

PRUFâ€™a meaning representation language for natural

International Journal of Man-Machine Studies

10, 395-460

DOI: 10.1016/s0020-7373(78)80003-0

Citation Report

#	ARTICLE	IF	CITATIONS
1	Possibility theory vs. probability theory in decision analysis. , 1977, , .		8
2	A MODEL OF LEARNING BASED ON FUZZY INFORMATION. Kybernetes, 1977, 6, 157-166.	1.2	81
3	Pruf and its application to inference from fuzzy propositions. , 1977, , .		9
4	Logical foundations for database systems. International Journal of Man-Machine Studies, 1979, 11, 481-500.	0.7	20
5	Operations in a fuzzy-valued logic. Information and Control, 1979, 43, 224-240.	1.3	148
6	From Programming Languages to Natural Languages. Mathematics in Science and Engineering, 1980, , 265-276.	0.1	0
7	Multivalent and Fuzzy Logics. Mathematics in Science and Engineering, 1980, , 151-187.	0.1	0
8	Dialogues and languageâ€”can computer ergonomics help?. Ergonomics, 1980, 23, 857-880.	1.1	16
9	Fuzzy control of the activated sludge wastewater treatment process. Automatica, 1980, 16, 695-701.	3.0	199
10	On foundations of reasoning with uncertain facts and vague concepts. International Journal of Man-Machine Studies, 1980, 12, 35-62.	0.7	30
11	Generalized fuzzy set systems and particularization. Fuzzy Sets and Systems, 1980, 4, 275-291.	1.6	8
12	L.P.L.â€”A fuzzy programming language: 2. Semantic aspects. Fuzzy Sets and Systems, 1980, 3, 261-289.	1.6	18
13	A structural approach of pattern recognition. Signal Processing, 1980, 2, 5-22.	2.1	8
14	â€œYou Can't Miss it!â€”Judging the Clarity of Directions. Cognitive Science, 1980, 4, 285-303.	0.8	31
15	A Linguistic Approach to Decisionmaking with Fuzzy Sets. IEEE Transactions on Systems, Man, and Cybernetics, 1980, 10, 716-723.	0.9	231
16	Special issue on knowledge representation. ACM SIGART Bulletin, 1980, , 1-138.	0.5	54
17	Developments in the Wake of the Theory of Possibility. , 1980, , 87-91.		2
18	Developments in conversation theoryâ€”Part 1. International Journal of Man-Machine Studies, 1980, 13, 357-411.	0.7	50

#	ARTICLE	IF	CITATIONS
19	Additions of interactive fuzzy numbers. IEEE Transactions on Automatic Control, 1981, 26, 926-936.	3.6	251
20	Retrieval models in on-line documentary information systems: An analytic review. Cybernetics and Systems Analysis, 1981, 17, 269-287.	0.0	1
21	The systems approach and fuzzy set theory bridging the gap between mathematical and language-oriented economists. Fuzzy Sets and Systems, 1981, 6, 209-233.	1.6	10
22	The IF THEN ELSE statement and interval-valued fuzzy sets of higher type. International Journal of Man-Machine Studies, 1981, 15, 385-455.	0.7	115
23	Feasible Fuzzy Semantics. On Some Problems of How to Handle Word Meaning Empirically. , 0, , .		4
24	LINGUISTIC HEDGES: THEIR RELATION TO CONTEXT AND THEIR EXPERIMENTAL REALIZATION. Cybernetics and Systems, 1982, 13, 357-374.	1.6	13
25	BINARY ANSWERS TO IMPRECISE QUESTIONS. Kybernetes, 1982, 11, 285-295.	1.2	3
26	FUZZY PATTERN MATCHING. Kybernetes, 1982, 11, 103-116.	1.2	167
27	Research on meaning-representation in natural languages. ACM SIGART Bulletin, 1982, , 35-36.	0.5	0
28	20 A unifying viewpoint on pattern recognition. Handbook of Statistics, 1982, 2, 451-477.	0.4	1
29	A note on prototype theory and fuzzy sets. Cognition, 1982, 12, 291-297.	1.1	312
30	Gradedness and conceptual combination. Cognition, 1982, 12, 299-318.	1.1	184
31	MEASURES OF UNCERTAINTY AND INFORMATION BASED ON POSSIBILITY DISTRIBUTIONS. International Journal of General Systems, 1982, 9, 43-58.	1.2	275
32	Test-score semantics for natural languages. , 1982, , .		29
33	Generalized probabilities of fuzzy events from fuzzy belief structures. Information Sciences, 1982, 28, 45-62.	4.0	138
34	A new approach to the summarization of data. Information Sciences, 1982, 28, 69-86.	4.0	393
35	Reconstruction of possibilistic behavior systems. Fuzzy Sets and Systems, 1982, 8, 175-197.	1.6	26
36	A critical assessment of truth functional modification and its use in approximate reasoning. Fuzzy Sets and Systems, 1982, 7, 103-108.	1.6	40

#	ARTICLE	IF	CITATIONS
37	Classification and linguistic characterization of non-deterministic data. Pattern Recognition Letters, 1983, 2, 33-41.	2.6	6
38	Some relationships between possibility, truth and certainty. Fuzzy Sets and Systems, 1983, 11, 151-156.	1.6	20
39	The role of fuzzy logic in the management of uncertainty in expert systems. Fuzzy Sets and Systems, 1983, 11, 199-227.	1.6	1,260
40	Quantifiers in the formulation of multiple objective decision functions. Information Sciences, 1983, 31, 107-139.	4.0	99
41	A theory, implementation and applications of human-like understanding. Mathematical Social Sciences, 1983, 5, 149-231.	0.3	1
42	Querying knowledge base systems with linguistic information via knowledge trees. International Journal of Man-Machine Studies, 1983, 19, 73-95.	0.7	27
43	Quantified propositions in a linguistic logic. International Journal of Man-Machine Studies, 1983, 19, 195-227.	0.7	88
44	A computational approach to fuzzy quantifiers in natural languages. Computers and Mathematics With Applications, 1983, 9, 149-184.	1.4	1,536
45	Linguistic variables, approximate reasoning and dispositions. Medical Informatics = Medecine Et Informatique, 1983, 8, 173-186.	0.8	91
46	A Fuzzy Set Approach to Aggregating Internal Control Judgments. Management Science, 1983, 29, 317-334.	2.4	18
47	Robot planning with fuzzy sets. Robotica, 1983, 1, 41-50.	1.3	12
48	Knowledge Databases about Industrial Plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 219-223.	0.4	0
49	Knowledge Engineering Using a Fuzzy Relational Inference Language. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 15-20.	0.4	17
50	Chapter 5 Selected Topics in Measurement Theory. Advances in Psychology, 1983, , 443-695.	0.1	0
51	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
52	Pullback in knowledge engineering. Human Systems Management, 1984, 4, 229-235.	0.5	3
53	Computer aided conceptual design in robotics. , 0, , .		3
54	An analysis of formal logics as inference mechanisms in expert systems. International Journal of Man-Machine Studies, 1984, 21, 213-227.	0.7	8

#	ARTICLE	IF	CITATIONS
55	General multiple-objective decision functions and linguistically quantified statements. International Journal of Man-Machine Studies, 1984, 21, 389-400.	0.7	122
56	Lipski's approach to incomplete information data bases restated and generalized in the setting of Zadeh's possibility theory. Information Systems, 1984, 9, 27-42.	2.4	123
57	Reconstruction families of possibilistic structure systems. Fuzzy Sets and Systems, 1984, 12, 37-60.	1.6	14
58	Models of Concepts*. Cognitive Science, 1984, 8, 27-58.	0.8	193
59	Generalizing database relational algebra for the treatment of incomplete or uncertain information and vague queries. Information Sciences, 1984, 34, 115-143.	4.0	480
60	Data Bases with Fuzzy Information and their Summarization in the Framework of Possibility theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1985, 18, 195-199.	0.4	2
61	Incidence calculus: A mechanism for probabilistic reasoning. Journal of Automated Reasoning, 1985, 1, 263.	1.1	73
62	A probabilistic interpretation of a case of inference involving fuzzy quantification. Fuzzy Sets and Systems, 1985, 16, 149-162.	1.6	0
63	Toward an expert system for identification of minerals in thin section. Journal of the International Association for Mathematical Geology, 1985, 17, 743-753.	0.7	8
64	Higher-order logics for handling uncertainty in expert systems. International Journal of Man-Machine Studies, 1985, 22, 283-293.	0.7	10
65	Fuzzy cardinality and the modeling of imprecise quantification. Fuzzy Sets and Systems, 1985, 16, 199-230.	1.6	175
66	The case for an interval-based representation of linguistic truth. Fuzzy Sets and Systems, 1985, 17, 153-165.	1.6	44
67	Prolog-ELF incorporating fuzzy logic. New Generation Computing, 1985, 3, 479-486.	2.5	61
68	The development of a medical expert system and the treatment of imprecision in the framework of possibility theory. Information Sciences, 1985, 37, 211-226.	4.0	14
69	Evidence measures based on fuzzy information. Automatica, 1985, 21, 547-562.	3.0	125
70	Implementing imprecision in information systems. Information Sciences, 1985, 37, 107-141.	4.0	140
71	Emergency-Oriented expert systems: A fuzzy approach. Information Sciences, 1985, 37, 143-155.	4.0	25
72	Fuzzy sets and expert systems. Information Sciences, 1985, 36, 123-156.	4.0	14

#	ARTICLE	IF	CITATIONS
73	STRONG TRUTH AND RULES OF INFERENCE IN FUZZY LOGIC AND APPROXIMATE REASONING. Cybernetics and Systems, 1985, 16, 23-63.	1.6	10
74	A Computational Approach to Approximate and Plausible Reasoning with Applications to Expert Systems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 260-283.	9.7	202
75	ON TRUTH FUNCTIONAL MODIFICATION. International Journal of General Systems, 1985, 10, 105-121.	1.2	0
76	A SET-THEORETIC VIEW OF BELIEF FUNCTIONS Logical operations and approximations by fuzzy sets. International Journal of General Systems, 1986, 12, 193-226.	1.2	333
77	Knowledge representation and natural language processing. Proceedings of the IEEE, 1986, 74, 905-920.	16.4	11
78	Outline of a computational approach to meaning and knowledge representation based on the concept of a generalized assignment statement. , 1986, , 198-211.		41
79	DATA BASES WITH FUZZY INFORMATION AND THEIR SUMMARIZATION IN THE FRAMEWORK OF POSSIBILITY THEORY. , 1986, , 195-199.		0
80	Is Probability Theory Sufficient for Dealing with Uncertainty in AI: A Negative View* *Research supported in part by NASA Grant NCC-275 and NSF Grants ECS-8209679 and IST-8320416.. Machine Intelligence and Pattern Recognition, 1986, , 103-116.	0.2	53
81	Automated fuzzy and probabilistic inference. Fuzzy Sets and Systems, 1986, 18, 219-235.	1.6	10
82	Fuzzy cardinals based on the generalized equality of fuzzy subsets. Fuzzy Sets and Systems, 1986, 18, 143-158.	1.6	30
83	Interval valued fuzzy sets based on normal forms. Fuzzy Sets and Systems, 1986, 20, 191-210.	1.6	874
84	Fuzzy description of ball-bearing wear. Wear, 1986, 110, 35-47.	1.5	11
85	Fuzzy sets and statistical data. European Journal of Operational Research, 1986, 25, 345-356.	3.5	173
86	Infinite-valued logic based on two-valued logic and probability. Part 1.1. Difficulties with present-day fuzzy-set theory and their resolution in the TEE model. International Journal of Man-Machine Studies, 1986, 25, 89-111.	0.7	34
87	Possibilistic qualification and default rules. Lecture Notes in Computer Science, 1987, , 41-57.	1.0	5
88	The fuzzy approach to facilities layout problems. Fuzzy Sets and Systems, 1987, 23, 175-190.	1.6	42
89	Axioms for a theory of semantic equivalence. Fuzzy Sets and Systems, 1987, 21, 319-349.	1.6	18
90	On modeling of expert knowledge and admissibility of uncertainly measures. Mathematical Modelling, 1987, 8, 222-226.	0.2	2

#	ARTICLE	IF	CITATIONS
91	Two approximate operators for a data base query language: sounds-like and close-to. IEEE Transactions on Systems, Man, and Cybernetics, 1988, 18, 873-884.	0.9	3
92	The treatment of uncertainty in knowledge-based systems using fuzzy sets and possibility theory. International Journal of Intelligent Systems, 1988, 3, 141-165.	3.3	25
93	The concept of fuzzy sets with special regard to their linguistic interpretation "a solution for fuzzy problems?". Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1988, 32, 47-68.	0.3	0
94	Fuzziness of concepts and concepts of fuzziness. Synthèse, 1988, 75, 349-372.	0.6	8
95	On fuzzy syllogisms. Computational Intelligence, 1988, 4, 171-179.	2.1	80
96	Intentional possibilistic approach to dealing with incompleteness, vagueness and uncertainty. Fuzzy Sets and Systems, 1988, 25, 277-295.	1.6	6
97	Weighted fuzzy pattern matching. Fuzzy Sets and Systems, 1988, 28, 313-331.	1.6	291
98	Mixed-initiative, goal-directed dialog in a fuzzy knowledge based consultant system. International Journal of Approximate Reasoning, 1988, 2, 15-27.	1.9	0
99	Incomplete conjunctive information. Computers and Mathematics With Applications, 1988, 15, 797-810.	1.4	43
100	RASP "A language with operations on fuzzy set. Computer Languages, Systems and Structures, 1988, 13, 143-147.	0.3	1
101	The "linguistic pattern"™ method for a workstation layout analysis. International Journal of Production Research, 1988, 26, 1779-1798.	4.9	25
102	Flexible selection among objects: a framework based on fuzzy sets. , 1988, , .		7
103	Approximate spatial reasoning. , 1988, , .		12
104	Fuzzy inference in a formal theory of semantic equivalence. Fuzzy Sets and Systems, 1989, 31, 205-216.	1.6	8
105	Fuzzy set-theoretic models for interpretation of seismic design codes. Fuzzy Sets and Systems, 1989, 29, 277-291.	1.6	3
106	A domain calculus for fuzzy relational databases. Fuzzy Sets and Systems, 1989, 29, 327-340.	1.6	38
107	Fuzzy linguistic data bases: An application. Information Systems, 1989, 14, 501-505.	2.4	1
108	Computational linguistics: an introduction. Computer Speech and Language, 1989, 3, 383-385.	2.9	0

#	ARTICLE	IF	CITATIONS
109	Epistemic necessity, possibility, and truth. Tools for dealing with imprecision and uncertainty in fuzzy knowledge-based systems. International Journal of Approximate Reasoning, 1989, 3, 35-57.	1.9	19
110	Knowledge representation in fuzzy logic. IEEE Transactions on Knowledge and Data Engineering, 1989, 1, 89-100.	4.0	429
111	Uncertainty management in intelligent task planning of mobile robots. International Journal of Computer Integrated Manufacturing, 1990, 3, 13-23.	2.9	6
112	Interactive machine acquisition of a fuzzy spatial relation. Computers and Geosciences, 1990, 16, 857-872.	2.0	61
113	The alternativity measures of fuzzy sets. Fuzzy Sets and Systems, 1990, 37, 105-110.	1.6	3
114	A factor spaces approach to knowledge representation. Fuzzy Sets and Systems, 1990, 36, 113-124.	1.6	55
115	Numerical and symbolic approaches to uncertainty management in AI. Artificial Intelligence Review, 1990, 4, 109-146.	9.7	40
116	On the associations between variables in expert systems including default relations. Information Sciences, 1990, 50, 241-274.	4.0	2
117	Linguistic summarization of fuzzy data. Information Sciences, 1990, 52, 141-152.	4.0	16
118	Scalar evaluations of fuzzy sets: overview and applications. Applied Mathematics Letters, 1990, 3, 37-42.	1.5	21
119	FLISP – A language for processing fuzzy data. Fuzzy Sets and Systems, 1990, 37, 23-32.	1.6	16
120	Knowledge engineering for a document retrieval system. Fuzzy Sets and Systems, 1990, 38, 223-240.	1.6	3
121	REPRESENTATION OF CONCEPTS BY FACTOR SPACES. Cybernetics and Systems, 1990, 21, 43-57.	1.6	16
122	A knowledge-based environment for assessment of color similarity. , 0, , .		2
123	On the purported pragmatico-semantic foundation of linguistics and AI through wittgenstein's late philosophy. Journal of Pragmatics, 1990, 14, 853-881.	0.8	4
124	Deductive approximate reasoning systems. IEEE Transactions on Knowledge and Data Engineering, 1991, 3, 399-414.	4.0	21
125	FUZZY LOGIC, FUZZY SETS, AND NATURAL LANGUAGES. International Journal of General Systems, 1991, 20, 83-97.	1.2	21
126	An approach to the linguistic summarization of data. , 1990, , 456-468.		37

#	ARTICLE	IF	CITATIONS
127	On probabilities induced by multi-valued mappings. Fuzzy Sets and Systems, 1991, 42, 301-314.	1.6	3
128	Towards a fuzzy logic programming system: a fuzzy propositional logic. Knowledge-Based Systems, 1991, 4, 52-62.	4.0	2
129	Approximate reasoning by analogy to answer null queries. International Journal of Approximate Reasoning, 1991, 5, 373-398.	1.9	20
130	Modeling of biological and medical systems: a systemic strategy. BioSystems, 1991, 26, 31-43.	0.9	5
131	Concepts, rules, and fuzzy reasoning: a factor space approach. IEEE Transactions on Systems, Man, and Cybernetics, 1991, 21, 194-205.	0.9	21
132	A fuzzy query language for relational databases. IEEE Transactions on Systems, Man, and Cybernetics, 1991, 21, 1576-1579.	0.9	32
133	Measuring and updating information. Information Sciences, 1991, 57-58, 181-195.	4.0	0
134	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1991, 40, 143-202.	1.6	703
135	Naturalized logic and chain sets. Information Sciences, 1991, 57-58, 31-77.	4.0	6
136	A "fuzzy" approach to facilities lay-out planning. International Journal of Production Research, 1991, 29, 835-857.	4.9	59
137	Fuzzy sets based knowledge systems and knowledge elicitation. Behaviour and Information Technology, 1991, 10, 23-40.	2.5	4
138	FUZZY LABELS, IMPRECISION AND CONTEXTUAL DEPENDENCY Comments on Milan Zeleny's "Cognitive Equilibrium: a Knowledge-based Theory of Fuzziness and Fuzzy Sets". International Journal of General Systems, 1991, 19, 383-386.	1.2	0
139	Relative possibility. , 0, , .		2
140	Linguistic hedges and fuzzy logic. , 0, , .		11
141	Possibility theory as a basis for preference propagation in automated reasoning. , 0, , .		33
142	Fuzzy semantics and fuzzy constraint networks. , 0, , .		22
143	Knowledge Representation in Fuzzy Logic. , 1992, , 1-25.		44
144	Applications of the theory of fuzzy sets. Journal of Soviet Mathematics, 1992, 58, 148-194.	0.0	1

#	ARTICLE	IF	CITATIONS
145	Usuality, regularity, and fuzzy set logic. International Journal of Approximate Reasoning, 1992, 6, 481-504.	1.9	9
146	Towards a fuzzy-logic programming system: a 1st-order fuzzy logic. Knowledge-Based Systems, 1992, 5, 106-116.	4.0	2
147	Second order structures in multi-criteria decision making. International Journal of Man-Machine Studies, 1992, 36, 553-570.	0.7	64
148	Upper and lower images of a fuzzy set induced by a fuzzy relation: Applications to fuzzy inference and diagnosis. Information Sciences, 1992, 64, 203-232.	4.0	29
149	Default knowledge and measures of specificity. Information Sciences, 1992, 61, 1-44.	4.0	46
150	Fuzzy sets and applications: Selected papers by L.A. Zadeh. Artificial Intelligence, 1993, 61, 351-358.	3.9	0
151	Metric truth as a basis for fuzzy linguistic reasoning. Fuzzy Sets and Systems, 1993, 57, 1-25.	1.6	16
152	An expert system for prediction of Karst disaster in excavation of tunnels or underground structures through a carbonate rock area. Tunnelling and Underground Space Technology, 1993, 8, 373-378.	3.0	10
153	REL " a logic for relative evidential support. International Journal of Approximate Reasoning, 1993, 8, 205-230.	1.9	3
154	Consistency checking for fuzzy expert systems. International Journal of Approximate Reasoning, 1993, 9, 263-282.	1.9	13
155	Fuzzy logic for phytosociology. Plant Ecology, 1993, 106, 1-11.	1.2	33
156	Fuzzy logic for phytosociology. Plant Ecology, 1993, 106, 13-20.	1.2	23
157	Principles and methodology of fuzzy sets. Journal of Intelligent Manufacturing, 1993, 4, 323-340.	4.4	4
158	Itroduction: The roles of fuzzy logic and management of uncertainty in building intelligent information systems. Journal of Intelligent Information Systems, 1993, 2, 311-317.	2.8	20
159	A cardinality theory for vaguely defined objects-problems of inequalities and applications. Acta Applicandae Mathematicae, 1993, 30, 1-33.	0.5	2
160	Counting the number of classes in a fuzzy set. IEEE Transactions on Systems, Man, and Cybernetics, 1993, 23, 257-264.	0.9	15
161	An approximate reasoning system: Design and implementation. International Journal of Approximate Reasoning, 1993, 9, 315-326.	1.9	2
162	Toward a logic for fuzzy syllogisms. , 0, , .		4

#	ARTICLE	IF	CITATIONS
163	An experimental comparison of systematic placement procedures for facility layout design. International Journal of Production Research, 1993, 31, 1735-1756.	4.9	9
164	A "linguistic pattern"™ approach for multiple criteria facility layout problems. International Journal of Production Research, 1993, 31, 203-222.	4.9	39
165	Fuzzy, probabilistic and evidential reasoning in Fril. , 1993, , .		5
166	FuzzyCAT-towards a mathematical analysis of fuzzy controllers. , 0, , .		0
167	Models of Matching of Fuzzy Sets. Kybernetes, 1993, 22, 41-46.	1.2	2
168	<title>Structures for fuzzy decision systems</title>. , 1993, , .		0
169	MEASURES OF UNCERTAINTY AND INFORMATION BASED ON POSSIBILITY DISTRIBUTIONSâ€œThis work was supported by the National Science Foundation under Grant No. ECS-S006590.. , 1993, , 217-232.		0
170	Representing priorities of defaults in possibility theory. , 0, , .		1
171	A "fuzzy"™ heuristic for the quadratic assignment formulation to the facility layout problem. International Journal of Production Research, 1994, 32, 563-581.	4.9	17
172	Fuzzy controlled brushless DC motor for medical applications. , 0, , .		12
173	Towards a natural language user interface: an approach of fuzzy query. International Journal of Geographical Information Science, 1994, 8, 143-162.	2.2	44
174	Modelling vague lexical time expressions by means of fuzzy set theory*. Journal of Quantitative Linguistics, 1994, 1, 189-194.	0.7	8
175	A framework for combining fuzzy modifiers. , 0, , .		2
176	Patterns of fuzzy rule-based inference. International Journal of Approximate Reasoning, 1994, 11, 235-255.	1.9	22
177	A multiple criteria linguistic decision model (MCLDM) for human decision making. European Journal of Operational Research, 1994, 76, 466-485.	3.5	23
178	A methodology using fuzzy logic to optimize feedforward artificial neural network configurations. IEEE Transactions on Systems, Man, and Cybernetics, 1994, 24, 760-768.	0.9	33
179	A knowledge based system using multiple expert modules for monitoring leprosy-an endemic disease. IEEE Transactions on Systems, Man, and Cybernetics, 1994, 24, 173-186.	0.9	5
180	Fuzzy systems and fuzzy expert control: An overview. Knowledge Engineering Review, 1994, 9, 229-268.	2.1	34

#	ARTICLE	IF	CITATIONS
181	Fril methods for soft computing, fuzzy control and classification. , 0, , .		4
182	Inference Method for Natural Language Propositions Involving Fuzzy Quantifiers. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 809-825.	0.0	11
183	Towards the implementation of a generalized fuzzy relational database model. Fuzzy Sets and Systems, 1995, 75, 273-289.	1.6	63
184	Improved retrieval in a fuzzy database from adjusted user input. Journal of Intelligent Information Systems, 1995, 5, 249-274.	2.8	10
185	Linguistically oriented fuzzy logic control and its design. International Journal of Approximate Reasoning, 1995, 12, 263-277.	1.9	36
186	A resolution-based system for symbolic approximate reasoning. International Journal of Approximate Reasoning, 1995, 13, 201-246.	1.9	11
187	Fuzzy functional dependencies and independencies in extended fuzzy relational database models. Fuzzy Sets and Systems, 1995, 69, 65-89.	1.6	41
188	Inference method for natural language propositions involving fuzzy quantifiers and truth qualifiers. , 0, , .		9
189	APPROXIMATE REASONING AND INTERPRETATION OF LABORATORY TESTS IN MEDICAL DIAGNOSTICS. Cybernetics and Systems, 1995, 26, 713-729.	1.6	12
190	Fuzzy sets as a tool for modeling. Lecture Notes in Computer Science, 1995, , 536-548.	1.0	3
191	Discussion: Probability Theory and Fuzzy Logic Are Complementary Rather Than Competitive. Technometrics, 1995, 37, 271-276.	1.3	206
192	Fuzzy retrieval system employing fuzzy connectives with learning functions and query networks. , 0, , .		0
193	Fuzzy rule automation from data using mass assignment theory. , 0, , .		3
194	Applications of fuzzyâ€based linguistic patterns for the assessment of computer screen design quality. International Journal of Human-Computer Interaction, 1995, 7, 193-212.	3.3	9
195	Prototype theory and compositionality. Cognition, 1995, 57, 129-191.	1.1	481
196	Fuzzy logic = computing with words. IEEE Transactions on Fuzzy Systems, 1996, 4, 103-111.	6.5	2,569
197	Commonsense knowledge representation and reasoning with fuzzy neural networks. , 0, , .		5
198	On the semantics for qualified syllogisms. , 0, , .		0

#	ARTICLE	IF	CITATIONS
199	Constrains on Natural Language Propositions Involving Fuzzy Quantifiers by Truth-Qualification and Inference Method for the Propositions. Journal of Japan Society for Fuzzy Theory and Systems, 1996, 8, 519-531.	0.0	11
200	An application of fuzzy dynamic integrated judgment to cotton allocation. Information Sciences, 1996, 94, 277-290.	4.0	7
201	Truth-qualification and fuzzy relations in natural languages, application to medical diagnosis. Fuzzy Sets and Systems, 1996, 84, 155-167.	1.6	37
202	What are fuzzy rules and how to use them. Fuzzy Sets and Systems, 1996, 84, 169-185.	1.6	368
203	The relation between inference and interpolation in the framework of fuzzy systems. Fuzzy Sets and Systems, 1996, 81, 331-354.	1.6	66
204	A linguistic cellular automata simulation approach for sustainable land development in a fast growing region. Computers, Environment and Urban Systems, 1996, 20, 367-387.	3.3	78
205	Application of fuzzy decision-making in facilities layout planning. International Journal of Production Research, 1996, 34, 3207-3225.	4.9	80
206	Weight structures for approximate reasoning with weighted expressions. , 0, , .		1
207	Quantifiers, modifiers and qualifiers in fuzzy logic. , 0, , .		0
209	Possibility Theory and Soft Data Analysis. Advances in Fuzzy Systems, 1996, , 481-541.	8.7	18
210	A Computational Theory of Dispositions. Advances in Fuzzy Systems, 1996, , 713-737.	8.7	2
211	POSSIBILITY THEORY I: THE MEASURE- AND INTEGRAL-THEORETIC GROUNDWORK. International Journal of General Systems, 1997, 25, 291-323.	1.2	195
212	Fuzzy rule networks and its applications to decision-making under uncertainty. , 0, , .		0
213	An Effect by Qualification of Truth-Qualifiers on Inference Results for Neural Language Propositions Involving Fuzzy Quantifiers. Journal of Japan Society for Fuzzy Theory and Systems, 1997, 9, 419-425.	0.0	0
214	REPRESENTING DEFAULTS IN THE FRAMEWORK OF POSSIBILITY THEORY— . International Journal of General Systems, 1997, 25, 373-387.	1.2	2
215	A Fuzzy analysis of linguistic negation of nuanced property in Knowledge-Based systems. Lecture Notes in Computer Science, 1997, , 451-465.	1.0	5
216	Commonsense knowledge-based face detection. , 0, , .		14
217	Conceptualizing Adjectives. Lecture Notes in Computer Science, 1997, , 267-278.	1.0	1

#	ARTICLE	IF	CITATIONS
218	Fuzzy contextual classification of multisource remote sensing images. IEEE Transactions on Geoscience and Remote Sensing, 1997, 35, 326-340.	2.7	57
219	About the intended meaning of a linguistic negation. Lecture Notes in Computer Science, 1997, , 131-142.	1.0	0
220	On typicality and vagueness. Cognition, 1997, 64, 189-206.	1.1	72
221	Continuous interpolation logic and qualitative modeling of flows. Fuzzy Sets and Systems, 1997, 85, 355-371.	1.6	3
222	Multivalued dependencies in fuzzy relational databases and lossless join decomposition. Fuzzy Sets and Systems, 1997, 88, 315-332.	1.6	18
223	Reasoning with vague default. Fuzzy Sets and Systems, 1997, 91, 327-338.	1.6	17
224	Fuzzy information in extended fuzzy relational databases. Fuzzy Sets and Systems, 1997, 92, 1-20.	1.6	21
225	Dynamic reasoning with qualified syllogisms. Artificial Intelligence, 1997, 93, 103-167.	3.9	39
226	Knowledge acquisition by random sets. International Journal of Intelligent Systems, 1998, 11, 113-147.	3.3	10
227	Empiric considerations on the fuzzy metric-truth approach. Fuzzy Sets and Systems, 1998, 95, 349-367.	1.6	9
228	Axiomatisation of fuzzy multivalued dependencies in a fuzzy relational data model. Fuzzy Sets and Systems, 1998, 96, 343-352.	1.6	17
229	Coping with linguistically denied nuanced properties: a matter of fuzziness and scope. , 0, , .		4
230	Possibility Theory: Qualitative and Quantitative Aspects. , 1998, , 169-226.		137
231	Time, Nonmonotonicity, Qualified Syllogisms, and the Frame Problem. Journal of Intelligent Systems, 1998, 8, .	1.2	0
232	Fuzzy order-sorted logic programming in conceptual graphs with a sound and complete proof procedure. Lecture Notes in Computer Science, 1998, , 270-284.	1.0	4
233	A new approach to linguistic negation of nuanced information in knowledge-based systems. Lecture Notes in Computer Science, 1998, , 363-376.	1.0	3
234	Fuzzy development of crisp activity relationship charts for facilities layout. Computers and Industrial Engineering, 1999, 36, 1-16.	3.4	40
235	Reasoning with vague truth. Fuzzy Sets and Systems, 1999, 105, 385-399.	1.6	14

#	ARTICLE	IF	CITATIONS
236	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1999, 100, 73-132.	1.6	35
237	Fuzzy Evaluation of the Thermal Quality of Buildings. Computer-Aided Civil and Infrastructure Engineering, 1999, 14, 155-162.	6.3	2
238	Editorial: 30th Anniversary Issue. International Journal of Human Computer Studies, 1999, 51, 119-124.	3.7	0
239	CONFLICT RESOLUTION IN THE FUSION OF FUZZY KNOWLEDGE VIA INFORMATION MAXIMIZATION. International Journal of General Systems, 1999, 28, 491-531.	1.2	0
240	From computing with numbers to computing with words. From manipulation of measurements to manipulation of perceptions. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1999, 46, 105-119.	0.1	846
242	The Birth and Evolution of Fuzzy Logic : A Personal Perspective.Parts 1 and 2. Journal of Japan Society for Fuzzy Theory and Systems, 1999, 11, 891-905.	0.0	15
243	THE FUZZY METRIC-TRUTH REASONING APPROACH TO DECISION MAKING IN SOFT COMPUTING MILIEUX. International Journal of General Systems, 1999, 28, 139-172.	1.2	9
244	Extraction of quantified fuzzy rules from numerical data. , 0, , .		6
245	Inference method for fuzzy quantified and truth qualified natural language propositions. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0orgBT /Overlock 10 Tf		
246	Soft modeling for a certain class of intelligent and complex systems. Information Sciences, 2000, 123, 149-159.	4.0	3
247	Some considerations on conventional neuro-fuzzy learning algorithms by gradient descent method. Fuzzy Sets and Systems, 2000, 112, 51-63.	1.6	56
248	A new approach of neuro-fuzzy learning algorithm for tuning fuzzy rules. Fuzzy Sets and Systems, 2000, 112, 99-116.	1.6	54
249	A fuzzy grammar and possibility theory-based natural language user interface for spatial queries. Fuzzy Sets and Systems, 2000, 113, 147-159.	1.6	32
250	A fuzzy decision support system for equipment repair under battle conditions. Fuzzy Sets and Systems, 2000, 115, 141-157.	1.6	20
251	Approximate reasoning and conflict resolution. International Journal of Approximate Reasoning, 2000, 25, 15-42.	1.9	6
252	Fuzzy cardinality based evaluation of quantified sentences. International Journal of Approximate Reasoning, 2000, 23, 23-66.	1.9	148
253	When Vague Sentences Inform: A Model Of Assertability. SynthÃ^se, 2000, 124, 175-191.	0.6	13
254	Knowledge-Driven versus Data-Driven Logics. Journal of Logic, Language and Information, 2000, 9, 65-89.	0.4	101

#	ARTICLE	IF	CITATIONS
255	On the entropy of fuzzy measures. IEEE Transactions on Fuzzy Systems, 2000, 8, 453-461.	6.5	86
256	Fuzzy Sets: History and Basic Notions. The Handbooks of Fuzzy Sets Series, 2000, , 21-124.	0.5	99
257	Veristic variables. IEEE Transactions on Systems, Man, and Cybernetics, 2000, 30, 71-84.	5.5	17
258	Expanding the definitions of linguistic hedges. , 0, , .		7
259	An information-based discussion of vagueness. , 0, , .		7
261	Parsing "grammatically incomplete" natural language queries to spatial databases. , 0, , .		1
262	A FORMALISM FOR REPRESENTING AND REASONING WITH LINGUISTIC INFORMATION. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 281-307.	0.9	5
263	Fuzzy logic fundamentals. , 2002, , 113-122.		10
264	Learning by switching generation and reasoning methods in several knowledge representations towards the simulation of human learning process. , 0, , .		2
265	On the capability of fuzzy set theory to represent concepts. International Journal of General Systems, 2002, 31, 569-585.	1.2	17
266	Functional relations and fuzzy relational equations. , 0, , .		1
267	Quantifier Guided Aggregation of Fuzzy Criteria with Associated Importances. Studies in Fuzziness and Soft Computing, 2002, , 272-287.	0.6	3
268	Possibilistic instance-based learning. Artificial Intelligence, 2003, 148, 335-383.	3.9	31
269	SINGRARâ€“A fuzzy distributed expert system to assist command and control activities in naval environment. European Journal of Operational Research, 2003, 145, 343-362.	3.5	15
270	Fuzzy query interface for a business database. International Journal of Human Computer Studies, 2003, 58, 363-391.	3.7	22
271	Semantic Vagueness and Lexical Polyvalence. Studia Linguistica, 2003, 57, 121-141.	0.1	12
272	Handling Grammatical Errors, Ambiguity and Impreciseness in GIS Natural Language Queries. Transactions in GIS, 2003, 7, 103-121.	1.0	22
273	A Theory of Immediate Awareness. , 2003, , .		6

#	ARTICLE	IF	CITATIONS
274	4-step inference method for natural language propositions involving fuzzy quantifiers and truth-qualifiers. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2003, 15, 230-238.	0.0	4
275	Fuzzy part family formation for cellular manufacturing systems. Production Planning and Control, 2004, 15, 292-302.	5.8	3
276	Comparison of first order predicate logic, fuzzy logic and non-monotonic logic as knowledge representation methodology. Expert Systems With Applications, 2004, 27, 501-519.	4.4	16
277	An extended relational algebra for fuzzy multidatabases. , 2004, , .		1
278	An application of the model building of fuzzy dynamic integrated judgment in the total failure time of censored data. , 2004, , .		2
279	On Understanding Understanding. Perception-Based Processing of NL Texts in SCIP Systems, or Meaning Constitution as Visualized Learning. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2004, 34, 425-438.	3.3	7
280	LEGAL EVIDENCE SCHOLARSHIP MEETS ARTIFICIAL INTELLIGENCE. Applied Artificial Intelligence, 2004, 18, 367-389.	2.0	9
281	Spatio-Temporal Databases. , 2004, , .		9
282	Answers to queries concerning uncertain and imprecise information in fuzzy relational databases. International Journal of Intelligent Systems, 2005, 20, 647-668.	3.3	4
284	AN INFORMATION-BASED DISCUSSION OF VAGUENESS: SIX SCENARIOS LEADING TO VAGUENESS**This chapter is a fully revised and expanded version of a conference paper with the same title, presented at the 10th IEEE International Conference on Fuzzy Systems, Melbourne, Australia, December 2â€“5, 2001.. , 2005.. 891-909.		12
287	Fuzzy Methodology for Enhancement of Context Semantic Understanding. , 0, , .		1
288	Semantic Context Classification by Means of Fuzzy Set Theory. , 0, , .		4
289	A Generalized Inference Method for Natural Language Propositions Involving Fuzzy Quantifiers and Truth Qualifiers. , 0, , .		5
290	Fuzzy Estimator of the Total Failure Time of Censored Data. , 0, , .		1
291	Study of Information Retrieval Using Fuzzy Queries. , 0, , .		1
292	The optimal Fuzzy Weight Set for Building a Model of Fuzzy Integrated Judgment. , 2006, , .		0
293	A Methodology for Extracting and Representing Actions in Texts. , 2006, , .		0
294	From Computing with Numbers to Computing with Words. Annals of the New York Academy of Sciences, 2001, 929, 221-252.	1.8	28

#	ARTICLE	IF	CITATIONS
295	Biological taxonomic problem solving using fuzzy decision-making analytical tools. Fuzzy Sets and Systems, 2006, 157, 1687-1703.	1.6	2
296	Extending the UML concepts to transform natural language queries with fuzzy semantics into SQL. Information and Software Technology, 2006, 48, 901-914.	3.0	5
297	Linguistic quantifiers modeled by Sugeno integrals. Artificial Intelligence, 2006, 170, 581-606.	3.9	42
298	Rule-based Inference Method for Fuzzy-Quantified and Truth-Qualified Natural Language Propositions. , 2006, , .		1
299	Rough set-based neuro-fuzzy system. , 2006, , .		10
300	Syntax-driven Analysis of Context-free Languages with Respect to Fuzzy Relational Semantics. , 2006, , .		1
301	Inference results for fuzzy quantified natural language propositions qualified by false. , 2007, , .		0
302	A Methodology for Statistical Matching with Fuzzy Logic. , 2007, , .		0
303	A hybrid object based model combining probability and fuzzy set theories. International Journal of Intelligent Information and Database Systems, 2007, 1, 386.	0.3	1
304	Computing with Words Using Fuzzy Logic: Possibilities for Application in Automatic Text Summarization. , 2007, , 151-160.		0
305	Semantic Understanding of General Linguistic Items by Means of Fuzzy Set Theory. IEEE Transactions on Fuzzy Systems, 2007, 15, 757-771.	6.5	8
306	Toward multiple-agent extensions of possibilistic logic. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
307	Adjusting the Core and/or the Support of a Fuzzy Set - A New Approach to Fuzzy Modifiers. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	3
308	Direct Voice Control Speech Data Entry and Database Query Models. , 2007, , .		3
309	Fuzzy-Set Based Logics "an History-Oriented Presentation of their Main Developments. Handbook of the History of Logic, 2007, 8, 325-449.	0.5	46
310	Uncertainty measures for interval type-2 fuzzy sets. Information Sciences, 2007, 177, 5378-5393.	4.0	318
311	Concept-based search and questionnaire systems. Soft Computing, 2007, 12, 301-314.	2.1	3
312	Modeling positive and negative information in possibility theory. International Journal of Intelligent Systems, 2008, 23, 1094-1118.	3.3	44

#	ARTICLE	IF	CITATIONS
313	Enriching the class diagram concepts to capture natural language semantics for database access. Data and Knowledge Engineering, 2008, 67, 1-29.	2.1	6
314	Is there a need for fuzzy logic?. Information Sciences, 2008, 178, 2751-2779.	4.0	1,000
315	Linguistic quantifiers based on Choquet integrals. International Journal of Approximate Reasoning, 2008, 48, 559-582.	1.9	14
316	Measuring the leanness of manufacturing systemsâ€”A case study of Ford Motor Company and General Motors. Journal of Engineering and Technology Management - JET-M, 2008, 25, 287-304.	1.4	196
317	A Set-Theoretic View of Belief Functions. , 2008, , 375-410.		25
318	Language Technology â€” Chomsky Grammars and/or Fuzzy Sets?. , 2008, , .		1
319	Is there a need for fuzzy logic?. , 2008, , .		45
320	Ambiguity in text mining. , 2008, , .		7
321	An inference method for fuzzy quantified natural language propositions based on new interpretation of truth qualification. , 2008, , .		0
322	Domain Representation Using Possibility Theory: An Exploratory Study. IEEE Transactions on Fuzzy Systems, 2008, 16, 1531-1541.	6.5	1
323	Anticipation and risk â€” From the inverse problem to reverse computation. Risk and Decision Analysis, 2009, 1, 113-139.	0.4	5
324	An overview of the asymmetric bipolar representation of positive and negative information in possibility theory. Fuzzy Sets and Systems, 2009, 160, 1355-1366.	1.6	108
325	A survey on sentiment detection of reviews. Expert Systems With Applications, 2009, 36, 10760-10773.	4.4	376
326	A Note on the Inverse Fuzzy Integrated Judgment. , 2009, , .		1
327	Improved method for linguistic expression of time series with global trend and local features. , 2009, , .		5
328	FUGEN: a tool for the design of layouts for cellular manufacturing systems. International Journal of Services and Operations Management, 2009, 5, 595.	0.1	16
329	Fuzzy multiple criteria base realignment and closure (BRAC) benchmarking system at the Department of Defense. Benchmarking, 2009, 16, 192-221.	2.9	9
331	A fuzzy logic based approach for deterioration diagnosis in timber bridges. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
332	Phytoplankton assemblages, environmental influences and trophic status using canonical correspondence analysis, fuzzy relations, and linguistic translation. <i>Ecological Informatics</i> , 2010, 5, 79-88.	2.3	13
333	A generalized four-step inference method for fuzzy quantified and truth-qualified natural language propositions. , 2010, , .		1
334	Computing With Words Is an Implementable Paradigm: Fuzzy Queries, Linguistic Data Summaries, and Natural-Language Generation. <i>IEEE Transactions on Fuzzy Systems</i> , 2010, 18, 461-472.	6.5	171
335	Knowledge presentation according to the linkage intensity. , 2010, , .		0
336	Modelling of FMS control policy: AIS-based fuzzy expert system. <i>International Journal of Industrial and Systems Engineering</i> , 2011, 8, 38.	0.1	8
337	Reflections on some important contributions made by Lotfi A. Zadeh that have impacted my own research. <i>Scientia Iranica</i> , 2011, 18, 549-553.	0.3	2
338	Rules and meta-rules in the framework of possibility theory and possibilistic logic. <i>Scientia Iranica</i> , 2011, 18, 566-573.	0.3	14
339	A multi-criteria customer allocation problem in supply chain environment: An artificial immune system with fuzzy logic controller based approach. <i>Expert Systems With Applications</i> , 2011, 38, 3199-3208.	4.4	24
340	Uncertainty measures for general Type-2 fuzzy sets. <i>Information Sciences</i> , 2011, 181, 503-518.	4.0	143
341	Occupational risk assessment in construction industry – Overview and reflection. <i>Safety Science</i> , 2011, 49, 616-624.	2.6	283
342	Extended Linguistic Variable Based on the Modified Words. <i>Applied Mechanics and Materials</i> , 2011, 148-149, 62-66.	0.2	0
343	Generalized Possibilistic Logic. <i>Lecture Notes in Computer Science</i> , 2011, , 428-432.	1.0	11
344	On some fuzzy relations for color information. , 2011, , .		0
345	Towards a question answering system based on precisiated natural language. , 2011, , .		1
346	Warren Weaver’s “Science and complexity” Revisited. <i>Studies in Fuzziness and Soft Computing</i> , 2012, , 55-87.	0.6	5
347	Dual Hesitant Fuzzy Sets. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-13.	0.4	357
348	A critical survey on the use of Fuzzy Sets in Speech and Natural Language Processing. , 2012, , .		17
349	Fuzzy query processing method based on computing with Words methodology. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
350	The Semantics and Pragmatics of Medical Knowledge. Philosophy and Medicine, 2012, , 459-530.	0.3	0
351	Logic in Medicine. Philosophy and Medicine, 2012, , 587-673.	0.3	0
352	Maintenance policy selection in manufacturing firms using the fuzzy MCDM approach. International Journal of Production Research, 2012, 50, 7044-7056.	4.9	57
353	“How Many Unemployed Are There?” — When fuzzy logic met linguistics and semantics. , 2012, , .		0
354	Gradualness, uncertainty and bipolarity: Making sense of fuzzy sets. Fuzzy Sets and Systems, 2012, 192, 3-24.	1.6	261
355	An integrated stochastic-fuzzy modeling approach for supply chain leanness evaluation. International Journal of Advanced Manufacturing Technology, 2013, 68, 1677-1696.	1.5	40
356	Complexity Perspectives on Language, Communication and Society. Understanding Complex Systems, 2013, , .	0.3	15
357	The Membership Function and Its Measurement. Studies in Fuzziness and Soft Computing, 2013, , 47-50.	0.6	0
358	Formalization of Generalized Constraint Language: A Crucial Prelude to Computing With Words. IEEE Transactions on Cybernetics, 2013, 43, 246-258.	6.2	3
359	Intuitionistic fuzzy Choquet integrals and their application in modeling linguistic quantifiers. , 2013, , .		1
360	Fuzzy Set-Based Approximate Reasoning and Mathematical Fuzzy Logic. Studies in Fuzziness and Soft Computing, 2013, , 153-163.	0.6	1
361	Priority-based scheduling in flexible system using AIS with FLC approach. International Journal of Production Research, 2013, 51, 4880-4895.	4.9	5
362	AplicaÃ§Ã£o preliminar do mÃ©todo QRAM para avaliaÃ§Ã£o de riscos para seguranÃ§a ocupacional na construÃ§Ã£o civil. Production, 2013, 23, 375-386.	1.3	0
363	Multi-resolution and multi-spectral analysis for satellite images classification with fuzzy spatial relationships. , 2014, , .		0
364	Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 43-114.	0.1	1
365	Implementation of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 153-182.	0.1	0
366	Application of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 117-150.	0.1	0
368	Evaluation and Conclusion of Fuzzy Data Warehouse. Fuzzy Management Methods, 2014, , 185-193.	0.1	0

#	ARTICLE	IF	CITATIONS
369	Fuzzy quantification: a state of the art. <i>Fuzzy Sets and Systems</i> , 2014, 242, 1-30.	1.6	96
370	Probability, fuzziness and borderline cases. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 1164-1184.	1.9	12
371	Statistical reasoning with set-valued information: Ontic vs. epistemic views. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 1502-1518.	1.9	140
373	Linguistic Summarization of Europe Brent Spot Price Time Series Along with the Interpretations from the Perspective of Turkey. <i>International Journal of Intelligent Systems</i> , 2014, 29, 946-970.	3.3	14
374	A Fuzzy Computing Model for Identifying Polarity of Chinese Sentiment Words. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-13.	1.1	14
375	Fuzzy logic – a personal perspective. <i>Fuzzy Sets and Systems</i> , 2015, 281, 4-20.	1.6	237
376	Dual hesitant fuzzy interaction operators and their application to group decision making. <i>Journal of Industrial and Production Engineering</i> , 2015, 32, 273-290.	2.1	10
377	Inconsistency Management from the Standpoint of Possibilistic Logic. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2015, 23, 15-30.	0.9	8
378	Fuzzy Classification of Online Customers. <i>Fuzzy Management Methods</i> , 2015, , .	0.1	32
379	Inference methods for systems with many fuzzy inputs. <i>Journal of Computer and Systems Sciences International</i> , 2015, 54, 375-383.	0.2	5
380	The legacy of 50 years of fuzzy sets: A discussion. <i>Fuzzy Sets and Systems</i> , 2015, 281, 21-31.	1.6	40
381	Fuzzy Classification for Shoreline Change Monitoring in a Part of the Northern Coastal Area of Java, Indonesia. <i>Remote Sensing</i> , 2016, 8, 190.	1.8	40
382	Fuzzy approximate reasoning: Logic, intuition or comparison?. , 2016, , .		3
383	The Emergence of Fuzzy Sets: A Historical Perspective. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 3-19.	0.6	2
384	Screening Evaluation of EOR Methods Based on Fuzzy Logic and Bayesian Inference Mechanisms. , 2016, , .		1
385	Practical Methods for Constructing Possibility Distributions. <i>International Journal of Intelligent Systems</i> , 2016, 31, 215-239.	3.3	48
387	An interval type-2 fuzzy logic based framework for reputation management in Peer-to-Peer e-commerce. <i>Information Sciences</i> , 2016, 333, 88-107.	4.0	30
388	On the relation between fuzzy and generalized quantifiers. <i>Fuzzy Sets and Systems</i> , 2016, 294, 125-135.	1.6	6

#	ARTICLE	IF	CITATIONS
389	Fuzzy-based linguistic patterns as a tool for the flexible assessment of a priority vector obtained by pairwise comparisons. <i>Fuzzy Sets and Systems</i> , 2016, 296, 1-20.	1.6	9
390	Undead argument: the truth-functionality objection to fuzzy theories of vagueness. <i>Synth�se</i> , 2017, 194, 3761-3787.	0.6	5
391	Fuzzy functional dependencies: A comparative survey. <i>Fuzzy Sets and Systems</i> , 2017, 317, 88-120.	1.6	10
392	Dual hesitant fuzzy VIKOR method for multi-criteria group decision making based on fuzzy measure and new comparison method. <i>Information Sciences</i> , 2017, 388-389, 1-16.	4.0	123
393	Graded cubes of opposition and possibility theory with fuzzy events. <i>International Journal of Approximate Reasoning</i> , 2017, 84, 168-185.	1.9	25
394	A novel version of simulated annealing based on linguistic patterns for solving facility layout problems. <i>Knowledge-Based Systems</i> , 2017, 124, 55-69.	4.0	28
395	The Strength of Desires: A Logical Approach. <i>Minds and Machines</i> , 2017, 27, 199-231.	2.7	16
396	Generalized possibilistic logic: Foundations and applications to qualitative reasoning about uncertainty. <i>Artificial Intelligence</i> , 2017, 252, 139-174.	3.9	32
397	OWA aggregation of multi-criteria with mixed uncertain satisfactions. <i>Information Sciences</i> , 2017, 417, 88-95.	4.0	36
398	Adaptive Clustering Based Inclusion and Computational Intelligence for a Fed-Batch Fermentation Process Control. , 2017, , .		2
399	Generating human-like discussion by paraphrasing a translation by the AIWolf protocol using werewolf BBS logs. , 2017, , .		0
400	On the relation between possibilistic logic and modal logics of belief and knowledge. <i>Journal of Applied Non-Classical Logics</i> , 2017, 27, 206-224.	0.4	7
401	Comparing Fuzzy Sets and Random Sets to Model the Uncertainty of Fuzzy Shorelines. <i>Remote Sensing</i> , 2017, 9, 885.	1.8	3
402	An Information-Based Discussion of Borderline Cases in Categorization. , 2017, , 1029-1051.		1
403	A Behavioral and Biological Analysis of Aesthetics: Implications for Research and Applications. <i>Psychological Record</i> , 2018, 68, 287-321.	0.6	27
404	Level-based fuzzy generalized quantification. <i>Fuzzy Sets and Systems</i> , 2018, 345, 24-40.	1.6	5
405	Redefinition of the concept of fuzzy set based on vague partition from the perspective of axiomatization. <i>Soft Computing</i> , 2018, 22, 1777-1789.	2.1	8
406	What a Fuzzy Set Is and What It Is not?. <i>Studies in Computational Intelligence</i> , 2018, , 1-20.	0.7	0

#	ARTICLE	IF	CITATIONS
407	A Fresh Look at Z -numbers Relationships with Belief Functions and p -boxes. Fuzzy Information and Engineering, 2018, 10, 5-18.	1.0	12
408	Hazmat risk area assessment by atmospheric dispersion modelling using Latin hypercube sampling with weather ensemble. Meteorological Applications, 2018, 25, 575-585.	0.9	6
409	Defining personalized concepts for XBRL using iPad-drawn fuzzy sets. Intelligent Systems in Accounting, Finance and Management, 2018, 25, 73-85.	2.8	1
410	Methods of Inference for Logical-Type Systems Based on the Fuzzy Degree of Truth. Journal of Computer and Systems Sciences International, 2018, 57, 463-470.	0.2	4
411	Z -numbers as Generalized Probability Boxes. Advances in Intelligent Systems and Computing, 2019, , 68-77.	0.5	0
412	Derive knowledge of Z -number from the perspective of Dempster-Shafer evidence theory. Engineering Applications of Artificial Intelligence, 2019, 85, 754-764.	4.3	74
413	Proposal and Analysis of Driver Support System to Verify Driver's Overconfidence and Dependence Bias. , 2019, , .		0
414	Towards Human-Centric Aggregation via Ordered Weighted Aggregation Operators and Linguistic Data Summaries: A New Perspective on Zadeh's Inspirations. IEEE Computational Intelligence Magazine, 2019, 14, 16-30.	3.4	63
415	Drawing on the iPad to input fuzzy sets with an application to linguistic data science. Information Sciences, 2019, 479, 277-291.	4.0	21
416	Computing With Words based Semantic Similarity Measure for Adjective Phrases. , 2019, , .		2
417	Modeling aesthetic preferences: Color coordination and fuzzy sets. Fuzzy Sets and Systems, 2020, 395, 217-234.	1.6	14
418	Color comparison in fuzzy color spaces. Fuzzy Sets and Systems, 2020, 390, 160-182.	1.6	6
419	Ambiguous requirements: A semi-automated approach to identify and clarify ambiguity in large-scale projects. Computers and Industrial Engineering, 2020, 149, 106828.	3.4	2
420	Flexible Query Systems for Relational Databases. Lecture Notes in Networks and Systems, 2021, , 1015-1029.	0.5	0
421	The Man Who Changed the Scientific World: To the Centenary of the Birth of Lotfi Zadeh. Advances in Intelligent Systems and Computing, 2021, , 148-164.	0.5	0
423	Dealing with Data Veracity in Multiple Criteria Handling: An LSP-Based Sibling Approach. Lecture Notes in Computer Science, 2021, , 82-96.	1.0	1
424	Fuzzy Logic Approach in the Social Sciences. , 2021, , 1-6.		0
425	Practical aspects of equivalence of Baldwin's and Zadeh's fuzzy inference. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4617-4636.	0.8	0

#	ARTICLE	IF	CITATIONS
426	A decision model for selecting best reliable relay queue for cooperative relaying in cooperative cognitive radio networks: the extent analysis based fuzzy AHP solution. <i>Wireless Networks</i> , 2021, 27, 2909-2930.	2.0	13
427	Application of Fuzzy Logic to Evaluate the Economic Impact of COVID-19: Case Study of a Project-Oriented Travel Agency. <i>Sustainability</i> , 2021, 13, 9602.	1.6	3
429	From Computing with Numbers to Computing with Words " from Manipulation of Measurements to Manipulation of Perceptions. , 1999, , 507-544.		289
430	From Computing with Numbers to Computing with Words"From Manipulation of Measurements to Manipulation of Perceptions. <i>Lecture Notes in Computer Science</i> , 2000, , 3-40.	1.0	16
431	Flexible Query Languages for Relational Databases: An Overview. <i>Studies in Fuzziness and Soft Computing</i> , 2006, , 3-53.	0.6	12
432	Ordering-based representations of rational inference. <i>Lecture Notes in Computer Science</i> , 1996, , 176-191.	1.0	2
433	On linguistic approximation with genetic programming. <i>Lecture Notes in Computer Science</i> , 1998, , 200-209.	1.0	4
435	Software Representation of Fuzzy Sets and Logic. , 1994, , 51-68.		2
436	The Foundations of Rule-Based Computations in Fuzzy Models. <i>International Series in Intelligent Technologies</i> , 1996, , 231-263.	0.1	8
438	From Computing With Numbers to Computing With Words - From Manipulation of Measurements to Manipulation of Perceptions. , 2001, , 1-25.		50
439	Expert Systems Using Fuzzy Logic. , 1992, , 27-44.		19
440	Fuzzy rules in knowledge-based systems. , 1992, , 45-68.		33
441	Fuzzy Sets in Natural Language Processing. , 1992, , 185-200.		11
442	Fuzzy Sets and Possibility Theory in Approximate and Plausible Reasoning. <i>The Handbooks of Fuzzy Sets Series</i> , 1999, , 15-190.	0.5	53
443	Fuzzy Time Indications in Natural Languages Interfaces. , 1997, , 163-185.		3
444	Title is missing!. , 1988, , .		3
445	GPU-Accelerated Learning of Neuro-Fuzzy System Based on Fuzzy Truth Value. <i>Communications in Computer and Information Science</i> , 2019, , 152-167.	0.4	1
446	A Logic for Qualified Syllogisms. <i>Studies in Fuzziness and Soft Computing</i> , 2014, , 33-46.	0.6	1

#	ARTICLE	IF	CITATIONS
447	Concept-Based Search and Questionnaire Systems. , 2007, , 193-215.		3
448	Uncertainty in Computational Perception and~Cognition. , 2007, , 251-266.		9
449	Vagueness and Roughness. Lecture Notes in Computer Science, 2008, , 1-13.	1.0	9
450	Possibilistic Evidence. Lecture Notes in Computer Science, 2011, , 713-724.	1.0	13
451	Statistical Reasoning with Set-Valued Information: Ontic vs. Epistemic Views. Studies in Fuzziness and Soft Computing, 2013, , 119-136.	0.6	5
452	The Fuzzy Complexity of Language. Understanding Complex Systems, 2013, , 175-196.	0.3	13
453	Fuzzy Set Theory and Modelling of Natural Language Semantics. Lecture Notes in Economics and Mathematical Systems, 1991, , 2-14.	0.3	1
454	Decision Evaluation Methods Under Uncertainty and Imprecision. Lecture Notes in Economics and Mathematical Systems, 1988, , 48-65.	0.3	13
455	A Linguistic Rule-Based Expert System For Mental Workload. , 1985, , 865-875.		5
456	A Quantitative Approach to Approximate Reasoning in Rule-based Expert Systems. , 1988, , 199-256.		5
457	Continuous WOWA Operators with Application to Defuzzification. Studies in Fuzziness and Soft Computing, 2002, , 159-176.	0.6	25
458	From Computing with Numbers to Computing with Words: From Manipulation of Measurements to Manipulation of Perceptions. Studies in Fuzziness and Soft Computing, 2002, , 81-117.	0.6	29
459	From Computing with Numbers to Computing with Words " From Manipulation of Measurements to Manipulation of Perceptions. , 2000, , 3-37.		7
460	Fuzzy Conceptual Graphs: A Language for Computational Intelligence Approaching Human Expression and Reasoning. , 2000, , 114-120.		5
461	Fuzzy Prototypes for Fuzzy Data Mining. Studies in Fuzziness and Soft Computing, 2000, , 275-286.	0.6	6
462	Fuzzy Logic = Computing with Words. Studies in Fuzziness and Soft Computing, 1999, , 3-23.	0.6	71
463	A Proposal of a Fuzzy Connective with Learning Function and Query Networks for Fuzzy Retrieval Systems. , 1995, , 345-364.		11
464	A Fuzzy Query Language for Relational Databases. , 1995, , 365-384.		25

#	ARTICLE	IF	CITATIONS
465	A Logic for Qualified Syllogisms. , 2010, , 45-50.		2
466	Fuzzy Relation Equations : Methodology and Applications. , 1986, , 213-229.		4
467	Outline of a Theory of Usuality Based on Fuzzy Logic. , 1986, , 79-97.		18
468	A Theory of Commonsense Knowledge. , 1984, , 257-295.		61
469	Precisiation of Meaning via Translation into PRUF. , 1984, , 373-401.		17
470	The Semantics of Fuzzy α -Self α Then α -Rules. , 1992, , 3-16.		6
471	A Glance at Non-Standard Models and Logics of Uncertainty and Vagueness. , 1993, , 169-222.		6
473	Dealing with the Vagueness of Natural Languages in Man-Machine Communication. Advances in Human Factors/Ergonomics, 1986, 6, 71-85.	0.1	9
474	Knowledge Structures and Evidential Reasoning in Decision Analysis. Machine Intelligence and Pattern Recognition, 1986, 4, 303-316.	0.2	2
475	Stochastic Sensitivity Analysis Using Fuzzy Influence Diagrams. Machine Intelligence and Pattern Recognition, 1990, 9, 79-92.	0.2	13
476	ON IMPLICATION AND INDISTINGUISHABILITY IN THE SETTING OF FUZZY LOGIC**la fond remembrance of Xarier Domingo.. , 1993, , 97-104.		29
477	A Linguistic Approach to Decisionmaking with Fuzzy Sets. , 1993, , 777-784.		2
478	INTELLIGENT QUERIES BASED ON FUZZY SET THEORY AND SQL. , 2007, , 1426-1432.		8
479	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.	1.2	3
480	Handling Human-Centered Systems Uncertainty Using Fuzzy Logics - A Review~!2010-04-16~!2010-06-30~!2010-08-07~!. The Ergonomics Open Journal, 2010, 3, 38-48.	1.8	11
481	Discussion: Probability Theory and Fuzzy Logic Are Complementary Rather Than Competitive. , 0, .		62
482	Risk Analysis Techniques in Construction Engineering Projects. Journal of Risk Analysis and Crisis Response (JRACR), 2012, 2, 115.	0.1	6
483	Maximizing the Information Obtained from Data Fusion. Studies in Fuzziness and Soft Computing, 2000, , 89-106.	0.6	1

#	ARTICLE	IF	CITATIONS
484	The If-Then Logic of Natural Languages and Naturally Correct Inferences. , 2000, , 1-25.		0
485	Application of Soft Computing to Human Interface. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 311-314.	0.1	0
486	Generalized Quantifiers and Conceptual Graphs. Lecture Notes in Computer Science, 2001, , 87-100.	1.0	0
487	Possibility-Probability Relation in Medical Models. Lecture Notes in Computer Science, 2003, , 1-8.	1.0	0
488	A Simple Model for Learning from Unspecific Reinforcement. , 2003, , 265-280.		0
489	Semiotic Cognitive Information Processing: Learning to Understand Discourse. A Systemic Model of Meaning Constitution. , 2003, , 347-403.		13
491	An Error Tolerant Parser for Natural Language Queries in GISs. , 2004, , 159-179.		0
492	Emerging Combined Soft Computing Technologies. Studies in Fuzziness and Soft Computing, 2004, , 159-218.	0.6	0
493	Inference Results for Fuzzy Quantified Natural Language Propositions Qualified by False and Symmetry between the Results. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2006, 18, 787-798.	0.0	0
494	An Inference Method for Fuzzy Quantified Natural Language Propositions Based on New Interpretation of Truth Qualification. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2007, 11, 71-78.	0.5	1
495	SimBa: A Fuzzy Similarity-Based Modelling Framework for Large-Scale Cerebral Networks. Lecture Notes in Computer Science, 2007, , 29-38.	1.0	0
496	A Generalized Inference Method for Fuzzy Quantified and Truth-Qualified Natural Language Propositions. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2007, 11, 502-510.	0.5	1
498	Elements of Geographical Information Systems. , 2009, , 481-560.		0
500	Fuzzy Subset Dependencies. International Journal of Computer Applications, 2010, 8, 29-36.	0.2	1
501	Fusing Conceptual Graphs and Fuzzy Logic: Towards the Structure and Expressiveness of Natural Language. Lecture Notes in Computer Science, 2011, , 31-32.	1.0	0
504	Concepts and Fuzzy Logic. Kybernetes, 2012, 41, 819-822.	1.2	0
505	Extended Linguistic Variable and Its Effective Set. Journal of Computers, 2013, 8, .	0.4	0
507	A computational theory of dispositions. , 1984, , .		19

#	ARTICLE	IF	CITATIONS
509	Cognitive Operations and Structures. , 1987, , 178-197.		0
511	Some Issues in Approximate and Plausible Reasoning in the Framework of a Possibility Theory-Based Approach. , 1987, , 263-287.		2
512	A Computational Theory of Dispositions. , 1988, , 215-241.		1
513	Title is missing!. , 1988, , .		0
514	Fuzzy Computers and Software. , 1989, , 269-298.		0
515	A Fuzzy Set Based Environment for Design Optimization. , 1989, , 286-295.		0
516	Fuzzy Set Theory as a Theory of Vagueness. , 1990, , 28-42.		0
517	On the Logical Basis of Approximate Reasoning. , 1992, , 17-27.		4
518	Developing an environment for computer-based automotive suspension and steering systems. , 1993, , 150-167.		2
519	ErgÄnzende Literatur. , 1993, , 233-247.		0
521	Modelling with Fuzzy Sets in Fuzzy Control. Informatik Aktuell, 1993, , 3-34.	0.4	0
522	FREEDOM-0: A FUZZY DATABASE SYSTEM. , 1993, , 667-675.		21
523	Approximate Reasoning. , 1993, , 409-416.		1
524	Possibility Theory and Soft Data Analysis. , 1993, , 478-508.		0
525	RECONCILIATION OF THE YES-NO VERSUS GRADE OF MEMBERSHIP DUALISM IN HUMAN THINKING. , 1993, , 854-860.		1
526	Inference with Possibilistic Evidence. , 1993, , 506-514.		3
527	WEIGHTED FUZZY PATTERN MATCHING**This work is supported by the "Programme de Recherche Concerté: Intelligence Artificielle" (PRC-IA), sponsored by MRT and CNRS, France.. , 1993, , 676-685.		1
529	Recent Development in Fuzzy Database Systems and Applications. , 1995, , 367-376.		1

#	ARTICLE	IF	CITATIONS
530	Fuzzy Sets in Approximate Reasoning: a Personal View. , 1996, , 3-35.		16
531	Towards a qualitative Representation of Linguistic Negation of Nuanced Properties. Lecture Notes in Computer Science, 1997, , 393-404.	1.0	0
532	An intelligent system dealing with negative information. Lecture Notes in Computer Science, 1997, , 467-476.	1.0	6
533	Foundations of neural networks, fuzzy systems, and knowledge engineering. Choice Reviews, 1997, 35, 35-0330-35-0330.	0.4	188
534	Fuzzy Computation in Practice. , 1998, , .		0
536	Defuzzification. , 1998, , .		0
537	A New Approach to Linguistic Negation based upon Compatibility Level and Tolerance Threshold. Lecture Notes in Computer Science, 1998, , 416-423.	1.0	3
538	An Extension of a Linguistic Negation Model allowing us to Deny Nuanced Property Combinations. Lecture Notes in Computer Science, 1999, , 316-327.	1.0	3
541	Fuzzy Modifiers at the Core of Interpretable Fuzzy Systems. Studies in Fuzziness and Soft Computing, 2015, , 51-63.	0.6	2
544	Implementazione della Fuzzy Logic per la gestione ottimale del portafoglio: la modellizzazione dell'â€™avversione al rischio di un investitore attraverso tecniche di softcomputing. Risk Management Magazine, 2016, 3, 41-50.	0.2	0
545	Simulated Annealing Based on Linguistic Patterns: Experimental Examination of Properties for Various Types of Logistic Problems. Advances in Intelligent Systems and Computing, 2018, , 336-345.	0.5	2
546	Fuzzy Approach to Elicitation of Preferences for Health States. Springer Proceedings in Mathematics and Statistics, 2018, , 441-450.	0.1	0
547	Neuro-Fuzzy System Based on Fuzzy Truth Value. Communications in Computer and Information Science, 2018, , 91-101.	0.4	1
548	Introduction to Fuzzy Theory Without Equations from Aspects of Information Processing. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2018, 30, 78-86.	0.0	0
549	Inference Methods for One Class of Systems with Many Fuzzy Inputs. Communications in Computer and Information Science, 2019, , 245-255.	0.4	0
551	â€œComputing with Wordsâ€•Based Concept Retrieval. Smart Innovation, Systems and Technologies, 2020, , 513-520.	0.5	0
552	Fuzzy Programming: Why and How? â€” Some Hints and Examples. , 1983, , 237-251.		5
553	Why Not Fuzzy Logic?. , 2020, , 29-40.		1

#	ARTICLE	IF	CITATIONS
554	Personal Pronouns: Variation and Ambiguity. Zeitschrift Fur Anglistik Und Amerikanistik, 2021, 69, 237-265.	0.0	0
557	Concept-Based Questionnaire System. , 2007, , 161-170.		0
559	Modelling and Computing with Imprecise and Uncertain Properties in Object Bases. , 2008, , 141-159.		0
560	Membership Functions. Studies in Fuzziness and Soft Computing, 2021, , 5-20.	0.6	2
562	Online Analytical Processing Operations via Neutrosophic Systems. , 2020, , 87-109.		0
563	Generalized Constraint Representation of Adjectives in PNL. Lecture Notes in Networks and Systems, 2022, , 827-835.	0.5	1
564	Adjective Phrases in PNL and its Application to Reverse Dictionary. IEEE Access, 2022, 10, 28385-28396.	2.6	2
565	Linguistic patterns as a framework for an expert knowledge representation in agent movement simulation. Knowledge-Based Systems, 2022, 243, 108497.	4.0	1
566	Klein Groups in Fuzzy Inference. , 1984, , .		2
567	A Fuzzy Robot Control System. , 1983, , .		0
568	An Introduction to Theory of Graded Consequence. , 2022, , 1289-1328.		0
569	Harmonization and Systematization of Categorical Propositions by Fuzzy Quantification. Lecture Notes in Networks and Systems, 2022, , 245-253.	0.5	0
570	Testing Joint Sufficiency Twice: Explanatory Qualitative Comparative Analysis. , 2023, , 153-186.		0
571	Uncertain project network analysis with fuzzy "PERT and Interval Type"2 fuzzy activity durations. Heliyon, 2023, 9, e14833.	1.4	0
576	Fuzzy Logic Approach in the Social Sciences. , 2023, , 2629-2634.		0