

Guillermo Ricardo Simari

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

1,941
citations

21
h-index

42
g-index

114
ext. papers

2,159
ext. citations

2.2
avg, IF

4.84
L-index

#	Paper	IF	Citations
112	Defeasible logic programming: an argumentative approach. <i>Theory and Practice of Logic Programming</i> , 2004 , 4, 95-138	0.8	360
111	A mathematical treatment of defeasible reasoning and its implementation. <i>Artificial Intelligence</i> , 1992 , 53, 125-157	3.6	296
110	Towards an argument interchange format. <i>Knowledge Engineering Review</i> , 2006 , 21, 293-316	2.1	155
109	Introduction to structured argumentation. <i>Argument and Computation</i> , 2014 , 5, 1-4	0.8	65
108	A logic programming framework for possibilistic argumentation: Formalization and logical properties. <i>Fuzzy Sets and Systems</i> , 2008 , 159, 1208-1228	3.7	65
107	Towards Artificial Argumentation. <i>AI Magazine</i> , 2017 , 38, 25-36	6.1	60
106	Explanations, belief revision and defeasible reasoning. <i>Artificial Intelligence</i> , 2002 , 141, 1-28	3.6	54
105	Computing Generalized Specificity. <i>Journal of Applied Non-Classical Logics</i> , 2003 , 13, 87-113	0.5	49
104	Argument-based mixed recommenders and their application to movie suggestion. <i>Expert Systems With Applications</i> , 2014 , 41, 6467-6482	7.8	45
103	Defeasible logic programming: DeLP-servers, contextual queries, and explanations for answers. <i>Argument and Computation</i> , 2014 , 5, 63-88	0.8	35
102	Formalizing argumentative reasoning in a possibilistic logic programming setting with fuzzy unification. <i>International Journal of Approximate Reasoning</i> , 2008 , 48, 711-729	3.6	35
101	Argumentation and the Dynamics of Warranted Beliefs in Changing Environments. <i>Autonomous Agents and Multi-Agent Systems</i> , 2005 , 11, 127-151	2	32
100	A survey of different approaches to support in argumentation systems. <i>Knowledge Engineering Review</i> , 2014 , 29, 513-550	2.1	31
99	Temporal Defeasible Reasoning. <i>Knowledge and Information Systems</i> , 2001 , 3, 287-318	2.4	31
98	Formalizing dialectical explanation support for argument-based reasoning in knowledge-based systems. <i>Expert Systems With Applications</i> , 2013 , 40, 3233-3247	7.8	29
97	The Added Value of Argumentation 2013 , 357-403		28
96	REASONING WITH INCONSISTENT ONTOLOGIES THROUGH ARGUMENTATION. <i>Applied Artificial Intelligence</i> , 2010 , 24, 102-148	2.3	26

95	Prioritized and Non-prioritized Multiple Change on Belief Bases. <i>Journal of Philosophical Logic</i> , 2012 , 41, 77-113	0.7	25
94	ONTOarg: A decision support framework for ontology integration based on argumentation. <i>Expert Systems With Applications</i> , 2013 , 40, 1858-1870	7.8	25
93	On the evolving relation between Belief Revision and Argumentation. <i>Knowledge Engineering Review</i> , 2011 , 26, 35-43	2.1	22
92	Argument-based critics and recommenders: A qualitative perspective on user support systems. <i>Data and Knowledge Engineering</i> , 2006 , 59, 293-319	1.5	22
91	Aggregation of Attack Relations: A Social-Choice Theoretical Analysis of Defeasibility Criteria 2008 , 8-23		21
90	Belief Revision and Argumentation Theory 2009 , 341-360		19
89	On the revision of informant credibility orders. <i>Artificial Intelligence</i> , 2014 , 212, 36-58	3.6	17
88	An approach to decision making based on dynamic argumentation systems. <i>Artificial Intelligence</i> , 2017 , 242, 107-131	3.6	16
87	An approach to abstract argumentation with recursive attack and support. <i>Journal of Applied Logic</i> , 2015 , 13, 509-533		16
86	Relational databases as a massive information source for defeasible argumentation. <i>Knowledge-Based Systems</i> , 2013 , 51, 93-109	7.3	15
85	Computing Dialectical Trees Efficiently in Possibilistic Defeasible Logic Programming. <i>Lecture Notes in Computer Science</i> , 2005 , 158-171	0.9	15
84	Improving argumentation-based recommender systems through context-adaptable selection criteria. <i>Expert Systems With Applications</i> , 2015 , 42, 8243-8258	7.8	13
83	An Argumentative Reasoning Service for Deliberative Agents 2007 , 128-139		13
82	Research challenges for argumentation. <i>Computer Science - Research and Development</i> , 2009 , 23, 27-34		12
81	Bipolarity in temporal argumentation frameworks. <i>International Journal of Approximate Reasoning</i> , 2017 , 84, 1-22	3.6	11
80	Modeling knowledge dynamics in multi-agent systems based on informants. <i>Knowledge Engineering Review</i> , 2012 , 27, 87-114	2.1	11
79	Defeasible Reasoning and Partial Order Planning 2008 , 311-328		11
78	Arguing about informant credibility in open multi-agent systems. <i>Artificial Intelligence</i> , 2018 , 259, 91-109	3.6	10

77	Modelling argument accrual with possibilistic uncertainty in a logic programming setting. <i>Information Sciences</i> , 2013 , 228, 1-25	7.7	10
76	A possibilistic defeasible logic programming approach to argumentation-based decision-making. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2014 , 26, 519-550	2	10
75	Modelling Inference in Argumentation through Labelled Deduction: Formalization and Logical Properties. <i>Logica Universalis</i> , 2007 , 1, 93-124	0.3	9
74	Modelling Argument Accrual in Possibilistic Defeasible Logic Programming. <i>Lecture Notes in Computer Science</i> , 2009 , 131-143	0.9	9
73	An approach to characterize graded entailment of arguments through a label-based framework. <i>International Journal of Approximate Reasoning</i> , 2017 , 82, 242-269	3.6	8
72	Modeling time and valuation in structured argumentation frameworks. <i>Information Sciences</i> , 2015 , 290, 22-44	7.7	8
71	Dynamics of knowledge in DeLP through Argument Theory Change. <i>Theory and Practice of Logic Programming</i> , 2013 , 13, 893-957	0.8	8
70	DEFEASIBLE REASONING IN WEB-BASED FORMS THROUGH ARGUMENTATION. <i>International Journal of Information Technology and Decision Making</i> , 2008 , 07, 71-101	2.8	8
69	Datalog+- Ontology Consolidation. <i>Journal of Artificial Intelligence Research</i> , 2006 , 26, 613-656	4	8
68	Dialectical Explanations in Defeasible Argumentation. <i>Lecture Notes in Computer Science</i> , 2007 , 295-307	0.9	8
67	A generalized abstract argumentation framework for inconsistency-tolerant ontology reasoning. <i>Expert Systems With Applications</i> , 2016 , 64, 141-168	7.8	7
66	Stratified Belief Bases Revision with Argumentative Inference. <i>Journal of Philosophical Logic</i> , 2013 , 42, 161-193	0.7	7
65	Incremental computation of warranted arguments in dynamic defeasible argumentation 2018 ,		6
64	Argument-Based Expansion Operators in Possibilistic Defeasible Logic Programming: Characterization and Logical Properties. <i>Lecture Notes in Computer Science</i> , 2005 , 353-365	0.9	6
63	Inconsistency-Tolerant Reasoning in Datalog(^{pm}) Ontologies via an Argumentative Semantics. <i>Lecture Notes in Computer Science</i> , 2014 , 15-27	0.9	6
62	Planning and defeasible reasoning 2007 ,		5
61	Backing and Undercutting in Defeasible Logic Programming. <i>Lecture Notes in Computer Science</i> , 2011 , 50-61	0.9	5
60	Backing and Undercutting in Abstract Argumentation Frameworks. <i>Lecture Notes in Computer Science</i> , 2012 , 107-123	0.9	5

59	Argument-based Logic Programming 2009 , 153-171		5
58	Sharing beliefs among agents with different degrees of credibility. <i>Knowledge and Information Systems</i> , 2017 , 50, 999-1031	2.4	4
57	A labeled argumentation framework. <i>Journal of Applied Logic</i> , 2015 , 13, 534-553		4
56	How does incoherence affect inconsistency-tolerant semantics for Datalog \sqcap ?. <i>Annals of Mathematics and Artificial Intelligence</i> , 2018 , 82, 43-68	0.8	4
55	A structured argumentation system with backing and undercutting. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 49, 149-166	7.2	4
54	Characterizing acceptability semantics of argumentation frameworks with recursive attack and support relations. <i>Artificial Intelligence</i> , 2018 , 262, 336-368	3.6	4
53	Using argument strength for building dialectical bonsai. <i>Annals of Mathematics and Artificial Intelligence</i> , 2013 , 69, 103-129	0.8	4
52	The foundations of DeLP: defeating relations, games and truth values. <i>Annals of Mathematics and Artificial Intelligence</i> , 2009 , 57, 181-204	0.8	4
51	An Argument-Based Framework to Model an Agent's Beliefs in a Dynamic Environment. <i>Lecture Notes in Computer Science</i> , 2005 , 95-110	0.9	4
50	Hypotheses and their dynamics in legal argumentation. <i>Expert Systems With Applications</i> , 2019 , 129, 37-558		3
49	Defeasible argumentation over relational databases. <i>Argument and Computation</i> , 2017 , 8, 35-59	0.8	3
48	Introducing Argument & Computation. <i>Argument and Computation</i> , 2010 , 1, 1-5	0.8	3
47	A Brief Overview of Research in Argumentation Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 81-95	0.9	3
46	A Novel Algorithm for Indirect Reputation-Based Grid Resource Management 2007 ,		3
45	Progressive Defeat Paths in Abstract Argumentation Frameworks. <i>Lecture Notes in Computer Science</i> , 2006 , 242-253	0.9	3
44	Modelling Shared Knowledge and Shared Knowledge Awareness in CSCL Scenarios Through Automated Argumentation Systems. <i>Lecture Notes in Computer Science</i> , 2007 , 207-222	0.9	3
43	Selective Revision by Deductive Argumentation. <i>Lecture Notes in Computer Science</i> , 2012 , 147-162	0.9	3
42	Consistent Query Answering Using Relational Databases through Argumentation. <i>Lecture Notes in Computer Science</i> , 2012 , 1-15	0.9	3

41	An Application of Defeasible Logic Programming for Firewall Verification and Reconfiguration. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2013 , 527-542	0.2	3
40	Extending DeLP with Attack and Support for Defeasible Rules. <i>Lecture Notes in Computer Science</i> , 2010 , 90-99	0.9	3
39	An approach to generalizing the handling of preferences in argumentation-based decision-making systems. <i>Knowledge-Based Systems</i> , 2020 , 189, 105112	7.3	3
38	Similarity notions in bipolar abstract argumentation. <i>Argument and Computation</i> , 2020 , 11, 103-149	0.8	3
37	Belief change and argumentation in multi-agent scenarios. <i>Annals of Mathematics and Artificial Intelligence</i> , 2016 , 78, 177-179	0.8	3
36	Proximity semantics for topic-based abstract argumentation. <i>Information Sciences</i> , 2020 , 508, 135-153	7.7	3
35	An Application of Defeasible Logic Programming to Decision Making in a Robotic Environment 2007 , 297-302		2
34	On Defense Strength of Blocking Defeaters in Admissible Sets 2007 , 140-152		2
33	Defeasible Argumentation Support for an Extended BDI Architecture 2007 , 145-163		2
32	Generalized Abstract Argumentation: Handling Arguments in FOL Fragments. <i>Lecture Notes in Computer Science</i> , 2009 , 144-155	0.9	2
31	A Proposal for Making Argumentation Computationally Capable of Handling Large Repositories of Uncertain Data. <i>Lecture Notes in Computer Science</i> , 2009 , 95-110	0.9	2
30	Query-Based Argumentation in Agent Programming. <i>Lecture Notes in Computer Science</i> , 2010 , 284-295	0.9	2
29	Dynamic Argumentation in Abstract Dialogue Frameworks. <i>Lecture Notes in Computer Science</i> , 2011 , 228-247	0.9	2
28	Acceptability in Timed Frameworks with Intermittent Arguments. <i>International Federation for Information Processing</i> , 2011 , 202-211		2
27	Development of CSCW Interfaces from a User-Centered Viewpoint: Extending the TOUCHE Process Model through Defeasible Argumentation. <i>Lecture Notes in Computer Science</i> , 2009 , 955-964	0.9	2
26	Semantically Characterizing Collaborative Behavior in an Abstract Dialogue Framework. <i>Lecture Notes in Computer Science</i> , 2010 , 173-190	0.9	2
25	A Change Model for Credibility Partial Order. <i>Lecture Notes in Computer Science</i> , 2011 , 317-330	0.9	2
24	An AIF-Based Labeled Argumentation Framework. <i>Lecture Notes in Computer Science</i> , 2014 , 117-135	0.9	2

23	A Comparative Study of Some Central Notions of ASPIC+ and DeLP. <i>Theory and Practice of Logic Programming</i> , 2020 , 20, 358-390	0.8	2
22	An informant-based approach to argument strength in Defeasible Logic Programming. <i>Argument and Computation</i> , 2021 , 12, 115-147	0.8	2
21	Belief base contraction by belief accrual. <i>Artificial Intelligence</i> , 2019 , 275, 78-103	3.6	1
20	Multi-source multiple change on belief bases. <i>International Journal of Approximate Reasoning</i> , 2019 , 110, 145-163	3.6	1
19	Beyond admissibility: accepting cycles in argumentation with game protocols for cogency criteria. <i>Journal of Logic and Computation</i> , 2016 , 26, 1235-1255	0.4	1
18	An Alternative Foundation for DeLP: Defeating Relations and Truth Values 2008 , 42-57		1
17	A Heuristics-Based Pruning Technique for Argumentation Trees. <i>Lecture Notes in Computer Science</i> , 2011 , 177-190	0.9	1
16	An Approach to Argumentation Considering Attacks through Time. <i>Lecture Notes in Computer Science</i> , 2012 , 99-112	0.9	1
15	Argument-based User Support Systems using Defeasible Logic Programming 2006 , 61-69		1
14	Making Argument Systems Computationally Attractive: Argument Construction and Maintenance 1994 , 327-336		1
13	Towards Argument Representational Tools for Hybrid Argumentation Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 236-245	0.9	0
12	Merging existential rules programs in multi-agent contexts through credibility accrual. <i>Information Sciences</i> , 2021 , 555, 236-259	7.7	0
11	Incremental computation for structured argumentation over dynamic DeLP knowledge bases. <i>Artificial Intelligence</i> , 2021 , 300, 103553	3.6	0
10	Foreword to special issue for ISAIM 2018. <i>Annals of Mathematics and Artificial Intelligence</i> , 2020 , 88, 687-689		0
9	Negotiation Among DDeLP Agents. <i>Lecture Notes in Computer Science</i> , 2005 , 223-233	0.9	
8	Focusing the Argumentative Process: Neighborhood-Based Semantics in Abstract Argumentation. <i>Lecture Notes in Computer Science</i> , 2021 , 20-39	0.9	
7	Representing Defaults and Negative Information Without Negation-as-Failure. <i>Lecture Notes in Computer Science</i> , 2006 , 437-451	0.9	
6	A Half-Way Semantics toward Collaborative Behavior in Interagent Dialogues. <i>Lecture Notes in Computer Science</i> , 2010 , 356-365	0.9	

- 5 An Argument-Based Multi-agent System for Information Integration. *Lecture Notes in Computer Science*, **2011**, 171-189 0.9
- 4 A Petri Net Model of Argumentation Dynamics. *Lecture Notes in Computer Science*, **2014**, 237-250 0.9
- 3 A Labeled Abstract Bipolar Argumentation Framework. *Lecture Notes in Computer Science*, **2014**, 28-40 0.9
- 2 Introduction to the special issue on belief revision, argumentation, ontologies, and norms. *Annals of Mathematics and Artificial Intelligence*, **2019**, 87, 185-186 0.8
- 1 An Argumentative Recommendation Approach Based on Contextual Aspects. *Lecture Notes in Computer Science*, **2018**, 405-412 0.9