Henri Prade

List of Publications by Year
in descending order

320 papers	21,801 citations	13827 67 h-index	13338 130 g-index
351 all docs	351 docs citations	351 times ranked	5954 citing authors

#	Article	IF	Citations
1	Multiple analogical proportions. AI Communications, 2022, 34, 211-228.	0.8	3
2	La comprÃ©hension des histoires drÃ´lesÂÂ: une affaire de rÃ©vision de croyances. , 2022, 3, 253-285.		1
3	Qualitative capacities: Basic notions and potential applications. International Journal of Approximate Reasoning, 2022, 148, 253-290.	1.9	3
4	Possibility Theory and Possibilistic Logic: Tools for Reasoning Under and About Incomplete Information. IFIP Advances in Information and Communication Technology, 2021, , 79-89.	0.5	0
5	Conditional Preference Networks. Lecture Notes in Computer Science, 2021, , 447-459.	1.0	0
6	Analogical Querying?. Lecture Notes in Computer Science, 2021, , 17-28.	1.0	1
7	Classifying and completing word analogies by machine learning. International Journal of Approximate Reasoning, 2021, 132, 1-25.	1.9	10
8	When Revision-Based Case Adaptation Meets Analogical Extrapolation. Lecture Notes in Computer Science, 2021, , 156-170.	1.0	4
9	Membership Functions. Studies in Fuzziness and Soft Computing, 2021, , 5-20.	0.6	2
10	Possibility Theory. , 2021, , 1-10.		0
11	Prejudice in uncertain information merging: Pushing the fusion paradigm of evidence theory further. International Journal of Approximate Reasoning, 2020, 121, 1-22.	1.9	13
12	Structures of Opposition and Comparisons: Boolean and Gradual Cases. Logica Universalis, 2020, 14, 115-149.	0.1	14
13	Representations of Uncertainty in Artificial Intelligence: Probability and Possibility. , 2020, , 69-117.		10
14	Representations of Uncertainty in AI: Beyond Probability and Possibility. , 2020, , 119-150.		18
15	Continuous Analogical Proportions-Based Classifier. Communications in Computer and Information Science, 2020, , 541-555.	0.4	2
16	From Possibilistic Rule-Based Systems toÂMachine Learning - A Discussion Paper. Lecture Notes in Computer Science, 2020, , 35-51.	1.0	7
17	Case-Based Reasoning, Analogy, and Interpolation. , 2020, , 307-339.		0
18	A Glance at Causality Theories for Artificial Intelligence. , 2020, , 275-305.		3

#	Article	IF	Citations
19	Towards a Logic-Based View of Some Approaches to Classification Tasks. Communications in Computer and Information Science, 2020, , 697-711.	0.4	3
20	Possibilistic keys. Fuzzy Sets and Systems, 2019, 376, 1-36.	1.6	9
21	Analogical proportion-based methods for recommendation â€" First investigations. Fuzzy Sets and Systems, 2019, 366, 110-132.	1.6	7
22	Possibilistic Logic: From Certainty-Qualified Statements to Two-Tiered Logics â€" A Prospective Survey. Lecture Notes in Computer Science, 2019, , 3-20.	1.0	5
23	Many-valued Logics for Reasoning: Essays in Honor of LluÃs Godo on the Occasion of his 60th Birthday. Soft Computing, 2019, 23, 2125-2127.	2.1	1
24	New Directions in Ordinal Evaluation: Sugeno Integrals and Beyond. Multiple Criteria Decision Making, 2019, , 177-228.	0.6	4
25	Improving Analogical Extrapolation Using Case Pair Competence. Lecture Notes in Computer Science, 2019, , 251-265.	1.0	6
26	A New Perspective on Analogical Proportions. Lecture Notes in Computer Science, 2019, , 163-174.	1.0	8
27	Revisiting Conditional Preferences: From Defaults to Graphical Representations. Lecture Notes in Computer Science, 2019, , 187-198.	1.0	2
28	Solving Word Analogies: A Machine Learning Perspective. Lecture Notes in Computer Science, 2019, , 238-250.	1.0	5
29	An Analogical Interpolation Method for Enlarging a Training Dataset. Lecture Notes in Computer Science, 2019, , 136-152.	1.0	3
30	Towards a Reconciliation Between Reasoning and Learning - A Position Paper. Lecture Notes in Computer Science, 2019, , 153-168.	1.0	3
31	CP-Nets, $$pi $$-pref Nets, and Pareto Dominance. Lecture Notes in Computer Science, 2019, , 169-183.	1.0	3
32	Comparison of Analogy-Based Methods for Predicting Preferences. Lecture Notes in Computer Science, 2019, , 339-354.	1.0	5
33	Possibilistic preference networks. Information Sciences, 2018, 460-461, 401-415.	4.0	11
34	Gradual Numbers and Fuzzy Solutions to Fuzzy Optimization Problems. Studies in Fuzziness and Soft Computing, 2018, , 223-229.	0.6	2
35	A Fresh Look at Z-numbers â€" Relationships with Belief Functions and p-boxes. Fuzzy Information and Engineering, 2018, 10, 5-18.	1.0	12
36	Oddness-based classification: A new way of exploiting neighbors. International Journal of Intelligent Systems, 2018, 33, 2379-2401.	3.3	4

#	Article	IF	Citations
37	Analogical proportions: From equality to inequality. International Journal of Approximate Reasoning, 2018, 101, 234-254.	1.9	14
38	Fuzzy Extensions of Conceptual Structures of Comparison. Communications in Computer and Information Science, 2018, , 710-722.	0.4	2
39	A Crash Course on Generalized Possibilistic Logic. Lecture Notes in Computer Science, 2018, , 3-17.	1.0	6
40	Predicting Preferences by Means of Analogical Proportions. Lecture Notes in Computer Science, 2018, , 515-531.	1.0	5
41	Making the Best of Cases by Approximation, Interpolation and Extrapolation. Lecture Notes in Computer Science, 2018, , 580-596.	1.0	10
42	Enhancing the Expressive Power of Sugeno Integrals for Qualitative Data Analysis. Advances in Intelligent Systems and Computing, 2018, , 534-547.	0.5	4
43	Extracting Decision Rules from Qualitative Data via Sugeno Utility Functionals. Communications in Computer and Information Science, 2018, , 253-265.	0.4	8
44	Representation of Multiple Agent Preferences. Lecture Notes in Computer Science, 2018, , 359-367.	1.0	1
45	Separable Qualitative Capacities. Lecture Notes in Computer Science, 2018, , 124-139.	1.0	1
46	Graded cubes of opposition and possibility theory with fuzzy events. International Journal of Approximate Reasoning, 2017, 84, 168-185.	1.9	25
47	The Strength of Desires: A Logical Approach. Minds and Machines, 2017, 27, 199-231.	2.7	16
48	Asymmetric Composition of Possibilistic Operators in Formal Concept Analysis: Application to the Extraction of Attribute Implications from Incomplete Contexts. International Journal of Intelligent Systems, 2017, 32, 1285-1311.	3.3	6
49	Uncertain logical gates in possibilistic networks: Theory and application to human geography. International Journal of Approximate Reasoning, 2017, 82, 101-118.	1.9	8
50	Oddness/evenness-based classifiers for Boolean or numerical data. International Journal of Approximate Reasoning, 2017, 82, 81-100.	1.9	6
51	Analogy-based classifiers for nominal or numerical data. International Journal of Approximate Reasoning, 2017, 91, 36-55.	1.9	30
52	From the Structures of Opposition Between Similarity and Dissimilarity Indicators to Logical Proportions. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2017, , 279-299.	0.2	2
53	Generalized possibilistic logic: Foundations and applications to qualitative reasoning about uncertainty. Artificial Intelligence, 2017, 252, 139-174.	3.9	32
54	Reasoning with Imperfect Information and Knowledge. Minds and Machines, 2017, 27, 7-9.	2.7	0

#	Article	IF	Citations
55	Generalized qualitative Sugeno integrals. Information Sciences, 2017, 415-416, 429-445.	4.0	32
56	On the relation between possibilistic logic and modal logics of belief and knowledge. Journal of Applied Non-Classical Logics, 2017, 27, 206-224.	0.4	7
57	Towards Analogy-Based Decision - A Proposal. Lecture Notes in Computer Science, 2017, , 28-35.	1.0	6
58	Analogical Proportions and Analogical Reasoning - An Introduction. Lecture Notes in Computer Science, 2017, , 16-32.	1.0	14
59	Graphical Representations of Multiple Agent Preferences. Lecture Notes in Computer Science, 2017, , 142-153.	1.0	1
60	Expressivity of Possibilistic Preference Networks with Constraints. Lecture Notes in Computer Science, 2017, , 163-177.	1.0	3
61	Analogical Inequalities. Lecture Notes in Computer Science, 2017, , 3-9.	1.0	1
62	Boolean Analogical Proportions - Axiomatics and Algorithmic Complexity Issues. Lecture Notes in Computer Science, 2017, , 10-21.	1.0	1
63	Constructive Solving of Raven's IQ Tests with Analogical Proportions. International Journal of Intelligent Systems, 2016, 31, 1072-1103.	3.3	8
64	Analogy in recommendation. Numerical vs. ordinal: A discussion. , 2016, , .		1
65	Structures of opposition induced by relations. Annals of Mathematics and Artificial Intelligence, 2016, 76, 351-373.	0.9	29
66	The Emergence of Fuzzy Sets: A Historical Perspective. Studies in Fuzziness and Soft Computing, 2016, , 3-19.	0.6	2
67	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
68	Completing Preferences by Means of Analogical Proportions. Lecture Notes in Computer Science, 2016, , 135-147.	1.0	4
69	Reasoning with Data - A New Challenge for AI?. Lecture Notes in Computer Science, 2016, , 274-288.	1.0	4
70	Practical Methods for Constructing Possibility Distributions. International Journal of Intelligent Systems, 2016, 31, 215-239.	3.3	48
71	Possibilistic Functional Dependencies and Their Relationship to Possibility Theory. IEEE Transactions on Fuzzy Systems, 2016, 24, 757-763.	6.5	18
72	Multiple-valued extensions of analogical proportions. Fuzzy Sets and Systems, 2016, 292, 193-202.	1.6	36

#	Article	IF	Citations
73	Bridging gaps between several forms of granular computing. Granular Computing, 2016, 1, 115-126.	4.4	110
74	Residuated variants of Sugeno integrals: Towards new weighting schemes for qualitative aggregation methods. Information Sciences, 2016, 329, 765-781.	4.0	29
75	On Different Ways to be (dis)similar to Elements in a Set. Boolean Analysis and Graded Extension. Communications in Computer and Information Science, 2016, , 605-618.	0.4	5
76	Reasoning with Multiple-Agent Possibilistic Logic. Lecture Notes in Computer Science, 2016, , 67-80.	1.0	2
77	Revising Desires â€" A Possibility Theory Viewpoint. Advances in Intelligent Systems and Computing, 2016, , 3-13.	0.5	5
78	Structures of Opposition in Fuzzy Rough Sets. Fundamenta Informaticae, 2015, 142, 1-19.	0.3	15
79	Formal Concept Analysis from the Standpoint of Possibility Theory. Lecture Notes in Computer Science, 2015, , 21-38.	1.0	12
80	Inconsistency Management from the Standpoint of Possibilistic Logic. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 15-30.	0.9	8
81	Representing qualitative capacities as families of possibility measures. International Journal of Approximate Reasoning, 2015, 58, 3-24.	1.9	18
82	The Cube of Opposition and the Complete Appraisal of Situations by Means of Sugeno Integrals. Lecture Notes in Computer Science, 2015, , 197-207.	1.0	4
83	Cardinality constraints on qualitatively uncertain data. Data and Knowledge Engineering, 2015, 99, 126-150.	2.1	15
84	The legacy of 50 years of fuzzy sets: A discussion. Fuzzy Sets and Systems, 2015, 281, 21-31.	1.6	40
85	Engineering multiuser museum interactives for shared cultural experiences. Engineering Applications of Artificial Intelligence, 2015, 46, 180-195.	4.3	5
86	A Certainty-Based Model for Uncertain Databases. IEEE Transactions on Fuzzy Systems, 2015, 23, 1181-1196.	6.5	25
87	Gradual Structures of Oppositions. Studies in Fuzziness and Soft Computing, 2015, , 79-91.	0.6	12
88	Extracting Decision Rules from Qualitative Data Using Sugeno Integral: A Case-Study. Lecture Notes in Computer Science, 2015, , 14-24.	1.0	12
89	Uncertain Logical Gates in Possibilistic Networks. An Application to Human Geography. Lecture Notes in Computer Science, 2015, , 249-263.	1.0	5
90	Oddness-Based Classifiers for Boolean orÂNumerical Data. Lecture Notes in Computer Science, 2015, , 32-44.	1.0	2

#	Article	IF	Citations
91	Possibility Theory. , 2015, , 1-20.		2
92	A New View of Conformity and Its Application to Classification. Lecture Notes in Computer Science, 2015, , 221-232.	1.0	2
93	Experimenting Analogical Reasoning in Recommendation. Lecture Notes in Computer Science, 2015, , 69-78.	1.0	1
94	Learning Structure of Bayesian Networks by Using Possibilistic Upper Entropy. Advances in Intelligent Systems and Computing, 2015, , 87-95.	0.5	0
95	Possibilistic Logic â€" An Overview. Handbook of the History of Logic, 2014, , 283-342.	0.5	37
96	Analogical Classification: A Rule-Based View. Communications in Computer and Information Science, 2014, , 485-495.	0.4	3
97	The logical encoding of Sugeno integrals. Fuzzy Sets and Systems, 2014, 241, 61-75.	1.6	19
98	From Analogical Proportion to Logical Proportions: A Survey. Studies in Computational Intelligence, 2014, , 217-244.	0.7	1
99	Using possibilistic logic for modeling qualitative decision: Answer Set Programming algorithms. International Journal of Approximate Reasoning, 2014, 55, 711-738.	1.9	8
100	Naive possibilistic classifiers for imprecise or uncertain numerical data. Fuzzy Sets and Systems, 2014, 239, 137-156.	1.6	34
101	Modeling â€œand if possibleâ€•and â€œor at leastâ€• Different Forms of Bipolarity in Flexible Querying. Studies in Computational Intelligence, 2014, , 3-19.	0.7	9
102	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
103	On the Informational Comparison of Qualitative Fuzzy Measures. Communications in Computer and Information Science, 2014, , 216-225.	0.4	4
104	Analogical Proportions and Square of Oppositions. Communications in Computer and Information Science, 2014, , 324-334.	0.4	8
105	Analogical Classification: Handling Numerical Data. Lecture Notes in Computer Science, 2014, , 66-79.	1.0	5
106	Logical Foundations of Possibilistic Keys. Lecture Notes in Computer Science, 2014, , 181-195.	1.0	20
107	A Short Introduction to Computational Trends in Analogical Reasoning. Studies in Computational Intelligence, 2014, , 1-22.	0.7	6
108	Completing Symbolic Rule Bases Using Betweenness and Analogical Proportion. Studies in Computational Intelligence, 2014, , 195-215.	0.7	6

#	Article	IF	Citations
109	Possibilistic Networks: A New Setting for Modeling Preferences. Lecture Notes in Computer Science, 2014, , 1-7.	1.0	3
110	Conditional Preference Nets and Possibilistic Logic. Lecture Notes in Computer Science, 2013, , 181-193.	1.0	9
111	Possibilistic classifiers for numerical data. Soft Computing, 2013, 17, 733-751.	2.1	34
112	Multiple agent possibilistic logic. Journal of Applied Non-Classical Logics, 2013, 23, 299-320.	0.4	16
113	From Analogical Proportion to Logical Proportions. Logica Universalis, 2013, 7, 441-505.	0.1	66
114	Interpolative and extrapolative reasoning in propositional theories using qualitative knowledge about conceptual spaces. Artificial Intelligence, 2013, 202, 86-131.	3.9	20
115	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
116	A Possibilistic Logic Approach to Conditional Preference Queries. Lecture Notes in Computer Science, 2013, , 376-388.	1.0	2
117	Clustering bipartite graphs in terms of approximate formal concepts and sub-contexts. International Journal of Computational Intelligence Systems, 2013, 6, 1125.	1.6	11
118	A Formal Concept View of Abstract Argumentation. Lecture Notes in Computer Science, 2013, , 1-12.	1.0	9
119	Analogical Proportions and Multiple-Valued Logics. Lecture Notes in Computer Science, 2013, , 497-509.	1.0	13
120	Toward a General Framework for Information Fusion. Lecture Notes in Computer Science, 2013, , 37-48.	1.0	3
121	Picking the one that does not fit - A matter of logical proportions. , 2013, , .		4
122	Bipolar Possibility Theory as a Basis for a Logic of Desires and Beliefs. Lecture Notes in Computer Science, 2013, , 204-218.	1.0	2
123	How We Got Fuzzy (1976 - 1980). Studies in Fuzziness and Soft Computing, 2013, , 777-796.	0.6	1
124	Possibility Theory. , 2012, , 2240-2252.		33
125	Classification Based on Possibilistic Likelihood. Communications in Computer and Information Science, 2012, , 420-429.	0.4	0
126	Abe Mamdani: A Pioneer of Soft Artificial Intelligence. Studies in Fuzziness and Soft Computing, 2012, , 49-60.	0.6	4

#	Article	IF	Citations
127	Qualitative Integrals and Desintegrals â€" Towards a Logical View. Lecture Notes in Computer Science, 2012, , 127-138.	1.0	3
128	From BlanchÃ©â€™s Hexagonal Organization of Concepts to Formal Concept Analysis and Possibility Theory. Logica Universalis, 2012, 6, 149-169.	0.1	90
129	Evaluating trustworthiness from past performances: interval-based approaches. Annals of Mathematics and Artificial Intelligence, 2012, 64, 247-268.	0.9	3
130	Qualitative and quantitative conditions for the transitivity of perceived causation:. Annals of Mathematics and Artificial Intelligence, 2012, 64, 311-333.	0.9	8
131	Interpolation of fuzzy data: Analytical approach and overview. Fuzzy Sets and Systems, 2012, 192, 134-158.	1.6	38
132	Gradualness, uncertainty and bipolarity: Making sense of fuzzy sets. Fuzzy Sets and Systems, 2012, 192, 3-24.	1.6	261
133	Possibility theory and formal concept analysis: Characterizing independent sub-contexts. Fuzzy Sets and Systems, 2012, 196, 4-16.	1.6	69
134	Evaluation of analogical proportions through Kolmogorov complexity. Knowledge-Based Systems, 2012, 29, 20-30.	4.0	11
135	Oppositions in Rough Set Theory. Lecture Notes in Computer Science, 2012, , 504-513.	1.0	26
136	Clustering Sets of Objects Using Concepts-Objects Bipartite Graphs. Lecture Notes in Computer Science, 2012, , 420-432.	1.0	2
137	Towards a Logic of Argumentation. Lecture Notes in Computer Science, 2012, , 558-565.	1.0	7
138	Possibilistic Classifiers for Uncertain Numerical Data. Lecture Notes in Computer Science, 2011, , 434-446.	1.0	1
139	Database preference queriesâ€"a possibilistic logic approach with symbolic priorities. Annals of Mathematics and Artificial Intelligence, 2011, 63, 357-383.	0.9	30
140	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
141	Cataloguing/analogizing: A nonmonotonic view. International Journal of Intelligent Systems, 2011, 26, 1176-1195.	3.3	8
142	Solving conflicts in information merging by a flexible interpretation of atomic propositions. Artificial Intelligence, 2011, 175, 1815-1855.	3.9	12
143	A principled discussion of information combination rules in different representation settings. , 2011, , .		0
144	Generalized Possibilistic Logic. Lecture Notes in Computer Science, 2011, , 428-432.	1.0	11

#	Article	IF	Citations
145	Handling Various Forms of Inconsistency in Possibilistic Logic. , 2011, , .		2
146	A Kolmogorov Complexity View of Analogy: From Logical Modeling to Experimentations. , 2011, , 93-106.		1
147	Answer Set Programming for Computing Decisions Under Uncertainty. Lecture Notes in Computer Science, 2011, , 485-496.	1.0	4
148	Handling Exceptions in Logic Programming without Negation as Failure. Lecture Notes in Computer Science, 2011, , 509-520.	1.0	3
149	Possibilistic Evidence. Lecture Notes in Computer Science, 2011, , 713-724.	1.0	13
150	Analogy-Making for Solving IQ Tests: A Logical View. Lecture Notes in Computer Science, 2011, , 241-257.	1.0	8
151	Interpolation and Extrapolation in Conceptual Spaces: A Case Study in the Music Domain. Lecture Notes in Computer Science, 2011, , 217-231.	1.0	13
152	A Possibilistic Logic View of Sugeno Integrals. Advances in Intelligent and Soft Computing, 2011, , 19-30.	0.2	3
153	Interval-Valued Fuzzy Galois Connections: Algebraic Requirements and Concept Lattice Construction. Fundamenta Informaticae, 2010, 99, 169-186.	0.3	29
154	A possibilistic logic view of preference queries to an uncertain database. , 2010, , .		15
155	Multiple-Valued Logic Interpretations of Analogical, Reverse Analogical, and Paralogical Proportions. , 2010, , .		15
156	Describing acceptable objects by means of Sugeno integrals. , 2010, , .		4
157	Analogical proportions: another logical view. , 2010, , 121-134.		4
158	Possibility Theory and Formal Concept Analysis: Context Decomposition and Uncertainty Handling. Lecture Notes in Computer Science, 2010, , 260-269.	1.0	13
159	A Possibility Theory-Oriented Discussion of Conceptual Pattern Structures. Lecture Notes in Computer Science, 2010, , 70-83.	1.0	6
160	A FUZZY LOGIC APPROACH TO TOPIC EXTRACTION IN TEXTS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 81-112.	0.9	4
161	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
162	Merging Conflicting Propositional Knowledge by Similarity. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
163	Accepted Beliefs, Revision and Bipolarity in the Possibilistic Framework. Synthese Library, 2009, , 161-184.	0.1	3
164	Handling Analogical Proportions in Classical Logic and Fuzzy Logics Settings. Lecture Notes in Computer Science, 2009, , 638-650.	1.0	67
165	Elicitating Sugeno Integrals: Methodology and a Case Study. Lecture Notes in Computer Science, 2009, , 712-723.	1.0	13
166	A General Framework for Revising Belief Bases Using Qualitative Jeffrey's Rule. Lecture Notes in Computer Science, 2009, , 612-621.	1.0	1
167	Current Research Trends in Possibilistic Logic: Multiple Agent Reasoning, Preference Representation, and Uncertain Databases. Studies in Computational Intelligence, 2009, , 311-330.	0.7	1
168	Interventions in Possibilistic Logic. Lecture Notes in Computer Science, 2009, , 40-54.	1.0	2
169	Null values in fuzzy databases. Journal of Intelligent Information Systems, 2008, 30, 93-114.	2.8	16
170	An introduction to bipolar representations of information and preference. International Journal of Intelligent Systems, 2008, 23, 866-877.	3.3	205
171	Modeling positive and negative information in possibility theory. International Journal of Intelligent Systems, 2008, 23, 1094-1118.	3.3	44
172	Bipolar version space learning. International Journal of Intelligent Systems, 2008, 23, 1135-1152.	3.3	15
173	Logical handling of uncertain, ontology-based, spatial information. Fuzzy Sets and Systems, 2008, 159, 1515-1534.	1.6	2
174	A definition of subjective possibility. International Journal of Approximate Reasoning, 2008, 48, 352-364.	1.9	83
175	Predicting causality ascriptions from background knowledge: model and experimental validation. International Journal of Approximate Reasoning, 2008, 48, 752-765.	1.9	13
176	Handling uncertainty and defeasibility in a possibilistic logic setting. International Journal of Approximate Reasoning, 2008, 49, 67-82.	1.9	7
177	Database Preferences Queries – A Possibilistic Logic Approach with Symbolic Priorities. Lecture Notes in Computer Science, 2008, , 291-310.	1.0	31
178	Logical definition of analogical proportion and its fuzzy extensions. , 2008, , .		7
179	Handling Bipolar Queries in Fuzzy Information Processing. , 2008, , 97-114.		68
180	Transitive Observation-Based Causation, Saliency, and the Markov Condition. Lecture Notes in Computer Science, 2008, , 78-91.	1.0	0

#	Article	IF	Citations
181	A Qualitative Bipolar Argumentative View of Trust. Lecture Notes in Computer Science, 2007, , 268-276.	1.0	10
182	Toward multiple-agent extensions of possibilistic logic. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
183	Fuzzy-Set Based Logics â€" an History-Oriented Presentation of their Main Developments. Handbook of the History of Logic, 2007, 8, 325-449.	0.5	46
184	Fuzzy Logic and Ontology-based Information Retrieval. , 2007, , 193-218.		7
185	A possibility theory-based approach to the handling of uncertain relations between temporal points. International Journal of Intelligent Systems, 2007, 22, 157-179.	3.3	15
186	Flexible querying of semistructured data: A fuzzy-set-based approach. International Journal of Intelligent Systems, 2007, 22, 723-737.	3.3	6
187	The Logical Handling of Threats, Rewards, Tips, and Warnings. Lecture Notes in Computer Science, 2007, , 235-246.	1.0	4
188	Relaxing Ceteris Paribus Preferences with Partially Ordered Priorities. Lecture Notes in Computer Science, 2007, , 660-671.	1.0	9
189	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
190	Chapter 6 Possibilistic uncertainty and fuzzy features in description logic. A preliminary discussion. Capturing Intelligence, 2006, , 101-113.	1.5	30
191	Bipolar possibility theory in preference modeling: Representation, fusion and optimal solutions. Information Fusion, 2006, 7, 135-150.	11.7	114
192	A systematic approach to the assessment of fuzzy association rules. Data Mining and Knowledge Discovery, 2006, 13, 167-192.	2.4	160
193	Fuzzy methods for case-based recommendation and decision support. Journal of Intelligent Information Systems, 2006, 27, 95-115.	2.8	30
194	Improving Expressivity of Inductive Logic Programming by Learning Different Kinds of Fuzzy Rules. Soft Computing, 2006, 11, 459-466.	2.1	7
195	Bipolar Representations in Reasoning, Knowledge Extraction and Decision Processes. Lecture Notes in Computer Science, 2006, , 15-26.	1.0	18
196	Possibility Theory and its Applications: a Retrospective and Prospective view. , 2006, , 89-109.		30
197	Making decisions from weighted arguments. , 2006, , 1-14.		2
198	Acceptance, Conditionals, and Belief Revision. Lecture Notes in Computer Science, 2005, , 38-58.	1.0	2

#	Article	IF	Citations
199	Expressing Preferences from Generic Rules and Examples – A Possibilistic Approach Without Aggregation Function. Lecture Notes in Computer Science, 2005, , 293-304.	1.0	5
200	Terminological difficulties in fuzzy set theory—The case of "Intuitionistic Fuzzy Sets". Fuzzy Sets and Systems, 2005, 156, 485-491.	1.6	282
201	Handling threats, rewards, and explanatory arguments in a unified setting. International Journal of Intelligent Systems, 2005, 20, 1195-1218.	3.3	22
202	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 2–5, 2001.. , 2005, , 891-909.		12
203	Probability-Possibility Transformations, Triangular Fuzzy Sets, and Probabilistic Inequalities. Reliable Computing, 2004, 10, 273-297.	0.8	440
204	Possibilistic logic: a retrospective and prospective view. Fuzzy Sets and Systems, 2004, 144, 3-23.	1.6	154
205	On the use of aggregation operations in information fusion processes. Fuzzy Sets and Systems, 2004, 142, 143-161.	1.6	236
206	Imprecise specification of ill-known functions using gradual rules. International Journal of Approximate Reasoning, 2004, 35, 205-222.	1.9	23
207	Null Values Revisited in Prospect of Data Integration. Lecture Notes in Computer Science, 2004, , 79-90.	1.0	2
208	A characterization of generalized concordance rules in multicriteria decision making. International Journal of Intelligent Systems, 2003, 18, 751-774.	3.3	31
209	Fuzzy set and possibility theory-based methods in artificial intelligence. Artificial Intelligence, 2003, 148, 1-9.	3.9	43
210	On the representation of fuzzy rules in terms of crisp rules. Information Sciences, 2003, 151, 301-326.	4.0	21
211	A Discussion of Indices for the Evaluation of Fuzzy Associations in Relational Databases. Lecture Notes in Computer Science, 2003, , 111-118.	1.0	9
212	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
213	A Note on Quality Measures for Fuzzy Association Rules. Lecture Notes in Computer Science, 2003, , 346-353.	1.0	41
214	Enriching Relational Learning with Fuzzy Predicates. Lecture Notes in Computer Science, 2003, , 399-410.	1.0	13
215	On the Induction of Different Kinds of First-Order Fuzzy Rules. Lecture Notes in Computer Science, 2003, , 370-381.	1.0	5
216	Qualitative decision theory. Journal of the ACM, 2002, 49, 455-495.	1.8	48

#	Article	IF	Citations
217	Bipolarity in Flexible Querying. Lecture Notes in Computer Science, 2002, , 174-182.	1.0	71
218	On the transformation between possibilistic logic bases and possibilistic causal networks. International Journal of Approximate Reasoning, 2002, 29, 135-173.	1.9	69
219	Possibilistic Merging and Distance-Based Fusion of Propositional Information. Annals of Mathematics and Artificial Intelligence, 2002, 34, 217-252.	0.9	64
220	The Possibilistic Handling of Irrelevance in Exception-Tolerant Reasoning. Annals of Mathematics and Artificial Intelligence, 2002, 35, 29-61.	0.9	6
221	A Practical Approach to Revising Prioritized Knowledge Bases. Studia Logica, 2002, 70, 105-130.	0.4	56
222	Quantitative Possibility Theory and its Probabilistic Connections. Advances in Intelligent and Soft Computing, 2002, , 3-26.	0.2	11
223	Granular Computing with Closeness and Negligibility Relations. Studies in Fuzziness and Soft Computing, 2002, , 290-307.	0.6	5
224	Towards a Possibilistic Logic Handling of Preferences. Profiles in Operations Research, 2002, , 315-337.	0.3	3
225	â€œNot impossibleâ€•vs. â€œguaranteed possibleâ€•in fusion and revision. Lecture Notes in Computer Science, 2001, , 522-531.	1.0	19
226	Bridging logical, comparative and graphical possibilistic representation frameworks. Lecture Notes in Computer Science, 2001, , 422-431.	1.0	12
227	Decision-theoretic foundations of qualitative possibility theory. European Journal of Operational Research, 2001, 128, 459-478.	3.5	238
228	Fusion: General concepts and characteristics. International Journal of Intelligent Systems, 2001, 16, 1107-1134.	3.3	106
229	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
230	Possibility Theory, Probability Theory and Multiple-Valued Logics: A Clarification. Annals of Mathematics and Artificial Intelligence, 2001, 32, 35-66.	0.9	317
231	Towards a Possibilistic Logic Handling of Preferences. Applied Intelligence, 2001, 14, 303-317.	3.3	54
232	Advances in the Egalitarist Approach to Decision-Making in a Fuzzy Environment. Studies in Fuzziness and Soft Computing, 2001, , 213-240.	0.6	7
233	A Computational Model for Belief Change and Fusing Ordered Belief Bases. Applied Logic Series, 2001, , 109-134.	0.3	16
234	Knowledge-Driven versus Data-Driven Logics. Journal of Logic, Language and Information, 2000, 9, 65-89.	0.4	101

#	Article	IF	Citations
235	Fuzzy Sets: History and Basic Notions. The Handbooks of Fuzzy Sets Series, 2000, , 21-124.	0.5	99
236	Possibility Theory, Probability and Fuzzy Sets Misunderstandings, Bridges and Gaps. The Handbooks of Fuzzy Sets Series, 2000, , 343-438.	0.5	111
237	Fuzzy Interval Analysis. The Handbooks of Fuzzy Sets Series, 2000, , 483-581.	0.5	180
238	An Overview of Ordinal and Numerical Approaches to Causal Diagnostic Problem Solving. , 2000, , 231-280.		12
239	Decision, Nonmonotonic Reasoning and Possibilistic Logic. , 2000, , 333-358.		1
240	Using Possibilistic Logic for Modeling Qualitative Decision: ATMS-based Algorithms. Fundamenta Informaticae, 1999, 37, 1-30.	0.3	36
241	ON THE POSSIBILISTIC DECISION MODEL: FROM DECISION UNDER UNCERTAINTY TO CASE-BASED DECISION. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1999, 07, 631-670.	0.9	31
242	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
243	Merging Fuzzy Information. The Handbooks of Fuzzy Sets Series, 1999, , 335-401.	0.5	63
244	Qualitative possibility theory and its applications to constraint satisfaction and decision under uncertainty. International Journal of Intelligent Systems, 1999, 14, 45-61.	3.3	1
245	Fuzzy Logic Techniques in Multimedia Databases Querying: A Preliminary Investigation of the Potentials. , 1999, , 211-229.		2
246	Fuzzy Sets and Possibility Theory in Approximate and Plausible Reasoning. The Handbooks of Fuzzy Sets Series, 1999, , 15-190.	0.5	53
247	Possibilistic Logic in Decision. , 1999, , 3-17.		18
248	An Overview of Inconsistency-Tolerant Inferences in Prioritized Knowledge Bases. Applied Logic Series, 1999, , 395-417.	0.3	17
249	Practical Handling of Exception-Tainted Rules and Independence Information in Possibilistic Logic. Applied Intelligence, 1998, 9, 101-127.	3.3	49
250	Fuzzy functional dependencies and redundancy elimination. Journal of the Association for Information Science and Technology, 1998, 49, 217-235.	1.2	29
251	Fuzzy set modelling in case-based reasoning. International Journal of Intelligent Systems, 1998, 13, 345-373.	3.3	90
252	An introduction to fuzzy systems. Clinica Chimica Acta, 1998, 270, 3-29.	0.5	100

#	Article	IF	Citations
253	Possibility Theory: Qualitative and Quantitative Aspects. , 1998, , 169-226.		137
254	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
255	Belief Change Rules in Ordinal and Numerical Uncertainty Theories. , 1998, , 311-392.		24
256	Defuzzification. , 1998, , .		0
257	Title is missing!. Studia Logica, 1997, 58, 17-45.	0.4	90
258	A logical approach to interpolation based on similarity relations. International Journal of Approximate Reasoning, 1997, 17, 1-36.	1.9	83
259	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
260	The three semantics of fuzzy sets. Fuzzy Sets and Systems, 1997, 90, 141-150.	1.6	435
261	Bayesian conditioning in possibility theory. Fuzzy Sets and Systems, 1997, 92, 223-240.	1.6	53
262	A Semantics for Possibility Theory Based on Likelihoods. Journal of Mathematical Analysis and Applications, 1997, 205, 359-380.	0.5	123
263	Nonmonotonic reasoning, conditional objects and possibility theory. Artificial Intelligence, 1997, 92, 259-276.	3.9	174
264	Using Fuzzy Sets in Flexible Querying: Why and How?. , 1997, , 45-60.		70
265	Beyond Min Aggregation in Multicriteria Decision: (Ordered) Weighted Min, Discri-Min, Leximin. , 1997, , 181-192.		39
266	Semantics of quotient operators in fuzzy relational databases. Fuzzy Sets and Systems, 1996, 78, 89-93.	1.6	82
267	Refinements of the maximin approach to decision-making in a fuzzy environment. Fuzzy Sets and Systems, 1996, 81, 103-122.	1.6	124
268	What are fuzzy rules and how to use them. Fuzzy Sets and Systems, 1996, 84, 169-185.	1.6	368
269	Possibility theory in constraint satisfaction problems: Handling priority, preference and uncertainty. Applied Intelligence, 1996, 6, 287-309.	3.3	229
270	Fuzzy constraints in job-shop scheduling. Journal of Intelligent Manufacturing, 1995, 6, 215-234.	4.4	163

#	Article	IF	Citations
271	Handling uncertainty, context, vague predicates, and partial inconsistency in possibilistic logic. Lecture Notes in Computer Science, 1994, , 45-55.	1.0	13
272	Non-standard theories of uncertainty in knowledge representation and reasoning. Knowledge Engineering Review, 1994, 9, 399-416.	2.1	11
273	Basic issues on fuzzy rules and their application to fuzzy control. Lecture Notes in Computer Science, 1994, , 1-14.	1.0	9
274	Conditional Objects as Nonmonotonic Consequence Relations11A preliminary version of this paper, entitled â€œConditional objects: A three-valued semantics for nonmonotonic inferenceâ€•is in the unpublished Proceedings of the IJCAI'93 Workshop â€œConditionals in Knowledge Representationâ€• (ChambÃ©ry, France, August 30, 1993), pp. 81-86.. , 1994, , 170-177.		8
275	Qualitative reasoning with imprecise probabilities. Journal of Intelligent Information Systems, 1993, 2, 319-363.	2.8	48
276	On Possibility/Probability Transformations. , 1993, , 103-112.		215
277	Belief change and possibility theory. , 1992, , 142-182.		73
278	When upper probabilities are possibility measures. Fuzzy Sets and Systems, 1992, 49, 65-74.	1.6	270
279	Gradual inference rules in approximate reasoning. Information Sciences, 1992, 61, 103-122.	4.0	217
280	Fuzzy rules in knowledge-based systems. , 1992, , 45-68.		33
281	The Semantics of Fuzzy â€œIf â€¦ Then â€¦â€•Rules. , 1992, , 3-16.		6
282	Fuzzy sets in approximate reasoning, Part 2: logical approaches. Fuzzy Sets and Systems, 1991, 40, 203-244.	1.6	216
283	Random sets and fuzzy interval analysis. Fuzzy Sets and Systems, 1991, 42, 87-101.	1.6	205
284	Epistemic entrenchment and possibilistic logic. Artificial Intelligence, 1991, 50, 223-239.	3.9	197
285	Vagueness, typicality, and uncertainty in class hierarchies. International Journal of Intelligent Systems, 1991, 6, 167-183.	3.3	147
286	Fuzzy sets in approximate reasoning, Part 1: Inference with possibility distributions. Fuzzy Sets and Systems, 1991, 40, 143-202.	1.6	703
287	Constraint Propagation with Imprecise Conditional Probabilities. , 1991, , 26-34.		35
288	A Logic of Graded Possibility and Certainty Coping with Partial Inconsistency. , 1991, , 188-196.		9

#	Article	IF	Citations
289	Timed Possibilistic Logic. Fundamenta Informaticae, 1991, 15, 211-234.	0.3	56
290	Consonant approximations of belief functions. International Journal of Approximate Reasoning, 1990, 4, 419-449.	1.9	149
291	Resolution principles in possibilistic logic. International Journal of Approximate Reasoning, 1990, 4, 1-21.	1.9	79
292	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
293	Aggregation of Possibility Measures. , 1990, , 55-63.		29
294	Fuzzy sets, probability and measurement. European Journal of Operational Research, 1989, 40, 135-154.	3.5	186
295	On fuzzy syllogisms. Computational Intelligence, 1988, 4, 171-179.	2.1	80
296	Representation and combination of uncertainty with belief functions and possibility measures. Computational Intelligence, 1988, 4, 244-264.	2.1	581
297	Weighted fuzzy pattern matching. Fuzzy Sets and Systems, 1988, 28, 313-331.	1.6	291
298	Possibility Theory. , 1988, , .		1,869
299	Decision Evaluation Methods Under Uncertainty and Imprecision. Lecture Notes in Economics and Mathematical Systems, 1988, , 48-65.	0.3	13
300	The mean value of a fuzzy number. Fuzzy Sets and Systems, 1987, 24, 279-300.	1.6	645
301	Twofold fuzzy sets and rough setsâ€"Some issues in knowledge representation. Fuzzy Sets and Systems, 1987, 23, 3-18.	1.6	195
302	Properties of measures of information in evidence and possibility theories. Fuzzy Sets and Systems, 1987, 24, 161-182.	1.6	164
303	Necessity Measures and the Resolution Principle. IEEE Transactions on Systems, Man, and Cybernetics, 1987, 17, 474-478.	0.9	104
304	A SET-THEORETIC VIEW OF BELIEF FUNCTIONS Logical operations and approximations by fuzzy setsâ€. International Journal of General Systems, 1986, 12, 193-226.	1.2	333
305	On the unicity of dempster rule of combination. International Journal of Intelligent Systems, 1986, 1, 133-142.	3.3	127
306	Fuzzy sets and statistical data. European Journal of Operational Research, 1986, 25, 345-356.	3.5	173

#	Article	IF	Citations
307	Fuzzy cardinality and the modeling of imprecise quantification. Fuzzy Sets and Systems, 1985, 16, 199-230.	1.6	175
308	Evidence measures based on fuzzy information. Automatica, 1985, 21, 547-562.	3.0	125
309	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
310	Unfair coins and necessity measures: Towards a possibilistic interpretation of histograms. Fuzzy Sets and Systems, 1983, 10, 15-20.	1.6	240
311	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
312	Towards fuzzy differential calculus part 2: Integration on fuzzy intervals. Fuzzy Sets and Systems, 1982, 8, 105-116.	1.6	132
313	Towards fuzzy differential calculus part 3: Differentiation. Fuzzy Sets and Systems, 1982, 8, 225-233.	1.6	477
314	Systems of linear fuzzy constraints. Fuzzy Sets and Systems, 1980, 3, 37-48.	1.6	273
315	New Results about Properties and Semantics of Fuzzy Set-Theoretic Operators. , 1980, , 59-75.		77
316	Fuzzy real algebra: Some results. Fuzzy Sets and Systems, 1979, 2, 327-348.	1.6	352
317	Using fuzzy set theory in a scheduling problem: A case study. Fuzzy Sets and Systems, 1979, 2, 153-165.	1.6	168
318	Operations in a fuzzy-valued logic. Information and Control, 1979, 43, 224-240.	1.3	148
319	Operations on fuzzy numbers. International Journal of Systems Science, 1978, 9, 613-626.	3.7	2,109
320	Conjoint Measurement Models for Preference Relations. , 0, , 617-672.		3