Guillermo Ricardo Simari

List of Publications by Year in Descending Order

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	Focusing the Argumentative Process: Neighborhood-Based Semantics in Abstract Argumentation. *Lecture Notes in Computer Science*, **2021**, 20-39	0.9	
111	An informant-based approach to argument strength in Defeasible Logic Programming. *Argument and Computation*, **2021**, 12, 115-147	0.8	2
110	Merging existential rules programs in multi-agent contexts through credibility accrual. *Information Sciences*, **2021**, 555, 236-259	7.7	0
109	Incremental computation for structured argumentation over dynamic DeLP knowledge bases. *Artificial Intelligence*, **2021**, 300, 103553	3.6	0
108	Foreword to special issue for ISAIM 2018. *Annals of Mathematics and Artificial Intelligence*, **2020**, 88, 687-689	0.8	
107	An approach to generalizing the handling of preferences in argumentation-based decision-making systems. *Knowledge-Based Systems*, **2020**, 189, 105112	7.3	3
106	Similarity notions in bipolar abstract argumentation. *Argument and Computation*, **2020**, 11, 103-149	0.8	3
105	A Comparative Study of Some Central Notions of ASPIC+ and DeLP. *Theory and Practice of Logic Programming*, **2020**, 20, 358-390	0.8	2
104	Proximity semantics for topic-based abstract argumentation. *Information Sciences*, **2020**, 508, 135-153	7.7	3
103	Belief base contraction by belief accrual. *Artificial Intelligence*, **2019**, 275, 78-103	3.6	1
102	Multi-source multiple change on belief bases. *International Journal of Approximate Reasoning*, **2019**, 110, 145-163	3.6	1
101	Hypotheses and their dynamics in legal argumentation. *Expert Systems With Applications*, **2019**, 129, 37-55	7.8	3
100	Introduction to the special issue on belief revision, argumentation, ontologies, and norms. *Annals of Mathematics and Artificial Intelligence*, **2019**, 87, 185-186	0.8	
99	Arguing about informant credibility in open multi-agent systems. *Artificial Intelligence*, **2018**, 259, 91-109	3.6	10
98	How does incoherence affect inconsistency-tolerant semantics for Datalog?. *Annals of Mathematics and Artificial Intelligence*, **2018**, 82, 43-68	0.8	4
97	Characterizing acceptability semantics of argumentation frameworks with recursive attack and support relations. *Artificial Intelligence*, **2018**, 262, 336-368	3.6	4
96	Incremental computation of warranted arguments in dynamic defeasible argumentation **2018**,		6

#	Reference		
95	An Argumentative Recommendation Approach Based on Contextual Aspects. *Lecture Notes in Computer Science*, **2018**, 405-412	0.9	
94	Sharing beliefs among agents with different degrees of credibility. *Knowledge and Information Systems*, **2017**, 50, 999-1031	2.4	4
93	Bipolarity in temporal argumentation frameworks. *International Journal of Approximate Reasoning*, **2017**, 84, 1-22	3.6	11
92	An approach to characterize graded entailment of arguments through a label-based framework. *International Journal of Approximate Reasoning*, **2017**, 82, 242-269	3.6	8
91	Defeasible argumentation over relational databases. *Argument and Computation*, **2017**, 8, 35-59	0.8	3
90	Towards Artificial Argumentation. *AI Magazine*, **2017**, 38, 25-36	6.1	60
89	An approach to decision making based on dynamic argumentation systems. *Artificial Intelligence*, **2017**, 242, 107-131	3.6	16
88	A generalized abstract argumentation framework for inconsistency-tolerant ontology reasoning. *Expert Systems With Applications*, **2016**, 64, 141-168	7.8	7
87	Beyond admissibility: accepting cycles in argumentation with game protocols for cogency criteria. *Journal of Logic and Computation*, **2016**, 26, 1235-1255	0.4	1
86	A structured argumentation system with backing and undercutting. *Engineering Applications of Artificial Intelligence*, **2016**, 49, 149-166	7.2	4
85	Belief change and argumentation in multi-agent scenarios. *Annals of Mathematics and Artificial Intelligence*, **2016**, 78, 177-179	0.8	3
84	Improving argumentation-based recommender systems through context-adaptable selection criteria. *Expert Systems With Applications*, **2015**, 42, 8243-8258	7.8	13
83	A labeled argumentation framework. *Journal of Applied Logic*, **2015**, 13, 534-553		4
82	Modeling time and valuation in structured argumentation frameworks. *Information Sciences*, **2015**, 290, 22-44	7.7	8
81	An approach to abstract argumentation with recursive attack and support. *Journal of Applied Logic*, **2015**, 13, 509-533		16
80	Introduction to structured argumentation. *Argument and Computation*, **2014**, 5, 1-4	0.8	65
79	On the revision of informant credibility orders. *Artificial Intelligence*, **2014**, 212, 36-58	3.6	17
78	Argument-based mixed recommenders and their application to movie suggestion. *Expert Systems With Applications*, **2014**, 41, 6467-6482	7.8	45

77	Defeasible logic programming: DeLP-servers, contextual queries, and explanations for answers. *Argument and Computation*, **2014**, 5, 63-88	0.8	35
76	A survey of different approaches to support in argumentation systems. *Knowledge Engineering Review*, **2014**, 29, 513-550	2.1	31
75	A possibilistic defeasible logic programming approach to argumentation-based decision-making. *Journal of Experimental and Theoretical Artificial Intelligence*, **2014**, 26, 519-550	2	10
74	Inconsistency-Tolerant Reasoning in Datalog(^{pm }) Ontologies via an Argumentative Semantics. *Lecture Notes in Computer Science*, **2014**, 15-27	0.9	6
73	A Petri Net Model of Argumentation Dynamics. *Lecture Notes in Computer Science*, **2014**, 237-250	0.9	
72	An AIF-Based Labeled Argumentation Framework. *Lecture Notes in Computer Science*, **2014**, 117-135	0.9	2
71	A Labeled Abstract Bipolar Argumentation Framework. *Lecture Notes in Computer Science*, **2014**, 28-40	0.9	
70	ONTOarg: A decision support framework for ontology integration based on argumentation. *Expert Systems With Applications*, **2013**, 40, 1858-1870	7.8	25
69	Relational databases as a massive information source for defeasible argumentation. *Knowledge-Based Systems*, **2013**, 51, 93-109	7.3	15
68	Using argument strength for building dialectical bonsai. *Annals of Mathematics and Artificial Intelligence*, **2013**, 69, 103-129	0.8	4
67	Stratified Belief Bases Revision with Argumentative Inference. *Journal of Philosophical Logic*, **2013**, 42, 161-193	0.7	7
66	Formalizing dialectical explanation support for argument-based reasoning in knowledge-based systems. *Expert Systems With Applications*, **2013**, 40, 3233-3247	7.8	29
65	Modelling argument accrual with possibilistic uncertainty in a logic programming setting. *Information Sciences*, **2013**, 228, 1-25	7.7	10
64	Dynamics of knowledge in DeLP through Argument Theory Change. *Theory and Practice of Logic Programming*, **2013**, 13, 893-957	0.8	8
63	An Application of Defeasible Logic Programming for Firewall Verification and Reconfiguration. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2013**, 527-542	0.2	3
62	The Added Value of Argumentation **2013**, 357-403		28
61	Prioritized and Non-prioritized Multiple Change on Belief Bases. *Journal of Philosophical Logic*, **2012**, 41, 77-113	0.7	25
60	Modeling knowledge dynamics in multi-agent systems based on informants. *Knowledge Engineering Review*, **2012**, 27, 87-114	2.1	11

59	Backing and Undercutting in Abstract Argumentation Frameworks. *Lecture Notes in Computer Science*, **2012**, 107-123	0.9	5
58	Selective Revision by Deductive Argumentation. *Lecture Notes in Computer Science*, **2012**, 147-162	0.9	3
57	Consistent Query Answering Using Relational Databases through Argumentation. *Lecture Notes in Computer Science*, **2012**, 1-15	0.9	3
56	An Approach to Argumentation Considering Attacks through Time. *Lecture Notes in Computer Science*, **2012**, 99-112	0.9	1
55	A Brief Overview of Research in Argumentation Systems. *Lecture Notes in Computer Science*, **2011**, 81-95	0.9	3
54	On the evolving relation between Belief Revision and Argumentation. *Knowledge Engineering Review*, **2011**, 26, 35-43	2.1	22
53	Dynamic Argumentation in Abstract Dialogue Frameworks. *Lecture Notes in Computer Science*, **2011**, 228-247	0.9	2
52	Backing and Undercutting in Defeasible Logic Programming. *Lecture Notes in Computer Science*, **2011**, 50-61	0.9	5
51	Acceptability in Timed Frameworks with Intermittent Arguments. *International Federation for Information Processing*, **2011**, 202-211		2
50	A Heuristics-Based Pruning Technique for Argumentation Trees. *Lecture Notes in Computer Science*, **2011**, 177-190	0.9	1
49	A Change Model for Credibility Partial Order. *Lecture Notes in Computer Science*, **2011**, 317-330	0.9	2
48	An Argument-Based Multi-agent System for Information Integration. *Lecture Notes in Computer Science*, **2011**, 171-189	0.9	
47	Towards Argument Representational Tools for Hybrid Argumentation Systems. *Lecture Notes in Computer Science*, **2011**, 236-245	0.9	0
46	REASONING WITH INCONSISTENT ONTOLOGIES THROUGH ARGUMENTATION. *Applied Artificial Intelligence*, **2010**, 24, 102-148	2.3	26
45	IntroducingArgument & Computation. *Argument and Computation*, **2010**, 1, 1-5	0.8	3
44	Query-Based Argumentation in Agent Programming. *Lecture Notes in Computer Science*, **2010**, 284-295	0.9	2
43	Semantically Characterizing Collaborative Behavior in an Abstract Dialogue Framework. *Lecture Notes in Computer Science*, **2010**, 173-190	0.9	2
42	A Half-Way Semantics toward Collaborative Behavior in Interagent Dialogues. *Lecture Notes in Computer Science*, **2010**, 356-365	0.9	

#	Publication	IF	Cites
23	An Application of Defeasible Logic Programming to Decision Making in a Robotic Environment **2007**, 297-302		2
22	Modelling Shared Knowledge and Shared Knowledge Awareness in CSCL Scenarios Through Automated Argumentation Systems. *Lecture Notes in Computer Science*, **2007**, 207-222	0.9	3
21	Dialectical Explanations in Defeasible Argumentation. *Lecture Notes in Computer Science*, **2007**, 295-307	0.9	8
20	An Argumentative Reasoning Service for Deliberative Agents **2007**, 128-139		13
19	On Defense Strength of Blocking Defeaters in Admissible Sets **2007**, 140-152		2
18	Defeasible Argumentation Support for an Extended BDI Architecture **2007**, 145-163		2
17	Towards an argument interchange format. *Knowledge Engineering Review*, **2006**, 21, 293-316	2.1	155
16	Argument-based critics and recommenders: A qualitative perspective on user support systems. *Data and Knowledge Engineering*, **2006**, 59, 293-319	1.5	22
15	Progressive Defeat Paths in Abstract Argumentation Frameworks. *Lecture Notes in Computer Science*, **2006**, 242-253	0.9	3
14	Representing Defaults and Negative Information Without Negation-as-Failure. *Lecture Notes in Computer Science*, **2006**, 437-451	0.9	
13	Argument-based User Support Systems using Defeasible Logic Programming **2006**, 61-69		1
12	Argument-Based Expansion Operators in Possibilistic Defeasible Logic Programming: Characterization and Logical Properties. *Lecture Notes in Computer Science*, **2005**, 353-365	0.9	6
11	Negotiation Among DDeLP Agents. *Lecture Notes in Computer Science*, **2005**, 223-233	0.9	
10	Argumentation and the Dynamics of Warranted Beliefs in Changing Environments. *Autonomous Agents and Multi-Agent Systems*, **2005**, 11, 127-151	2	32
9	An Argument-Based Framework to Model an Agent's Beliefs in a Dynamic Environment. *Lecture Notes in Computer Science*, **2005**, 95-110	0.9	4
8	Computing Dialectical Trees Efficiently in Possibilistic Defeasible Logic Programming. *Lecture Notes in Computer Science*, **2005**, 158-171	0.9	15
7	Defeasible logic programming: an argumentative approach. *Theory and Practice of Logic Programming*, **2004**, 4, 95-138	0.8	360
6	Computing Generalized Specificity. *Journal of Applied Non-Classical Logics*, **2003**, 13, 87-113	0.5	49

5	Explanations, belief revision and defeasible reasoning. *Artificial Intelligence*, **2002**, 141, 1-28	3.6	54
4	Temporal Defeasible Reasoning. *Knowledge and Information Systems*, **2001**, 3, 287-318	2.4	31
3	Making Argument Systems Computationally Attractive: Argument Construction and Maintenance **1994**, 327-336		1
2	A mathematical treatment of defeasible reasoning and its implementation. *Artificial Intelligence*, **1992**, 53, 125-157	3.6	296
1	Datalog+- Ontology Consolidation. *Journal of Artificial Intelligence Research*,56, 613-656	4	8