

Henri Prade

List of Publications by Year in descending order

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320
papers

21,801
citations

13854

67
h-index

13365

130
g-index

351
all docs

351
docs citations

351
times ranked

5954
citing authors

#	ARTICLE	IF	CITATIONS
1	Operations on fuzzy numbers. International Journal of Systems Science, 1978, 9, 613-626.	3.7	2,109
2	Possibility Theory. , 1988, , .		1,869
3	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1991, 40, 143-202.	1.6	703
4	The mean value of a fuzzy number. Fuzzy Sets and Systems, 1987, 24, 279-300.	1.6	645
5	Representation and combination of uncertainty with belief functions and possibility measures. Computational Intelligence, 1988, 4, 244-264.	2.1	581
6	Towards fuzzy differential calculus part 3: Differentiation. Fuzzy Sets and Systems, 1982, 8, 225-233.	1.6	477
7	Probability-Possibility Transformations, Triangular Fuzzy Sets, and Probabilistic Inequalities. Reliable Computing, 2004, 10, 273-297.	0.8	440
8	The three semantics of fuzzy sets. Fuzzy Sets and Systems, 1997, 90, 141-150.	1.6	435
9	What are fuzzy rules and how to use them. Fuzzy Sets and Systems, 1996, 84, 169-185.	1.6	368
10	Fuzzy real algebra: Some results. Fuzzy Sets and Systems, 1979, 2, 327-348.	1.6	352
11	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
12	Possibility Theory, Probability Theory and Multiple-Valued Logics: A Clarification. Annals of Mathematics and Artificial Intelligence, 2001, 32, 35-66.	0.9	317
13	A CLASS OF FUZZY MEASURES BASED ON TRIANGULAR NORMS A general framework for the combination of uncertain information. International Journal of General Systems, 1982, 8, 43-61.	1.2	294
14	Weighted fuzzy pattern matching. Fuzzy Sets and Systems, 1988, 28, 313-331.	1.6	291
15	Terminological difficulties in fuzzy set theory. The case of Intuitionistic Fuzzy Sets. Fuzzy Sets and Systems, 2005, 156, 485-491.	1.6	282
16	Systems of linear fuzzy constraints. Fuzzy Sets and Systems, 1980, 3, 37-48.	1.6	273
17	When upper probabilities are possibility measures. Fuzzy Sets and Systems, 1992, 49, 65-74.	1.6	270
18	Gradualness, uncertainty and bipolarity: Making sense of fuzzy sets. Fuzzy Sets and Systems, 2012, 192, 3-24.	1.6	261

#	ARTICLE	IF	CITATIONS
19	Unfair coins and necessity measures: Towards a possibilistic interpretation of histograms. Fuzzy Sets and Systems, 1983, 10, 15-20.	1.6	240
20	Decision-theoretic foundations of qualitative possibility theory. European Journal of Operational Research, 2001, 128, 459-478.	3.5	238
21	On the use of aggregation operations in information fusion processes. Fuzzy Sets and Systems, 2004, 142, 143-161.	1.6	236
22	Possibility theory in constraint satisfaction problems: Handling priority, preference and uncertainty. Applied Intelligence, 1996, 6, 287-309.	3.3	229
23	Gradual inference rules in approximate reasoning. Information Sciences, 1992, 61, 103-122.	4.0	217
24	Fuzzy sets in approximate reasoning, Part 2: logical approaches. Fuzzy Sets and Systems, 1991, 40, 203-244.	1.6	216
25	On Possibility/Probability Transformations. , 1993, , 103-112.		215
26	Random sets and fuzzy interval analysis. Fuzzy Sets and Systems, 1991, 42, 87-101.	1.6	205
27	An introduction to bipolar representations of information and preference. International Journal of Intelligent Systems, 2008, 23, 866-877.	3.3	205
28	Epistemic entrenchment and possibilistic logic. Artificial Intelligence, 1991, 50, 223-239.	3.9	197
29	Twofold fuzzy sets and rough sets – Some issues in knowledge representation. Fuzzy Sets and Systems, 1987, 23, 3-18.	1.6	195
30	Fuzzy sets, probability and measurement. European Journal of Operational Research, 1989, 40, 135-154.	3.5	186
31	Fuzzy Interval Analysis. The Handbooks of Fuzzy Sets Series, 2000, , 483-581.	0.5	180
32	Fuzzy cardinality and the modeling of imprecise quantification. Fuzzy Sets and Systems, 1985, 16, 199-230.	1.6	175
33	Nonmonotonic reasoning, conditional objects and possibility theory. Artificial Intelligence, 1997, 92, 259-276.	3.9	174
34	Fuzzy sets and statistical data. European Journal of Operational Research, 1986, 25, 345-356.	3.5	173
35	Using fuzzy set theory in a scheduling problem: A case study. Fuzzy Sets and Systems, 1979, 2, 153-165.	1.6	168
36	Properties of measures of information in evidence and possibility theories. Fuzzy Sets and Systems, 1987, 24, 161-182.	1.6	164

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37	Fuzzy constraints in job-shop scheduling. <i>Journal of Intelligent Manufacturing</i> , 1995, 6, 215-234.	4.4	163
38	A systematic approach to the assessment of fuzzy association rules. <i>Data Mining and Knowledge Discovery</i> , 2006, 13, 167-192.	2.4	160
39	Possibilistic logic: a retrospective and prospective view. <i>Fuzzy Sets and Systems</i> , 2004, 144, 3-23.	1.6	154
40	Consonant approximations of belief functions. <i>International Journal of Approximate Reasoning</i> , 1990, 4, 419-449.	1.9	149
41	Operations in a fuzzy-valued logic. <i>Information and Control</i> , 1979, 43, 224-240.	1.3	148
42	Vagueness, typicality, and uncertainty in class hierarchies. <i>International Journal of Intelligent Systems</i> , 1991, 6, 167-183.	3.3	147
43	Possibility Theory: Qualitative and Quantitative Aspects. , 1998, , 169-226.		137
44	Towards fuzzy differential calculus part 2: Integration on fuzzy intervals. <i>Fuzzy Sets and Systems</i> , 1982, 8, 105-116.	1.6	132
45	On the unicity of dempster rule of combination. <i>International Journal of Intelligent Systems</i> , 1986, 1, 133-142.	3.3	127
46	Evidence measures based on fuzzy information. <i>Automatica</i> , 1985, 21, 547-562.	3.0	125
47	Refinements of the maximin approach to decision-making in a fuzzy environment. <i>Fuzzy Sets and Systems</i> , 1996, 81, 103-122.	1.6	124
48	Lipski's approach to incomplete information data bases restated and generalized in the setting of Zadeh's possibility theory. <i>Information Systems</i> , 1984, 9, 27-42.	2.4	123
49	A Semantics for Possibility Theory Based on Likelihoods. <i>Journal of Mathematical Analysis and Applications</i> , 1997, 205, 359-380.	0.5	123
50	Bipolar possibility theory in preference modeling: Representation, fusion and optimal solutions. <i>Information Fusion</i> , 2006, 7, 135-150.	11.7	114
51	Possibility Theory, Probability and Fuzzy Sets Misunderstandings, Bridges and Gaps. <i>The Handbooks of Fuzzy Sets Series</i> , 2000, , 343-438.	0.5	111
52	Bridging gaps between several forms of granular computing. <i>Granular Computing</i> , 2016, 1, 115-126.	4.4	110
53	An overview of the asymmetric bipolar representation of positive and negative information in possibility theory. <i>Fuzzy Sets and Systems</i> , 2009, 160, 1355-1366.	1.6	108
54	Fusion: General concepts and characteristics. <i>International Journal of Intelligent Systems</i> , 2001, 16, 1107-1134.	3.3	106

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55	Necessity Measures and the Resolution Principle. IEEE Transactions on Systems, Man, and Cybernetics, 1987, 17, 474-478.	0.9	104
56	The basic principles of uncertain information fusion. An organised review of merging rules in different representation frameworks. Information Fusion, 2016, 32, 12-39.	11.7	102
57	Knowledge-Driven versus Data-Driven Logics. Journal of Logic, Language and Information, 2000, 9, 65-89.	0.4	101
58	An introduction to fuzzy systems. Clinica Chimica Acta, 1998, 270, 3-29.	0.5	100
59	Fuzzy Sets: History and Basic Notions. The Handbooks of Fuzzy Sets Series, 2000, , 21-124.	0.5	99
60	Title is missing!. Studia Logica, 1997, 58, 17-45.	0.4	90
61	Fuzzy set modelling in case-based reasoning. International Journal of Intelligent Systems, 1998, 13, 345-373.	3.3	90
62	From Blanchard's Hexagonal Organization of Concepts to Formal Concept Analysis and Possibility Theory. Logica Universalis, 2012, 6, 149-169.	0.1	90
63	The logical view of conditioning and its application to possibility and evidence theories. International Journal of Approximate Reasoning, 1990, 4, 23-46.	1.9	84
64	A logical approach to interpolation based on similarity relations. International Journal of Approximate Reasoning, 1997, 17, 1-36.	1.9	83
65	A definition of subjective possibility. International Journal of Approximate Reasoning, 2008, 48, 352-364.	1.9	83
66	Semantics of quotient operators in fuzzy relational databases. Fuzzy Sets and Systems, 1996, 78, 89-93.	1.6	82
67	On fuzzy syllogisms. Computational Intelligence, 1988, 4, 171-179.	2.1	80
68	Resolution principles in possibilistic logic. International Journal of Approximate Reasoning, 1990, 4, 1-21.	1.9	79
69	New Results about Properties and Semantics of Fuzzy Set-Theoretic Operators. , 1980, , 59-75.		77
70	A synthetic view of belief revision with uncertain inputs in the framework of possibility theory. International Journal of Approximate Reasoning, 1997, 17, 295-324.	1.9	74
71	Belief change and possibility theory. , 1992, , 142-182.		73
72	Bipolarity in Flexible Querying. Lecture Notes in Computer Science, 2002, , 174-182.	1.0	71

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73	Using Fuzzy Sets in Flexible Querying: Why and How?. , 1997, , 45-60.		70
74	On the transformation between possibilistic logic bases and possibilistic causal networks. International Journal of Approximate Reasoning, 2002, 29, 135-173.	1.9	69
75	Possibility theory and formal concept analysis: Characterizing independent sub-contexts. Fuzzy Sets and Systems, 2012, 196, 4-16.	1.6	69
76	Handling Bipolar Queries in Fuzzy Information Processing. , 2008, , 97-114.		68
77	Handling Analogical Proportions in Classical Logic and Fuzzy Logics Settings. Lecture Notes in Computer Science, 2009, , 638-650.	1.0	67
78	From Analogical Proportion to Logical Proportions. Logica Universalis, 2013, 7, 441-505.	0.1	66
79	Possibilistic Merging and Distance-Based Fusion of Propositional Information. Annals of Mathematics and Artificial Intelligence, 2002, 34, 217-252.	0.9	64
80	Merging Fuzzy Information. The Handbooks of Fuzzy Sets Series, 1999, , 335-401.	0.5	63
81	A Practical Approach to Revising Prioritized Knowledge Bases. Studia Logica, 2002, 70, 105-130.	0.4	56
82	Timed Possibilistic Logic. Fundamenta Informaticae, 1991, 15, 211-234.	0.3	56
83	Qualitative possibility theory and its applications to constraint satisfaction and decision under uncertainty. International Journal of Intelligent Systems, 1999, 14, 45-61.	3.3	54
84	Towards a Possibilistic Logic Handling of Preferences. Applied Intelligence, 2001, 14, 303-317.	3.3	54
85	Bayesian conditioning in possibility theory. Fuzzy Sets and Systems, 1997, 92, 223-240.	1.6	53
86	Fuzzy Sets and Possibility Theory in Approximate and Plausible Reasoning. The Handbooks of Fuzzy Sets Series, 1999, , 15-190.	0.5	53
87	Practical Handling of Exception-Tainted Rules and Independence Information in Possibilistic Logic. Applied Intelligence, 1998, 9, 101-127.	3.3	49
88	Qualitative reasoning with imprecise probabilities. Journal of Intelligent Information Systems, 1993, 2, 319-363.	2.8	48
89	Qualitative decision theory. Journal of the ACM, 2002, 49, 455-495.	1.8	48
90	Practical Methods for Constructing Possibility Distributions. International Journal of Intelligent Systems, 2016, 31, 215-239.	3.3	48

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91	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
92	Modeling positive and negative information in possibility theory. International Journal of Intelligent Systems, 2008, 23, 1094-1118.	3.3	44
93	Fuzzy set and possibility theory-based methods in artificial intelligence. Artificial Intelligence, 2003, 148, 1-9.	3.9	43
94	A Note on Quality Measures for Fuzzy Association Rules. Lecture Notes in Computer Science, 2003, , 346-353.	1.0	41
95	FLEXIBILITY AND FUZZY CASE-BASED EVALUATION IN QUERYING: AN ILLUSTRATION IN AN EXPERIMENTAL SETTING. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 43-66.	0.9	40
96	The legacy of 50 years of fuzzy sets: A discussion. Fuzzy Sets and Systems, 2015, 281, 21-31.	1.6	40
97	Beyond Min Aggregation in Multicriteria Decision: (Ordered) Weighted Min, Discri-Min, Leximin. , 1997, , 181-192.		39
98	Interpolation of fuzzy data: Analytical approach and overview. Fuzzy Sets and Systems, 2012, 192, 134-158.	1.6	38
99	Possibilistic Logic – An Overview. Handbook of the History of Logic, 2014, , 283-342.	0.5	37
100	Using Possibilistic Logic for Modeling Qualitative Decision: ATMS-based Algorithms. Fundamenta Informaticae, 1999, 37, 1-30.	0.3	36
101	Multiple-valued extensions of analogical proportions. Fuzzy Sets and Systems, 2016, 292, 193-202.	1.6	36
102	Constraint Propagation with Imprecise Conditional Probabilities. , 1991, , 26-34.		35
103	Possibilistic classifiers for numerical data. Soft Computing, 2013, 17, 733-751.	2.1	34
104	Naive possibilistic classifiers for imprecise or uncertain numerical data. Fuzzy Sets and Systems, 2014, 239, 137-156.	1.6	34
105	Possibility Theory. , 2012, , 2240-2252.		33
106	Fuzzy rules in knowledge-based systems. , 1992, , 45-68.		33
107	Generalized possibilistic logic: Foundations and applications to qualitative reasoning about uncertainty. Artificial Intelligence, 2017, 252, 139-174.	3.9	32
108	Generalized qualitative Sugeno integrals. Information Sciences, 2017, 415-416, 429-445.	4.0	32

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109	ON THE POSSIBILISTIC DECISION MODEL: FROM DECISION UNDER UNCERTAINTY TO CASE-BASED DECISION. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1999, 07, 631-670.	0.9	31
110	A characterization of generalized concordance rules in multicriteria decision making. International Journal of Intelligent Systems, 2003, 18, 751-774.	3.3	31
111	Database Preferences Queries – A Possibilistic Logic Approach with Symbolic Priorities. Lecture Notes in Computer Science, 2008, , 291-310.	1.0	31
112	Chapter 6 Possibilistic uncertainty and fuzzy features in description logic. A preliminary discussion. Capturing Intelligence, 2006, , 101-113.	1.5	30
113	Fuzzy methods for case-based recommendation and decision support. Journal of Intelligent Information Systems, 2006, 27, 95-115.	2.8	30
114	Database preference queries – a possibilistic logic approach with symbolic priorities. Annals of Mathematics and Artificial Intelligence, 2011, 63, 357-383.	0.9	30
115	Analogy-based classifiers for nominal or numerical data. International Journal of Approximate Reasoning, 2017, 91, 36-55.	1.9	30
116	Possibility Theory and its Applications: a Retrospective and Prospective view. , 2006, , 89-109.		30
117	Fuzzy functional dependencies and redundancy elimination. Journal of the Association for Information Science and Technology, 1998, 49, 217-235.	1.2	29
118	Interval-Valued Fuzzy Galois Connections: Algebraic Requirements and Concept Lattice Construction. Fundamenta Informaticae, 2010, 99, 169-186.	0.3	29
119	Possibility-theoretic extension of derivation operators in formal concept analysis over fuzzy lattices. Fuzzy Optimization and Decision Making, 2011, 10, 287-309.	3.4	29
120	Structures of opposition induced by relations. Annals of Mathematics and Artificial Intelligence, 2016, 76, 351-373.	0.9	29
121	Residuated variants of Sugeno integrals: Towards new weighting schemes for qualitative aggregation methods. Information Sciences, 2016, 329, 765-781.	4.0	29
122	Aggregation of Possibility Measures. , 1990, , 55-63.		29
123	Oppositions in Rough Set Theory. Lecture Notes in Computer Science, 2012, , 504-513.	1.0	26
124	A Certainty-Based Model for Uncertain Databases. IEEE Transactions on Fuzzy Systems, 2015, 23, 1181-1196.	6.5	25
125	Graded cubes of opposition and possibility theory with fuzzy events. International Journal of Approximate Reasoning, 2017, 84, 168-185.	1.9	25
126	Using the transferable belief model and a qualitative possibility theory approach on an illustrative example: The assessment of the value of a candidate. International Journal of Intelligent Systems, 2001, 16, 1245-1272.	3.3	24

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127	Belief Change Rules in Ordinal and Numerical Uncertainty Theories. , 1998, , 311-392.		24
128	Imprecise specification of ill-known functions using gradual rules. International Journal of Approximate Reasoning, 2004, 35, 205-222.	1.9	23
129	Handling threats, rewards, and explanatory arguments in a unified setting. International Journal of Intelligent Systems, 2005, 20, 1195-1218.	3.3	22
130	The Structure of Oppositions in Rough Set Theory and Formal Concept Analysis - Toward a New Bridge between the Two Settings. Lecture Notes in Computer Science, 2014, , 154-173.	1.0	22
131	On the representation of fuzzy rules in terms of crisp rules. Information Sciences, 2003, 151, 301-326.	4.0	21
132	Interpolative and extrapolative reasoning in propositional theories using qualitative knowledge about conceptual spaces. Artificial Intelligence, 2013, 202, 86-131.	3.9	20
133	Logical Foundations of Possibilistic Keys. Lecture Notes in Computer Science, 2014, , 181-195.	1.0	20
134	“Not impossible” vs. “guaranteed possible” in fusion and revision. Lecture Notes in Computer Science, 2001, , 522-531.	1.0	19
135	The logical encoding of Sugeno integrals. Fuzzy Sets and Systems, 2014, 241, 61-75.	1.6	19
136	Chapter 18 A fuzzy logic approach to information retrieval using an ontology-based representation of documents. Capturing Intelligence, 2006, 1, 363-377.	1.5	18
137	Bipolar Representations in Reasoning, Knowledge Extraction and Decision Processes. Lecture Notes in Computer Science, 2006, , 15-26.	1.0	18
138	An informational distance for estimating the faithfulness of a possibility distribution, viewed as a family of probability distributions, with respect to data. International Journal of Approximate Reasoning, 2013, 54, 919-933.	1.9	18
139	Representing qualitative capacities as families of possibility measures. International Journal of Approximate Reasoning, 2015, 58, 3-24.	1.9	18
140	Possibilistic Functional Dependencies and Their Relationship to Possibility Theory. IEEE Transactions on Fuzzy Systems, 2016, 24, 757-763.	6.5	18
141	Possibilistic Logic in Decision. , 1999, , 3-17.		18
142	Representations of Uncertainty in AI: Beyond Probability and Possibility. , 2020, , 119-150.		18
143	An Overview of Inconsistency-Tolerant Inferences in Prioritized Knowledge Bases. Applied Logic Series, 1999, , 395-417.	0.3	17
144	An Introductory Survey of Possibility Theory and Its Recent Developments. Journal of Japan Society for Fuzzy Theory and Systems, 1998, 10, 21-42.	0.0	16

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145	Null values in fuzzy databases. <i>Journal of Intelligent Information Systems</i> , 2008, 30, 93-114.	2.8	16
146	Multiple agent possibilistic logic. <i>Journal of Applied Non-Classical Logics</i> , 2013, 23, 299-320.	0.4	16
147	The Strength of Desires: A Logical Approach. <i>Minds and Machines</i> , 2017, 27, 199-231.	2.7	16
148	A Computational Model for Belief Change and Fusing Ordered Belief Bases. <i>Applied Logic Series</i> , 2001, , 109-134.	0.3	16
149	A possibility theory-based approach to the handling of uncertain relations between temporal points. <i>International Journal of Intelligent Systems</i> , 2007, 22, 157-179.	3.3	15
150	Bipolar version space learning. <i>International Journal of Intelligent Systems</i> , 2008, 23, 1135-1152.	3.3	15
151	A possibilistic logic view of preference queries to an uncertain database. , 2010, , .		15
152	Multiple-Valued Logic Interpretations of Analogical, Reverse Analogical, and Paralogical Proportions. , 2010, , .		15
153	Structures of Opposition in Fuzzy Rough Sets. <i>Fundamenta Informaticae</i> , 2015, 142, 1-19.	0.3	15
154	Cardinality constraints on qualitatively uncertain data. <i>Data and Knowledge Engineering</i> , 2015, 99, 126-150.	2.1	15
155	Analogical proportions: From equality to inequality. <i>International Journal of Approximate Reasoning</i> , 2018, 101, 234-254.	1.9	14
156	Structures of Opposition and Comparisons: Boolean and Gradual Cases. <i>Logica Universalis</i> , 2020, 14, 115-149.	0.1	14
157	Analogical Proportions and Analogical Reasoning - An Introduction. <i>Lecture Notes in Computer Science</i> , 2017, , 16-32.	1.0	14
158	Handling uncertainty, context, vague predicates, and partial inconsistency in possibilistic logic. <i>Lecture Notes in Computer Science</i> , 1994, , 45-55.	1.0	13
159	Predicting causality ascriptions from background knowledge: model and experimental validation. <i>International Journal of Approximate Reasoning</i> , 2008, 48, 752-765.	1.9	13
160	Prejudice in uncertain information merging: Pushing the fusion paradigm of evidence theory further. <i>International Journal of Approximate Reasoning</i> , 2020, 121, 1-22.	1.9	13
161	Enriching Relational Learning with Fuzzy Predicates. <i>Lecture Notes in Computer Science</i> , 2003, , 399-410.	1.0	13
162	Eliciting Sugeno Integrals: Methodology and a Case Study. <i>Lecture Notes in Computer Science</i> , 2009, , 712-723.	1.0	13

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163	Possibility Theory and Formal Concept Analysis: Context Decomposition and Uncertainty Handling. Lecture Notes in Computer Science, 2010, , 260-269.	1.0	13
164	Possibilistic Evidence. Lecture Notes in Computer Science, 2011, , 713-724.	1.0	13
165	Interpolation and Extrapolation in Conceptual Spaces: A Case Study in the Music Domain. Lecture Notes in Computer Science, 2011, , 217-231.	1.0	13
166	Analogical Proportions and Multiple-Valued Logics. Lecture Notes in Computer Science, 2013, , 497-509.	1.0	13
167	Decision Evaluation Methods Under Uncertainty and Imprecision. Lecture Notes in Economics and Mathematical Systems, 1988, , 48-65.	0.3	13
168	Bridging logical, comparative and graphical possibilistic representation frameworks. Lecture Notes in Computer Science, 2001, , 422-431.	1.0	12
169	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 2001.. , 2005.. 891-909.		12
170	Solving conflicts in information merging by a flexible interpretation of atomic propositions. Artificial Intelligence, 2011, 175, 1815-1855.	3.9	12
171	Formal Concept Analysis from the Standpoint of Possibility Theory. Lecture Notes in Computer Science, 2015, , 21-38.	1.0	12
172	A Fresh Look at Z -numbers Relationships with Belief Functions and p-boxes. Fuzzy Information and Engineering, 2018, 10, 5-18.	1.0	12
173	Gradual Structures of Oppositions. Studies in Fuzziness and Soft Computing, 2015, , 79-91.	0.6	12
174	Extracting Decision Rules from Qualitative Data Using Sugeno Integral: A Case-Study. Lecture Notes in Computer Science, 2015, , 14-24.	1.0	12
175	An Overview of Ordinal and Numerical Approaches to Causal Diagnostic Problem Solving. , 2000, , 231-280.		12
176	Non-standard theories of uncertainty in knowledge representation and reasoning. Knowledge Engineering Review, 1994, 9, 399-416.	2.1	11
177	Toward multiple-agent extensions of possibilistic logic. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
178	Generalized Possibilistic Logic. Lecture Notes in Computer Science, 2011, , 428-432.	1.0	11
179	Evaluation of analogical proportions through Kolmogorov complexity. Knowledge-Based Systems, 2012, 29, 20-30.	4.0	11
180	Clustering bipartite graphs in terms of approximate formal concepts and sub-contexts. International Journal of Computational Intelligence Systems, 2013, 6, 1125.	1.6	11

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181	Possibilistic preference networks. <i>Information Sciences</i> , 2018, 460-461, 401-415.	4.0	11
182	Quantitative Possibility Theory and its Probabilistic Connections. <i>Advances in Intelligent and Soft Computing</i> , 2002, , 3-26.	0.2	11
183	A Qualitative Bipolar Argumentative View of Trust. <i>Lecture Notes in Computer Science</i> , 2007, , 268-276.	1.0	10
184	Classifying and completing word analogies by machine learning. <i>International Journal of Approximate Reasoning</i> , 2021, 132, 1-25.	1.9	10
185	Making the Best of Cases by Approximation, Interpolation and Extrapolation. <i>Lecture Notes in Computer Science</i> , 2018, , 580-596.	1.0	10
186	Representations of Uncertainty in Artificial Intelligence: Probability and Possibility. , 2020, , 69-117.		10
187	A Discussion of Indices for the Evaluation of Fuzzy Associations in Relational Databases. <i>Lecture Notes in Computer Science</i> , 2003, , 111-118.	1.0	9
188	Conditional Preference Nets and Possibilistic Logic. <i>Lecture Notes in Computer Science</i> , 2013, , 181-193.	1.0	9
189	Possibilistic keys. <i>Fuzzy Sets and Systems</i> , 2019, 376, 1-36.	1.6	9
190	Basic issues on fuzzy rules and their application to fuzzy control. <i>Lecture Notes in Computer Science</i> , 1994, , 1-14.	1.0	9
191	Modeling "and if possible" and "or at least" Different Forms of Bipolarity in Flexible Querying. <i>Studies in Computational Intelligence</i> , 2014, , 3-19.	0.7	9
192	Relaxing Ceteris Paribus Preferences with Partially Ordered Priorities. <i>Lecture Notes in Computer Science</i> , 2007, , 660-671.	1.0	9
193	A Formal Concept View of Abstract Argumentation. <i>Lecture Notes in Computer Science</i> , 2013, , 1-12.	1.0	9
194	A Logic of Graded Possibility and Certainty Coping with Partial Inconsistency. , 1991, , 188-196.		9
195	Cataloguing/analogizing: A nonmonotonic view. <i>International Journal of Intelligent Systems</i> , 2011, 26, 1176-1195.	3.3	8
196	Qualitative and quantitative conditions for the transitivity of perceived causation:. <i>Annals of Mathematics and Artificial Intelligence</i> , 2012, 64, 311-333.	0.9	8
197	Using possibilistic logic for modeling qualitative decision: Answer Set Programming algorithms. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 711-738.	1.9	8
198	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

#	ARTICLE	IF	CITATIONS
199	Constructive Solving of Raven's IQ Tests with Analogical Proportions. International Journal of Intelligent Systems, 2016, 31, 1072-1103.	3.3	8
200	Uncertain logical gates in possibilistic networks: Theory and application to human geography. International Journal of Approximate Reasoning, 2017, 82, 101-118.	1.9	8
201	A New Perspective on Analogical Proportions. Lecture Notes in Computer Science, 2019, , 163-174.	1.0	8
202	Analogical Proportions and Square of Oppositions. Communications in Computer and Information Science, 2014, , 324-334.	0.4	8
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