1.4	23
469	A new method to measure the similarity between fuzzy numbers. , 0, , .		17
470	A multidimensional index structure for fuzzy spatial databases. , 0, , .		1
471	Unification as negotiation: a context-based approach. , 0, , .		0
472	Lattice type fuzzy order and closure operators in fuzzy ordered sets. , 0, , .		2
473	Integration of abductive CBR and deductive CBR. , 0, , .		3

#	ARTICLE	IF	CITATIONS
474	Redundant object and dependency of domain attributes in $\hat{\pi}$ -coverings of the universe. , 0, , .		1
475	STATISTICAL EVALUATION OF PCDD/F EMISSION DATA DURING SOLID WASTE COMBUSTION BY FUZZY CLUSTERING TECHNIQUES. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2001, 36, 153-161.	1.7	8
476	Embedding Allen interval temporal algebra into fuzzy recursive structures. , 0, , .		0
477	Discovering functional dependencies from similarity-based fuzzy relational databases. Intelligent Data Analysis, 2001, 5, 131-149.	0.9	3
478	Ranking opportunity sets: An approach based on the preference for flexibility. Social Choice and Welfare, 2001, 18, 23-36.	0.8	11
479	Convergence of products of fuzzy matrices. Fuzzy Sets and Systems, 2001, 121, 203-207.	2.7	14
480	Continuous Archimedean t-norms and their bounds. Fuzzy Sets and Systems, 2001, 121, 183-190.	2.7	5
481	Reconstruction of additive phylogenetic tree. Fuzzy Sets and Systems, 2001, 122, 443-449.	2.7	6
482	-fuzzy lattices: an introduction. Fuzzy Sets and Systems, 2001, 123, 209-216.	2.7	55
483	A complete axiomatization for fuzzy functional and multivalued dependencies in fuzzy database relations. Fuzzy Sets and Systems, 2001, 117, 161-181.	2.7	129
484	Down and up operators associated to fuzzy relations and t-norms: A definition of fuzzy semi-ideals. Fuzzy Sets and Systems, 2001, 117, 377-389.	2.7	6
485	On T-congruence L-relations on groups and rings. Fuzzy Sets and Systems, 2001, 119, 393-407.	2.7	13
486	On extended fuzzy relational database model with proximity relations. Fuzzy Sets and Systems, 2001, 117, 195-201.	2.7	22
487	Generalized morphisms, a new tool for comparative evaluation of performance of fuzzy implications, t-norms and co-norms in relational knowledge elicitation. Fuzzy Sets and Systems, 2001, 117, 297-315.	2.7	8
488	The adjoint representation of fuzzy Lie algebras. Fuzzy Sets and Systems, 2001, 119, 409-417.	2.7	5
489	Detecting homogeneous groups in clustering using the Euclidean distance. Fuzzy Sets and Systems, 2001, 120, 213-225.	2.7	13
490	Clustering by a fuzzy metric. Fuzzy Sets and Systems, 2001, 120, 249-254.	2.7	4
491	Transitive closure and betweenness relations. Fuzzy Sets and Systems, 2001, 120, 415-422.	2.7	12

#	ARTICLE	IF	CITATIONS
492	Cluster analysis based on fuzzy relations. Fuzzy Sets and Systems, 2001, 120, 197-212.	2.7	98
493	Inference error minimisation: fuzzy modelling of ambiguous functions. Fuzzy Sets and Systems, 2001, 121, 95-111.	2.7	21
494	A class of rational cardinality-based similarity measures. Journal of Computational and Applied Mathematics, 2001, 132, 51-69.	2.0	63
495	A context-dependent method for ordering fuzzy numbers using probabilities. Information Sciences, 2001, 138, 237-255.	6.9	67
496	Application of a fuzzy pattern recognition method in. Computers and Geosciences, 2001, 27, 85-89.	4.2	7
497	Maps between indistinguishability operators. , 0, , .		3
498	Analytic hierarchy process based on interval analysis. , 0, , .		3
499	A logical framework for fuzzy collaborative filtering. , 0, , .		1
500	Given a message, find legitimate readers: a "flexible" mailbot-based approach. , 0, , .		3
501	MEASURE OF SIMILARITY BETWEEN FUZZY CONCEPTS FOR IDENTIFICATION OF FUZZY USER'S REQUESTS IN FUZZY SEMANTIC NETWORKS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2001, 09, 743-748.	1.9	10
502	Collaborative Filtering Methods for Binary Market Basket Data Analysis. Lecture Notes in Computer Science, 2001, , 302-313.	1.3	22
503	A natural interpretation of fuzzy set theory. , 0, , .		2
504	A classifier based on the maximal fuzzy similarity in the generalized Lukasiewicz-structure. , 0, , .		29
505	Inclusion-Based Approximate Reasoning. Lecture Notes in Computer Science, 2001, , 221-230.	1.3	9
506	From approximative to descriptive fuzzy classifiers. IEEE Transactions on Fuzzy Systems, 2002, 10, 484-497.	9.8	75
507	Mining fuzzy similar sequential patterns from quantitative data. , 0, , .		1
508	"Are you thinking what I am thinking?" A comparison of decision makers' cognitive maps by means of a new similarity measure. , 0, , .		7
509	Application perspectives of fuzzy orderings. , 0, , .		0

#	ARTICLE	IF	CITATIONS
510	DOMINATION OF AGGREGATION OPERATORS AND PRESERVATION OF TRANSITIVITY. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 11-35.	1.9	98
511	GENERALIZED COMPOSITIONS OF FUZZY RELATIONS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 149-163.	1.9	10
512	ON POSSIBILISTIC AND PROBABILISTIC APPROXIMATIONS OF UNRESTRICTED BELIEF FUNCTIONS BASED ON THE CONCEPT OF FUZZY T-PREORDER. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 185-200.	1.9	3
513	A fuzzy logic with similarity. , 0, , .		4
514	A classifier based on the fuzzy similarity in the Lukasiewicz structure with different metrics. , 0, , .		10
516	The evidential database model. , 0, , .		1
517	Face Retrieval. , 2002, , 273-310.		0
518	Transitivity of comparison measures. , 0, , .		0
519	Spectral fuzzy classification: an application. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2002, 32, 42-48.	2.9	16
520	Discovering related Web pages through fuzzy-context reasoning. , 0, , .		3
521	Degree of Similarity in Fuzzy Partition. Lecture Notes in Computer Science, 2002, , 20-26.	1.3	10
522	Fuzzy Relational Systems. , 2002, , .		457
523	PROPERTIES OF REGULAR FUZZY RELATIONS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 165-173.	1.9	1
524	Mining fuzzy similar association rules from quantitative data. , 0, , .		1
525	Algorithms for the computation of T-transitive closures. IEEE Transactions on Fuzzy Systems, 2002, 10, 541-551.	9.8	52
526	Approximate reasoning in knowledge-based fuzzy sets. , 0, , .		2
527	T-transitive closures, openings and approximations of similarity relations. , 0, , .		0
528	Fuzzy similarity-based models in case-based reasoning. , 0, , .		3

#	ARTICLE	IF	CITATIONS
529	Bipolar fuzzy cognitive mapping and bipolar visualization for OLAP/OLAM. , 0, , .		0
530	Improving performance of similarity-based clustering by feature weight learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 556-561.	13.9	90
531	Generalization of Rough sets and its applications in information system. Intelligent Data Analysis, 2002, 6, 323-339.	0.9	4
532	Metrics and T-Equalities. Journal of Mathematical Analysis and Applications, 2002, 267, 531-547.	1.0	104
533	Similarity and metrics in case-based reasoning. International Journal of Intelligent Systems, 2002, 17, 273-287.	5.7	63
534	Data dependencies in extended possibility-based fuzzy relational databases. International Journal of Intelligent Systems, 2002, 17, 321-332.	5.7	18
535	Fuzzy data compression based on data dependencies. International Journal of Intelligent Systems, 2002, 17, 409-426.	5.7	9
536	Generating indistinguishability operators from prototypes. International Journal of Intelligent Systems, 2002, 17, 1131-1142.	5.7	0
537	Fuzzy closure operators II: induced relations, representation, and examples. Soft Computing, 2002, 7, 53-64.	3.6	44
538	Numerical representation of transitive fuzzy relations. Fuzzy Sets and Systems, 2002, 126, 225-232.	2.7	22
539	A natural interpretation of fuzzy sets and fuzzy relations. Fuzzy Sets and Systems, 2002, 128, 135-147.	2.7	17
540	A reformulation of entropy in the presence of indistinguishability operators. Fuzzy Sets and Systems, 2002, 128, 185-196.	2.7	26
541	Dual models of interval DEA and its extension to interval data. European Journal of Operational Research, 2002, 136, 32-45.	5.7	304
542	Rule extraction from expert heuristics: A comparative study of rough sets with neural networks and ID3. European Journal of Operational Research, 2002, 136, 212-229.	5.7	81
543	Approximate reasoning by similarity-based SLD resolution. Theoretical Computer Science, 2002, 275, 389-426.	0.9	99
544	Well-graded spaces of valued sets. Discrete Mathematics, 2002, 245, 217-233.	0.7	3
545	Using similarity criteria to make issue trade-offs in automated negotiations. Artificial Intelligence, 2002, 142, 205-237.	5.8	514
546	Borda Count Versus Approval Voting: A Fuzzy Approach. Public Choice, 2002, 112, 167-184.	1.7	53

#	ARTICLE	IF	CITATIONS
547	Application of Fuzzy Linear Programming in Production Planning. Fuzzy Optimization and Decision Making, 2003, 2, 229-241.	5.5	66
548	Compatible extensions of fuzzy relations. Journal of Systems Science and Systems Engineering, 2003, 12, 332-349.	1.6	2
549	An empirical analysis of transitivity with four scaled preferential judgment modalities. Review of Economic Design, 2003, 8, 335-346.	0.3	12
550	Transitive approximation of fuzzy relations by alternating closures and openings. Soft Computing, 2003, 7, 210-219.	3.6	25
551	Aggregation of T-transitive relations. International Journal of Intelligent Systems, 2003, 18, 1193-1214.	5.7	31
552	On the existence and construction of T-transitive closures. Information Sciences, 2003, 152, 167-179.	6.9	66
553	Traffic signal control on similarity logic reasoning. Fuzzy Sets and Systems, 2003, 133, 109-131.	2.7	40
554	On t-norms based measures of specificity. Fuzzy Sets and Systems, 2003, 133, 237-248.	2.7	31
555	On (un)suitable fuzzy relations to model approximate equality. Fuzzy Sets and Systems, 2003, 133, 137-153.	2.7	57
556	Oblique fuzzy vectors and their use in possibilistic linear programming. Fuzzy Sets and Systems, 2003, 135, 123-150.	2.7	23
557	Representations and constructions of similarity-based fuzzy orderings. Fuzzy Sets and Systems, 2003, 137, 113-136.	2.7	89
558	Soft dimension theory. Fuzzy Sets and Systems, 2003, 137, 137-149.	2.7	24
559	Level-2 fuzzy sets and their usefulness in object-oriented database modelling. Fuzzy Sets and Systems, 2003, 140, 29-49.	2.7	50
560	Rough set analysis of a general type of fuzzy data using transitive aggregations of fuzzy similarity relations. Fuzzy Sets and Systems, 2003, 139, 635-660.	2.7	131
561	On strict lower and upper sections of fuzzy orderings. Fuzzy Sets and Systems, 2003, 139, 583-599.	2.7	7
562	Searching for the dimension of valued preference relations. International Journal of Approximate Reasoning, 2003, 33, 133-157.	3.3	24
563	Fuzzy MADM: An outranking method. European Journal of Operational Research, 2003, 145, 317-328.	5.7	77
564	A fuzzy expert system for site characterization. Expert Systems With Applications, 2003, 24, 123-131.	7.6	19



#	ARTICLE	IF	CITATIONS
565	A fuzzy process controller for in situ groundwater bioremediation. Engineering Applications of Artificial Intelligence, 2003, 16, 131-147.	8.1	17
566	Foundations of Vagueness. Electronic Notes in Theoretical Computer Science, 2003, 82, 10-19.	0.9	16
567	Fuzzy risk analysis based on similarity measures of generalized fuzzy numbers. IEEE Transactions on Fuzzy Systems, 2003, 11, 45-56.	9.8	361
568	Separated Presheaves of Normed Spaces and $\alpha$ -valued Norms. International Journal of General Systems, 2003, 32, 385-414.	2.5	5
569	Pattern classification using fuzzy relational calculus. IEEE Transactions on Systems, Man, and Cybernetics, 2003, 33, 1-16.	5.0	8
570	Toward a language for specifying summarizing statistics. IEEE Transactions on Systems, Man, and Cybernetics, 2003, 33, 177-187.	5.0	15
571	A Łukasiewicz-style Many-valued Similarity Reasoning. Review. Studies in Fuzziness and Soft Computing, 2003, , 337-347.	0.8	1
572	A proposal of fuzzy thesaurus generated by fuzzy covering. , 0, , .		2
573	I FOOD: An intelligent fuzzy object-oriented database architecture. IEEE Transactions on Knowledge and Data Engineering, 2003, 15, 1137-1154.	5.7	57
574	A Rough Set Paradigm for Unifying Rough Set Theory and Fuzzy Set Theory. , 2003, , 70-77.		17
575	Route Choice Making Under Uncertainty: a Fuzzy Logic Based Approach. Studies in Fuzziness and Soft Computing, 2003, , 277-292.	0.8	3
576	Testing continuous t-norm called Łukasiewicz algebra with different means in classification. , 0, , .		9
577	A hierarchical approach to fuzzy segmentation of colour images. , 0, , .		7
578	Openings and closures of fuzzy preorderings: theoretical basics and applications to fuzzy rule-based systems. International Journal of General Systems, 2003, 32, 343-360.	2.5	48
579	Normalizing Possibility Distributions Using t-Norms. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 343-360.	1.9	0
580	Representations of the Extensions of Many-Valued Equivalence Relations. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 319-341.	1.9	10
581	An improvement to Koczy's interpolative reasoning method based on Taylor progression. , 0, , .		1
582	Using fuzzy centrality and intensity concepts to construct an information retrieval model. , 0, , .		2

#	ARTICLE	IF	CITATIONS
583	On Fuzzy Spatial Distances. Advances in Imaging and Electron Physics, 2003, 128, 51-122.	0.2	8
584	Formal Concept Analysis in Geology. , 2004, , 191-237.		2
585	Toward Rough Set Foundations. Mereological Approach. Lecture Notes in Computer Science, 2004, , 8-25.	1.3	33
586	A Top-Down Algorithm for Generating the Hasse Tree of a Fuzzy Preorder Closure. IEEE Transactions on Fuzzy Systems, 2004, 12, 838-848.	9.8	8
587	Crisp dimension theory and valued preference relations. International Journal of General Systems, 2004, 33, 115-131.	2.5	3
588	On the min-transitive approximation of symmetric fuzzy relations. , 0, , .		3
589	Similarity based on uniqueness measure in fuzzy information system and its clustering. , 0, , .		0
590	A general model of fuzziness measure. , 0, , .		1
591	SIMILARITY MEASURES BETWEEN TYPE-2 FUZZY SETS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2004, 12, 827-841.	1.9	71
592	FUZZY MATRICES WITH COMPLETE TRANSITIVITY. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2004, 12, 531-542.	1.9	1
593	Similarity and Fuzzy Tolerance Spaces. Journal of Logic and Computation, 2004, 14, 827-855.	0.8	5
594	A Hybrid Neuro-Fuzzy Model for Mineral Potential Mapping. Mathematical Geosciences, 2004, 36, 803-826.	0.9	143
595	Modeling and Management of Fuzzy Information in Multimedia Database Applications. Multimedia Tools and Applications, 2004, 24, 29-56.	3.9	31
596	Fuzzy orderings in flexible query answering systems. Soft Computing, 2004, 8, 512-522.	3.6	29
597	Representation theorems for fuzzy orders and quasi-metrics. Soft Computing, 2004, 8, 571-580.	3.6	15
598	Construction of consultation systems on descriptive knowledge. Soft Computing, 2004, 8, 676-680.	3.6	1
599	Fuzzy Conditional Probability Relations and their Applications in Fuzzy Information Systems. Knowledge and Information Systems, 2004, 6, 345-365.	3.2	18
600	Algorithms for computing the min-transitive closure and associated partition tree of a symmetric fuzzy relation. European Journal of Operational Research, 2004, 155, 226-238.	5.7	47

#	ARTICLE	IF	CITATIONS
601	A formal study of linearity axioms for fuzzy orderings. Fuzzy Sets and Systems, 2004, 145, 323-354.	2.7	27
602	Topological properties of the class of generators of an indistinguishability operator. Fuzzy Sets and Systems, 2004, 143, 413-426.	2.7	15
603	T-type regular L-relations on a complete Brouwerian lattice. Fuzzy Sets and Systems, 2004, 145, 313-322.	2.7	6
604	Fuzzy groups, fuzzy functions and fuzzy equivalence relations. Fuzzy Sets and Systems, 2004, 144, 441-458.	2.7	52
605	Normalization and lossless join decomposition of similarity-based fuzzy relational databases. International Journal of Intelligent Systems, 2004, 19, 885-917.	5.7	19
606	A new approach to mining fuzzy databases using nearest neighbor classification by exploiting attribute hierarchies. International Journal of Intelligent Systems, 2004, 19, 1277-1290.	5.7	8
607	Similarity measures of intuitionistic fuzzy sets based on Hausdorff distance. Pattern Recognition Letters, 2004, 25, 1603-1611.	4.2	499
608	Similarity-based SLD resolution and its role for web knowledge discovery. Fuzzy Sets and Systems, 2004, 144, 151-171.	2.7	15
609	Indistinguishability relations in Dempster-Shafer theory of evidence. International Journal of Approximate Reasoning, 2004, 37, 145-187.	3.3	14
610	The group of isometries of an indistinguishability operator. Fuzzy Sets and Systems, 2004, 146, 27-41.	2.7	6
611	A framework for multi-source data fusion. Information Sciences, 2004, 163, 175-200.	6.9	77
612	Some specific types of fuzzy relation equations. Information Sciences, 2004, 164, 189-195.	6.9	21
613	Fuzzy semantics for direction relations between composite regions. Information Sciences, 2004, 160, 73-90.	6.9	18
614	Case base building with similarity relations. Information Sciences, 2004, 165, 21-43.	6.9	19
615	On aggregation operators of transitive similarity and dissimilarity relations. , 0, , .		1
616	Indistinguishability operators generated by fuzzy numbers. , 0, , .		0
617	Improved image quality measures using ordered histograms. , 0, , .		4
618	A New Fuzzy Cover Approach to Clustering. IEEE Transactions on Fuzzy Systems, 2004, 12, 199-208.	9.8	15

#	ARTICLE	IF	CITATIONS
619	A New Sparse Rule-Based Fuzzy Reasoning Method. , 0, , .		9
620	Fuzzy forecasting based on fuzzy time series. International Journal of Computer Mathematics, 2004, 81, 781-789.	1.8	131
621	FUZZY CLUSTERING BASED ON INTUITIONISTIC FUZZY RELATIONS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2004, 12, 513-529.	1.9	21
622	A similarity-based robust clustering method. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 434-448.	13.9	182
623	Clustering using similarity based on uniqueness measure and its properties. , 0, , .		0
624	Research topics in pictorial databases. Kybernetes, 2004, 33, 1320-1328.	2.2	0
625	The Evolution of the Concept of Fuzzy Measure. Studies in Computational Intelligence, 0, , 185-200.	0.9	11
626	On The Generalization of Fuzzy Rough Approximation Based on Asymmetric Relation. Studies in Computational Intelligence, 0, , 73-88.	0.9	0
627	Formal granular calculi based on rough inclusions. , 2005, , .		46
628	Discovery of Fuzzy Multiple-Level Web Browsing Patterns. Studies in Computational Intelligence, 0, , 251-266.	0.9	2
629	Fuzzy linear programming with vague objective coefficients in an uncertain environment. Journal of the Operational Research Society, 2005, 56, 597-603.	3.4	18
630	On the transitive matrices over distributive lattices. Linear Algebra and Its Applications, 2005, 400, 169-191.	0.9	9
631	A theory of vague lattices based on many-valued equivalence relationsâ€”: general representation results. Fuzzy Sets and Systems, 2005, 151, 437-472.	2.7	54
632	A definition for fuzzy approximate dependencies. Fuzzy Sets and Systems, 2005, 149, 105-129.	2.7	18
633	Individual-valued preferences and their aggregation: consistency analysis in a real case. Fuzzy Sets and Systems, 2005, 151, 269-284.	2.7	22
634	Nonparametric rank-based statistics and significance tests for fuzzy data. Fuzzy Sets and Systems, 2005, 153, 1-28.	2.7	82
635	What is the meaning of fuzzy costs in fuzzy traffic assignment models?. Transportation Research Part C: Emerging Technologies, 2005, 13, 107-119.	7.6	16
636	The generalized associative law in smooth groups. Information Sciences, 2005, 169, 227-244.	6.9	1

#	ARTICLE	IF	CITATIONS
637	Fuzzy pogroupoids. Information Sciences, 2005, 175, 108-119.	6.9	3
638	Multiple-attribute decision support system based on fuzzy logic for performance assessment. European Journal of Operational Research, 2005, 160, 710-725.	5.7	18
639	Transitivity-preserving fuzzification schemes for cardinality-based similarity measures. European Journal of Operational Research, 2005, 160, 726-740.	5.7	41
640	Coloring fuzzy graphs. Omega, 2005, 33, 211-221.	5.9	69
641	Abductive case-based reasoning. International Journal of Intelligent Systems, 2005, 20, 957-983.	5.7	19
642	Products of elements in vague semigroups and their implementations in vague arithmetic. Fuzzy Sets and Systems, 2005, 156, 93-123.	2.7	2
643	The complete linkage clustering algorithm revisited. Soft Computing, 2005, 9, 385-392.	3.6	35
644	IntuitionisticH-fuzzy relations. International Journal of Mathematics and Mathematical Sciences, 2005, 2005, 2723-2734.	0.7	20
645	Rough-fuzzy-neurocomputing based on rough mereological calculus of granules1. International Journal of Hybrid Intelligent Systems, 2005, 2, 91-108.	1.2	25
647	Computing a Transitive Opening of a Reflexive and Symmetric Fuzzy Relation. Lecture Notes in Computer Science, 2005, , 587-599.	1.3	3
648	Ranking of admissible alternatives in interval decision making. International Journal of Systems Science, 2005, 36, 897-907.	5.5	1
650	YINYANG BIPOLAR LATTICES AND L-SETS FOR BIPOLAR KNOWLEDGE FUSION, VISUALIZATION, AND DECISION. International Journal of Information Technology and Decision Making, 2005, 04, 621-645.	3.9	43
651	Rarity-based similarity relations in a generalized fuzzy information system. , 0, , .		2
652	FUZZY LINEAR PROGRAMMING FOR DECISION MAKING AND PLANNING UNDER UNCERTAINTY. International Journal of Information Technology and Decision Making, 2005, 04, 647-662.	3.9	15
653	Enabling a Semantic Smart WWW: A Soft Computing Framework for Automatic Ontology Development. , 0, , .		1
654	A fuzzy knowledge-based system for intelligent retrieval. IEEE Transactions on Fuzzy Systems, 2005, 13, 317-330.	9.8	15
655	The 40th Anniversary of Fuzzy Sets: A New View on System Theory. , 0, , .		5
656	A Fast Fuzzy Clustering Algorithm for Large-Scale Datasets. Lecture Notes in Computer Science, 2005, , 203-208.	1.3	0

#	ARTICLE	IF	CITATIONS
657	Semantic study of the use of parameterized S implications and equivalences in comparison. , 0, , .		3
658	A generalized definition of rough approximation based on similarity in variable precision rough sets. , 2005, , .		1
659	Constructive Fuzzy Sets with Similarity Semantics. , 0, , .		1
660	General Reasoning System for Health Management. , 0, , .		4
661	Similarity Classifier with Generalized mean Applied to Medical Data Using Different Preprocessing Methods. , 2005, , .		2
662	A fuzzy instance-based model for predicting expected life: a locomotive application. , 0, , .		7
663	A Similarity-Based Approach to Aggregation. , 0, , .		0
664	Predicting the Best Units within a Fleet: Prognostic Capabilities Enabled by Peer Learning, Fuzzy Similarity, and Evolutionary Design Process. , 0, , .		4
665	SOLVING FUZZY LINEAR PROGRAMMING PROBLEMS WITH MODIFIED S-CURVE MEMBERSHIP FUNCTION. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2005, 13, 97-109.	1.9	15
666	An Incremental Algorithm to find Asymmetric Word Similarities for Fuzzy Text Mining. , 2005, , 838-847.		4
667	Fuzzy C-Means Clustering for Power System Coherency. , 0, , .		11
668	Clustering using Similarity Upper Approximation. , 2006, , .		8
669	Consumer Load Profiling using Fuzzy Clustering and Statistical Approach. , 2006, , .		5
670	Fuzzy Similarity from Conceptual Relations. , 2006, , .		5
671	Fuzzy Similarity Measures for Colour Images. , 2006, , .		3
672	Packet Reordering Metrics: Some Methodological Considerations. , 2006, , .		2
673	Eliminating Redundant and Less-Informative RSS News Articles Based on Word Similarity and a Fuzzy Equivalence Relation. , 2006, , .		9
674	Evaluating Sensor Reliability in Classification Problems Based on Evidence Theory. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 970-981.	5.0	107

#	ARTICLE	IF	CITATIONS
675	A fuzzy-similarity-based self-organized network inspired by immune algorithm for three-mixture-fragrance recognition. IEEE Transactions on Industrial Electronics, 2006, 53, 313-321.	7.9	9
676	Application of Fuzzy Clustering to Determine Electricity Consumers' Load Profiles. , 2006, , .		20
677	Similarity-driven Defuzzification of Fuzzy Tuples for Entropy-based Data Classification Purposes. , 2006, , .		5
678	A Survey on Analysis and Design of Model-Based Fuzzy Control Systems. IEEE Transactions on Fuzzy Systems, 2006, 14, 676-697.	9.8	1,440
679	Decision Making with Fuzzy Ternary Relations. , 2006, , 111-119.		1
680	A graphical method to construct a phylogenetic tree. International Journal of Quantum Chemistry, 2006, 106, 1998-2005.	2.0	10
681	On the T-transitivity of kernels. Fuzzy Sets and Systems, 2006, 157, 1787-1796.	2.7	59
682	Pseudometrics from three-positive semidefinite similarities. Fuzzy Sets and Systems, 2006, 157, 2347-2355.	2.7	5
683	The generalized associative law in vague groups and its applications"ll. Information Sciences, 2006, 176, 1488-1530.	6.9	3
684	Modeling the concept of majority opinion in group decision making. Information Sciences, 2006, 176, 390-414.	6.9	103
685	Similarity classifier with generalized mean applied to medical data. Computers in Biology and Medicine, 2006, 36, 1026-1040.	7.0	72
686	Phylogenetic tree construction based on 2D graphical representation. Chemical Physics Letters, 2006, 422, 282-288.	2.6	23
687	MCDM in a fuzzy setting: Investment projects assessment application. International Journal of Production Economics, 2006, 100, 10-29.	8.9	67
688	UPGMA clustering revisited: A weight-driven approach to transitive approximation. International Journal of Approximate Reasoning, 2006, 42, 174-191.	3.3	31
689	Fuzzy Production Planning and its Application to Decision Making. Journal of Intelligent Manufacturing, 2006, 17, 5-12.	7.3	43
690	Semantic component networking: Toward the synergy of static reuse and dynamic clustering of resources in the knowledge grid. Journal of Systems and Software, 2006, 79, 1469-1482.	4.5	11
691	Computationally efficient sup-t transitive closure for sparse fuzzy binary relations. Fuzzy Sets and Systems, 2006, 157, 341-372.	2.7	26
692	-equalities as fuzzy non-Archimedean metrics and -fuzzy equivalences of type. Fuzzy Sets and Systems, 2006, 157, 2751-2761.	2.7	5

#	ARTICLE	IF	CITATIONS
693	From vagueness in medical thought to the foundations of fuzzy reasoning in medical diagnosis. Artificial Intelligence in Medicine, 2006, 38, 237-256.	6.5	88
694	A model of granular computing with applications. granules from rough inclusions in information systems. , 0, , .		22
695			1
696	MEASUREMENT OF MEMBERSHIP. , 2006, , 89-109.		0
698	FOUNDATION. , 2006, , 1-54.		1
699	Similarity issues in attribute implications from data with fuzzy attributes. , 2006, , .		8
700	Measures of specificity of fuzzy sets under T-indistinguishabilities. IEEE Transactions on Fuzzy Systems, 2006, 14, 568-572.	9.8	20
701	Similarity Classifier using Measure Derived from Yus Norms Applied to Medical Data Sets. , 2006, , .		2
702	Correspondences Between Fuzzy Equivalence Relations and Kernels: Theoretical Results and Potential Applications. , 2006, , .		0
703	A Multicriteria Approach to Data Summarization Using Concept Ontologies. IEEE Transactions on Fuzzy Systems, 2006, 14, 767-780.	9.8	42
704	YINYANG BIPOLAR FUZZY SETS AND FUZZY EQUILIBRIUM RELATIONS: FOR CLUSTERING, OPTIMIZATION, AND GLOBAL REGULATION. International Journal of Information Technology and Decision Making, 2006, 05, 19-46.	3.9	40
705	A Calculation of Maximal Fuzzy Points. , 2006, , .		0
706	A GENERAL FRAMEWORK FOR COMPUTING WITH WORDS IN OBJECT-ORIENTED PROGRAMMING. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 111-131.	1.9	24
707	CONSENSUS-MAKING SUPPORT SYSTEMS DEDICATED TO CREATIVE PROBLEM SOLVING. International Journal of Information Technology and Decision Making, 2007, 06, 459-474.	3.9	12
708	FUZZY DATA REPRESENTATION AND QUERYING IN XML DATABASE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 43-57.	1.9	9
709	Sensing degree of fuzziness in MCDM model using modified flexible S -curve MF. International Journal of Systems Science, 2007, 38, 279-291.	5.5	14
710	FUZZY SETS IN POLITICAL SCIENCE: AN OVERVIEW. New Mathematics and Natural Computation, 2007, 03, 281-299.	0.7	8
711	Comparison of Hybrid Intelligent Systems, Neural Networks and Interval Type-2 Fuzzy Logic for Time Series Prediction. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	18



#	ARTICLE	IF	CITATIONS
712	An Alternative Product Extraction Method for E-Commerce Applications. , 2007, , .		4
713	Water Quality Assessment Model Based on Index Subset Weights and Its Application. , 2007, , .		0
714	Learning from Imprecise Granular Data Using Trapezoidal Fuzzy Set Representations. Lecture Notes in Computer Science, 2007, , 244-254.	1.3	4
715	Cognitive Network Access using Fuzzy Decision Making. , 2007, , .		26
716	An approach to Ontology Mapping based on the Lucene search engine library. , 2007, , .		6
717	Image Similarity “ From Fuzzy Sets to Color Image Applications. Lecture Notes in Computer Science, 2007, , 26-37.	1.3	8
718	Aggregation Operators and the Lipschitzian Condition. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	0
719	Heuristic Algorithm for Interpretation of Non-Atomic Categorical Attributes in Similarity-based Fuzzy Databases Scalability Evaluation. , 2007, , .		0
720	Transitivity Bounds in Additive Fuzzy Preference Structures. IEEE Transactions on Fuzzy Systems, 2007, 15, 275-286.	9.8	76
721	Color Image Retrieval using Fuzzy Similarity Measures and Fuzzy Partitions. , 2007, , .		14
722	Fuzzy multi-attribute cost“benefit analysis of e-services. International Journal of Intelligent Systems, 2007, 22, 547-565.	5.7	21
723	Attribute-oriented fuzzy generalization in proximity- and similarity-based relational database systems. International Journal of Intelligent Systems, 2007, 22, 763-779.	5.7	10
724	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
725	Similarity classifier using similarity measure derived from Yu's norms in classification of medical data sets. Computers in Biology and Medicine, 2007, 37, 1133-1140.	7.0	46
726	Formal Properties of Needed Narrowing with Similarity Relations. Electronic Notes in Theoretical Computer Science, 2007, 188, 21-35.	0.9	3
727	Fuzzy sets and sheaves. Part I. Fuzzy Sets and Systems, 2007, 158, 1143-1174.	2.7	50
728	An introduction to vague complemented ordered sets. Information Sciences, 2007, 177, 150-160.	6.9	16
729	TL-filters of integral residuated l-monoids. Information Sciences, 2007, 177, 887-896.	6.9	11

#	ARTICLE	IF	CITATIONS
730	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
731	Experimental study of intelligent controllers under uncertainty using type-1 and type-2 fuzzy logic. Information Sciences, 2007, 177, 2023-2048.	6.9	226
732	Similarity relation matrix-based color edge detection. AEU - International Journal of Electronics and Communications, 2007, 61, 469-477.	2.9	28
733	Uncertainty measures for fuzzy relations and their applications. Applied Soft Computing Journal, 2007, 7, 1135-1143.	7.2	83
734	A fuzzy simulation model for evaluating the concession items of public-private partnership schemes. Automation in Construction, 2007, 17, 22-29.	9.8	57
735	A compendium of fuzzy weak orders: Representations and constructions. Fuzzy Sets and Systems, 2007, 158, 811-829.	2.7	74
736	Fuzzy sets and sheaves. Part II:. Fuzzy Sets and Systems, 2007, 158, 1175-1212.	2.7	26
737	Similarity of fuzzy choice functions. Fuzzy Sets and Systems, 2007, 158, 1314-1326.	2.7	25
738	-fuzzy covering relation. Fuzzy Sets and Systems, 2007, 158, 2456-2465.	2.7	30
739	On the soundness of altering granular information. International Journal of Approximate Reasoning, 2007, 45, 43-67.	3.3	6
740	ET-lipschitzian and ET-kernel aggregation operators. International Journal of Approximate Reasoning, 2007, 46, 511-524.	3.3	1
741	Consistency indicators for fuzzy choice functions. Mathematical Social Sciences, 2007, 53, 93-105.	0.5	4
742	Fast factorization by similarity in formal concept analysis of data with fuzzy attributes. Journal of Computer and System Sciences, 2007, 73, 1012-1022.	1.2	46
743	Aggregation of aggregating modes in MCDM: Synthesis of Type 2 and Level 2 fuzzy sets. Omega, 2007, 35, 505-523.	5.9	46
744	Arrow's Axiom and Full Rationality for Fuzzy Choice Functions. Social Choice and Welfare, 2007, 28, 303-319.	0.8	15
745	On a Possible Continuous Analogue of the Szpilrajn Theorem and its Strengthening by Dushnik and Miller. Order, 2007, 23, 271-296.	0.5	23
746	Aggregation of fuzzy preference relations to multicriteria decision making. Fuzzy Optimization and Decision Making, 2007, 6, 351-365.	5.5	22
747	Ranking fuzzy choice functions by their rationality indicators. Fuzzy Optimization and Decision Making, 2007, 6, 367-389.	5.5	3

#	ARTICLE	IF	CITATION
748	Unknown odor recognition using Euclidean Fuzzy similarity-based Self-Organized Network inspired by Immune Algorithm. Neural Computing and Applications, 2007, 17, 27-37.	5.6	2
749	Additive decomposition of fuzzy pre-orders. Fuzzy Sets and Systems, 2007, 158, 830-842.	2.7	42
750	Fuzzy equivalence relations and their equivalence classes. Fuzzy Sets and Systems, 2007, 158, 1295-1313.	2.7	47
751	Combining neighbourhood-based and histogram similarity measures for the design of image quality measures. Image and Vision Computing, 2007, 25, 184-195.	4.5	20
752	Relations in Fuzzy Class Theory:. Fuzzy Sets and Systems, 2008, 159, 1729-1772.	2.7	26
753	Convergence and fixed points by fuzzy orders. Fuzzy Sets and Systems, 2008, 159, 1178-1190.	2.7	5
754	Fuzzy power structures. Archive for Mathematical Logic, 2008, 47, 233-261.	0.3	9
755	Congruence indicators for fuzzy choice functions. Social Choice and Welfare, 2008, 30, 331-352.	0.8	1
756	Negotiation among autonomous computational agents: principles, analysis and challenges. Artificial Intelligence Review, 2008, 29, 1-44.	15.7	111
757	A method for obtaining transitive approximations of a binary relation. Annals of Operations Research, 2008, 163, 197-208.	4.1	5
758	Assessing traffic noise impact based on probabilistic and fuzzy approaches under uncertainty. Stochastic Environmental Research and Risk Assessment, 2008, 22, 541-550.	4.0	10
759	The $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ fuzzy logic metric space and an algorithm for solving fuzzy modus ponens. Computers and Mathematics With Applications, 2008, 55, 1974-1987.	2.7	6
760	Establishing performance evaluation structures by fuzzy relation-based cluster analysis. Computers and Mathematics With Applications, 2008, 56, 572-582.	2.7	20
761	On the compositional characterization of complete fuzzy pre-orders. Fuzzy Sets and Systems, 2008, 159, 2221-2239.	2.7	25
762	Measures of specificity over continuous spaces under similarity relations. Fuzzy Sets and Systems, 2008, 159, 2193-2210.	2.7	33
763	A vector similarity measure for linguistic approximation: Interval type-2 and type-1 fuzzy sets. Information Sciences, 2008, 178, 381-402.	6.9	167
764	The reduction of binary fuzzy relations and its applications. Information Sciences, 2008, 178, 562-572.	6.9	5
765	Using trapezoids for representing granular objects: Applications to learning and OWA aggregation. Information Sciences, 2008, 178, 363-380.	6.9	53

#	ARTICLE	IF	CITATIONS
766	Summarizing data using a similarity based mountain method. Information Sciences, 2008, 178, 816-826.	6.9	8
767	On the J-divergence of intuitionistic fuzzy sets with its application to pattern recognition. Information Sciences, 2008, 178, 1641-1650.	6.9	161
768	Level sets and the extension principle for interval valued fuzzy sets and its application to uncertainty measures. Information Sciences, 2008, 178, 3565-3576.	6.9	34
769	The structure of decomposable indistinguishability operators. Information Sciences, 2008, 178, 4094-4104.	6.9	4
770	Representations of T-similarity relations. Fuzzy Sets and Systems, 2008, 159, 2211-2220.	2.7	13
771	Similarity-based fuzzy limits. Fuzzy Sets and Systems, 2008, 159, 3380-3387.	2.7	2
772	On the cycle-transitive comparison of artificially coupled random variables. International Journal of Approximate Reasoning, 2008, 47, 306-322.	3.3	46
773	Generalized fuzzy rough approximation operators based on fuzzy coverings. International Journal of Approximate Reasoning, 2008, 48, 836-856.	3.3	212
774	Possibilistic optimization in planning decision of construction industry. International Journal of Production Economics, 2008, 111, 664-675.	8.9	7
775	Similarity classifier in diagnosis of bladder cancer. Computer Methods and Programs in Biomedicine, 2008, 89, 43-49.	4.7	11
776	Generalizing the Dempster-Shafer Theory to Fuzzy Sets. , 2008, , 529-554.		80
777	Fuzzy Multiobjective Evaluation of Investments with Applications. Studies in Fuzziness and Soft Computing, 2008, , 243-287.	0.8	3
778	Ontology-Based Fuzzy Semantic Clustering. , 2008, , .		7
779	Novel Algorithm for Coexpression Detection in Time-Varying Microarray Datasets. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2008, 5, 120-135.	3.0	11
780	FOMatch: A Fuzzy Ontology-Based Semantic Matching Algorithm of Publish/Subscribe Systems. , 2008, , .		4
781	Some Measures Relating Partitions Useful for Computational Intelligence. International Journal of Computational Intelligence Systems, 2008, 1, 1-18.	2.7	3
782	Usage of the S-type equivalences in medical data classification. , 2008, , .		0
783	SPECIFICATION AND COMPUTING STATES IN FUZZY ALGORITHMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2008, 16, 301-336.	1.9	10

#	ARTICLE	IF	CITATIONS
784	A MAP CHARACTERIZING THE FUZZY POINTS AND COLUMNS OF A T-INDISTINGUISHABILITY OPERATOR. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2008, 16, 129-145.	1.9	4
785	STRICT FUZZY ORDERINGS WITH A GIVEN CONTEXT OF SIMILARITY. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2008, 16, 147-178.	1.9	15
786	Similarities in Fuzzy Data Mining: From a Cognitive View to Real-World Applications. , 2008, , 349-367.		14
787	FUZZY SIMILARITY AND MEASURE OF SIMILARITY WITH LUKASIEWICZ IMPLICATOR. New Mathematics and Natural Computation, 2008, 04, 191-206.	0.7	5
788	Representing Fuzzy Information by Using XML Schema. , 2008, , .		30
789	Evidence Resolution Using Concept Hierarchies. IEEE Transactions on Fuzzy Systems, 2008, 16, 299-308.	9.8	9
790	Weighted bootstrap for neural model selection. International Journal of Systems Science, 2008, 39, 557-562.	5.5	4
791	Quick building of fuzzy equivalence matrix in granular computing. , 2008, , .		0
793	Utilizing phrase-similarity measures for detecting and clustering informative RSS news articles. Integrated Computer-Aided Engineering, 2008, 15, 331-350.	4.6	21
794	Arrow Index of Fuzzy Choice Function. SSRN Electronic Journal, 0, , .	0.4	0
795	Participatory Learning With Granular Observations. IEEE Transactions on Fuzzy Systems, 2009, 17, 1-13.	9.8	20
796	Study on monitor sorting and recovery based on fuzzy clustering. , 2009, , .		0
797	How to Make $\mathcal{T}$ -Transitive a Proximity Relation. IEEE Transactions on Fuzzy Systems, 2009, 17, 200-207.	9.8	16
798	E-VAGUE POSITIVE CLASS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 137-146.	1.9	2
799	Immune Population Network Algorithm and Its Application in Fuzzy Clustering Analysis. , 2009, , .		0
800	Mehrwertige Anordnungsrelationen in klassischen Mengen. Mathematische Nachrichten, 1974, 63, 205-212.	0.8	6
801	Interval-valued fuzzy relation-based clustering with its application to performance evaluation. Computers and Mathematics With Applications, 2009, 57, 841-849.	2.7	16
802	On similarity and inclusion measures between type-2 fuzzy sets with an application to clustering. Computers and Mathematics With Applications, 2009, 57, 896-907.	2.7	88

#	ARTICLE	IF	CITATIONS
803	Association rules applied to credit card fraud detection. Expert Systems With Applications, 2009, 36, 3630-3640.	7.6	194
804	I-Quest: an intelligent query structuring based on user browsing feedback for semantic retrieval of video data. Multimedia Tools and Applications, 2009, 43, 145-178.	3.9	6
805	A new linear ordering of fuzzy numbers on subsets of $\mathcal{F}(\mathbb{R})$ . Fuzzy Optimization and Decision Making, 2009, 8, 141-163.	5.5	11
806	Fuzzy Dissimilarity and Distance Functions. Fuzzy Information and Engineering, 2009, 1, 205-217.	1.7	3
807	PCA for fuzzy data and similarity classifier in building recognition system for post-operative patient data. Expert Systems With Applications, 2009, 36, 1222-1228.	7.6	18
808	Temporal similarity by measuring possibilistic uncertainty in CBR. Fuzzy Sets and Systems, 2009, 160, 214-230.	2.7	27
809	AlianĀsa: A proposal for a fuzzy database architecture incorporating XML. Fuzzy Sets and Systems, 2009, 160, 269-279.	2.7	18
810	Relational compositions in Fuzzy Class Theory. Fuzzy Sets and Systems, 2009, 160, 1005-1036.	2.7	41
811	A hybrid programming scheme combining fuzzy-logic and functional-logic resources. Fuzzy Sets and Systems, 2009, 160, 1402-1419.	2.7	8
812	Acyclic rationality indicators of fuzzy choice functions. Fuzzy Sets and Systems, 2009, 160, 2673-2685.	2.7	14
813	Computing a T-transitive lower approximation or opening of a proximity relation. Fuzzy Sets and Systems, 2009, 160, 2097-2105.	2.7	4
814	Hybrid genetic algorithms and line search method for industrial production planning with non-linear fitness function. Engineering Applications of Artificial Intelligence, 2009, 22, 767-777.	8.1	57
815	Classification based on fuzzy robust PCA algorithms and similarity classifier. Expert Systems With Applications, 2009, 36, 7463-7468.	7.6	36
816	Maximal fuzzy maps. Information Sciences, 2009, 179, 130-139.	6.9	1
817	I-Fuzzy equivalence relations and I-fuzzy partitions. Information Sciences, 2009, 179, 1278-1297.	6.9	57
818	On a reflexivity-preserving family of cardinality-based fuzzy comparison measures. Information Sciences, 2009, 179, 2342-2352.	6.9	9
819	Connecting a Tenable Mathematical Theory to Models of Fuzzy Phenomena. Studies in Fuzziness and Soft Computing, 2009, , 247-270.	0.8	0
820	Fuzzy Sets and Systems and Philosophy of Science. Studies in Fuzziness and Soft Computing, 2009, , 1-35.	0.8	8

#	ARTICLE	IF	CITATIONS
821	Approximate fuzzy preorders and equivalences. , 2009, , .		5
822	Fuzzy Querying in Intelligent Information Systems. Lecture Notes in Computer Science, 2009, , 536-547.	1.3	5
823	Cognitive network access using fuzzy decision making. IEEE Transactions on Wireless Communications, 2009, 8, 3523-3535.	9.2	45
824	AFS Fuzzy Rough Sets. Studies in Fuzziness and Soft Computing, 2009, , 227-267.	0.8	0
825	An improved classification algorithm on teaching evaluation. , 2009, , .		0
826	A study on triggers of informal communication using questionnaires. , 2009, , .		0
827	Fuzzy ontology generation model using fuzzy clustering for learning evaluation. , 2009, , .		3
828	A Fastening Tool Tracking System Using an IMU and a Position Sensor With Kalman Filters and a Fuzzy Expert System. IEEE Transactions on Industrial Electronics, 2009, 56, 1782-1792.	7.9	114
829	Opportune maintenance and predictive maintenance decision support. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1603-1608.	0.4	6
830	Fuzzy Subsets and Operations. , 2009, , 1-20.		1
831	Drawing reasonable conclusions from information under similarity modelled contexts. International Journal of Granular Computing, Rough Sets and Intelligent Systems, 2009, 1, 81.	0.3	2
832	DESIGNING A LIBRARY FOR COMPUTING [PERFORMANCES] WITH WORDS. , 2009, , .		0
833	Synthesizing correlated RSS news articles based on a fuzzy equivalence relation. International Journal of Web Information Systems, 2009, 5, 77-109.	2.4	6
834	A declarative semantics for CLP with qualification and proximity. Theory and Practice of Logic Programming, 2010, 10, 627-642.	1.5	12
835	Level sets and the representation theorem for intuitionistic fuzzy sets. Soft Computing, 2010, 14, 1-7.	3.6	17
836	Numerical solution of fuzzy relational equations based on smooth fuzzy norms. Soft Computing, 2010, 14, 545-557.	3.6	11
837	Fuzzy tolerance quotient spaces and fuzzy subsets. Science China Information Sciences, 2010, 53, 704-714.	4.3	11
838	A fuzzy opportunity and threat aggregation approach in multicriteria decision analysis. Fuzzy Optimization and Decision Making, 2010, 9, 455-492.	5.5	10

#	ARTICLE	IF	CITATIONS
841	Adaptive learning of ordinalâ€“numerical mappings through fuzzy clustering for the objects of mixed features. Fuzzy Sets and Systems, 2010, 161, 564-577.	2.7	9
842	Equivalent bipolar fuzzy relations. Fuzzy Sets and Systems, 2010, 161, 234-253.	2.7	29
843	Weak and graded properties of fuzzy relations in the context of aggregation process. Fuzzy Sets and Systems, 2010, 161, 216-233.	2.7	10
844	Implication structures, fuzzy subsets, and enriched categories. Fuzzy Sets and Systems, 2010, 161, 1205-1223.	2.7	9
845	On lattice valued up-sets and down-sets. Fuzzy Sets and Systems, 2010, 161, 1699-1710.	2.7	15
846	Heuristic algorithm for interpretation of multi-valued attributes in similarity-based fuzzy relational databases. International Journal of Approximate Reasoning, 2010, 51, 895-911.	3.3	35
847	A robust clustering procedure for fuzzy data. Computers and Mathematics With Applications, 2010, 60, 151-165.	2.7	11
848	Nonlinear fuzzy robust PCA algorithms and similarity classifier in bankruptcy analysis. Expert Systems With Applications, 2010, 37, 8296-8302.	7.6	9
849	A framework for reasoning with soft information. Information Sciences, 2010, 180, 1390-1406.	6.9	10
850	Fuzzy set theory. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 317-332.	3.9	387
851	Finding the maximal membership in a fuzzy set of an element from another fuzzy set. International Journal of General Systems, 2010, 39, 801-811.	2.5	0
852	Degree of monotonicity in aggregation process. , 2010, , .		0
853	On the Suitability of the Bandlerâ€“Kohout Subproduct as an Inference Mechanism. IEEE Transactions on Fuzzy Systems, 2010, 18, 285-298.	9.8	69
854	A NEW FUZZY ADDITIVE RATIO ASSESSMENT METHOD (ARASâ€“F). CASE STUDY: THE ANALYSIS OF FUZZY MULTIPLE CRITERIA IN ORDER TO SELECT THE LOGISTIC CENTERS LOCATION. Transport, 2010, 25, 423-432.	1.2	172
855	Approximating fuzzy preorders and equivalences. A similarity based approach. , 2010, , .		1
856	Arrow Index of a Fuzzy Choice Function. Fundamenta Informaticae, 2010, 99, 245-261.	0.4	4
857	Introducing uncertainty into social simulation: using fuzzy logic for agent-based modelling. International Journal of Reasoning-based Intelligent Systems, 2010, 2, 118.	0.1	16
860	A similarity measure between interval type-2 fuzzy sets. , 2010, , .		11



#	ARTICLE	IF	CITATIONS
861	A similarity measure between general type-2 fuzzy sets and its application in clustering. , 2010, , .		2
862	Concept Representation and Database Structures in Fuzzy Social Relational Networks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 413-419.	2.9	46
863	Trends in Multiple Criteria Decision Analysis. Profiles in Operations Research, 2010, , .	0.4	81
864	Application of Neurofuzzy pattern recognition method in borehole geophysics. Acta Geodaetica Et Geophysica Hungarica, 2010, 45, 417-425.	0.4	9
865	A similarity-based clustering algorithm for fuzzy data. , 2010, , .		0
866	A Framework for Use of Imprecise Categorization in Developing Intelligent Systems. IEEE Transactions on Fuzzy Systems, 2010, , .	9.8	4
867	Activity discovery from video employing soft computing relations. , 2010, , .		4
868	Efficient algorithms for computing a class of subsethood and similarity measures for interval type-2 fuzzy sets. , 2010, , .		5
869	Specificity for interval-valued fuzzy sets. , 2010, , .		0
870	Fuzzy edge detection based on similarity measure in colour image. , 2010, , .		1
871	A direct solution for obtaining a priority vector from interval pairwise comparison matrix. , 2010, , .		0
872	Introducing strong T-transitivity in approximate fuzzy preorders and equivalences. , 2010, , .		1
873	Bridging gaps between several frameworks for the idea of granulation. , 2011, , .		4
874	Fuzzy shortest path problem in cyclic weighted multi-graphs. , 2011, , .		0
875	Fuzzy Approaches to Proportional Fairness. , 2011, , .		0
876	An ontology to represent queries in fuzzy relational databases. , 2011, , .		2
877	The Methods for Uncertainty Modeling. Intelligent Systems Reference Library, 2011, , 41-105.	1.2	4
878	Fuzzy Similarity in Multicriteria Decision-Making Problem Applied to Supplier Evaluation and Selection in Supply Chain Management. Advances in Artificial Intelligence, 2011, 2011, 1-9.	0.9	30

#	ARTICLE	IF	CITATIONS
879	Logical models for the propagation of disparate information and uncertainty across effectivity trees. Integrated Computer-Aided Engineering, 2011, 18, 251-264.	4.6	4
880	Rough Sets, Coverings and Incomplete Information. Fundamenta Informaticae, 2011, 108, 223-247.	0.4	62
881	Bipolar fuzzy graphs. Information Sciences, 2011, 181, 5548-5564.	6.9	287
882	The role of fuzzy sets in decision sciences: Old techniques and new directions. Fuzzy Sets and Systems, 2011, 184, 3-28.	2.7	262
883	Finite-valued indistinguishability operators. International Journal of Approximate Reasoning, 2011, 52, 1018-1033.	3.3	2
884	Correlation cluster validity. , 2011, , .		5
885	A measure based approach to the fusion of possibilistic and probabilistic uncertainty. Fuzzy Optimization and Decision Making, 2011, 10, 91-113.	5.5	50
886	Optimization of interval type-2 fuzzy logic controllers using evolutionary algorithms. Soft Computing, 2011, 15, 1145-1160.	3.6	117
887	Algorithms for computing the optimal transitive approximation of a proximity relation. Soft Computing, 2011, 15, 1023-1038.	3.6	2
888	A comparison of two kinds of definitions of rough approximations based on a similarity relation. Information Sciences, 2011, 181, 2587-2596.	6.9	74
889	An essay on the linguistic roots of fuzzy sets. Information Sciences, 2011, 181, 4061-4074.	6.9	20
890	Interval-valued fuzzy graphs. Computers and Mathematics With Applications, 2011, 61, 289-299.	2.7	159
891	Kernel systems on L-ordered sets. Fuzzy Sets and Systems, 2011, 182, 101-109.	2.7	15
892	Completely lattice L-ordered sets with and without L-equality. Fuzzy Sets and Systems, 2011, 166, 44-55.	2.7	14
893	Numerical representation of product transitive complete fuzzy orderings. Mathematical and Computer Modelling, 2011, 53, 617-623.	2.0	5
894	Interval-Valued Bifuzzy Graphs. , 2011, , .		0
895	A multi-color extraction method based on semantic color model. , 2011, , .		3
896	Fuzzy rule interpolation in embedded behaviour-based control. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
897	Graded equipollence and fuzzy c-measures of finite fuzzy sets. , 2011, , .		3
898	Robust fuzzy cascade control revised: Application to the rotary inverted pendulum. , 2011, , .		4
899	Friendship Dynamics: Modelling Social Relationships through a Fuzzy Agent-Based Simulation. Discrete Dynamics in Nature and Society, 2011, 2011, 1-19.	0.9	15
900	On Generalized Transitive Matrices. Journal of Applied Mathematics, 2011, 2011, 1-16.	0.9	2
901	Dualities and isomorphisms between indistinguishabilities and related concepts. , 2011, , .		4
902	Discretization of fuzzy transitive relations. , 2011, , .		1
903	FUZZY SIMILARITIES TO COMPARE DEFORMED IMAGES. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2011, 19, 863-877.	1.9	2
904	Reflective Full Subcategories of the Category of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1">\langle \text{mml:mrow}>\langle \text{mml:mi}>L</\text{mml:mi}></\text{mml:mrow}></\text{mml:math}>$ -Posets. Abstract and Applied Analysis. 2012, 2012, 1-11.	0.7	1
905	The Research on Multi-Level Theses Evaluation Model Based on Fuzzy Cluster Analysis. Applied Mechanics and Materials, 2012, 190-191, 1083-1089.	0.2	0
906	Rural Drinking Water Security Evaluation and Simulation Based on MATLAB Digital and Vector Processing Technology. Applied Mechanics and Materials, 0, 238, 390-394.	0.2	0
907	Preserving mappings in fuzzy predicate logics. Journal of Logic and Computation, 2012, 22, 1367-1389.	0.8	18
908	Nondeterministic fuzzy operators. , 2012, , .		0
909	Feature-based similarity assessment in ontology using fuzzy set theory. , 2012, , .		4
910	T-indistinguishability operators with respect to ordinal sums. , 2012, , .		1
911	Fuzzy orderings for fuzzy gradual dependencies: Efficient storage of concordance degrees. , 2012, , .		0
912	Supplier evaluation with fuzzy similarity based fuzzy TOPSIS with new fuzzy similarity measure. , 2012, , .		4
913	INDISTINGUISHABILITY OPERATORS WITH RESPECT TO DIFFERENT t-NORMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 167-183.	1.9	5
914	An embedding theorem of hypersemigroups in terms of fuzzy sets. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
915	INVOLVING FUZZY ORDERS FOR MULTI-OBJECTIVE LINEAR PROGRAMMING. Mathematical Modelling and Analysis, 2012, 17, 366-382.	1.5	3
916	The similarity measure between interval type-2 fuzzy sets based on the intersection of their FOUs. , 2012, , .		1
917	Application of fuzzy fault tree analysis for evaluation of railway safety risks: an evaluation of root causes for passenger train derailment. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2012, 226, 14-25.	2.0	46
918	Total Domination Number and Chromatic Number of a Fuzzy Graph. International Journal of Computer Applications, 2012, 52, 6-10.	0.2	2
919	A Similarity Measure between Fuzzy Sets. Applied Mechanics and Materials, 0, 229-231, 2663-2666.	0.2	1
920	Development of a fuzzy multi-criteria facility layout generation model. International Journal of Applied Management Science, 2012, 4, 313.	0.2	6
921	Similarity and Implication between Fuzzy Sets. Studies in Fuzziness and Soft Computing, 2012, , 237-246.	0.8	4
922	I-fuzzy equivalence relation and I-transitive approximations. , 2012, , .		1
923	Powers of indistinguishability operators. , 2012, , .		1
924	A decomposition theorem for T-indistinguishability operators. The continuous strict Archimedean case. , 2012, , .		0
925	Feature selection using Yu's similarity measure and fuzzy entropy measures. , 2012, , .		8
926	T-Transitive Interval-Valued Fuzzy Relations for Clustering. , 2012, , .		1
927	User Profiling Based on Similarity, Trust and Reputation. , 2012, , .		0
928	Graded properties of unary and binary fuzzy connectives. Fuzzy Sets and Systems, 2012, 202, 1-41.	2.7	5
929	Formal concept analysis based on fuzzy granularity base for different granulations. Fuzzy Sets and Systems, 2012, 203, 33-48.	2.7	51
930	Water-Quality Indices Based on Fuzzy Logic and Other Methods of Artificial Intelligence. , 2012, , 79-117.		0
931	More on fuzzy lattices. Computers and Mathematics With Applications, 2012, 64, 2917-2925.	2.7	5
932	Regular bipolar fuzzy graphs. Neural Computing and Applications, 2012, 21, 197-205.	5.6	89

#	ARTICLE	IF	CITATIONS
933	Interval-valued fuzzy line graphs. Neural Computing and Applications, 2012, 21, 145-150.	5.6	55
934	A Mamdani Type Fuzzy Logic Controller. , 0, , .		62
935	Fuzzy Linear Programming: A Modern Tool for Decision Making. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66	0.4	5
936	Data Mining Approaches for Geo-Spatial Big Data. International Journal of Organizational and Collective Intelligence, 2012, 3, 52-71.	0.3	4
937	SZPILRAJN, ARROW AND SUZUMURA: CONCISE PROOFS OF EXTENSION THEOREMS AND AN EXTENSION. Metroeconomica, 2012, 63, 235-249.	1.0	14
938	Possibility theory and formal concept analysis: Characterizing independent sub-contexts. Fuzzy Sets and Systems, 2012, 196, 4-16.	2.7	69
939	Preordered sets valued in a GL-monoid. Fuzzy Sets and Systems, 2012, 187, 1-32.	2.7	31
940	Join-completions of L-ordered sets. Fuzzy Sets and Systems, 2012, 199, 92-107.	2.7	16
941	Graph-based multi-agent decision making. International Journal of Approximate Reasoning, 2012, 53, 502-512.	3.3	23
942	Managing logistics customer service under uncertainty: An integrative fuzzy Kano framework. Information Sciences, 2012, 202, 41-57.	6.9	48
943	Fuzzy equations $\max^*$ with conditionally cancellative operations. Information Sciences, 2012, 206, 18-29.	6.9	2
944	Overview and performance assessment of the clustering methods for electrical load pattern grouping. Energy, 2012, 42, 68-80.	8.8	378
945	Design of Natural Classification Kernels Using Prior Knowledge. IEEE Transactions on Fuzzy Systems, 2012, 20, 135-152.	9.8	12
946	On Z-valuations using Zadeh's Z-numbers. International Journal of Intelligent Systems, 2012, 27, 259-278.	5.7	156
947	L-information systems and complete L-lattices. Neural Computing and Applications, 2013, 23, 1139-1147.	5.6	1
948	Fuzzy-Based Dynamic Distributed Queue Scheduling for Packet Switched Networks. Journal of Computer Science and Technology, 2013, 28, 357-365.	1.5	4
949	Structural analysis of indistinguishability operators and related concepts. Information Sciences, 2013, 241, 85-100.	6.9	8
950	Intuitionistic fuzzy hypergraphs with applications. Information Sciences, 2013, 218, 182-193.	6.9	160

#	ARTICLE	IF	CITATIONS
951	Fuzzy similarities for the optimization of the operational parameters related to ultrasonic phased array probes for industrial application. , 2013, , .		1
952	An efficient time series forecasting model based on fuzzy time series. Engineering Applications of Artificial Intelligence, 2013, 26, 2443-2457.	8.1	78
953	Collective transitivity in majorities based on difference in support. Fuzzy Sets and Systems, 2013, 216, 3-15.	2.7	14
954	A Retrospective Glance from Russia at Wonderland of Fuzziness. Studies in Fuzziness and Soft Computing, 2013, , 31-38.	0.8	0
955	Distance similarity measures for interval-valued hesitant fuzzy sets and their application in multicriteria decision making. Journal of Decision Systems, 2013, 22, 190-201.	3.2	18
956	OWA aggregation of fuzzy similarity relations for journal ranking. , 2013, , .		4
957	Multi-argument fuzzy measures on lattices of fuzzy sets. Knowledge-Based Systems, 2013, 53, 27-39.	7.1	1
958	Increasing continuous operations in fuzzy max- $\hat{\alpha}$ equations and inequalities. Fuzzy Sets and Systems, 2013, 232, 120-133.	2.7	34
959	A fuzzy inference system with application to player selection and team formation in multi-player sports. Sport Management Review, 2013, 16, 97-110.	2.9	70
960	Similarity Relations, Invertibility and Eigenvalues of Intuitionistic Fuzzy Matrix. Fuzzy Information and Engineering, 2013, 5, 431-443.	1.7	15
961	Approximation based fuzzy multi-objective models with expected objectives and chance constraints: Application to earth-rock work allocation. Information Sciences, 2013, 238, 75-95.	6.9	110
962	Possibilistic c-means clustering using fuzzy relations. , 2013, , .		1
963	A Soft Modularity Function For Detecting Fuzzy Communities in Social Networks. IEEE Transactions on Fuzzy Systems, 2013, 21, 1170-1175.	9.8	50
964	A bag theoretic fuzzy count and cardinality of fuzzy sets. , 2013, , .		2
965	Fuzzy $\alpha$ -Ideals of Product Operator on Bounded Fuzzy Lattices. , 2013, , .		2
966	On transitivity of generalized fuzzy matrices. Fuzzy Sets and Systems, 2013, 210, 69-88.	2.7	2
967	Long-term business cycle forecasting through a potential intuitionistic fuzzy least-squares support vector regression approach. Information Sciences, 2013, 224, 37-48.	6.9	39
968	Water quality evaluation of Haihe River with fuzzy similarity measure methods. Journal of Environmental Sciences, 2013, 25, 2041-2046.	6.1	24

#	ARTICLE	IF	CITATIONS
969	Similarity and $(\hat{I}_\pm, \hat{I}_\pm^2)$ -equalities of intuitionistic fuzzy choice functions based on triangular norms. Knowledge-Based Systems, 2013, 53, 185-200.	7.1	2
970	Clustering and visualization of fuzzy communities in social networks. , 2013, , .		7
971	Assessment of semantic similarity of concepts defined in ontology. Information Sciences, 2013, 250, 21-39.	6.9	22
972	An approach to generalization of fuzzy TOPSIS method. Information Sciences, 2013, 238, 149-162.	6.9	76
973	On the relation between fuzzy closing morphological operators, fuzzy consequence operators induced by fuzzy preorders and fuzzy closure and co-closure systems. Fuzzy Sets and Systems, 2013, 218, 73-89.	2.7	14
974	High-order fuzzy-neuro expert system for time series forecasting. Knowledge-Based Systems, 2013, 46, 12-21.	7.1	73
975	The role a fuzzy implication plays in a multi-criteria decision algorithm. International Journal of General Systems, 2013, 42, 111-120.	2.5	6
976	Bipolar fuzzy graphs with applications. Knowledge-Based Systems, 2013, 39, 1-8.	7.1	129
977	Finding an $\alpha$ -representative subset from massive data. , 2013, , .		0
978	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
979	Semantic Color Retrieval of Color Image Based on Fuzzy Clustering. Applied Mechanics and Materials, 2013, 380-384, 3469-3473.	0.2	0
980	Hazmats Transportation Network Design Model with Emergency Response under Complex Fuzzy Environment. Mathematical Problems in Engineering, 2013, 2013, 1-22.	1.1	7
981	A Behavioral Distance for Fuzzy-Transition Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 735-747.	9.8	53
982	A valuation-based method for ranking the intuitionistic fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 2013, 24, 133-144.	1.4	17
983	Multi-Core Parallel Gradual Pattern Mining Based on Multi-Precision Fuzzy Orderings. Algorithms, 2013, 6, 747-761.	2.1	1
984	A Wavelet Relational FuzzyC-Means Algorithm for 2D Gel Image Segmentation. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-13.	1.3	3
985	Intuitionistic Fuzzy Cycles and Intuitionistic Fuzzy Trees. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	31
986	Novel Applications of Intuitionistic Fuzzy Digraphs in Decision Support Systems. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	36

#	ARTICLE	IF	CITATIONS
988	A Transformation-based implementation for CLP with qualification and proximity. Theory and Practice of Logic Programming, 2014, 14, 1-63.	1.5	6
989	Learning similarity measures from data with fuzzy sets and particle swarms. , 2014, , .		7
990	Social Network Database Querying Based on Computing with Words. Studies in Computational Intelligence, 2014, , 241-257.	0.9	6
991	An Improved Clustering Algorithm Using Fuzzy Relation for the Performance Evaluation of Humanistic Systems. International Journal of Intelligent Systems, 2014, 29, 1181-1199.	5.7	6
992	Tuning larger membership grades for fuzzy association rules. , 2014, , .		0
993	Perceptual computing based performance control mechanism for power efficiency in mobile embedded systems. , 2014, , .		19
994	The Shapley value of cooperative games under fuzzy settings: a survey. International Journal of General Systems, 2014, 43, 75-95.	2.5	23
995	Upper and lower generalized factoraggregations based on fuzzy equivalence relation. , 2014, , .		5
996	Vague hypergraphs. Journal of Intelligent and Fuzzy Systems, 2014, 26, 647-653.	1.4	37
997	Regularity in Vague Intersection Graphs and Vague Line Graphs. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	13
998	A Class of Linear Multi-Objective Decision Making Model Based on Level-2 TFNwTFC Coefficients and Its Application to Supplier Selection. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 339-366.	1.9	2
999	An approach to the fuzzification of complete lattices. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2239-2249.	1.4	2
1000	Location and visualization of the communication problems in a simulated Slovenian Armed Forces tactical radio network. Journal of Defense Modeling and Simulation, 2014, 11, 413-430.	1.7	0
1001	Fuzzy Logic Rules Modeling Similarity-based Strict Equality. , 2014, , .		2
1002	REDD+: a carbon stock-flow analysis of the Brazilian Amazon municipalities. Carbon Management, 2014, 5, 557-572.	2.4	0
1003	Homomorphisms between Fuzzy Approximation Spaces Based on Residuated Lattice. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.9	1
1004	Intuitionistic Fuzzy Planar Graphs. Discrete Dynamics in Nature and Society, 2014, 2014, 1-9.	0.9	32
1005	Tropes with a Kantian Flavor. Conceptus, 2014, 41, .	0.0	0



#	ARTICLE	IF	CITATIONS
1006	A new method for ranking fuzzy numbers and its application to group decision making. Applied Mathematical Modelling, 2014, 38, 1563-1582.	4.2	49
1007	A method for deriving order compatible fuzzy relations from convex fuzzy partitions. Fuzzy Sets and Systems, 2014, 239, 91-103.	2.7	5
1008	Two cartesian closed subcategories of fuzzy domains. Fuzzy Sets and Systems, 2014, 238, 102-112.	2.7	10
1009	On approximate-type systems generated by L-relations. Information Sciences, 2014, 281, 8-20.	6.9	15
1010	Transitive and acyclic rationality indicators of fuzzy choice functions on base domain. Social Choice and Welfare, 2014, 42, 341-365.	0.8	2
1011	A note on similarity-based definitions of possibility and probability. Information Sciences, 2014, 267, 334-336.	6.9	39
1012	An effective neural network and fuzzy time series-based hybridized model to handle forecasting problems of two factors. Knowledge and Information Systems, 2014, 38, 669-690.	3.2	31
1013	On $\mathcal{N}$ -hypergraphs. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2937-2944.	1.4	6
1014	Service Selection in Web Service Composition: A Comparative Review of Existing Approaches. , 2014, , 321-346.		62
1015	Fuzzy $\alpha$ -ideals of collapsed sum operator on bounded fuzzy lattices. , 2014, , .		1
1016	Rough approximation of a fuzzy concept on a hybrid attribute information system and its uncertainty measure. Information Sciences, 2014, 284, 60-80.	6.9	27
1017	Games with fuzzy permission structure: A conjunctive approach. Information Sciences, 2014, 278, 510-519.	6.9	11
1018	A heuristic approach for $\hat{\mu}$ -representative information retrieval from large-scale data. Information Sciences, 2014, 277, 825-841.	6.9	6
1019	A method based on shape-similarity for detecting similar opinions in group decision-making. Information Sciences, 2014, 258, 291-311.	6.9	24
1020	Equivalence operators that are associative. Information Sciences, 2014, 281, 281-294.	6.9	5
1021	Identification of intestinal wall abnormalities and ischemia by modeling spatial uncertainty in computed tomography imaging findings. Computer Methods and Programs in Biomedicine, 2014, 117, 30-39.	4.7	6
1022	Quantale-valued preorders: Globalization and cocompleteness. Fuzzy Sets and Systems, 2014, 256, 236-251.	2.7	20
1023	Fuzzy m-ary adjacency relations in social network analysis: Optimization and consensus evaluation. Information Fusion, 2014, 17, 36-45.	19.1	37

#	ARTICLE	IF	CITATIONS
1024	FUZZY HOMOMORPHISM IN FUZZY LATTICES PRESERVING IDEALS. , 2014, , .		1
1025	Fuzzy Operands of Semigroups. Fuzzy Information and Engineering, 2014, 6, 235-244.	1.7	0
1026	A frequentist view on cycle-transitivity of reciprocal relations. Fuzzy Sets and Systems, 2015, 281, 198-218.	2.7	11
1027	Kansei Clustering Using Fuzzy and Grey Relation Algorithms. Journal of Interdisciplinary Mathematics, 2015, 18, 719-735.	0.7	7
1028	Reduction of a Set of Fuzzy Classifiers by Equivalence Classes. , 2015, , .		0
1029	Domination in vague graphs and Applications. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1933-1940.	1.4	54
1030	Where Rough Sets and Fuzzy Sets Meet. Fundamenta Informaticae, 2015, 142, 269-284.	0.4	2
1031	Generalizing Two Structure Theorems of Lie Algebras to the Fuzzy Lie Algebras. Journal of Generalized Lie Theory and Applications, 2015, 09, .	0.1	0
1032	A mixed fuzzy probabilistic approach for risk assessment of dynamic systems. IFAC-PapersOnLine, 2015, 48, 960-965.	0.9	7
1033	Upper and lower approximations of general aggregation operators based on fuzzy rough sets. , 2015, , .		0
1034	Application of the Forgotten Effects Model to the Economic Effects for Public European Health Systems by the Early Diagnostics of Emergent and Rare Diseases. Procedia Economics and Finance, 2015, 22, 10-19.	0.6	3
1035	Structures of Opposition in Fuzzy Rough Sets. Fundamenta Informaticae, 2015, 142, 1-19.	0.4	15
1036	Cluster Analysis Based on T-transitive Interval-Valued Fuzzy Relations. International Journal of Intelligent Systems, 2015, 30, 1083-1100.	5.7	1
1037	On Q-rationality of Fuzzy Choice Functions on Base Domains. Fundamenta Informaticae, 2015, 139, 127-151.	0.4	0
1038	New Closeness Coefficients for Fuzzy Similarity Based Fuzzy TOPSIS: An Approach Combining Fuzzy Entropy and Multidistance. Advances in Fuzzy Systems, 2015, 2015, 1-12.	0.9	10
1039	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
1040	Fuzzy logic a personal perspective. Fuzzy Sets and Systems, 2015, 281, 4-20.	2.7	237
1042	Medical Edge Detection Combining Fuzzy Mathematical Morphology with Interval-Valued Relations. Advances in Intelligent Systems and Computing, 2015, , 229-239.	0.6	1

#	ARTICLE	IF	CITATIONS
1043	Comparative study of Mamdani & Takagi-Sugeno models for spectrum access in cognitive radio networks. , 2015, , .		2
1044	Improved online fuzzy clustering based on unconstrained kernels. , 2015, , .		4
1045	Well-graded families of fuzzy sets. , 2015, , .		0
1046	Fuzzy graph coloring via semi-tensor product method. , 2015, , .		2
1047	Integrated Water-Quality Assessment of the Huai River Basin in China. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	12
1048	Gray Scale Edge Detection using Interval-Valued Fuzzy Relations. International Journal of Computational Intelligence Systems, 2015, 8, 16.	2.7	5
1049	Some new concepts on highly irregular vague graphs. , 2015, , .		0
1050	Approximating Arbitrary Fuzzy Subsets by Extensional Ones. IEEE Transactions on Fuzzy Systems, 2015, 23, 617-626.	9.8	2
1051	Inconsistency Management from the Standpoint of Possibilistic Logic. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 15-30.	1.9	8
1052	Symbolic Representation of Text Documents Using Multiple Kernel FCM. Lecture Notes in Computer Science, 2015, , 93-102.	1.3	3
1053	Triple-acyclicity in majorities based on difference in support. Information Sciences, 2015, 299, 209-220.	6.9	3
1054	Bridges Between Contextual Linguistic Models of Vagueness and T-Norm Based Fuzzy Logic. Outstanding Contributions To Logic, 2015, , 91-114.	0.3	1
1055	Fuzzy dissimilarity and generalization of Valverde's theorem on T-indistinguishability relations. Fuzzy Sets and Systems, 2015, 275, 144-154.	2.7	6
1057	A model-based fuzzy set-OWA approach for integrated air pollution risk assessment. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1413-1426.	4.0	17
1058	Some sets of indistinguishability operators as multiresolution families. Information Sciences, 2015, 319, 38-55.	6.9	2
1059	Bipolar Fuzzy Graphs with Categorical Properties. International Journal of Computational Intelligence Systems, 2015, 8, 808.	2.7	79
1060	Types of fuzzy ideals in fuzzy lattices. Journal of Intelligent and Fuzzy Systems, 2015, 28, 929-945.	1.4	5
1061	Granular Geometry. Studies in Fuzziness and Soft Computing, 2015, , 79-115.	0.8	3

#	ARTICLE	IF	CITATIONS
1062	Fuzzy Clustering “ Basic Ideas and Overview. , 2015, , 239-248.		2
1063	Soft Computing in Database and Information Management. , 2015, , 295-312.		4
1064	Generation and Characterization of Fuzzy $T$ -preorders. Applied Artificial Intelligence, 2015, 29, 514-530.	3.2	6
1065	A Logical Study of Local and Global Graded Similarities. Applied Artificial Intelligence, 2015, 29, 424-444.	3.2	1
1066	L-ordered and L-lattice ordered groups. Information Sciences, 2015, 314, 118-134.	6.9	10
1067	A geometric examination of majorities based on difference in support. Social Choice and Welfare, 2015, 45, 123-153.	0.8	0
1068	An interval type-2 fuzzy extension of the TOPSIS method using alpha cuts. Knowledge-Based Systems, 2015, 83, 116-127.	7.1	71
1069	A Fuzzy Probabilistic Method for Medical Diagnosis. Journal of Medical Systems, 2015, 39, 26.	3.6	8
1070	An entropy measure definition for finite interval-valued hesitant fuzzy sets. Knowledge-Based Systems, 2015, 84, 121-133.	7.1	44
1071	Efficient Skyline computation for optimal service composition with fuzzy preference relationships. , 2015, , .		1
1072	Conditional extensions of fuzzy preorders. Fuzzy Sets and Systems, 2015, 278, 3-19.	2.7	3
1073	Clustering Methods Based on Weighted Quasi-Arithmetic Means of T-Transitive Fuzzy Relations. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 715-733.	1.9	2
1074	The legacy of 50 years of fuzzy sets: A discussion. Fuzzy Sets and Systems, 2015, 281, 21-31.	2.7	40
1075	The posterity of Zadeh's 50-year-old paper. , 2015, , .		0
1076	Fuzzy Numbers. Studies in Fuzziness and Soft Computing, 2015, , 1-26.	0.8	0
1077	The Information Principle. Information Sciences, 2015, 294, 540-549.	6.9	22
1078	A hybrid group decision support system for supplier selection using analytic hierarchy process, fuzzy set theory and neural network. Journal of Computational Science, 2015, 6, 23-33.	2.9	129
1079	Certain types of vague cycles and vague trees. Journal of Intelligent and Fuzzy Systems, 2015, 28, 621-631.	1.4	9

#	ARTICLE	IF	CITATIONS
1080	Graded dominance and related graded properties of fuzzy connectives. Fuzzy Sets and Systems, 2015, 262, 78-101.	2.7	13
1081	$\mathbb{P}$ -FuzzyTrust: Efficient trust computation for large-scale mobile social networks using a fuzzy implicit social graph. Information Sciences, 2015, 318, 123-143.	6.9	38
1082	On fuzzy-valued operations and fuzzy-valued fuzzy sets. Fuzzy Sets and Systems, 2015, 268, 72-92.	2.7	12
1083	Self centered interval-valued fuzzy graphs. Afrika Matematika, 2015, 26, 887-898.	0.8	14
1084	Closedness of the category of liminf complete fuzzy orders. Fuzzy Sets and Systems, 2016, 282, 86-98.	2.7	9
1085	Bezier curve modeling for intuitionistic fuzzy data problem. AIP Conference Proceedings, 2016, , .	0.4	4
1086	Fuzzy ideals of ordered semigroups with fuzzy orderings. Open Mathematics, 2016, 14, 841-856.	1.0	2
1087	Certain Concepts in m-Polar Fuzzy Graph Structures. Discrete Dynamics in Nature and Society, 2016, 2016, 1-9.	0.9	1
1088	Application of Bipolar Fuzzy Sets in Graph Structures. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-13.	2.3	23
1089	On m-polar fuzzy graph structures. SpringerPlus, 2016, 5, 1448.	1.2	15
1090	Can Fuzzy Relational Calculus Bring Complex Issues in Selection of Examiners into Focus?. Journal of Intelligent Systems, 2016, 25, 85-97.	1.6	3
1091	A hybrid construction method based on weight functions to obtain interval-valued fuzzy relations. Mathematical Methods in the Applied Sciences, 2016, 39, 4723-4735.	2.3	5
1092	Compatibility of Fuzzy Relations. International Journal of Intelligent Systems, 2016, 31, 240-256.	5.7	10
1093	Fuzzy soft graphs with applications. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3619-3632.	1.4	49
1094	Representability of Fuzzy Biorders and Fuzzy Weak Orders. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2016, 24, 917-935.	1.9	4
1095	An algorithm for computing certain metrics in intuitionistic fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2405-2416.	1.4	37
1096	Edge regular intuitionistic fuzzy soft graphs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 1881-1895.	1.4	8
1097	Faces and dual of m-polar fuzzy planar graphs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2043-2049.	1.4	43

#	ARTICLE	IF	CITATIONS
1098	Isomorphic properties of neighborly irregular vague graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3261-3270.	1.4	1
1099	Vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3291-3299.	1.4	22
1100	Some properties of vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3423-3430.	1.4	3
1101	Vertex-coloring of fuzzy graphs: A new approach. Journal of Intelligent and Fuzzy Systems, 2016, 30, 883-893.	1.4	7
1102	Operations on Intuitionistic Fuzzy Graph Structures. Fuzzy Information and Engineering, 2016, 8, 389-410.	1.7	25
1103	Intuitionistic fuzzy similarity measure: Theory and applications. Journal of Intelligent and Fuzzy Systems, 2016, 30, 821-829.	1.4	10
1104	Impact of Weight Initialization on Multilayer Perceptron Using Fuzzy Similarity Quality Measure. Communications in Computer and Information Science, 2016, , 115-122.	0.5	1
1105	The Relationship between $\hat{1}$ -completions and Formal L-contexts over an L-ordered Set. Procedia Computer Science, 2016, 102, 18-25.	2.0	3
1106	Range-valued fuzzy colouring of interval-valued fuzzy graphs. Pacific Science Review A Natural Science and Engineering, 2016, 18, 169-177.	0.4	1
1107	Fuzzy recurrence plots. Europhysics Letters, 2016, 116, 50008.	2.0	49
1108	Business, industrial marketing and uncertainty. Journal of Business and Industrial Marketing, 2016, 31, 325-327.	3.0	12
1109	Uncertainty quantification in dynamic system risk assessment: a new approach with randomness and fuzzy theory. International Journal of Production Research, 2016, 54, 5862-5885.	7.5	35
1110	The Emergence of Fuzzy Sets: A Historical Perspective. Studies in Fuzziness and Soft Computing, 2016, , 3-19.	0.8	2
1111	Preservation of fuzzy relation properties based on fuzzy conjunctions and disjunctions during aggregation process. Fuzzy Sets and Systems, 2016, 291, 98-113.	2.7	22
1112	A technical note on two inconsistency indices for preference relations: A case of functional relation. Information Sciences, 2016, 357, 1-5.	6.9	12
1113	Fuzzy relations between Dempster-Shafer belief structures. Knowledge-Based Systems, 2016, 105, 60-67.	7.1	7
1114	A framework for radial data comparison and its application to fingerprint analysis. Applied Soft Computing Journal, 2016, 46, 246-259.	7.2	7
1115	A Survey of Atanassov's Intuitionistic Fuzzy Relations. Studies in Fuzziness and Soft Computing, 2016, , 65-78.	0.8	1

#	ARTICLE	IF	CITATIONS
1116	Efficacy of Fuzzy-Stat Modelling in Classification of Gynaecologists and Patients. Journal of Intelligent Systems, 2016, 25, 147-157.	1.6	4
1118	Monte Carlo simulation to solve fuzzy dynamic fault tree*. IFAC-PapersOnLine, 2016, 49, 1886-1891.	0.9	17
1119	Some properties of m-polar fuzzy graphs. Pacific Science Review A Natural Science and Engineering, 2016, 18, 38-46.	0.4	19
1120	Semi global domination sets in vague graphs with application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3645-3652.	1.4	20
1121	Regularity of vague graphs. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3681-3689.	1.4	34
1122	New concepts of vague competition graphs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 69-75.	1.4	8
1123	Interval-valued fuzzy threshold graph. Pacific Science Review A Natural Science and Engineering, 2016, 18, 66-71.	0.4	10
1124	Bonferroni mean based similarity based TOPSIS. , 2016, , .		2
1125	Irregular intuitionistic fuzzy graphs. AIP Conference Proceedings, 2016, , .	0.4	2
1126	On fuzzy $\hat{\pm}$ -lattices. , 2016, , .		1
1127	Equivalence operators in nilpotent systems. Fuzzy Sets and Systems, 2016, 299, 113-129.	2.7	8
1128	A modified fuzzy relational model approach to prediction of Foreign Exchange rates. , 2016, , .		5
1129	Financial management of Public Private Partnership projects using artificial intelligence and fuzzy model. International Journal of Energy and Statistics, 2016, 04, 1650007.	0.5	10
1130	Similarity Measures for Radial Data. Communications in Computer and Information Science, 2016, , 599-611.	0.5	0
1131	Fuzzy equivalence relation and its multigranulation spaces. Information Sciences, 2016, 346-347, 44-57.	6.9	24
1132	Certain Metrics in $m$ -Polar Fuzzy Graphs. New Mathematics and Natural Computation, 2016, 12, 135-155.	0.7	31
1133	Fuzzy preorders: conditional extensions, extensions and their representations. Fuzzy Optimization and Decision Making, 2016, 15, 371-396.	5.5	1
1134	Probabilities of Consistent Election Outcomes with Majorities Based on Difference in Support. Group Decision and Negotiation, 2016, 25, 967-994.	3.3	0

#	ARTICLE	IF	CITATIONS
1135	Interval-valued fuzzy planar graphs. International Journal of Machine Learning and Cybernetics, 2016, 7, 653-664.	3.6	82
1136	A Fuzzy Kernel Motion Classifier for Autonomous Stroke Rehabilitation. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 893-901.	6.3	31
1137	Maxima and minima in fuzzified linear orderings. Fuzzy Sets and Systems, 2016, 289, 82-93.	2.7	2
1138	Product of bipolar fuzzy graphs and their degree. International Journal of General Systems, 2016, 45, 1-14.	2.5	61
1139	Fuzzy Time Series Modeling Approaches: A Review. Studies in Fuzziness and Soft Computing, 2016, , 11-39.	0.8	2
1140	A Kansei evaluation approach based on the technique of computing with words. Advanced Engineering Informatics, 2016, 30, 1-15.	8.0	55
1141	A Review of Fuzzy Sets in Decision Sciences: Achievements, Limitations and Perspectives. Profiles in Operations Research, 2016, , 637-691.	0.4	5
1142	Automatic Classification Method Based on a Fuzzy Similarity Relation. Cybernetics and Systems Analysis, 2016, 52, 30-37.	0.7	9
1143	On similarity in fuzzy description logics. Fuzzy Sets and Systems, 2016, 292, 49-74.	2.7	1
1144	Histogram ranking with generalised similarity-based TOPSIS applied to patent ranking. International Journal of Operational Research, 2016, 25, 437.	0.2	7
1145	Rough ideals under relations associated to fuzzy ideals. Information Sciences, 2016, 352-353, 121-132.	6.9	1
1146	On partially included intuitionistic fuzzy rough relations. Afrika Matematika, 2016, 27, 993-1001.	0.8	4
1147	General aggregation operators based on a fuzzy equivalence relation in the context of approximate systems. Fuzzy Sets and Systems, 2016, 291, 114-131.	2.7	5
1148	Supplier selection for development of petroleum industry facilities, applying multi-criteria decision making techniques including fuzzy and intuitionistic fuzzy TOPSIS with flexible entropy weighting. Journal of Natural Gas Science and Engineering, 2016, 28, 594-612.	4.4	99
1149	Fuzzy Modeling of Single Machine Scheduling Problems Including the Learning Effect. Operations Research/ Computer Science Interfaces Series, 2016, , 315-348.	0.3	2
1150	Bridging gaps between several forms of granular computing. Granular Computing, 2016, 1, 115-126.	8.0	110
1151	Shapes classification of dust deposition using fuzzy kernel-based approaches. Measurement: Journal of the International Measurement Confederation, 2016, 77, 344-350.	5.0	20
1152	A clone-based representation of the fuzzy tolerance or equivalence relations a strict order relation is compatible with. Fuzzy Sets and Systems, 2016, 296, 35-50.	2.7	6



#	ARTICLE	IF	CITATIONS
1153	Multi-distance and Fuzzy Similarity Based Fuzzy TOPSIS. Studies in Computational Intelligence, 2016, , 227-244.	0.9	1
1154	Answering Approximate Queries Over XML Data. IEEE Transactions on Fuzzy Systems, 2016, 24, 288-305.	9.8	23
1156	A Categorical Isomorphism Between Injective Stratified Fuzzy $T_0$ Spaces and Fuzzy Continuous Lattices. IEEE Transactions on Fuzzy Systems, 2016, 24, 131-139.	9.8	16
1157	Can fuzzy set theory bring complex issues in sizing air quality monitoring network into focus?. International Journal of Systems Assurance Engineering and Management, 2017, 8, 2118-2128.	2.4	5
1158	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
1159	New concepts of vague graphs. International Journal of Machine Learning and Cybernetics, 2017, 8, 1081-1092.	3.6	29
1160	Certain types of irregular m-polar fuzzy graphs. Journal of Applied Mathematics and Computing, 2017, 53, 365-382.	2.5	30
1161	Application of Bipolar Fuzzy Sets in Planar Graphs. International Journal of Applied and Computational Mathematics, 2017, 3, 773-785.	1.6	10
1162	A Class of Level-2 Fuzzy Decision-Making Model with Expected Objectives and Chance Constraints: Application to Supply Chain Network Design. International Journal of Information Technology and Decision Making, 2017, 16, 907-938.	3.9	4
1163	Quantale algebras as lattice-valued quantales. Soft Computing, 2017, 21, 2561-2574.	3.6	6
1164	Ranking Interval-Valued Fuzzy Numbers with Intuitionistic Fuzzy Possibility Degree and Its Application to Fuzzy Multi-Attribute Decision Making. International Journal of Fuzzy Systems, 2017, 19, 646-658.	4.0	15
1165	The double power monad is the composite power monad. Fuzzy Sets and Systems, 2017, 313, 25-42.	2.7	4
1166	Novel concepts of bipolar fuzzy competition graphs. Journal of Applied Mathematics and Computing, 2017, 54, 511-547.	2.5	44
1167	On the T-transitivity of fuzzy similarity measures. Fuzzy Sets and Systems, 2017, 322, 54-69.	2.7	11
1168	An interval-valued hesitant fuzzy multigranulation rough set over two universes model for steam turbine fault diagnosis. Applied Mathematical Modelling, 2017, 42, 693-704.	4.2	41
1169	Characterization of unidimensional averaged similarities. Journal of Applied Logic, 2017, 23, 16-26.	1.1	1
1170	Operations on single valued neutrosophic graphs with application. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2137-2151.	1.4	36
1171	A new mathematical framework and spatial decision support system for modeling cascade interdependency of critical infrastructure during geo-disasters. Journal of Earth Science (Wuhan), 2017, 38, 1074-1084.	0.784314	1

#	ARTICLE	IF	CITATIONS
1172	The category of algebraic fuzzy closure L-systems on fuzzy complete lattices. Journal of Intelligent and Fuzzy Systems, 2017, 32, 737-748.	1.4	1
1173	Rough Information Set and Its Applications in Decision Making. IEEE Transactions on Fuzzy Systems, 2017, 25, 265-276.	9.8	28
1174	New approaches on some fuzzy algebraic structures. Journal of Intelligent and Fuzzy Systems, 2017, 32, 579-587.	1.4	1
1175	Using Fuzzy Ontology to Improve Similarity Assessment: Method and Evaluation. International Journal of Intelligent Systems, 2017, 32, 1167-1186.	5.7	2
1176	Novel applications of m-polar fuzzy hypergraphs. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2747-2762.	1.4	24
1177	A representation theorem for infinite fuzzy distributive lattices. Journal of Intelligent and Fuzzy Systems, 2017, 32, 35-42.	1.4	0
1178	A Road Departure Warning System Based on Video Motion Analysis and Fuzzy Logic. International Journal of Intelligent Systems, 2017, 32, 830-842.	5.7	3
1179	Quick attribute reduction with generalized indiscernibility models. Information Sciences, 2017, 397-398, 15-36.	6.9	18
1180	IETM centered intelligent maintenance system integrating fuzzy semantic inference and data fusion. Microelectronics Reliability, 2017, 75, 197-204.	1.7	18
1181	Selecting firms in University technoparks: A hesitant linguistic fuzzy TOPSIS model for heterogeneous contexts. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1155-1172.	1.4	34
1182	Incomplete information and concept lattices. International Journal of General Systems, 2017, 46, 235-274.	2.5	2
1183	A novel fuzzy approach for automatic Brunnstrom stage classification using surface electromyography. Medical and Biological Engineering and Computing, 2017, 55, 1367-1378.	2.8	23
1184	From fuzzy recurrence plots to scalable recurrence networks of time series. Europhysics Letters, 2017, 118, 20003.	2.0	21
1185	On intuitionistic fuzzy soft graphs. AIP Conference Proceedings, 2017, , .	0.4	1
1186	A fuzzy similarity measure based on equivalence relation with application in cluster analysis. International Journal of Computers and Applications, 2017, 39, 148-154.	1.3	5
1187	Fuzzy implication functions based on powers of continuous t-norms. International Journal of Approximate Reasoning, 2017, 83, 265-279.	3.3	32
1188	Based on rough set and fuzzy clustering of MRI brain segmentation. International Journal of Biomathematics, 2017, 10, 1750026.	2.9	13
1189	Fuzzy topological digital space and their properties of flat electroencephalography in epilepsy disease. Journal of Physics: Conference Series, 2017, 890, 012114.	0.4	1

#	ARTICLE	IF	CITATIONS
1190	Novel Applications of m-Polar Fuzzy Concept Lattice. New Mathematics and Natural Computation, 2017, 13, 261-287.	0.7	17
1191	The Meet-continuity of L-semilattices. Electronic Notes in Theoretical Computer Science, 2017, 333, 123-141.	0.9	2
1192	Transversals of m-polar fuzzy hypergraphs with applications. Journal of Intelligent and Fuzzy Systems, 2017, 33, 351-364.	1.4	21
1193	Certain networks models using single-valued neutrosophic directed hypergraphs. Journal of Intelligent and Fuzzy Systems, 2017, 33, 575-588.	1.4	16
1194	On the connection of fuzzy hypergraph with fuzzy information system. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1665-1676.	1.4	8
1195	Ordered weighted aggregation of fuzzy similarity relations and its application to detecting water treatment plant malfunction. Engineering Applications of Artificial Intelligence, 2017, 66, 17-29.	8.1	15
1196	Classification of EEG signals for epileptic seizures using hybrid artificial neural networks based wavelet transforms and fuzzy relations. Expert Systems With Applications, 2017, 88, 419-434.	7.6	74
1197	Information sciences 1968â€“2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	6.9	163
1198	On cardinalities of finite interval-valued hesitant fuzzy sets. Information Sciences, 2017, 418-419, 421-431.	6.9	9
1199	Research on PD detection of 12kV switchgear based on fuzzy logic algorithm. , 2017, , .		0
1200	Certain Algorithms for Computing Strength of Competition in Bipolar Fuzzy Graphs. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2017, 25, 877-896.	1.9	31
1201	Ranking of System Elements Based on Fuzzy Relation of Influence and Transitive Closure. Cybernetics and Systems Analysis, 2017, 53, 57-66.	0.7	2
1202	An improved fuzzy mutual information feature selection for classification systems. , 2017, , .		1
1203	A Clustering Algorithm Based on Intuitionistic Fuzzy Relations for Tree Structure Evaluation. International Journal of Applied and Computational Mathematics, 2017, 3, 3131-3145.	1.6	0
1204	Information Theory Applications in Soft Computing. Studies in Fuzziness and Soft Computing, 2017, , 81-97.	0.8	1
1205	Intuitionistic fuzzy soft graphs with applications. Journal of Applied Mathematics and Computing, 2017, 55, 369-392.	2.5	32
1206	Hierarchical clustering of interval-valued intuitionistic fuzzy relations and its application to elicit criteria weights in MCDM problems. Opsearch, 2017, 54, 388-416.	1.8	5
1207	A non-frame valued Cartesian closed category of liminf complete fuzzy orders. Fuzzy Sets and Systems, 2017, 321, 50-54.	2.7	3

#	ARTICLE	IF	CITATIONS
1208	Yoneda completeness and flat completeness of ordered fuzzy sets. Fuzzy Sets and Systems, 2017, 313, 1-24.	2.7	10
1209	Multi-item imperfect production inventory model in Bi-fuzzy environments. Opsearch, 2017, 54, 260-282.	1.8	14
1210	On fuzzification of Tarski's fixed point theorem without transitivity. Fuzzy Sets and Systems, 2017, 320, 93-113.	2.7	2
1211	Neutrosophic soft graphs with application. Journal of Intelligent and Fuzzy Systems, 2017, 32, 841-858.	1.4	63
1212	$m$ -polar fuzzy graphs and $m$ -polar fuzzy line graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 1597-1617.	0.8	33
1213	Scott convergence and fuzzy Scott topology on L-posets. Open Mathematics, 2017, 15, 815-827.	1.0	1
1214	Kinds of $t$ -fuzzy Filters of Fuzzy Lattices. Fuzzy Information and Engineering, 2017, 9, 325-343.	1.7	1
1215	The Fixed Point Property for Intuitionistic Fuzzy Lattices. Fuzzy Information and Engineering, 2017, 9, 359-380.	1.7	0
1216	Comparison of measures of specificity of Z-numbers. Procedia Computer Science, 2017, 120, 466-472.	2.0	6
1217	Almost Boolean fuzzy rings. Journal of Physics: Conference Series, 2017, 814, 012009.	0.4	0
1218	Hyperspectrum comparison using similarity measures. , 2017, , .		1
1219	The category of algebraic L-closure systems. Journal of Intelligent and Fuzzy Systems, 2017, 33, 2199-2210.	1.4	1
1220	Complete many-valued lattices. , 2017, , .		0
1221	Fuzzy rough feature selection based on OWA aggregation of fuzzy relations. , 2017, , .		2
1222	A fuzzy classifier approach using equivalence relations on faculty performance analysis. , 2017, , .		0
1223	On fuzzy implication functions defined using powers of continuous t-norms. , 2017, , .		0
1224	A novel clustering algorithm based on fitness proportionate sharing. , 2017, , .		7
1225	Certain Concepts in Intuitionistic Neutrosophic Graph Structures. Information (Switzerland), 2017, 8, 154.	2.9	10

#	ARTICLE	IF	CITATIONS
1226	Certain Concepts of Bipolar Fuzzy Directed Hypergraphs. Mathematics, 2017, 5, 17.	2.2	13
1227	Applications of Water-Soluble Polymers in Turbulent Drag Reduction. Processes, 2017, 5, 24.	2.8	46
1228	New Applications of m-Polar Fuzzy Matroids. Symmetry, 2017, 9, 319.	2.2	19
1229	Spatio-Temporal Behavior Analysis and Pheromone-Based Fusion Model for Big Trace Data. ISPRS International Journal of Geo-Information, 2017, 6, 151.	2.9	4
1230	Morphism of m-Polar Fuzzy Graph. Advances in Fuzzy Systems, 2017, 2017, 1-9.	0.9	9
1231	Formal equivalence classes model of fuzzy relational databases using relational calculus. , 2017, , .		1
1232	Extended Concept of Generalized Fuzzy Rough Sets on Asymmetric Fuzzy Coverings. , 2017, , .		1
1233	Pseudo strong equality indices for interval-valued fuzzy sets with respect to admissible orders. , 2017, , .		0
1234	A possibilistic programming approach based on trapezoidal possibility distribution and its application in oil field exploitation. , 2017, , .		1
1235	A novel model to determine the optimal number of servers in finite input source fuzzy queueing system. , 2017, , .		1
1236	Graph Structures in Bipolar Neutrosophic Environment. Mathematics, 2017, 5, 60.	2.2	3
1237	Managing Non-Homogeneous Information and Experts's Psychological Behavior in Group Emergency Decision Making. Symmetry, 2017, 9, 234.	2.2	25
1238	Multiple Relations and its Application in Medical Diagnosis. International Journal of Fuzzy System Applications, 2017, 6, 47-62.	0.7	1
1239	Genus value of m-polar fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1947-1957.	1.4	26
1240	Lattice-valued F-transforms and similarity relations. Fuzzy Sets and Systems, 2018, 342, 67-89.	2.7	12
1241	Extensionality with Respect to Indistinguishability Operators. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2018, 26, 217-232.	1.9	4
1242	Input optimization of ANFIS typhoon inundation forecast models using a Multi-Objective Genetic Algorithm. Journal of Hydro-Environment Research, 2018, 19, 16-27.	2.2	14
1243	Uncertainty assessment of porosity and permeability by clustering algorithm and fuzzy arithmetic. Journal of Petroleum Science and Engineering, 2018, 161, 275-290.	4.2	13

#	ARTICLE	IF	CITATIONS
1244	Bipolar fuzzy circuits with applications. Journal of Intelligent and Fuzzy Systems, 2018, 34, 547-558.	1.4	13
1245	Pattern analysis and classification of blood oxygen saturation signals with nonlinear dynamics features. , 2018, , .		2
1246	Evaluation method based on fuzzy relations between Dempster-Shafer belief structure. International Journal of Intelligent Systems, 2018, 33, 1343-1363.	5.7	61
1247	Generalized Fuzzy Relations. New Mathematics and Natural Computation, 2018, 14, 187-202.	0.7	7
1248	Knowledge distance measure in multigranulation spaces of fuzzy equivalence relations. Information Sciences, 2018, 448-449, 18-35.	6.9	37
1249	Novel intuitionistic fuzzy soft multiple-attribute decision-making methods. Neural Computing and Applications, 2018, 29, 435-447.	5.6	44
1250	Novel applications of bipolar fuzzy graphs to decision making problems. Journal of Applied Mathematics and Computing, 2018, 56, 73-91.	2.5	30
1251	Fuzzy topologies generated by fuzzy relations. Soft Computing, 2018, 22, 373-385.	3.6	2
1252	Granular variable precision L-fuzzy rough sets based on residuated lattices. Fuzzy Sets and Systems, 2018, 336, 148-166.	2.7	21
1253	Fuzzy topological spaces with conical neighborhood systems. Fuzzy Sets and Systems, 2018, 330, 87-104.	2.7	14
1254	Novel applications of m-polar fuzzy competition graphs in decision support system. Neural Computing and Applications, 2018, 30, 3145-3165.	5.6	26
1255	Distribution-Based Behavioral Distance for Nondeterministic Fuzzy Transition Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 416-429.	9.8	11
1256	Algorithmic and logical characterizations of bisimulations for non-deterministic fuzzy transition systems. Fuzzy Sets and Systems, 2018, 333, 106-123.	2.7	24
1257	Ranks of fuzzy matrices. Applications in state reduction of fuzzy automata. Fuzzy Sets and Systems, 2018, 333, 124-139.	2.7	9
1258	On the characterization of fuzzy rough sets based on a pair of implications. International Journal of Machine Learning and Cybernetics, 2018, 9, 2081-2092.	3.6	2
1259	Texture Classification and Visualization of Time Series of Gait Dynamics in Patients With Neuro-Degenerative Diseases. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 188-196.	4.9	41
1260	Multiple attribute similarity hypermatching. Soft Computing, 2018, 22, 2463-2469.	3.6	3
1261	On ( $\tilde{\mathcal{A}}$ -fuzzy rough sets based on residuated and co-residuated lattices. Fuzzy Sets and Systems, 2018, 336, 54-86.	2.7	30

#	ARTICLE	IF	CITATIONS
1262	On the measure of M-rough approximation of L-fuzzy sets. Soft Computing, 2018, 22, 3843-3855.	3.6	18
1263	The L -ordered semigroups based on L -partial orders. Fuzzy Sets and Systems, 2018, 339, 31-50.	2.7	6
1264	Aggregation of diverse types of fuzzy orders for decision making problems. Information Sciences, 2018, 424, 317-336.	6.9	9
1265	What a Fuzzy Set Is and What It Is not?. Studies in Computational Intelligence, 2018, , 1-20.	0.9	0
1266	Reduction of attributes in averaged similarities. Information Sciences, 2018, 426, 117-130.	6.9	4
1267	A Novel Decision-Making Method Based on Rough Fuzzy Information. International Journal of Fuzzy Systems, 2018, 20, 1000-1014.	4.0	73
1268	Computation of the greatest right and left invariant fuzzy quasi-orders and fuzzy equivalences. Fuzzy Sets and Systems, 2018, 339, 99-118.	2.7	17
1269	An application of fuzzy hypergraphs and hypergraphs in granular computing. Information Sciences, 2018, 429, 296-314.	6.9	27
1270	On Soft Graphs and Chained Soft Graphs. International Journal of Fuzzy System Applications, 2018, 7, 85-102.	0.7	0
1271	A Bibliometric Overview of the Research Impact of Lotfi A. Zadeh. , 2018, , .		0
1272	Modeling Irrational Consumer Behaviors with Cognitive Maps : An Outline of a Framework. , 2018, , .		0
1273	An Overview of FHSI: Fuzzy Color Space for Image Retrieval and Modeling Aesthetic Perceptions. , 2018, , .		2
1274	Coping with uncertainties in estimating requirements development effort. , 2018, , .		1
1275	Component Selection with Fuzzy Decision Making. Procedia Computer Science, 2018, 126, 1378-1386.	2.0	4
1276	Performance Optimization of a Fuzzy Entropy Based Feature Selection and Classification Framework. , 2018, , .		6
1277	Fuzzy Assignment Model Of Server In Finite Source Queuing System. , 2018, , .		0
1278	Planar Graphs under Pythagorean Fuzzy Environment. Mathematics, 2018, 6, 278.	2.2	27
1279	Novel applications of bipolar single-valued neutrosophic competition graphs. Applied Mathematics, 2018, 33, 436-467.	1.0	7

#	ARTICLE	IF	CITATIONS
1280	Social Impact of Demonetization in South India: A Fuzzy Classification Approach using Equivalence Relations. , 2018, , .		0
1281	Decision Making Approach Based on Competition Graphs and Extended TOPSIS Method under Bipolar Fuzzy Environment. Mathematical and Computational Applications, 2018, 23, 68.	1.3	11
1282	NONLINEAR DYNAMICS ANALYSIS OF SHORT-TIME PHOTOPLETHYSMOGRAM IN PARKINSONâ€™S DISEASE. , 2018, , .		2
1283	A novel decision-making approach based on hypergraphs in intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2018, 35, 1905-1922.	1.4	12
1284	A New Method to Decision-Making with Fuzzy Competition Hypergraphs. Symmetry, 2018, 10, 404.	2.2	22
1285	Energy of Pythagorean Fuzzy Graphs with Applications. Mathematics, 2018, 6, 136.	2.2	69
1286	Hypergraphs in m-Polar Fuzzy Environment. Mathematics, 2018, 6, 28.	2.2	11
1287	Unsupervised Heterogeneous Domain Adaptation via Shared Fuzzy Equivalence Relations. IEEE Transactions on Fuzzy Systems, 2018, 26, 3555-3568.	9.8	53
1288	Fuzzy Rank Acceptability Analysis: A Confidence Measure of Ranking Fuzzy Numbers. IEEE Transactions on Fuzzy Systems, 2018, 26, 3579-3593.	9.8	32
1289	Generalized cubic relations in $H\langle i \rangle_{\substack{v \\ \langle i \rangle}}$ -LA-semigroups. Journal of Discrete Mathematical Sciences and Cryptography, 2018, 21, 607-630.	0.8	10
1290	Some properties of M-fuzzifying convexities induced by M-orders. Fuzzy Sets and Systems, 2018, 350, 41-54.	2.7	20
1291	Pattern analysis of computer keystroke time series in healthy control and early-stage Parkinson's disease subjects using fuzzy recurrence and scalable recurrence network features. Journal of Neuroscience Methods, 2018, 307, 194-202.	2.5	26
1292	A duality relationship between fuzzy metrics and metrics. International Journal of General Systems, 2018, 47, 593-612.	2.5	8
1293	Extensions of cubic ideals in weak left almost semihypergroups. Journal of Intelligent and Fuzzy Systems, 2018, 34, 4161-4172.	1.4	15
1294	A new approach based on fuzzy rough digraphs for decision-making. Journal of Intelligent and Fuzzy Systems, 2018, 35, 2105-2121.	1.4	16
1295	Intuitionistic fuzzy bicubic BÃ©zier surface approximation. AIP Conference Proceedings, 2018, , .	0.4	1
1296	Cubic BÃ©zier curve interpolation by using intuitionistic fuzzy control point relation. AIP Conference Proceedings, 2018, , .	0.4	1
1297	Certain Algorithms for Modeling Uncertain Data Using Fuzzy Tensor Product BÃ©zier Surfaces. Mathematics, 2018, 6, 42.	2.2	2



#	ARTICLE	IF	CITATIONS
1298	A Novel Approach to Decision-Making with Pythagorean Fuzzy Information. Mathematics, 2018, 6, 95.	2.2	108
1299	Some Interval Neutrosophic Linguistic Maclaurin Symmetric Mean Operators and Their Application in Multiple Attribute Decision Making. Symmetry, 2018, 10, 127.	2.2	10
1300	Entropy for Hesitant Fuzzy Sets Based on Hausdorff Metric with Construction of Hesitant Fuzzy TOPSIS. International Journal of Fuzzy Systems, 2018, 20, 2517-2533.	4.0	38
1302	New Applications of m-Polar Fuzzy Competition Graphs. New Mathematics and Natural Computation, 2018, 14, 249-276.	0.7	17
1303	Broadly reflexive relationships, a special type of hyperbole, and implications for metaphor and metonymy. Metaphor and Symbol, 2018, 33, 218-234.	1.0	6
1304	Fuzzy Galois connections on fuzzy sets. Fuzzy Sets and Systems, 2018, 352, 26-55.	2.7	8
1305	Heterogeneous multigranulation fuzzy rough set-based multiple attribute group decision making with heterogeneous preference information. Computers and Industrial Engineering, 2018, 122, 24-38.	6.3	48
1306	Ranking of elements in system reliability modeling: The least influence method. Systems Engineering, 2018, 21, 501-508.	2.7	1
1307	Left- and right-compatibility of order relations and fuzzy tolerance relations. Fuzzy Sets and Systems, 2019, 360, 65-81.	2.7	6
1308	T-generable indistinguishability operators and their use for feature selection and classification. Fuzzy Sets and Systems, 2019, 360, 33-48.	2.7	8
1309	Some results on the degree of symmetry of fuzzy relations. Fuzzy Sets and Systems, 2019, 360, 1-32.	2.7	1
1310	Bipolar fuzzy concept learning using next neighbor and Euclidean distance. Soft Computing, 2019, 23, 4503-4520.	3.6	19
1311	Multi-attribute group decision making based on cubic bipolar fuzzy information using averaging aggregation operators. Journal of Intelligent and Fuzzy Systems, 2019, 37, 2473-2494.	1.4	47
1312	Genetic algorithm for Robust Total coloring of a Fuzzy graph. , 2019, , .		1
1313	Lattice-valued betweenness relations and its induced lattice-valued convex structures. Journal of Intelligent and Fuzzy Systems, 2019, 37, 8523-8533.	1.4	4
1314	A Novel Streaming Data Clustering Algorithm Based on Fitness Proportionate Sharing. IEEE Access, 2019, 7, 184985-185000.	4.2	18
1315	M-hazy lattices and its induced fuzzifying convexities. Journal of Intelligent and Fuzzy Systems, 2019, 37, 2419-2433.	1.4	7
1316	Optimal tuning of fuzzy parameters for structural motion control using multiverse optimizer. Structural Design of Tall and Special Buildings, 2019, 28, e1652.	1.9	28

#	ARTICLE	IF	CITATIONS
1317	Clustering and pattern recognition in bioengineering and autonomous systems. Procedia Computer Science, 2019, 159, 2364-2373.	2.0	4
1318	Group compatible intuitionistic fuzzy matrices. Computational and Applied Mathematics, 2019, 38, 1.	2.2	2
1320	The Unbounded Fuzzy Order Convergence in Fuzzy Riesz Spaces. Symmetry, 2019, 11, 971.	2.2	6
1321	Novel concepts in intuitionistic fuzzy graphs with application. Journal of Intelligent and Fuzzy Systems, 2019, 37, 3743-3749.	1.4	9
1322	On the Compatibility of a Ternary Relation with a Binary Fuzzy Relation. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2019, 27, 595-612.	1.9	5
1323	Relation "Greater than or Equal to" between Ordered Fuzzy Numbers. Applied System Innovation, 2019, 2, 26.	4.6	9
1324	Facial Similarity Analysis: A Three-Way Decision Perspective. Studies in Fuzziness and Soft Computing, 2019, , 289-313.	0.8	0
1325	Fuzzy Graph Structures with Application. Mathematics, 2019, 7, 63.	2.2	29
1326	Prediction by k-NN and MLP a New Approach Based on Fuzzy Similarity Quality Measure. A Case Study. Studies in Fuzziness and Soft Computing, 2019, , 337-347.	0.8	0
1327	Application of Strong Arcs in m-Polar Fuzzy Graphs. Neural Processing Letters, 2019, 50, 771-784.	3.2	14
1328	q-Rung Orthopair Fuzzy Competition Graphs with Application in the Soil Ecosystem. Mathematics, 2019, 7, 91.	2.2	52
1329	Intuitionistic fuzzy threshold graphs. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6641-6651.	1.4	6
1330	An intuitionistic fuzzy neural network with gaussian membership function. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6731-6741.	1.4	8
1331	Multi-Criteria Decision Analysis for the Land Evaluation of Potential Agricultural Land Use Types in a Hilly Area of Central Vietnam. Land, 2019, 8, 90.	2.9	49
1332	Information Transmission and Nonspecificity in Feature Selection. Advances in Intelligent Systems and Computing, 2019, , 340-350.	0.6	0
1333	Prime (distributive) fuzzy posets. Journal of Intelligent and Fuzzy Systems, 2019, 36, 5513-5520.	1.4	0
1334	A Novel Description on Edge-Regular q-Rung Picture Fuzzy Graphs with Application. Symmetry, 2019, 11, 489.	2.2	23
1335	Fuzzy orders and pseudo-fuzzy orders on semirings. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6443-6454.	1.4	2

#	ARTICLE	IF	CITATIONS
1336	A Fuzzy Rough Set Model Based on Reliability Over Dual-Universe and Its Applications. IEEE Access, 2019, 7, 50605-50617.	4.2	2
1337	The road from fuzzy sets to definable causality and bipolar quantum intelligenceâ€”To the memory of Lotfi A. Zadeh. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3019-3032.	1.4	10
1338	New results on the measures of transitivity. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3825-3832.	1.4	1
1339	Methods for Assessing Humanâ€™Machine Performance under Fuzzy Conditions. Mathematics, 2019, 7, 230.	2.2	24
1341	Continuous triangular norm based fuzzy topology. Archive for Mathematical Logic, 2019, 58, 915-942.	0.3	2
1342	q-rung picture fuzzy graphs: a creative view on regularity with applications. Journal of Applied Mathematics and Computing, 2019, 61, 235-280.	2.5	34
1343	A shape similarity-based ranking method of hesitant fuzzy linguistic preference relations using discrete fuzzy number for group decision making. Soft Computing, 2019, 23, 13569-13589.	3.6	8
1344	Energy of double dominating bipolar fuzzy graphs. Journal of Applied Mathematics and Computing, 2019, 61, 219-234.	2.5	7
1345	The stability of local properties of fuzzy relations under ordinal equivalence. Information Sciences, 2019, 491, 265-278.	6.9	5
1346	Application of Fuzzy Logic on Selection of Contractors for Construction of High Rise Buildings. IOP Conference Series: Earth and Environmental Science, 0, 222, 012021.	0.3	0
1347	A new approach to compute measures of connectivity in rough fuzzy network models. Journal of Intelligent and Fuzzy Systems, 2019, 36, 449-465.	1.4	17
1348	Bipolar Fuzzy Relations. Mathematics, 2019, 7, 1044.	2.2	17
1349	Granulation of Hypernetwork Models under the q-Rung Picture Fuzzy Environment. Mathematics, 2019, 7, 496.	2.2	20
1350	Quantification of White Matter Lesions on Brain MRI with 2D Fuzzy Weighted Recurrence Networks. , 2019, , .		1
1351	Pythagorean m-polar fuzzy sets and TOPSIS method for the selection of advertisement mode. Journal of Intelligent and Fuzzy Systems, 2019, 37, 8441-8458.	1.4	53
1352	Classification of short time series in early Parkinsons disease with deep learning of fuzzy recurrence plots. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1306-1317.	13.1	52
1353	Aggregation of the fuzzy logic sets in terms of the functions of the triangular norm and triangular co-norm. IOP Conference Series: Earth and Environmental Science, 2019, 403, 012187.	0.3	6
1354	Optimal ranking of factors affecting studentsâ€™ academic performance based on belief and plausibility measures. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
1355	Influence of Failure Causes of Distribution Substation Power Circuit on Power Supply Reliability. , 2019, , .		2
1356	New Notions for Fuzzy Equivalence Using $\hat{I}_{\pm}$ -cut Relation. Journal of Physics: Conference Series, 2019, 1344, 012040.	0.4	1
1357	Bipolar fuzzy soft mappings with application to bipolar disorders. International Journal of Biomathematics, 2019, 12, 1950080.	2.9	37
1358	Compatibility-Based Evidential Reasoning. , 2019, , .		0
1359	Intuitionistic fuzzy relations compatible with the group Zn. Journal of the Egyptian Mathematical Society, 2019, 27, .	1.2	0
1360	Evaluation of information reliability of complex systems using intuitionistic fuzzy graphs. , 2019, , .		1
1361	Consensus-Based Multi-Person Decision Making Using Consistency Fuzzy Preference Graphs. IEEE Access, 2019, 7, 178870-178878.	4.2	3
1362	Multigranulation vague rough set over two universes and its application to group decision making. Soft Computing, 2019, 23, 8927-8956.	3.6	41
1364	L-fuzzifying approximation operators in fuzzy rough sets. Information Sciences, 2019, 480, 14-33.	6.9	29
1365	Fuzzy levels of preference strength in a graph model with multiple decision makers. Fuzzy Sets and Systems, 2019, 377, 71-84.	2.7	12
1366	Extending Set Measures to Pythagorean Fuzzy Sets. International Journal of Fuzzy Systems, 2019, 21, 343-354.	4.0	17
1367	Fuzzy Clustering: A Historical Perspective. IEEE Computational Intelligence Magazine, 2019, 14, 45-55.	3.2	111
1368	Certain fuzzy graph structures. Journal of Applied Mathematics and Computing, 2019, 61, 25-56.	2.5	23
1369	Analysis and Comparison of Different Fuzzy Inference Systems Used in Decision Making for Secondary Users in Cognitive Radio Network. Wireless Personal Communications, 2019, 104, 1175-1208.	2.7	8
1370	Some characterizations of T-power based implications. Fuzzy Sets and Systems, 2019, 359, 42-62.	2.7	15
1371	A study on the relationship between relaxed metrics and indistinguishability operators. Soft Computing, 2019, 23, 6785-6795.	3.6	6
1372	On the relationship between fuzzy subgroups and indistinguishability operators. Fuzzy Sets and Systems, 2019, 373, 149-163.	2.7	8
1373	Novel decision-making method based on bipolar neutrosophic information. Soft Computing, 2019, 23, 9955-9977.	3.6	40

#	ARTICLE	IF	CITATIONS
1374	Preserving fuzzy subgroups and indistinguishability operators. Fuzzy Sets and Systems, 2019, 373, 164-179.	2.7	5
1375	Fuzzy weighted recurrence networks of time series. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 409-417.	2.6	8
1376	Fuzzy proximal relator spaces. Neural Computing and Applications, 2019, 31, 3201-3210.	5.6	2
1377	Fuzzy $\hat{=}$ -equivalences. Fuzzy Sets and Systems, 2019, 360, 49-64.	2.7	5
1378	Hyperspectral imaging using notions from type-2 fuzzy sets. Soft Computing, 2019, 23, 1779-1793.	3.6	3
1379	A comparative study of Tarski's fixed point theorems with the stress on commutative sets of L-fuzzy isotone maps with respect to transitivity. Fuzzy Sets and Systems, 2020, 382, 29-56.	2.7	2
1380	A comparative study of ideals in fuzzy orders. Fuzzy Sets and Systems, 2020, 382, 1-28.	2.7	9
1381	Positive definite indistinguishability operators. Fuzzy Sets and Systems, 2020, 384, 23-33.	2.7	2
1382	Fuzzy betweenness relations and their connection with fuzzy order relations. Fuzzy Sets and Systems, 2020, 384, 1-22.	2.7	21
1383	Modeling aesthetic preferences: Color coordination and fuzzy sets. Fuzzy Sets and Systems, 2020, 395, 217-234.	2.7	14
1384	Fuzzy lattice operations on first-order terms over signatures with similar constructors: A constraint-based approach. Fuzzy Sets and Systems, 2020, 391, 1-46.	2.7	5
1385	A categorical characterization of the least Q-quantale completion of Q-ordered semigroups. Fuzzy Sets and Systems, 2020, 382, 129-141.	2.7	4
1386	Fuzzy Sets and Their Extensions. Studies in Fuzziness and Soft Computing, 2020, , 3-23.	0.8	2
1387	T-Spherical Fuzzy Graphs: Operations and Applications in Various Selection Processes. Arabian Journal for Science and Engineering, 2020, 45, 2177-2193.	3.0	35
1388	IoT network slicing on virtual layers of homogeneous data for improved algorithm operation in smart buildings. Future Generation Computer Systems, 2020, 102, 965-977.	7.5	76
1389	Interval Intuitionistic Fuzzy Clustering Algorithm Based on Symmetric Information Entropy. Symmetry, 2020, 12, 79.	2.2	4
1390	Fuzzy cross and fuzzy joint recurrence plots. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 123026.	2.6	11
1391	Symmetric difference operators based on thresholds. Fuzzy Sets and Systems, 2020, 395, 149-167.	2.7	1

#	ARTICLE	IF	CITATIONS
1392	Certain Properties of Vague Graphs with a Novel Application. Mathematics, 2020, 8, 1647.	2.2	26
1393	Vague Graph Structure with Application in Medical Diagnosis. Symmetry, 2020, 12, 1582.	2.2	33
1394	On the properties of orderings of extensional fuzzy numbers. , 2020, , .		1
1395	Cartesian closedness of a category of non-frame valued complete fuzzy orders. Fuzzy Sets and Systems, 2020, 390, 96-104.	2.7	0
1396	A Notion of Convergence in Fuzzy Partially Ordered Sets. Mathematics, 2020, 8, 1958.	2.2	2
1397	Aggregation of L-Probabilistic Quasi-Uniformities. Mathematics, 2020, 8, 1980.	2.2	4
1398	Decision-Making Approach with Fuzzy Type-2 Soft Graphs. Journal of Mathematics, 2020, 2020, 1-25.	1.0	8
1399	Fuzzy classification of OpenCL programs targeting heterogeneous systems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 7189-7202.	1.4	1
1400	The aggregation of transitive fuzzy relations revisited. Fuzzy Sets and Systems, 2020, , .	2.7	2
1401	M-Fuzzifying Approximation Spaces, M-Fuzzifying Pretopological Spaces and M-Fuzzifying Closure Spaces. New Mathematics and Natural Computation, 2020, 16, 609-626.	0.7	0
1402	New Concepts in Intuitionistic Fuzzy Graph with Application in Water Supplier Systems. Mathematics, 2020, 8, 1241.	2.2	48
1403	Decision-Making Analysis Based on Fuzzy Graph Structures. Mathematical Problems in Engineering, 2020, 2020, 1-30.	1.1	13
1404	Fault Location of Strip Steel Surface Quality Defects on Hot-Rolling Production Line Based on Information Fusion of Historical Cases and Process Data. IEEE Access, 2020, 8, 171240-171251.	4.2	1
1405	Multisource Heterogeneous Unsupervised Domain Adaptation via Fuzzy Relation Neural Networks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3308-3322.	9.8	67
1406	Visual Computing of Causality in Personalized Depression. , 2020, 2020, 5510-5513.		1
1407	Aggregation of Fuzzy Equivalences in Data Exploration by kNN Classifier. , 2020, , .		1
1408	A Parametric Method for Ranking Intuitionistic Fuzzy Numbers and Its Application to Solve Intuitionistic Fuzzy Network Data Envelopment Analysis Models. Complexity, 2020, 2020, 1-25.	1.6	13
1410	Belief and Plausibility Measures on Intuitionistic Fuzzy Sets with Construction of Belief-Plausibility TOPSIS. Complexity, 2020, 2020, 1-12.	1.6	16

#	ARTICLE	IF	CITATIONS
1411	Aggregation of fuzzy quasi-metrics. Information Sciences, 2021, 581, 362-389.	6.9	19
1412	Notes on the lattice of fuzzy rough sets with crisp reference sets. International Journal of Approximate Reasoning, 2020, 126, 124-132.	3.3	2
1413	A convolution-based distance measure for fuzzy singletons and its application in a pattern recognition problem. Integrated Computer-Aided Engineering, 2020, 28, 51-63.	4.6	22
1414	Extension of labeled multiple attribute decision making based on fuzzy neighborhood three-way decision. Neural Computing and Applications, 2020, 32, 17731-17758.	5.6	12
1415	On total uniform fuzzy soft graphs. Journal of Intelligent and Fuzzy Systems, 2020, 39, 263-275.	1.4	2
1416	An Extension of Fuzzy Competition Graph and Its Uses in Manufacturing Industries. Mathematics, 2020, 8, 1008.	2.2	19
1417	Two $\hat{\rho}$ -correlation coefficients of q-rung orthopair fuzzy sets and their application to clustering analysis. Journal of Intelligent and Fuzzy Systems, 2020, 39, 581-591.	1.4	9
1418	Interval type-2 fuzzy logic system based similarity evaluation for image steganography. Heliyon, 2020, 6, e03771.	3.2	21
1419	On the representations of L-equivalence relations on L-fuzzy sets with applications to locally vague environments. International Journal of General Systems, 2020, 49, 334-354.	2.5	2
1420	On the construction of fuzzy betweenness relations from metrics. Fuzzy Sets and Systems, 2020, 390, 118-137.	2.7	4
1421	Spherical Fuzzy Graphs with Application to Decision-Making. Mathematical and Computational Applications, 2020, 25, 8.	1.3	17
1422	Double dominating energy of m-polar fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2020, 38, 1997-2008.	1.4	11
1423	General L-fuzzy aggregation functions based on complete residuated lattices. Soft Computing, 2020, 24, 3087-3112.	3.6	2
1424	Image-Based Network Analysis of DNp73 Expression by Immunohistochemistry in Rectal Cancer Patients. Frontiers in Physiology, 2019, 10, 1551.	2.8	4
1425	Deep Fuzzy Clustering - A Representation Learning Approach. IEEE Transactions on Fuzzy Systems, 2020, 1-1.	9.8	32
1426	Quantale-valued dissimilarity. Fuzzy Sets and Systems, 2020, 390, 48-73.	2.7	3
1427	T-Equivalences: The Metric Behavior Revisited. Mathematics, 2020, 8, 495.	2.2	4
1428	Pythagorean Fuzzy Matroids with Application. Symmetry, 2020, 12, 423.	2.2	15

#	ARTICLE	IF	CITATIONS
1429	The existence of fuzzy Dedekind completion of Archimedean fuzzy Riesz space. Computational and Applied Mathematics, 2020, 39, 1.	2.2	4
1430	Imperfect competition models in economic market structure with q-rung picture fuzzy information. Journal of Intelligent and Fuzzy Systems, 2020, 38, 5107-5126.	1.4	8
1431	Fuzzy Binary Rough Set. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 317-329.	1.9	5
1432	Feature selection via normative fuzzy information weight with application into tumor classification. Applied Soft Computing Journal, 2020, 92, 106299.	7.2	64
1433	Mapping Crisp Structural Semantic Similarity Measures to Fuzzy Context: A Generic Approach. International Journal of Fuzzy Systems, 2020, 22, 1224-1242.	4.0	3
1434	Fuzzy $\alpha$ -cut and related mathematical structures. Soft Computing, 2021, 25, 207-213.	3.6	8
1435	The MacNeille Completions for Residuated S-Posets. International Journal of Theoretical Physics, 2021, 60, 667-676.	1.2	1
1436	q-Rung orthopair fuzzy graphs under Hamacher operators. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1367-1390.	1.4	18
1437	Measuring variability and association for categorical data. Fuzzy Sets and Systems, 2021, 421, 29-43.	2.7	1
1438	The invention of new sequences through classifying and counting fuzzy matrices. Soft Computing, 2021, 25, 9663-9676.	3.6	2
1439	Fuzzy systems and applications in innovation and sustainability. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1723-1726.	1.4	2
1440	Aggregation of partial T-indistinguishability operators and partial pseudo-metrics. Fuzzy Sets and Systems, 2021, 403, 119-138.	2.7	8
1441	Application of Fuzzy Vertex Magic Graph. Advances in Intelligent Systems and Computing, 2021, , 575-582.	0.6	0
1442	Identification of a Fuzzy Model of the Coking Process. Advances in Intelligent Systems and Computing, 2021, , 624-630.	0.6	2
1443	Degree based models of granular computing under fuzzy indiscernibility relations. Mathematical Biosciences and Engineering, 2021, 18, 8415-8443.	1.9	11
1444	Domination of vertex-edges in bipolar fuzzy graphs. Materials Today: Proceedings, 2021, 47, 2120-2125.	1.8	1
1445	Graded Fuzzy Preconcept Lattices: Theoretical Basis. , 0, , .		0
1446	Aggregation of Operators of Fuzzy Relational Mathematical Morphology: Erosion and Dilation. , 0, , .		0



#	ARTICLE	IF	CITATIONS
1447	The Man Who Changed the Scientific World: To the Centenary of the Birth of Lotfi Zadeh. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 148-164.	0.6	0
1448	m-Polar Fuzzy Soft Graphs in Group Decision Making: A Combining Method by Aggregation Functions. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 425-455.	0.6	2
1449	Total domination in various bipolar fuzzy graphs. <i>Materials Today: Proceedings</i> , 2021, 47, 2107-2112.	1.8	0
1451	Methods for solving LR-bipolar fuzzy linear systems. <i>Soft Computing</i> , 2021, 25, 85-108.	3.6	24
1452	Intelligent Robots Coalition Formation in Cyberphysical Space for Emergency Response. <i>Studies in Systems, Decision and Control</i> , 2021, , 267-282.	1.0	0
1453	L-fuzzifying approximation operators derived from general L-fuzzifying neighborhood systems. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 1343-1367.	3.6	15
1454	Fuzzy mixed graphs and its application to identification of COVID19 affected central regions in India. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 1051-1064.	1.4	9
1455	Sup-T Compositions of Partial Fuzzy Relations. , 0, , .		0
1456	Fuzzy Optimal Control of Coke Production. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 283-288.	0.6	4
1457	Automated compliance checking in the context of Industry 4.0: from a systematic review to an empirical fuzzy multi-criteria approach. <i>Soft Computing</i> , 2021, 25, 6055-6074.	3.6	5
1458	Bipolar fuzzy soft information applied to hypergraphs. <i>Soft Computing</i> , 2021, 25, 3417-3439.	3.6	22
1459	Evaluation of Soil Erodibility Using FAO Fuzzy Model in Closed and Unclosed Forest Zones in Dinarkouh of Iran. <i>Eurasian Soil Science</i> , 2021, 54, 304-315.	1.6	0
1460	Alpha-cut based fuzzy cognitive maps with applications in decision-making. <i>Computers and Industrial Engineering</i> , 2021, 152, 107007.	6.3	4
1461	Oligopolistic competition among the wireless internet service providers of Malaysia using fuzzy soft graphs. <i>Journal of Applied Mathematics and Computing</i> , 2021, 67, 855-890.	2.5	13
1462	A Fuzzy Multiple Criteria Decision Making Approach with a Complete User Friendly Computer Implementation. <i>Entropy</i> , 2021, 23, 203.	2.2	11
1463	A bird's eye view of the connections among L-fuzzy i-covers, c-covers and (L-fuzzy) tolerances of L-fuzzy (point) set.. <i>Journal of Physics: Conference Series</i> , 2021, 1767, 012052.	0.4	1
1464	An effective similarity measurement under epistemic uncertainty. <i>Fuzzy Sets and Systems</i> , 2022, 431, 160-177.	2.7	3
1465	New concepts for cluster construction and similarity measurement. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2267-2291.	5.7	5

#	ARTICLE	IF	CITATIONS
1466	Forgotten effects analysis of the consumer behavior of sustainable food products in Mexico. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1893-1902.	1.4	2
1467	Feasibility stage screening for sustainable energy alternatives with a fuzzy multi-criteria decision analysis protocol. Modeling Earth Systems and Environment, 2022, 8, 1047-1086.	3.4	2
1469	Similarity triangle logic. Soft Computing, 2021, 25, 6841-6849.	3.6	0
1470	Gradation of Fuzzy Preconcept Lattices. Axioms, 2021, 10, 41.	1.9	5
1471	Ordering of functions according to multiple fuzzy criteria: application to denoising electroencephalography. Soft Computing, 2021, 25, 8573-8593.	3.6	1
1472	Generating Fuzzy Sets and Fuzzy Relations Based on Information. WSEAS Transactions on Mathematics, 2021, 20, 178-185.	0.5	3
1473	Fuzzy Cross Recurrence Analysis and Tensor Decomposition of Major-Depression Time-Series Data. , 2021, , .		2
1474	A Fuzzy Economic Dynamic Model. Mathematics, 2021, 9, 826.	2.2	2
1475	Linear Diophantine Fuzzy Relations and Their Algebraic Properties with Decision Making. Symmetry, 2021, 13, 945.	2.2	42
1476	Revision of Pseudo-Ultrametric Spaces Based on m-Polar T-Equivalences and Its Application in Decision Making. Mathematics, 2021, 9, 1232.	2.2	1
1477	UAV and Soft Computing Methodology for Monitoring Landslide Areas (Susceptibility to Landslides) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	7
1478	Aggregation of indistinguishability operators. Fuzzy Sets and Systems, 2022, 446, 53-67.	2.7	5
1479	A Study on Fuzzy Order Bounded Linear Operators in Fuzzy Riesz Spaces. Mathematics, 2021, 9, 1512.	2.2	3
1480	Improving Service Quality of Wealth Management Bank for High-Net-Worth Customers During COVID-19: A Fuzzy-DEMATEL Approach. International Journal of Fuzzy Systems, 0, , 1.	4.0	4
1481	Jensenâ€™Renyiâ€™Tsallis Fuzzy Divergence Information Measure with its Applications. Communications in Mathematics and Statistics, 0, , 1.	1.5	4
1482	Beta Products of Fuzzy Graphs with Application in Cryptography. New Mathematics and Natural Computation, 0, , 1-18.	0.7	0
1483	Fuzzy axiom of choice, fuzzy Zornâ€™s lemma and fuzzy Hausdorff maximal principle. Soft Computing, 2021, 25, 11421-11428.	3.6	3
1484	Optimization of $LR$ -Type Fully Bipolar Fuzzy Linear Programming Problems. Mathematical Problems in Engineering, 2021, 2021, 1-36.	1.1	11

#	ARTICLE	IF	CITATIONS
1485	A nondominated selection procedure with partially consistent non-reciprocal probabilistic linguistic preference relations and its application in social donation channel selection under the COVID-19 outbreaks. Information Sciences, 2021, 564, 416-429.	6.9	11
1486	Radius kNN Classifier Using Aggregation of Fuzzy Equivalences. , 2021, , .		0
1487	Decision-making with q-rung orthopair fuzzy graph structures. Granular Computing, 2022, 7, 505-526.	8.0	16
1488	DPSIR framework priorities and its application to forest management: a fuzzy modeling. Environmental Monitoring and Assessment, 2021, 193, 598.	2.7	9
1489	On Laplacian energy of picture fuzzy graphs in site selection problem. Journal of Intelligent and Fuzzy Systems, 2021, 41, 481-498.	1.4	3
1490	Aggregation Operators in Fuzzy Relational Mathematical Morphology: Erosion and Dilation. Studies in Computational Intelligence, 2022, , 57-71.	0.9	0
1491	A framework of decision making based on bipolar fuzzy competition hypergraphs. Journal of Intelligent and Fuzzy Systems, 2021, 41, 1319-1339.	1.4	7
1492	Research developments in adaptive intelligent vibration control of smart civil structures. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 292-329.	2.9	10
1493	Incorporating Fuzzy Logic in Harrod's Economic Growth Model. Mathematics, 2021, 9, 2194.	2.2	6
1495	Cubic bipolar fuzzy Dombi averaging aggregation operators with application to multi-criteria decision-making. Journal of Intelligent and Fuzzy Systems, 2021, 41, 3373-3393.	1.4	3
1496	Fuzzy Recurrence Exponents of Subcellular-Nanostructure Dynamics in Time-Lapse Confocal Imaging. IEEE Transactions on Nanobioscience, 2021, 20, 497-506.	3.3	0
1497	A characterization of reciprocal fuzzy preference structures and its compatibility with standard fuzzy preference structures. Fuzzy Sets and Systems, 2021, 422, 48-67.	2.7	1
1498	A new similarity-based classifier with Dombi aggregative operators. Pattern Recognition Letters, 2021, 151, 229-235.	4.2	4
1499	Finite-time energy-to-peak fuzzy filtering for persistent dwell-time switched nonlinear systems with unreliable links. Information Sciences, 2021, 579, 293-309.	6.9	8
1500	A fuzzy incidence coloring to monitor traffic flow with minimal waiting time. Expert Systems With Applications, 2021, 186, 115664.	7.6	1
1501	Z-relation equation-based decision making. Expert Systems With Applications, 2021, 184, 115387.	7.6	16
1502	Fuzzy Interpolation with Extensional Fuzzy Numbers. Symmetry, 2021, 13, 170.	2.2	1
1503	Damage Identification of Prefabricated Reinforced Concrete Box Culvert Based on Improved Fuzzy Clustering Algorithm and Acoustic Emission Parameters. Advances in Materials Science and Engineering, 2021, 2021, 1-13.	1.8	4

#	ARTICLE	IF	CITATIONS
1504	On the circulant intuitionistic fuzzy matrices. Soft Computing, 2021, 25, 4621-4628.	3.6	0
1505	An Approach to Generalization of the Intuitionistic Fuzzy Topsis Method in the Framework of Evidence Theory. Journal of Artificial Intelligence and Soft Computing Research, 2021, 11, 157-175.	4.3	12
1506	Decision-making analysis based on q-rung picture fuzzy graph structures. Journal of Applied Mathematics and Computing, 2021, 67, 541-577.	2.5	34
1507	On Graph Structures in Fuzzy Environment Using Optimization Parameter. IEEE Access, 2021, 9, 75699-75711.	4.2	3
1510	A New Algorithm to Compute Low T-Transitive Approximation of a Fuzzy Relation Preserving Symmetry. Comparisons with the T-Transitive Closure. Lecture Notes in Computer Science, 2005, , 576-586.	1.3	1
1512	Flexible Query Answering Using Distance-Based Fuzzy Relations. Lecture Notes in Computer Science, 2006, , 207-228.	1.3	7
1513	Similarity retrieval techniques. Lecture Notes in Computer Science, 1980, , 128-176.	1.3	18
1514	Fuzzy preferences in decision-making. Lecture Notes in Computer Science, 1987, , 144-150.	1.3	1
1515	Analytic Hierarchy Process Based on Fuzzy Analysis. , 2005, , 301-309.		1
1517	Conditional Probability Relations in Fuzzy Relational Database. Lecture Notes in Computer Science, 2001, , 251-260.	1.3	12
1518	I FOOD: An Intelligent Object-Oriented Database Architecture. Lecture Notes in Computer Science, 1999, , 36-45.	1.3	4
1519	Case based reasoning, fuzzy systems modeling and solution composition. Lecture Notes in Computer Science, 1997, , 633-642.	1.3	10
1520	Fuzzy Semantic Similarity Between Ontological Concepts. , 2007, , 275-280.		10
1522	On the Notion of Similarity in Case Based Reasoning and Fuzzy Theory. , 2001, , 29-45.		23
1523	Rule Base Completion in Fuzzy Models. International Series in Intelligent Technologies, 1996, , 313-330.	0.1	14
1525	Fuzzy rules in knowledge-based systems. , 1992, , 45-68.		33
1526	The Linguistic Approach and Its Application to Decision Analysis. , 1976, , 339-370.		32
1527	Fuzzy Relational Products as a Tool for Analysis and Synthesis of the Behaviour of Complex Natural and Artificial Systems. , 1980, , 341-367.		87

#	ARTICLE	IF	CITATIONS
1528	Title is missing!. , 1988, , .		1
1529	Premises for the Theory of Forgotten Effects. Advances in Intelligent Systems and Computing, 2020, , 206-215.	0.6	4
1530	Usage of Smart Contracts with FCG for Dynamic Robot Coalition Formation in Precision Farming. Lecture Notes in Business Information Processing, 2020, , 115-133.	1.0	3
1531	Decision Making Method Based onÂSpherical Fuzzy Graphs. Studies in Fuzziness and Soft Computing, 2021, , 153-197.	0.8	4
1532	Fuzzy Relational Mathematical Morphology: Erosion and Dilation. Communications in Computer and Information Science, 2020, , 712-725.	0.5	4
1533	The Method of Finding the Base Set of Intuitionistic Fuzzy Graph. Advances in Intelligent Systems and Computing, 2021, , 18-25.	0.6	4
1534	Logical approaches to fuzzy similarity-based reasoning: an overview. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2008, , 75-128.	0.6	21
1535	Similarity Relations and Independence Concepts. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2008, , 179-196.	0.6	3
1536	On Extensional Fuzzy Sets Generated by Factoraggregation. Communications in Computer and Information Science, 2014, , 317-326.	0.5	4
1537	Variable-Range Approximate Systems Induced by Many-Valued L-Relations. Communications in Computer and Information Science, 2014, , 41-50.	0.5	4
1538	Innovative Fuzzy Techniques for Characterizing Defects in Ultrasonic Nondestructive Evaluation. , 2015, , 201-232.		7
1539	Similarity and Granulation. Intelligent Systems Reference Library, 2015, , 1-15.	1.2	4
1540	Gradual Structures of Oppositions. Studies in Fuzziness and Soft Computing, 2015, , 79-91.	0.8	12
1541	Spatial-Taxon Information Granules as Used in Iterative Fuzzy-Decision-Making for Image Segmentation. Studies in Big Data, 2015, , 285-318.	1.1	17
1542	Fuzzy Inventory Models for Deteriorating Items Under Different Types of Lead-Time Distributions. Intelligent Systems Reference Library, 2015, , 247-274.	1.2	8
1543	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
1544	Intuitionistic Fuzzy Complete Lattices. Advances in Intelligent Systems and Computing, 2016, , 149-160.	0.6	1
1545	M-valued Measure of Roughness for Approximation of L-fuzzy Sets and Its Topological Interpretation. Studies in Computational Intelligence, 2016, , 251-266.	0.9	5

#	ARTICLE	IF	CITATIONS
1548	Type-1 Fuzzy Sets and Fuzzy Logic. , 2017, , 25-99.		5
1550	Rough Mereology as a Link between Rough and Fuzzy Set Theories. A Survey. Lecture Notes in Computer Science, 2004, , 253-277.	1.3	8
1551	On Learning Similarity Relations in Fuzzy Case-Based Reasoning. Lecture Notes in Computer Science, 2004, , 14-32.	1.3	9
1552	Dynamic Pattern Mining: An Incremental Data Clustering Approach. Lecture Notes in Computer Science, 2005, , 85-112.	1.3	16
1553	Invariant Hierarchical Clustering Schemes. Studies in Computational Intelligence, 2007, , 181-206.	0.9	5
1554	Generating Fuzzy Equivalence Classes on RSS News Articles for Retrieving Correlated Information. Lecture Notes in Computer Science, 2008, , 232-247.	1.3	3
1555	The Role of Fuzziness in Decision Making. , 2007, , 337-349.		36
1556	A Categorical Basis for Granular Computing. Lecture Notes in Computer Science, 2007, , 427-434.	1.3	14
1557	Preferences and Consistency Issues in Group Decision Making. , 2008, , 219-237.		22
1558	Fuzzy Set Theory. , 2008, , 29-63.		1
1559	Rough Sets on Fuzzy Approximation Spaces and Intuitionistic Fuzzy Approximation Spaces. Studies in Computational Intelligence, 2009, , 3-44.	0.9	19
1560	Recognition of Blood Cell Images Based on Color Fuzzy Clustering. Advances in Intelligent and Soft Computing, 2009, , 69-75.	0.2	7
1561	Decision Support Classification of Geospatial and Regular Objects Using Rough and Fuzzy Sets. Studies in Computational Intelligence, 2010, , 3-8.	0.9	2
1562	An XML Schema for Managing Fuzzy Documents. Studies in Fuzziness and Soft Computing, 2010, , 3-34.	0.8	5
1563	Improving Similarity-Based Methods for Information Propagation on Social Networks. Communications in Computer and Information Science, 2010, , 391-401.	0.5	2
1564	MCDM with Applications in Economics and Finance. Intelligent Systems Reference Library, 2011, , 107-186.	1.2	4
1566	Reductive Reasoning Rough and Fuzzy Sets as Frameworks for Reductive Reasoning. Intelligent Systems Reference Library, 2011, , 145-190.	1.2	1
1568	The Experimenter and the Theoretician “Linguistic Synthesis to Tell Machines What to Do. Studies in Fuzziness and Soft Computing, 2012, , 329-358.	0.8	6

#	ARTICLE	IF	CITATIONS
1569	Comparison of Different Algorithms of Approximation by Extensional Fuzzy Subsets. Advances in Intelligent Systems and Computing, 2013, , 307-317.	0.6	6
1570	Multiattribute Utility Analysis and Collective Choice: A Methodological Review. Lecture Notes in Economics and Mathematical Systems, 1985, , 170-189.	0.3	6
1571	Selecting Processes Supported by Fuzzy Calculations. Lecture Notes in Electrical Engineering, 2014, , 39-43.	0.4	1
1572	Measures of Specificity. , 1998, , 94-113.		50
1573	Rapid Prototyping of Fuzzy Models Based on Hierarchical Clustering. , 1997, , 121-161.		6
1574	Some Non-Standard Clustering Algorithms. , 1987, , 225-287.		25
1576	A Fuzzy Inference Methodology Based on the Fuzzification of Set Inclusion. Studies in Fuzziness and Soft Computing, 2003, , 71-89.	0.8	4
1577	Semantics for Fuzzy Disjunctive Programs with Weak Similarity. , 2002, , 285-299.		4
1578	Flexible Querying in Deductive Database. , 2001, , 257-276.		1
1579	Survey of Theory and Applications of Ąukasiewicz-Pavelka Fuzzy Logic. , 2001, , 313-337.		4
1580	Flexible Querying in an Intelligent Object-Oriented Database Environment. , 2001, , 75-84.		4
1581	Knowledge Discovery by Application of Rough Set Models. Studies in Fuzziness and Soft Computing, 2000, , 137-233.	0.8	66
1582	Conceptual Modeling of Geographic Information System Applications. Studies in Fuzziness and Soft Computing, 2000, , 129-151.	0.8	9
1583	Fuzzy Subsets. Studies in Fuzziness and Soft Computing, 2000, , 1-17.	0.8	2
1584	Fuzzy Graphs. Studies in Fuzziness and Soft Computing, 2000, , 19-81.	0.8	3
1585	Approximation Spaces, Reducts and Representatives. Studies in Fuzziness and Soft Computing, 1998, , 109-126.	0.8	52
1586	Fuzzy Performance Indicators for the Control of Manufacturing Processes. Studies in Fuzziness and Soft Computing, 1998, , 225-248.	0.8	3
1587	Methods in Hard and Fuzzy Clustering. Computer Science Workbench, 2000, , 85-129.	0.2	61

#	ARTICLE	IF	CITATIONS
1588	Aggregation of Possibility Measures. , 1990, , 55-63.		29
1589	Fuzzy Preferences in an Optimization Perspective. , 1987, , 77-90.		7
1590	Preference and Choice in a Fuzzy Environment. , 1987, , 91-98.		5
1591	Outline of a Theory of Usuality Based on Fuzzy Logic. , 1986, , 79-97.		18
1592	An Inquiry into Indistinguishability Operators. , 1984, , 231-256.		59
1593	A Theory of Commonsense Knowledge. , 1984, , 257-295.		61
1594	Representations of Transitive Fuzzy Relations. , 1984, , 105-118.		36
1595	Local and Fuzzy Logics. , 1977, , 103-165.		140
1597	Applications of Fuzzy-Rough Classifications to Logics. , 1992, , 233-250.		19
1598	A Glance at Non-Standard Models and Logics of Uncertainty and Vagueness. , 1993, , 169-222.		6
1600	On Similarity-Based Fuzzy Clusterings. Applied Logic Series, 1999, , 289-299.	0.3	5
1601	Role of Soft Computing Techniques in Software Effort Estimation: An Analytical Study. Advances in Intelligent Systems and Computing, 2020, , 807-831.	0.6	7
1603	Granular Computing Based on q-Rung Picture Fuzzy Hypergraphs. Studies in Fuzziness and Soft Computing, 2020, , 307-337.	0.8	2
1605	Transitivity and fuzzy preferences. Social Choice and Welfare, 1996, 13, 305-318.	0.8	7
1606	A Computational Model for Measuring Trust in Mobile Social Networks Using Fuzzy Logic. International Journal of Automation and Computing, 2020, 17, 812-821.	4.5	2
1607	FUZZY PROBABILITIES AND THEIR ROLE IN DECISION ANALYSIS. , 1982, , 15-21.		7
1608	FUZZINESS IN INFORMATIVE LOGICS. , 1975, , 97-124.		6
1609	DECISION-MAKING AND ITS GOAL IN A FUZZY ENVIRONMENT. , 1975, , 257-277.		19



#	ARTICLE	IF	CITATIONS
1610	EXPERIMENTAL APPROACH TO FUZZY SIMULATION OF MEMORIZING, FORGETTING AND INFERENCE PROCESS. , 1975, , 409-428.		4
1611	Knowledge based integration of heterogeneous databases. , 1993, , 155-175.		22
1612	Techniques and Applications of Control Systems Based on Knowledge-Based Interpolation. , 1999, , 431-460.		1
1613	Many-valued equalities and their representations. , 2005, , 301-319.		8
1614	Consistency in preference modelling. , 2006, , 87-97.		10
1615	ON IMPLICATION AND INDISTINGUISHABILITY IN THE SETTING OF FUZZY LOGIC**la fond remembrance of Xarier Domingo.. , 1993, , 97-104.		29
1616	A Linguistic Approach to Decisionmaking with Fuzzy Sets. , 1993, , 777-784.		2
1617	Similarity, separability, and the triangle inequality.. Psychological Review, 1982, 89, 123-154.	3.8	324
1618	How to choose a fuzzy similarity measure in decision-making?. Asian Journal of Economics and Banking, 2020, 4, 37-48.	2.2	4
1619	Feature selection for binary data. , 1976, , .		15
1620	Use of Fuzzy Relation Equations for Evaluating Mathematical Modelling Skills. Oriental Journal of Physical Sciences, 2018, 3, 102-107.	0.2	2
1621	Improving the Multilayer Perceptron Learning by using a Method to Calculate the Initial Weights with the Quality of Similarity Measure based on Fuzzy Sets and Particle Swarms. Computacion Y Sistemas, 2015, 19, .	0.3	3
1622	Clouds, p-boxes, Fuzzy Sets, and Other Uncertainty Representations in Higher Dimensions. Acta Cybernetica, 2009, 19, 61-92.	0.6	8
1623	CAYLEY INTUITIONISTIC FUZZY GRAPHS. Journal of Applied Mathematics & Informatics, 2014, 32, 827-842.	0.1	4
1624	DEGREE OF VERTICES IN VAGUE GRAPHS. Journal of Applied Mathematics & Informatics, 2015, 33, 545-557.	0.1	32
1625	Numerical simulation of wooden structures with polymorphic uncertainty in material properties. International Journal of Reliability and Safety, 2018, 12, 24.	0.2	1
1626	Fuzzy Riesz subspaces, fuzzy ideals, fuzzy bands and fuzzy band projections. Annals of the West University of Timisoara: Mathematics and Computer Science, 2015, 53, 77-108.	0.1	7
1627	Fuzzy Szpilrajn Theorem through Indicators. International Journal of Computers, Communications and Control, 2014, 3, 336.	1.8	1

#	ARTICLE	IF	CITATIONS
1628	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
1629	Bipolar Fuzzy Trees. New Trends in Mathematical Sciences, 2016, 4, 58-58.	0.2	9
1630	On Domination in Fuzzy Graphs. International Journal of Computing Algorithm, 2013, 2, 81-82.	0.1	8
1631	Fuzzy Logic Applications In Chemical Processes. Journal of Mathematics and Computer Science, 2010, 01, 339-348.	1.0	17
1632	On fuzzy order relations. Journal of Nonlinear Science and Applications, 2012, 05, 357-378.	1.0	13
1633	New Concepts of Interval-Valued Fuzzy Graphs with Application. Journal of Mathematics and Informatics, 2017, 8, 69-81.	0.2	3
1634	Reasoning with linguistic preferences using NPN logic. Computer Science and Information Systems, 2010, 7, 511-528.	1.0	4
1635	Strong intuitionistic fuzzy graphs. Filomat, 2012, 26, 177-196.	0.5	154
1636	Fuzzy posets with fuzzy order applied to fuzzy ordered groups. Filomat, 2014, 28, 1835-1848.	0.5	2
1637	Eigen Spherical Fuzzy Set and its Application in Decision Making Problem. Scientia Iranica, 2019, , .	0.4	3
1638	Fuzzy Equivalence Relation, Fuzzy Congruence Relation and Fuzzy Normal Subgroups on Group G Over T-Norms. Asian Journal of Fuzzy and Applied Mathematics, 2019, 7, .	0.3	10
1639	On another view of aggregation of fuzzy relations. , 2011, , .		5
1640	Preservation of t-norm and t-conorm based properties of fuzzy relations during aggregation process. , 2013, , .		10
1641	A generalized $\hat{1}\pm$ -level decomposition concept for numerical fuzzy calculus. , 0, , .		1
1642	Modulo similarity in comparing histograms. , 0, , .		1
1643	IBA-based framework for modeling similarity. International Journal of Computational Intelligence Systems, 2018, 11, 206.	2.7	7
1644	Some Measures Relating Partitions Useful for Computational Intelligence. International Journal of Computational Intelligence Systems, 2008, 1, 1.	2.7	8
1645	Increasing and Decreasing with Fuzzy Time Series. , 0, , .		6

#	ARTICLE	IF	CITATIONS
1646	Application of intuitionistic neutrosophic graph structures in decision-making. Annals of Fuzzy Mathematics and Informatics, 2017, 14, 1-27.	0.7	3
1647	Interval-valued neutrosophic competition graphs. Annals of Fuzzy Mathematics and Informatics, 2017, 14, 99-120.	0.7	4
1648	Level graphs of intuitionistic fuzzy graphs. Annals of Fuzzy Mathematics and Informatics, 2018, 16, 55-70.	0.7	4
1649	Single valued neutrosophic relations. Annals of Fuzzy Mathematics and Informatics, 2018, 16, 201-221.	0.7	5
1650	m-Polar Generalization of Fuzzy T-Ordering Relations: An Approach to Group Decision Making. Symmetry, 2021, 13, 51.	2.2	6
1651	A Note on Computing the Crisp Order Context of a Fuzzy Formal Context for Knowledge Reduction. Journal of Information Processing Systems, 0, , .	0.9	3
1652	SELECTING TARGET MARKET BY SIMILAR MEASURES IN INTERVAL INTUITIONISTIC FUZZY SET. Technological and Economic Development of Economy, 2019, 25, 934-950.	4.6	19
1653	Measuring Customer Satisfaction Using a Fuzzy Inference System. Journal of Applied Sciences, 2009, 9, 469-478.	0.3	11
1654	Uncertainty in Concept Hierarchies for Generalization in Data Mining. , 2013, , 55-74.		1
1655	Predicting Uncertain Behavior and Performance Analysis of the Pulping System in a Paper Industry using PSO and Fuzzy Methodology. Advances in Computational Intelligence and Robotics Book Series, 2014, , 414-449.	0.4	2
1656	An Efficient Method for Forecasting Using Fuzzy Time Series. Advances in Computational Intelligence and Robotics Book Series, 2017, , 287-304.	0.4	8
1657	Handling Fuzzy Similarity for Data Classification. , 2009, , 796-802.		3
1658	Fuzzy Similarity Relations in Decision Making. Advances in Computer and Electrical Engineering Book Series, 2020, , 369-385.	0.3	3
1659	A Unified Fuzzy Data Model. Journal of Database Management, 2012, 23, 78-102.	1.5	4
1660	Fuzzy Mappings and Fuzzy Equivalence Relations. International Journal of Fuzzy Logic and Intelligent Systems, 2011, 11, 153-164.	1.1	2
1661	On monadic quantale algebras: basic properties and representation theorems. Discussiones Mathematicae - General Algebra and Applications, 2010, 30, 91.	0.2	3
1662	A Note on Noninferior Relations Based on Multiattribute Fuzzy Preferences. Transactions of the Society of Instrument and Control Engineers, 1986, 22, 549-556.	0.2	2
1663	Fuzzy Granulation Approach to Face Recognition. Lecture Notes in Computer Science, 2021, , 495-510.	1.3	2

#	ARTICLE	IF	CITATIONS
1664	Human Temporality: Qualitative Description. Understanding Complex Systems, 2021, , 137-228.	0.6	0
1665	Certain type of covers of L-fuzzy point set and their connection with L-fuzzy i-covers of L-fuzzy set. AIP Conference Proceedings, 2021, , .	0.4	1
1666	Clusterâ€scaled principal component analysis. Wiley Interdisciplinary Reviews: Computational Statistics, 0, , e1572.	3.9	1
1667	Recurrence eigenvalues of movements from brain signals. Brain Informatics, 2021, 8, 22.	3.0	3
1668	Determination of the LNG Bunkering Optimization Method for Ports Based on Geometric Aggregation Score Calculation. Journal of Marine Science and Engineering, 2021, 9, 1116.	2.6	1
1669	The Framework of Technical Evaluation Indicators for Constructing Low-Carbon Communities in China. Buildings, 2021, 11, 479.	3.1	3
1670	Possibility degree-based interval-valued q-rung orthopair fuzzy graphs. Soft Computing, 2021, 25, 15005-15020.	3.6	2
1671	ORDERING OF CONVEX FUZZY SETS : A BRIEF SURVEY AND NEW RESULTS. Journal of the Operations Research Society of Japan, 2000, 43, 138-148.	0.2	8
1672	A Family of Divergences between Î†-Probabilistic Sets with Application to Handshape Recognition. Lecture Notes in Computer Science, 2000, , 777-787.	1.3	0
1673	An Extension of the Axioms of Utility Theory Based on Fuzzy Rationality Measures. Studies in Fuzziness and Soft Computing, 2000, , 33-50.	0.8	2
1674	Resemblance Relations and Fuzzy Weak Orderings. , 2001, , 41-47.		0
1675	Fuzzy Subsets. Studies in Fuzziness and Soft Computing, 2001, , 1-20.	0.8	1
1677	A Fuzzy Set Approach to Case-Based Decision. , 2001, , 1-13.		2
1678	Some Considerations on Fuzzy Least-Squares. International Association of Geodesy Symposia, 2001, , 73-78.	0.4	0
1679	Construction of a Fuzzy Multilingual Thesaurus and Its Application to Cross-Lingual Text Retrieval. Lecture Notes in Computer Science, 2001, , 340-345.	1.3	4
1680	From Rough to Fuzzy. , 2002, , 465-500.		0
1681	Logical Measure â€” Structure of Logical Formula. Studies in Fuzziness and Soft Computing, 2002, , 417-429.	0.8	6
1682	Info-Miner: Bridging Agent Technology with Approximate Information Retrieval. Lecture Notes in Computer Science, 2002, , 459-465.	1.3	1

#	ARTICLE	IF	CITATIONS
1683	Using Granular Objects in Multi-source Data Fusion. Lecture Notes in Computer Science, 2002, , 324-330.	1.3	1
1684	Observability and the Case of Probability. Studies in Fuzziness and Soft Computing, 2002, , 249-264.	0.8	0
1685	UNDERLYING CRITERIA IN VALUED PREFERENCE RELATIONS. , 2002, , .		0
1687	Fuzzy "Between" Operators in the Framework of Fuzzy Orderings. , 2003, , 59-70.		4
1688	A Generalization of Cartesian Product of Fuzzy Subgroups and Ideals. Journal of Applied Sciences, 2003, 3, 100-102.	0.3	2
1689	Asymmetric Redundancy of Tuples in Fuzzy Relational Database. Lecture Notes in Computer Science, 2003, , 552-559.	1.3	0
1690	Dynamic Topic Mining from News Stream Data. Lecture Notes in Computer Science, 2003, , 653-670.	1.3	12
1692	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
1693	Automated Quality Control in Sound Speakers Manufacturing Using a Hybrid Neuro-Fuzzy-Fractal Approach. , 2004, , 401-417.		0
1694	Strict Valued Preference Relations and Choice Functions in Decision-Making Procedures. Lecture Notes in Computer Science, 2004, , 332-341.	1.3	0
1695	Constituent Methodologies of Soft Computing. Studies in Fuzziness and Soft Computing, 2004, , 11-158.	0.8	0
1696	Model and Fixpoint Semantics for Fuzzy Disjunctive Programs with Weak Similarity. Studies in Fuzziness and Soft Computing, 2004, , 151-202.	0.8	2
1698	Speaker Identification Based on Subtractive Clustering Algorithm with Estimating Number of Clusters. Lecture Notes in Computer Science, 2005, , 249-256.	1.3	1
1699	Generalization Data Mining in Fuzzy Object-Oriented Databases. , 2005, , 85-112.		0
1700	T-upper approximation spaces. Journal of Korean Institute of Intelligent Systems, 2005, 15, 514-519.	0.1	0
1701	Fuzzy equivalence relations and transformations. International Journal of Fuzzy Logic and Intelligent Systems, 2005, 5, 322-326.	1.1	0
1702	On Interpretation of Non-atomic Values and Induction of Decision Rules in Fuzzy Relational Databases. Lecture Notes in Computer Science, 2006, , 170-181.	1.3	2
1703	Programming with Fuzzy Logic and Mathematical Functions. Lecture Notes in Computer Science, 2006, , 89-98.	1.3	4

#	ARTICLE	IF	CITATIONS
1704	Discovery of Abstract Knowledge from Non-Atomic Attribute Values in Fuzzy Relational Databases. , 2006, , 171-182.		5
1706	Similarity Classifier with Generalized Mean; Ideal Vector Approach. Lecture Notes in Computer Science, 2006, , 1140-1147.	1.3	1
1707	Aggregation of Fuzzy Relations and Preservation of Transitivity. Lecture Notes in Computer Science, 2006, , 185-206.	1.3	0
1708	4 Data Mining. , 2006, , 539-592.		1
1710	Is Soft Computing in Technology and Medicine Human-Friendly?. Lecture Notes in Computer Science, 2006, , 366-373.	1.3	0
1711	Toward a Generalization of Rough Sets Based on Active and Passive Relations. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2006, 10, 939-945.	0.9	0
1712	INTUITIONISTIC FUZZY WEAK CONGRUENCES ON A SEMIRING. International Journal of Fuzzy Logic and Intelligent Systems, 2006, 6, 321-330.	1.1	9
1714	Similarity Management for Fuzzy Data Mining. , 2007, , .		1
1715	Agent-Based Social Modeling and Simulation with Fuzzy Sets. Advances in Intelligent and Soft Computing, 2007, , 40-47.	0.2	7
1716	How Soft Computing Is: On the Ordering of Fuzzy Sets. Communications in Computer and Information Science, 2007, , 304-312.	0.5	0
1718	A Logic-based View of Similarities and Preferences. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2008, , 23-46.	0.6	2
1719	Measurement of Level-of-Satisfaction of Decision Maker in Intelligent Fuzzy-MCDM Theory: A Generalized Approach. Springer Optimization and Its Applications, 2008, , 235-261.	0.9	2
1720	Study on judge system of fuzzy inference to classification of tunnel surrounding rock. , 2008, , 203-206.		0
1721	Lexicographic Composition of Similarity-Based Fuzzy Orderings. , 2008, , 457-469.		0
1722	On Usefulness of Methods of Fuzzy Clustering. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2009, 21, 1008-1017.	0.0	1
1723	Inner Product Space Based on Fuzzy Neighborhoods for Text Data Analysis. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2009, 21, 461-469.	0.0	0
1725	Conditioning by Minimizing Accessibility. Lecture Notes in Computer Science, 2010, , 20-33.	1.3	4
1726	Diagrams of Fuzzy Orderings. Communications in Computer and Information Science, 2010, , 535-544.	0.5	2

#	ARTICLE	IF	CITATIONS
1727	A Classification Method Based on Similarity Measures of Generalized Fuzzy Numbers in Building Expert System for Postoperative Patients. Advances in Experimental Medicine and Biology, 2010, 680, 3-10.	1.6	1
1728	Similarity-Based Equality with Lazy Evaluation. Communications in Computer and Information Science, 2010, , 108-117.	0.5	2
1729	Preference Modelling, a Matter of Degree. Profiles in Operations Research, 2010, , 123-156.	0.4	0
1730	AlianĀsa: A Proposal for a Fuzzy Database Architecture Incorporating XML. Studies in Fuzziness and Soft Computing, 2010, , 291-313.	0.8	0
1731	An Axiomatic Approach to Fuzzy Measures Like Set Cardinality for Finite Fuzzy Sets. Communications in Computer and Information Science, 2010, , 505-514.	0.5	3
1732	Finitely Valued Indistinguishability Operators. Lecture Notes in Computer Science, 2010, , 39-48.	1.3	0
1733	A Majority Guided Aggregation Operator in Group Decision Making. Studies in Fuzziness and Soft Computing, 2011, , 111-133.	0.8	5
1735	Comparative Study of Fuzzy Information Processing in Type-2 Fuzzy Systems. Intelligent Systems Reference Library, 2011, , 75-93.	1.2	0
1736	Level Sets, the Representation Theorem and the Extension Principle for Interval Valued Fuzzy Sets. Lecture Notes in Electrical Engineering, 2011, , 853-860.	0.4	1
1738	Rough Mereology. Intelligent Systems Reference Library, 2011, , 229-257.	1.2	5
1740	Coloring Fuzzy Graphs And Traffic Light Problem. Journal of Mathematics and Computer Science, 2011, 02, 431-435.	1.0	3
1741	LONG-TERM PREDICTIVE VALUE INTERVAL WITH THE FUZZY TIME SERIES. Journal of Marine Science and Technology, 2011, 19, .	0.3	12
1742	Natural Means of Indistinguishability Operators. Communications in Computer and Information Science, 2012, , 261-270.	0.5	3
1743	Searching Musical Representative Phrases Using Decision Making Based on Fuzzy Similarities. Intelligent Systems Reference Library, 2012, , 125-149.	1.2	0
1744	Solvable and Nilpotent Radicals of the Fuzzy Lie Algebras. Journal of Generalized Lie Theory and Applications, 2012, 6, 1-7.	0.1	2
1747	Application Research of Weighted Fuzzy C Means Clustering about Soil Fertility Evaluation in NongĀman County. Lecture Notes in Electrical Engineering, 2012, , 197-203.	0.4	0
1748	THE EUROZONE CRISIS AND THE ĀĀARGENTINEANĀĀ SOLUTION: FUZZY SIMILARITY AND DEFAULT RISK. , 2012, , .		0
1749	Neighbor-Based Similarities. Lecture Notes in Computer Science, 2013, , 161-170.	1.3	0

#	ARTICLE	IF	CITATIONS
1750	On the Meaning of Fuzziness. Studies in Fuzziness and Soft Computing, 2013, , 597-609.	0.8	0
1752	Fuzzy Sets and Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2013, , 1-64.	0.8	4
1753	Fuzzy preference modelling and some consequences for fuzzy implications and quasi-copulas. , 2013, , .		0
1754	Reciprocal and Linguistic Preferences. Studies in Fuzziness and Soft Computing, 2013, , 193-197.	0.8	0
1755	Data Discovery Approaches for Vague Spatial Data. , 2013, , 50-65.		0
1756	Review of Fuzzy Logical Database Models. IOSR Journal of Computer Engineering, 2013, 8, 24-34.	0.1	2
1757	A Fuzzy Clustering Method of Color Image With Semantic Color Tree. , 2013, , .		0
1758	Fuzzy Clustering based on Coverings. Studies in Fuzziness and Soft Computing, 2013, , 319-330.	0.8	3
1759	Demonic Fuzzy Relational Calculus. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2013, , 194-225.	0.5	0
1760	Denver Groups Classification of Human Chromosomes Using Fuzzy C-Means Clustering. Southeast Europe Journal of Soft Computing, 2013, 2, .	0.4	1
1761	Handling of Fuzzy Queries using Relational DBMS. International Journal of Computer Applications, 2013, 68, 34-40.	0.2	0
1762	Logic and Engineering. Intelligent Systems Reference Library, 2014, , 107-152.	1.2	0
1763	A Note on Fuzzy Relational Matrices. International Journal of Intelligent Systems and Applications, 2013, 5, 43-49.	1.1	1
1764	Scalability and Fuzzy Systems: What Parallelization Can Do. Studies in Computational Intelligence, 2014, , 291-320.	0.9	0
1765	Fundamentals of Soft Computing. , 2014, , .		0
1766	Approximation to the theory of affinities to manage the problems of the grouping process. Computer Science and Information Systems, 2014, 11, 779-796.	1.0	1
1767	Fuzzy Sets. , 2014, , 1-62.		0
1768	Enhanced Fuzzy-Relational Neural Network with Alternative Relational Products. Lecture Notes in Computer Science, 2014, , 666-673.	1.3	0



#	ARTICLE	IF	CITATIONS
1769	Rationality of Fuzzy Preferences. Studies in Fuzziness and Soft Computing, 2014, , 21-52.	0.8	0
1770	Consistent Collective Decisions Under Majorities Based on Differences. SSRN Electronic Journal, 0, , .	0.4	0
1771	Introduction and Scope of Part I. Advances in Industrial Control, 2014, , 3-23.	0.5	0
1772	A Geometric Examination of Majorities Based on Difference in Support. SSRN Electronic Journal, 0, , .	0.4	0
1773	Hybrid Evolutionary Optimization Algorithms. Advances in Logistics, Operations, and Management Science Book Series, 2014, , 59-95.	0.4	1
1774	Fuzzy Systems. , 1975, , 85-121.		0
1775	BIBLIOGRAPHY ON FUZZY SETS AND THEIR APPLICATIONS. , 1975, , 477-496.		1
1776	Fuzzy Statistics and Policy Analysis. , 1980, , 133-145.		9
1777	Automatic Phoneme Recognition in Continuous Speech: A Syntactic Approach. , 1980, , 191-220.		4
1778	A Heuristic Method for Finding Fuzzy Transitive Relation. Transactions of the Society of Instrument and Control Engineers, 1981, 17, 343-349.	0.2	2
1779	Linguistic Similarity Test Methods Based on Fuzzy Relations. Behaviormetrika, 1981, 8, 81-92.	1.3	0
1781	APPLICATION OF FUZZY SET FOR RECOGNITION OF HANDWRITTEN ENGLISH CHARACTERS. , 1982, , 439-443.		1
1782	A computational theory of dispositions. , 1984, , .		19
1783	Research Guide to Applications of Fuzzy Set Theory in Human Factors. Advances in Human Factors/Ergonomics, 1986, 6, 395-450.	0.1	0
1784	On orderings of fuzzy numbers. Lecture Notes in Computer Science, 1988, , 79-86.	1.3	1
1786	A Computational Theory of Dispositions. , 1988, , 215-241.		1
1787	A Cluster Analysis Method for Asymmetric Multi-Value Measures. Transactions of the Society of Instrument and Control Engineers, 1988, 24, 1084-1088.	0.2	0
1788	An Efficient Algorithm for Generating The Interconnection Matrix in the Embedding Phase of Fuzzy ISM. IEEE Transactions on Electronics, Information and Systems, 1989, 109, 747-752.	0.2	0

#	ARTICLE	IF	CITATIONS
1789	“Fuzzy Relation Equations and Decomposable Fuzzy Relations. , 1989, , 71-85.		0
1790	GROUP DECISION THEORY WITH CONVEX COMBINATION OF FUZZY EVALUATIONS. , 1989, , 1335-1346.		0
1791	On Construction of the Fuzzy Multiattribute Risk Function for Group Decision Making. , 1990, , 198-218.		1
1792	Data Analysis and Its Fuzzy Approach. Ningen Kogaku = the Japanese Journal of Ergonomics, 1992, 28, 44-47.	0.1	0
1793	STRUCTURE OF FUZZY BINARY RELATIONS. , 1993, , 724-737.		0
1795	A FUZZY REPRESENTATION OF DATA FOR RELATIONAL DATABASES. , 1993, , 660-666.		1
1796	FUZZY POWER SETS AND FUZZY IMPLICATION OPERATORS. , 1993, , 88-96.		1
1797	New Results in Fuzzy Clustering Based on the Concept of Indistinguishability Relation. , 1993, , 629-632.		0
1799	Recent Development in Fuzzy Database Systems and Applications. , 1995, , 367-376.		1
1800	FUZZY BETWEENNESS RELATIONS. Advances in Fuzzy Systems, 1995, , 283-290.	8.7	0
1801	Relational Databases and Fuzzy Sets Background. International Series in Intelligent Technologies, 1996, , 31-61.	0.1	0
1802	Similarity-Based Models. International Series in Intelligent Technologies, 1996, , 63-102.	0.1	2
1803	Fuzzy Sets in Approximate Reasoning: a Personal View. , 1996, , 3-35.		16
1804	Foundations of neural networks, fuzzy systems, and knowledge engineering. Choice Reviews, 1997, 35, 35-0330-35-0330.	0.2	188
1805	Aggregation Operators for Fuzzy Rationality Measures. Studies in Fuzziness and Soft Computing, 1998, , 98-105.	0.8	0
1807	A New Approach to Linguistic Negation based upon Compatibility Level and Tolerance Threshold. Lecture Notes in Computer Science, 1998, , 416-423.	1.3	3
1809	Logical Database Models for Uncertain Data. Studies in Fuzziness and Soft Computing, 1999, , 113-214.	0.8	0
1810	Physical Design of Fuzzy Databases. Studies in Fuzziness and Soft Computing, 1999, , 15-39.	0.8	1

#	ARTICLE	IF	CITATIONS
1811	Conceptual Modeling of Complex and Uncertain Information. Studies in Fuzziness and Soft Computing, 1999, , 41-112.	0.8	0
1813	Development of Fuzzy Learning Vector Quantization Neural Network for Artificial Odor Discrimination System. , 1999, , 312-316.		0
1814	Fuzzy Decision Theory. , 1999, , 185-213.		0
1816	Fuzzy Theory Techniques and Their Application in Digital Image Transformation. , 1999, , 959-972.		2
1817	On Fuzzy Orders and Metrics. The Bulletin of Society for Mathematical Services and Standards, 0, 10, 48-52.	0.0	0
1819	Extensi3n de una red neuronal relacional difusa incorporando distintos productos relacionales a la etapa de entrenamiento. Research in Computing Science, 2014, 72, 73-84.	0.1	0
1820	A Study on Double, Triple and N - Tuple Domination of Fuzzy Graphs. International Journal of Computer Applications, 2014, 107, 1-7.	0.2	1
1821	On some properties of general aggregation operators based on a fuzzy equivalence relation. , 0, , .		0
1822	Many-Valued Preorders II: The Symmetry Axiom and Probabilistic Geometry. Studies in Fuzziness and Soft Computing, 2015, , 151-165.	0.8	0
1823	On two categories of many valued relations. , 0, , .		0
1824	Left and right compatibility of strict orders with fuzzy tolerance and fuzzy equivalence relations. , 0, , .		0
1825	Nondeterministic Fuzzy Operators. Springer Proceedings in Mathematics and Statistics, 2015, , 451-456.	0.2	0
1826	Interval-Valued Fuzzy Preference Relations and Their Properties. Advances in Intelligent Systems and Computing, 2015, , 341-352.	0.6	0
1828	Fuzzy similarity measures as a basis for the selection of examiners. Journal of Fuzzy Set Valued Analysis, 2015, 2015, 245-258.	0.2	4
1829	MONOIDS OF S-H FUZZY PARTITIONS OF A SET. International Journal of Pure and Applied Mathematics, 2015, 98, .	0.2	0
1830	An axiomatic definition of cardinality for finite interval-valued hesitant fuzzy sets. , 0, , .		0
1831	Similarity of Fuzzy Choice Functions. , 2015, , 317-344.		0
1832	An improvement to the classification based on the measurement of the similarity quality using fuzzy relations. DYNA (Colombia), 2015, 82, 70-76.	0.4	0

#	ARTICLE	IF	CITATIONS
1833	FUZZY LATTICES AS FUZZY RELATIONS. Korean Journal of Mathematics, 2015, 23, 557-569.	0.2	1
1834	Research on Similarity Values Relevant for Fuzzy Matrix Consistency Check. Annals of DAAAM & Proceedings, 2016, , 0645-0649.	0.1	0
1835	Reservation for Other Backward Classes in Indian Central Government Institutions like IITS, IIMS and AIIMS A Study of the Role of Media Using Fuzzy Super FRM Models. SSRN Electronic Journal, 0, , .	0.4	0
1836	Classification of Air Quality Monitoring Stations Using Fuzzy Similarity Measures: A Case Study. Studies in Fuzziness and Soft Computing, 2016, , 489-501.	0.8	1
1837	Comparison of Algorithms for Decision Making Problems and Preservation of $\hat{I}_{\pm}$ -properties of Fuzzy Relations in Aggregation Process. Journal of Automation, Mobile Robotics and Intelligent Systems, 2016, 10, 25-39.	0.4	1
1839	SOME PROPERTIES OF FUZZY LATTICES AS FUZZY RELATIONS. Korean Journal of Mathematics, 2016, 24, 525-535.	0.2	0
1841	Predicting Uncertain Behavior and Performance Analysis of the Pulping System in a Paper Industry Using PSO and Fuzzy Methodology. , 2017, , 1070-1109.		1
1842	Classification by Nearest Neighbor and Multilayer Perceptron a New Approach Based on Fuzzy Similarity Quality Measure: A Case Study. Communications in Computer and Information Science, 2017, , 388-397.	0.5	0
1843	Contributions of Fuzzy Concepts to Data Clustering. Studies in Computational Intelligence, 2017, , 9-28.	0.9	0
1844	M-bornologies on L-valued Sets. Advances in Intelligent Systems and Computing, 2018, , 450-462.	0.6	4
1845	Rule Base Reduction Using Conflicting and Reinforcement Measures. Smart Innovation, Systems and Technologies, 2018, , 129-137.	0.6	0
1846	Transitivity of generalized intuitionistic fuzzy matrices. New Trends in Mathematical Sciences, 2017, 4, 172-181.	0.2	0
1847	Resolution of Fuzzy Relation Equations When the Fuzzy Relation is Defined on Fuzzy Subsets. Studies in Systems, Decision and Control, 2018, , 595-603.	1.0	0
1849	Strengthening and Weakening Members of a Network. Studies in Fuzziness and Soft Computing, 2018, , 1-55.	0.8	0
1850	On the Use of Fuzzy Preorders in Multi-robot Task Allocation Problem. Communications in Computer and Information Science, 2018, , 195-206.	0.5	2
1851	On the Problem of Aggregation of Partial T-Indistinguishability Operators. Communications in Computer and Information Science, 2018, , 207-218.	0.5	2
1852	PROMIJENE PROTEINA U TOKU SMRZAVANJA I SKLADI. , 2018, 17, .	0.0	0
1853	Improving Case Based Software Effort Estimation Using a Multi-criteria Decision Technique. Advances in Intelligent Systems and Computing, 2019, , 438-451.	0.6	2

#	ARTICLE	IF	CITATIONS
1855	Aggregation of Partial T-Indistinguishability Operators. , 0, , .		1
1856	Data Science: Similarity, Dissimilarity and Correlation Functions. Lecture Notes in Computer Science, 2019, , 13-28.	1.3	4
1857	Different Aggregation Modes Applications Within the Framework of Weights Uncertainty. Lecture Notes in Computer Science, 2019, , 373-384.	1.3	0
1858	Robot Coalition Formation Based on Fuzzy Cooperative Games over Blockchain-Based Smart Contracts. IFIP Advances in Information and Communication Technology, 2019, , 346-355.	0.7	2
1859	Detecting Steading Conversational Groups on an Still Image: A Single Relational Fuzzy Approach. Lecture Notes in Computer Science, 2019, , 241-250.	1.3	0
1860	Assessing Water Quality in Payments for Environmental Services. Advances in Mechatronics and Mechanical Engineering, 2019, , 1-17.	1.0	0
1861	Algorithm for Finding Domination Set in Intuitionistic Fuzzy Graph. , 0, , .		2
1862	Fuzzy Clustering and Fuzzy Clustering Models. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2019, 31, 75-81.	0.0	0
1863	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
1864	Contrast Similarity Measures of Fuzzy Sets. Computacion Y Sistemas, 2019, 23, .	0.3	0
1865	Granular Computing Based on m-Polar Fuzzy Hypergraphs. Studies in Fuzziness and Soft Computing, 2020, , 339-364.	0.8	0
1867	An Introduction to Fuzzy Matrices. Advances in Computer and Electrical Engineering Book Series, 2020, , 1-25.	0.3	0
1868	Graphical sustainability analysis using disjoint biplots. Operational Research, 2022, 22, 1575-1596.	2.0	1
1869	General local properties of fuzzy relations and fuzzy multisets used to an algorithm for group decision making. , 2020, , .		0
1870	Fuzzy Relations and Relational Computing. Intelligent Systems Reference Library, 2021, , 49-65.	1.2	0
1871	On the Concept of Fuzzy Graphs for Some Networks. Advances in Intelligent Systems and Computing, 2021, , 344-357.	0.6	1
1872	Equidistant k-layer multi-granularity knowledge space. Knowledge-Based Systems, 2021, 234, 107596.	7.1	2
1874	Dissimilarity-Based Correlation of Movements and Events on Circular Scales of Space and Time. Lecture Notes in Computer Science, 2020, , 237-246.	1.3	0

#	ARTICLE	IF	CITATIONS
1875	The L-ordered L-semihypergroups. Open Mathematics, 2020, 18, 552-571.	1.0	1
1876	A Novel Consensus Evaluation by an APP for Suppressing Bad Driving. , 2020, , .		0
1877	Energy of m-Polar Fuzzy Digraphs. Advances in Computer and Electrical Engineering Book Series, 2020, , 469-491.	0.3	1
1878	Measuring Variability and Association for Categorical Data. SSRN Electronic Journal, 0, , .	0.4	0
1879	Coloring of Fuzzy Graph. , 2020, , 175-193.		0
1880	Finding reason for school dropouts using repeated average method on fuzzy soft sets. Malaya Journal of Matematik, 2020, 8, 1547-1550.	0.2	0
1881	Similarity-Based Correlation Functions for Binary Data. Lecture Notes in Computer Science, 2020, , 224-233.	1.3	2
1882	Generalized Weak Transitivity of Preference. Communications in Computer and Information Science, 2020, , 119-128.	0.5	1
1885	Multi-Criteria Evaluation of Reconstruction Strategies for Distribution Power Networks Designed for Rural Power Supply. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 310-329.	0.4	0
1886	Bipolar Fuzzy (Directed) Hypergraphs. Studies in Fuzziness and Soft Computing, 2020, , 155-186.	0.8	0
1888	Measure of Lattice-Valued Direct F-transforms and Its Topological Interpretations. Communications in Computer and Information Science, 2020, , 240-253.	0.5	0
1889	Hypergraphs for Interval-Valued Structures. Studies in Fuzziness and Soft Computing, 2020, , 125-154.	0.8	0
1890	Fuzzy Recurrence Plots. , 2020, , 29-55.		2
1891	Spherical fuzzy graph. Malaya Journal of Matematik, 2020, 8, 1966-1969.	0.2	1
1892	The unbounded fuzzy norm convergence in fuzzy Banach lattices. Soft Computing, 2022, 26, 25-31.	3.6	0
1893	Demonic Fuzzy Relational Calculus. , 0, , 390-419.		0
1894	Hybrid Evolutionary Optimization Algorithms. , 0, , 1072-1107.		0
1895	Processing of Queries with Fuzzy Similarity Domains. Advances in Data Mining and Database Management Book Series, 0, , 88-128.	0.5	0

#	ARTICLE	IF	CITATIONS
1896	Bipolar Fuzzy Sets and Equilibrium Relations. , 0, , 129-158.		0
1897	MentalSquares. , 0, , 298-332.		0
1898	Data Discovery Approaches for Vague Spatial Data. , 0, , 342-360.		1
1900	Clustering Deep Web Databases Semantically. , 2008, , 365-376.		4
1903	Numerical Properties of Fuzzy Regions: Surface Area. Lecture Notes in Computer Science, 2007, , 155-161.	1.3	0
1906	Relational Algebra for Ranked Tables with Similarities: Properties and Implementation. Lecture Notes in Computer Science, 2007, , 140-151.	1.3	5
1907	Enabling Selective Flooding to Reduce P2P Traffic. , 2007, , 188-205.		5
1908	Similarities for Crisp and Fuzzy Probabilistic Expert Systems. , 2008, , 23-42.		0
1909	Fuzzy Membership Function Evaluation by Non-Linear Regression: An Algorithmic Approach. Fuzzy Information and Engineering, 2020, 12, 412-434.	1.7	5
1910	On Some Applications of h-generated Fuzzy Implications. WSEAS Transactions on Systems and Control, 2020, 15, 490-507.	0.8	1
1911	Fuzzy relational calculus. , 0, , .		7
1912	Assessing the sustainability of potential gas hydrate exploitation projects by integrating commercial, environmental, social and technical considerations. , 2022, , 301-343.		1
1913	Roughness of soft sets and fuzzy sets in semigroups based on set-valued picture hesitant fuzzy relations. AIMS Mathematics, 2022, 7, 2891-2928.	1.6	1
1914	Transitive full covers of incomplete preference relations. Information Fusion, 2022, 80, 44-55.	19.1	0
1915	Fifty years of similarity relations: a survey of foundations and applications. International Journal of General Systems, 2022, 51, 126-184.	2.5	1
1916	Science vs. Sophistryâ€”A historical debate on bipolar fuzzy sets and equilibrium-based mathematics for AI&QI. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6781-6799.	1.4	5
1917	A Semantic Approach for Quality Assurance and Assessment of Volunteered Geographic Information. Information (Switzerland), 2021, 12, 492.	2.9	3
1918	Improved arithmetic optimization algorithm for design optimization of fuzzy controllers in steel building structures with nonlinear behavior considering near fault ground motion effects. Artificial Intelligence Review, 2022, 55, 4041-4075.	15.7	10

#	ARTICLE	IF	CITATIONS
1919	Q-orders with no unit on Q. Journal of Intelligent and Fuzzy Systems, 2022, 42, 2309-2316.	1.4	0
1920	A New Trend to Extensions of CI-algebras. , 2020, , 08-15.		4
1921	The Properties of Fuzzy Riesz Homomorphism on Fuzzy Riesz Space. Pure Mathematics, 2021, 11, 1781-1787.	0.0	0
1922	Generalised soft multi-mode real options model (fuzzy-stochastic approach). Expert Systems With Applications, 2022, 192, 116388.	7.6	6
1924	Fuzzy Zorn's lemma with applications. Applied Mathematics, 2021, 36, 521-536.	1.0	2
1925	An effective modified possibilistic Fuzzy C-Means clustering algorithm for noisy data problems. , 2021, , .		2
1926	Decision-making methods based on fuzzy soft competition hypergraphs. Complex & Intelligent Systems, 2022, 8, 2325-2348.	6.5	6
1929	Dominating Broadcasts in Fuzzy Graphs. Mathematics, 2022, 10, 281.	2.2	1
1930	A method for solving bipolar fuzzy complex linear systems with real and complex coefficients. Soft Computing, 2022, 26, 2157-2178.	3.6	12
1931	Selection of best inter-country airline service using q-rung picture fuzzy graph structures. Computational and Applied Mathematics, 2022, 41, 1.	2.2	6
1933	Local feature based self-embedding fragile watermarking scheme for tampered detection and recovery utilizing AMBTC with fuzzy logic. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 9822-9835.	3.9	11
1934	Lifetime prolongation of a wireless charging sensor network using a mobile robot via linear Diophantine fuzzy graph environment. Complex & Intelligent Systems, 2022, 8, 2419-2434.	6.5	10
1935	Bipolar disorder diagnosis with cubic bipolar fuzzy information using TOPSIS and ELECTRE-I. International Journal of Biomathematics, 0, , .	2.9	4
1936	Transitive Fuzzy Similarity Multigraph-Based Model for Alternative Clustering in Multi-criteria Group Decision-Making Problems. International Journal of Fuzzy Systems, 2022, 24, 2569-2590.	4.0	3
1937	New Concepts in the Vague Graph Structure with an Application in Transportation. Journal of Function Spaces, 2022, 2022, 1-11.	0.9	8
1939	Classification of Caenorhabditis Elegans Locomotion Behaviors with Eigenfeature-Enhanced Long Short-Term Memory Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, PP, 1-1.	3.0	0
1941	$\langle i \rangle L \langle /i \rangle$ -graph Automata And Some Applications. Computer Journal, 2023, 66, 1698-1716.	2.4	3
1943	Theory of the Single Linkage Method. Behaviormetrics, 2022, , 43-60.	0.5	0



#	ARTICLE	IF	CITATIONS
1945	Robust optimality analysis of non-degenerate basic feasible solutions in linear programming problems with fuzzy objective coefficients. Fuzzy Optimization and Decision Making, 0, , 1.	5.5	1
1946	Application of Fuzzy and Rough Logic to Posture Recognition in Fall Detection System. Sensors, 2022, 22, 1602.	3.8	7
1947	Connectivity Index in Vague Graphs with Application in Construction. Discrete Dynamics in Nature and Society, 2022, 2022, 1-15.	0.9	1
1948	New Results in Vague Incidence Graphs with Application. Journal of Function Spaces, 2022, 2022, 1-7.	0.9	2
1949	Hybrid Interior Ideals in Ordered Semigroups. New Mathematics and Natural Computation, 2022, 18, 1-8.	0.7	5
1950	ZL-Completions for ZL-Semigroups. Symmetry, 2022, 14, 578.	2.2	1
1951	A Study on Vague Graph Structures with an Application. Advances in Mathematical Physics, 2022, 2022, 1-14.	0.8	3
1952	Linear Diophantine Fuzzy Rough Sets: A New Rough Set Approach with Decision Making. Symmetry, 2022, 14, 525.	2.2	21
1953	Certain Concepts in Vague Graph with an Application. Discrete Dynamics in Nature and Society, 2022, 2022, 1-8.	0.9	0
1954	On the Number of Finite Fuzzy Subsets with Analysis of Integer Sequences. Mathematics, 2022, 10, 1161.	2.2	0
1955	Fuzzy improved distribution function and order statistics. Journal of Computational and Applied Mathematics, 2022, 411, 114266.	2.0	0
1956	SBQP: Towards a Semantic-Based Query Processing for Efficient Mediation Caching. Lecture Notes in Networks and Systems, 2022, , 477-487.	0.7	2
1957	Evaluating Human Preferences Based Decision Making by Utilizing Fuzzy Technique. , 2021, , .		0
1958	Fusion of Momentary Moods in Major Depression with Fuzzy Recurrence Analysis and Tensor Decomposition. , 2021, , .		1
1959	A Novel Description on Vague Graph with Application in Transportation Systems. Journal of Mathematics, 2021, 2021, 1-11.	1.0	46
1960	The Behavior of L-graph Automata. , 2022, , .		1
1961	Certain Concepts of Interval-Valued Intuitionistic Fuzzy Graphs with an Application. Advances in Mathematical Physics, 2022, 2022, 1-12.	0.8	6
1962	Some Properties of L-graphs. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
1963	Soft Bond Game Options Valuation in Discrete Time Using a Fuzzy-Stochastic Approach. International Journal of Fuzzy Systems, 0, , 1.	4.0	0
1965	Dynamic Discovery of Fuzzy Functional Dependencies Using Partitions. , 0, , 44-60.		1
1966	Properties of Fuzzy Normed Riesz Spaces. Advances in Applied Mathematics, 2022, 11, 2017-2023.	0.1	0
1967	Novel Concepts in Bipolar Fuzzy Graphs with Applications. Journal of Mathematics, 2022, 2022, 1-9.	1.0	2
1968	Novel Concepts in Vague Graphs with Application in Hospital's Management System. Journal of Mathematics, 2022, 2022, 1-9.	1.0	2
1969	Target-scale prospectivity modeling for gold mineralization within the Rajapalot Au-Co project area in northern Fennoscandian Shield, Finland. Part 1: Application of knowledge-driven- and machine learning-based-hybrid- expert systems for exploration targeting and addressing model-based uncertainties. Ore Geology Reviews, 2022, 147, 104937.	2.7	4
1970	Edge integrity for signed fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2022, , 1-10.	1.4	0
1971	An improved $\$A^{\$}$ search algorithm for the shortest path under interval-valued Pythagorean fuzzy environment. Granular Computing, 2023, 8, 241-251.	8.0	1
1972	Fuzzy Halpern and Shoham's interval temporal logics. Fuzzy Sets and Systems, 2022, , .	2.7	0
1973	Measure of Similarity Between Fuzzy Concepts for Identification of Fuzzy User's Requests in Fuzzy Semantic Networks. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2001, 9, 743-748.	1.9	2
1974	On Possibilistic and Probabilistic Approximations of Unrestricted Belief Functions Based on the Concept of Fuzzy T-Preorder. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 185-200.	1.9	0
1975	Some Results in Neutrosophic Cubic Graphs with an Application in School's Management System. Journal of Mathematics, 2022, 2022, 1-19.	1.0	0
1976	Creating a Healthy Environment for Children: GIS Tools for Improving the Quality of the Social Welfare Management System. International Journal of Environmental Research and Public Health, 2022, 19, 7128.	2.6	2
1980	Extension of fuzzy linear operators on fuzzy Riesz spaces. Bulletin Des Sciences Mathematiques, 2022, , 103168.	1.0	2
1981	Classification Of Ecg Signals Of Heart Beats Using Tf-Ts Lstm With Augmented Fuzzy Recurrence Eigenvalues. , 2022, , .		1
1982	Mining consensus sequence in multi-criteria group decision making with incomparability of alternatives and conflicts of experts. Information Sciences, 2022, 610, 359-380.	6.9	2
1983	Consistency of total fuzzy relations: New algorithms to detect and repair inconsistent judgments. Expert Systems With Applications, 2022, 209, 118234.	7.6	2
1984	Consequence operators, interior operators and fuzzy relations. Fuzzy Sets and Systems, 2022, , .	2.7	0

#	ARTICLE	IF	CITATIONS
1985	Real-valued hemimetric-based fuzzy rough sets and an application to contour extraction of digital surfaces. <i>Fuzzy Sets and Systems</i> , 2023, 459, 201-219.	2.7	10
1986	Monoids with quantale-valued preorders: Globalizations and localizations. <i>Fuzzy Sets and Systems</i> , 2022, , .	2.7	0
1987	Similarity measurement of fuzzy entropies of respiratory sounds and risk measurement according to credibility distributions. <i>Soft Computing</i> , 0, , .	3.6	0
1988	Identify Information Variability in Reciprocal Cognitive Fuzzy Preference Relations by an Additive Transitivity Learning Model. <i>International Journal of Fuzzy Systems</i> , 0, , .	4.0	0
1989	The Laplacian Energy of Hesitancy Fuzzy Graphs in Decision-Making Problems. <i>Computer Systems Science and Engineering</i> , 2023, 44, 2637-2653.	2.4	3
1990	Bounded Rational Reciprocal Preference Relation for Decision Making. <i>Informatica</i> , 2022, , 1-18.	2.7	0
1991	A Comparative Study of Fuzzy Linear and Multi-Objective Optimization. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2022, , 117-136.	0.3	2
1992	Balanced Relations Equations. , 2022, , .		3
1993	Pareto Interval Type“2 Fuzzy Decision Making for Labeled Objects. , 2022, , .		1
1994	Fuzzy Interpolation of Fuzzy Rough Sets. , 2022, , .		1
1995	Information measures for MADM under m-polar neutrosophic environment. <i>Granular Computing</i> , 2023, 8, 597-616.	8.0	2
1996	A Study on Groupoids, Ideals and Congruences via Cubic Sets. <i>Axioms</i> , 2022, 11, 443.	1.9	0
1997	Connectivity Concepts in Intuitionistic Fuzzy Incidence Graphs with Application. <i>International Journal of Applied and Computational Mathematics</i> , 2022, 8, .	1.6	4
1998	Fuzzy Relations: The Fundament for Fuzzy Rough Approximation, Fuzzy Concept Analysis and Fuzzy Mathematical Morphology. <i>Studies in Computational Intelligence</i> , 2023, , 25-35.	0.9	1
1999	A fuzzy approach to support decision-making in the triage process for suspected COVID-19 patients in Brazil. <i>Applied Soft Computing Journal</i> , 2022, 129, 109626.	7.2	3
2000	Clustering-Based Scaling for Healthcare Data. , 2022, , 147-165.		0
2001	Identifying critical transitions in major depression with fuzzy recurrence entropy. <i>International Journal of Transgender Health</i> , 2022, 15, 1086-1100.	2.3	0
2002	Fuzzy Soft Relations-Based Rough Soft Sets Classified by Overlaps of Successor Classes with Measurement Issues. <i>Lecture Notes in Computer Science</i> , 2022, , 26-39.	1.3	0

#	ARTICLE	IF	CITATIONS
2003	REVISITING SOME FUZZY ALGEBRAIC STRUCTURES. Journal of Computer Science and Cybernetics, 2022, 38, 213-228.	0.3	0
2004	An empirical approach on fuzzy graph structures to promote women's safety in smart cities of India. AIP Conference Proceedings, 2022, , .	0.4	0
2005	Fuzzy Operators in Fuzzy Riesz Spaces. Pure Mathematics, 2022, 12, 1902-1909.	0.0	0
2006	Complex spherical fuzzy TOPSIS based on entropy. Expert Systems With Applications, 2023, 215, 119331.	7.6	20
2007	A branch and bound approach for solving interval valued intuitionistic fuzzy assignment problem. AIP Conference Proceedings, 2022, , .	0.4	1
2008	A study on multi-objective fuzzy assignment problem using diagonal optimal algorithm method with triangular fuzzy number. AIP Conference Proceedings, 2022, , .	0.4	1
2009	Classification of IHC Images of NATs With ResNet-FRP-LSTM for Predicting Survival Rates of Rectal Cancer Patients. IEEE Journal of Translational Engineering in Health and Medicine, 2023, 11, 87-95.	3.7	4
2010	Linear Diophantine Fuzzy Rough Sets on Paired Universes with Multi Stage Decision Analysis. Axioms, 2022, 11, 686.	1.9	5
2011	Calculating the interaction index of a fuzzy measure: A polynomial approach based on sampling. Fuzzy Sets and Systems, 2023, 466, 108454.	2.7	0
2012	A study of clustering on optimal fuzzy equivalence relations. Soft Computing, 2023, 27, 1415-1424.	3.6	1
2013	Fuzzy Extension of Crisp Metric by Means of Fuzzy Equivalence Relation. Mathematics, 2022, 10, 4648.	2.2	1
2014	Fuzzy structures induced by fuzzy betweenness relations. Fuzzy Sets and Systems, 2023, 466, 108443.	2.7	2
2015	Non-fragile output feedback control for PDT-switched fuzzy systems under weighted try-once-discard protocol and its application. Information Sciences, 2023, 626, 390-406.	6.9	2
2016	Methods to find strength of job competition among candidates under single-valued neutrosophic soft model. Mathematical Biosciences and Engineering, 2022, 20, 4609-4642.	1.9	3
2017	Algorithms to Compute The Demonic Transitive Closure of Fuzzy Relations. , 0, , .		0
2018	Powerset operators induced by fuzzy relations as a basis for fuzzification of various mathematical structures. International Journal of Approximate Reasoning, 2023, , .	3.3	0
2019	Hierarchical Decomposition by Means of Fuzzy Simplicial Complexes. Lecture Notes in Networks and Systems, 2022, , 208-216.	0.7	0
2020	Entropy on Fuzzy $\mathcal{G}^3$ -equivalence Relations's Lattice. Lecture Notes in Networks and Systems, 2022, , 200-207.	0.7	0

#	ARTICLE	IF	CITATIONS
2021	To prefabricate or not? A method for evaluating the impact of prefabrication in building construction. Construction Innovation, 2022, 24, 65-82.	2.7	1
2022	Cycle connectivity and cyclic connectivity index of intuitionistic fuzzy graphs1. Journal of Intelligent and Fuzzy Systems, 2023, , 1-12.	1.4	0
2023	Picture Fuzzy Relations over Picture Fuzzy Sets. American Journal of Computational Mathematics, 2023, 13, 161-184.	0.5	0
2024	Decision support algorithm under SV-neutrosophic hesitant fuzzy rough information with confidence level aggregation operators. AIMS Mathematics, 2023, 8, 11973-12008.	1.6	1
2025	Characterization of fuzzy soft tri-pre-open set in fuzzy soft tri-topological spaces. AIP Conference Proceedings, 2023, , .	0.4	1
2027	Two level supply chain inventory model for imperfect items with trade credit and fuzzy monsoon demand. AIP Conference Proceedings, 2022, , .	0.4	0
2028	A Study on the Properties of Fuzzy Disjoint Complement and Fuzzy Projection Band in Fuzzy Riesz Spaces. Pure Mathematics, 2022, 12, 2178-2188.	0.0	0
2029	New concepts on level graphs of vague graphs with application in medicine. Frontiers in Physics, 0, 11, .	2.1	0
2030	EVALUATING PARETO FRONT WITH TOPSIS AND FUZZY TOPSIS FOR LITERACY RATES IN ODISHA. , 2015, 1, 18-32.		0
2031	Comparison measures for Pythagorean $m$ -polar fuzzy sets and their applications to robotics and movie recommender system. AIMS Mathematics, 2023, 8, 10357-10378.	1.6	2
2032	Introduction to Fuzzy Sets, Soft Sets, Multisets and Their Generalizations. , 2023, , 1-15.		0
2033	Fuzzy approximation based on $\mathcal{K}$ fuzzy open (closed) sets. Mathematical Foundations of Computing, 2023, 6, 558-572.	1.1	0
2035	Fuzzy PID Controlled Temperature in Phototherapy Incubator for Infant Jaundice Treatment: A Simulation. , 2023, , .		1
2036	Fuzzy topological analysis of pizza graph. AIMS Mathematics, 2023, 8, 12841-12856.	1.6	1
2037	Bridging the Gap between Medical Tabular Data and NLP Predictive Models: A Fuzzy-Logic-Based Textualization Approach. Electronics (Switzerland), 2023, 12, 1848.	3.1	0
2038	Deep time-recurrence features. Europhysics Letters, 2023, 142, 51001.	2.0	2
2039	Axiomatic characterizations of $(\alpha, \beta)$ -fuzzy rough approximation operators via overlap and grouping functions on a complete lattice. International Journal of General Systems, 2023, 52, 664-693.	2.5	1
2040	Pythagorean Neutrosophic Planar Graphs with an Application in Decision-Making. Computers, Materials and Continua, 2023, 75, 4935-4953.	1.9	0

#	ARTICLE	IF	CITATIONS
2041	Distributed consensus for nonlinear multi-agent systems with two-time-scales: A hybrid reinforcement learning consensus algorithm. Information Sciences, 2023, 641, 119091.	6.9	3
2042	New representation of a fuzzy set. Malaya Journal of Matematik, 2014, 2, 287-292.	0.2	0
2043	Fuzzy topological invariants in uniform fuzzy graphs. Journal of Intelligent and Fuzzy Systems, 2023, , 1-10.	1.4	0
2044	Non-Dominated Alternatives for a Fuzzy Set of Experts. Cybernetics and Systems Analysis, 2023, 59, 407-416.	0.7	0
2046	Fuzzy Cluster Analysis: Pseudometrics and Fuzzy Clusters. Cybernetics and Computer Technologies, 2023, , 23-34.	0.1	0
2047	Application of n-Cylindrical Fuzzy Neutrosophic Sets in Education Using Neutrosophic Similarity Index and Neutrosophic Score Ratio. Advances in Data Mining and Database Management Book Series, 2023, , 68-88.	0.5	0
2048	Various defuzzification and ranking techniques for the heptagonal fuzzy number to prioritize the vulnerable countries of stroke disease. Results in Control and Optimization, 2023, 12, 100248.	2.3	2
2049	Modified fuzzy clustering algorithm based on non-negative matrix factorization locally constrained. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 11373-11383.	4.9	0
2050	Representations of L-fuzzy rough approximation operators. Information Sciences, 2023, 645, 119324.	6.9	1
2051	A characterization of categorical many-valued partial orderings by categorical topologies and an application to comma categories. Fuzzy Sets and Systems, 2023, 469, 108629.	2.7	0
2052	Fuzzy eigenvectors with matrix product of type max - increasing operation. Fuzzy Sets and Systems, 2023, 465, 108536.	2.7	0
2053	An Intuitionistic Fuzzy-Rough Set-Based Classification for Anomaly Detection. Applied Sciences (Switzerland), 2023, 13, 5578.	2.5	0
2054	Some Intuitionistic Cubic Fuzzy Muirhead Mean Operators with Their Application to Multicriteria Decision Making. International Journal of Intelligent Systems, 2023, 2023, 1-21.	5.7	2
2055	Adjacent Vertex Distinguishing Coloring of Fuzzy Graphs. Mathematics, 2023, 11, 2233.	2.2	0
2056	Evacuation Centers Choice by Intuitionistic Fuzzy Graph. Lecture Notes in Networks and Systems, 2023, , 391-400.	0.7	0
2057	Many-valued partial orders in a closed monoidal category. Fuzzy Sets and Systems, 2023, 468, 108591.	2.7	1
2058	Fuzzy congruence relation on fuzzy lattice. , 2023, 10, .		1
2059	Bio�tica global y redes neuronales artificiales. Revista Latinoamericana De Bio�tica, 2023, 23, 9-10.	0.3	0

#	ARTICLE	IF	CITATIONS
2060	$\hat{I}^2$ -fuzzy equivalence relations, $\hat{I}^2$ -fuzzy partitions and the rough set model. Fuzzy Sets and Systems, 2023, 471, 108670.	2.7	0
2061	An approach for spherical fuzzy relations via relator spaces. Journal of Intelligent and Fuzzy Systems, 2023, , 1-12.	1.4	0
2063	Fuzzy Metrics in Terms of Fuzzy Relations. Mathematics, 2023, 11, 3528.	2.2	1
2064	Basic theory of s-posets. Soft Computing, 2023, 27, 13739-13752.	3.6	0
2065	Conceptuality Degree of $\hat{A}$ -Oriented Crisply Generated Fuzzy Preconcepts. Lecture Notes in Computer Science, 2023, , 86-98.	1.3	0
2066	Takagi-Sugeno-Kang fuzzy system fusion: A survey at hierarchical, wide and stacked levels. Information Fusion, 2024, 101, 101977.	19.1	6
2067	Fuzzy Equivalence Relations for $\hat{A}$ -Solving a $\hat{A}$ -Multiple Objective Linear Programming Problem. Lecture Notes in Computer Science, 2023, , 112-123.	1.3	0
2068	On the concept of fuzzy order II: Antisymmetry. International Journal of General Systems, 2023, 52, 972-990.	2.5	3
2069	On the concept of fuzzy order I: Remarks and observations. International Journal of General Systems, 2023, 52, 948-971.	2.5	4
2070	The Impact of the Level of Training of Airport Security Control Operators on the Energy Consumption of the Baggage Control Process. Energies, 2023, 16, 6957.	3.1	1
2071	New MCDM applications using cubic bipolar fuzzy model in medicine and engineering. Soft Computing, 0, , .	3.6	0
2072	Novel Fuzzy Correlation Coefficient and Variable Selection Method for Fuzzy Regression Analysis Based on Distance Approach. International Journal of Fuzzy Systems, 0, , .	4.0	0
2073	Fuzzy Rough Sets-Based Incremental Feature Selection for Hierarchical Classification. IEEE Transactions on Fuzzy Systems, 2023, 31, 3721-3733.	9.8	2
2074	Fuzzy Computational Analysis of Flower Graph via Fuzzy Topological Indices. Journal of Mathematics, 2023, 2023, 1-8.	1.0	0
2075	Determination of various factors to evaluate a successful curriculum design using interval-valued Pythagorean neutrosophic graphs. Soft Computing, 0, , .	3.6	0
2076	Investigate the potential of using fuzzy similarity in decision making under uncertainty for mining projects. Resources Policy, 2023, 86, 104087.	9.6	1
2077	Clustering Z-information based on a system of fuzzy reference requirements. E3S Web of Conferences, 2023, 420, 06022.	0.5	0
2078	An Orthographic Similarity Measure for $\hat{A}$ -Graph-Based Text Representations. Lecture Notes in Computer Science, 2023, , 206-218.	1.3	1

#	ARTICLE	IF	CITATIONS
2079	Homomorphism and isomorphism theorems on fuzzy lattices. , 2023, 10, .		0
2080	A method for constructing a hierarchy in systems with fuzzy relationships. AIP Conference Proceedings, 2023, , .	0.4	0
2081	Theory of truth degrees of propositions in two-valued logic. Science China Mathematics, 2002, 45, 1106-1116.	1.7	3
2082	On optimality for fuzzy optimization problems with granular differentiable fuzzy objective functions. Expert Systems With Applications, 2024, 240, 121891.	7.6	0
2083	Balanced andÂIntuitionistic Fuzzy Systems ofÂEquations. Lecture Notes in Networks and Systems, 2023, , 22-31.	0.7	0
2084	On compositions of (L-fuzzy) automata: A categorical approach. Fuzzy Sets and Systems, 2024, 475, 108749.	2.7	0
2085	Fuzzy preorders and generalized distances: The aggregation problem revisited. Fuzzy Sets and Systems, 2024, 474, 108760.	2.7	0
2086	Balanced Fuzzy Petri Nets. Parallel Processing Letters, 2023, 33, .	0.6	0
2087	Lattice-valued coarse proximity spaces. Fuzzy Sets and Systems, 2024, 475, 108766.	2.7	0
2088	Risk Assessment Modeling Based onÂAaÂGraded Fuzzy Concept Lattice. Studies in Computational Intelligence, 2023, , 144-162.	0.9	0
2089	Recommender Selection System for the Game Using Bonferroni Mean Based TOPSIS. , 2023, , .		0
2090	Methods for solving balanced fuzzy systems of equation. Procedia Computer Science, 2023, 225, 3621-3630.	2.0	0
2091	Interval valued picture fuzzy matrix: basic properties and application. Soft Computing, 0, , .	3.6	0
2092	Implementation of an Artificially Empathetic Robot Swarm. Sensors, 2024, 24, 242.	3.8	0
2093	Integration Controller For Pico Hydro Power Plant Using Fuzzy-PID Flow Control Technique. , 2023, , .		0
2094	A Fuzzy Rough Set Induced by a KM-fuzzy Pseudo Metric. , 2023, , .		0
2095	Evaluation and ranking of fuzzy sets under equivalence fuzzy relations as $\pm$ certainty and $\hat{\sim}$ possibility. Expert Systems With Applications, 2024, 248, 123175.	7.6	0
2096	Features and networks of the mandible on computed tomography. Royal Society Open Science, 2024, 11, .	2.4	0



#	ARTICLE	IF	CITATIONS
2097	Near-fault ground motion attenuation of large-scale steel structure by upgraded whale optimization algorithm. , 2024, , 91-107.		0
2098	Linearity and linear extensions of fuzzy orders revisited. Fuzzy Sets and Systems, 2024, 480, 108876.	2.7	0
2099	Type-1 Fuzzy Sets and Fuzzy Logic. , 2024, , 17-73.		0
2100	Interval-valued picture fuzzy hypergraphs with application towards decision making. Journal of Applied Mathematics and Computing, 2024, 70, 1103-1125.	2.5	0
2101	A Hierarchical Orthographic Similarity Measure for Interconnected Texts Represented by Graphs. Applied Sciences (Switzerland), 2024, 14, 1529.	2.5	0
2102	Chromatic polynomial of a picture fuzzy graph with application in traffic light control. Journal of Applied Mathematics and Computing, 2024, 70, 1395-1418.	2.5	0
2103	Localization relations. Fuzzy Sets and Systems, 2024, 484, 108929.	2.7	0
2104	On the use of fuzzy preorders and asymmetric distances for multi-robot communication. AIMS Mathematics, 2024, 9, 11511-11536.	1.6	0
2105	An extension framework for creating operators and functions for intuitionistic fuzzy sets. Information Sciences, 2024, 666, 120336.	6.9	0