

Simon Parsons

List of Publications by Year in descending order

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98
papers

2,433
citations

304743

22
h-index

233421

45
g-index

104
all docs

104
docs citations

104
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Argumentation-based negotiation. Knowledge Engineering Review, 2003, 18, 343-375.	2.6	385
2	Weighted argument systems: Basic definitions, algorithms, and complexity results. Artificial Intelligence, 2011, 175, 457-486.	5.8	179
3	Games That Agents Play: A Formal Framework for Dialogues between Autonomous Agents. Journal of Logic, Language and Information, 2002, 11, 315-334.	0.6	172
4	A framework for argumentation-based negotiation. Lecture Notes in Computer Science, 1998, , 177-192.	1.3	141
5	The eightfold way of deliberation dialogue. International Journal of Intelligent Systems, 2007, 22, 95-132.	5.7	99
6	A Dialogue Game Protocol for Agent Purchase Negotiations. Autonomous Agents and Multi-Agent Systems, 2003, 7, 235-273.	2.1	96
7	A temporal constraint structure for extracting temporal information from clinical narrative. Journal of Biomedical Informatics, 2006, 39, 424-439.	4.3	66
8	Dialogue Games for Agent Argumentation. , 2009, , 261-280.		66
9	Evolutionary mechanism design: a review. Autonomous Agents and Multi-Agent Systems, 2010, 21, 237-264.	2.1	62
10	Representing Epistemic Uncertainty by Means of Dialectical Argumentation. Annals of Mathematics and Artificial Intelligence, 2001, 32, 125-169.	1.3	56
11	Soft computing: fuzzy logic, neural networks and distributed artificial intelligence by F. Aminzadeh and M. Jamshidi (Eds.), PTR Prentice Hall, Englewood Cliffs, NJ, pp 301, ISBN 0-13-146234-2.. Knowledge Engineering Review, 1996, 11, 197-197.	2.6	55
12	Arguing about beliefs and actions. Lecture Notes in Computer Science, 1998, , 266-302.	1.3	42
13	A Review of Uncertainty Handling Formalisms. Lecture Notes in Computer Science, 1998, , 8-37.	1.3	41
14	Forecasting market demand for new telecommunications services: an introduction. Telematics and Informatics, 2002, 19, 225-249.	5.8	38
15	The Evaluation of a Temporal Reasoning System in Processing Clinical Discharge Summaries. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 99-106.	4.4	38
16	Argumentation-Based Dialogues for Agent Co-Ordination. Group Decision and Negotiation, 2003, 12, 415-439.	3.3	37
17	The theory and practice of intention reconsideration. Journal of Experimental and Theoretical Artificial Intelligence, 2004, 16, 261-293.	2.8	36
18	Modeling Electronic Discharge Summaries as a Simple Temporal Constraint Satisfaction Problem. Journal of the American Medical Informatics Association: JAMIA, 2004, 12, 55-63.	4.4	34

#	ARTICLE	IF	CITATIONS
19	MODEL CHECKING FOR MULTIAGENT SYSTEMS: THE MABLE LANGUAGE AND ITS APPLICATIONS. International Journal on Artificial Intelligence Tools, 2006, 15, 195-225.	1.0	33
20	A formal framework for inter-agent dialogues. , 2001, , .		29
21	Co-evolutionary Auction Mechanism Design: A Preliminary Report. Lecture Notes in Computer Science, 2002, , 123-142.	1.3	25
22	Dialogue Game Protocols. Lecture Notes in Computer Science, 2003, , 269-283.	1.3	25
23	On the meta-logic of arguments. , 2005, , .		24
24	Argument schemes for reasoning about trust. Argument and Computation, 2014, 5, 160-190.	1.1	24
25	Argumentation in Multi-Agent Systems: Context and Recent Developments. Lecture Notes in Computer Science, 2007, , 1-16.	1.3	23
26	Locutions for Argumentation in Agent Interaction Protocols. Lecture Notes in Computer Science, 2005, , 209-225.	1.3	22
27	When Are Two Protocols the Same?. Lecture Notes in Computer Science, 2003, , 253-268.	1.3	22
28	Modelling deception using theory of mind in multi-agent systems. AI Communications, 2019, 32, 287-302.	1.2	20
29	What the 2007 TAC Market Design Game tells us about effective auction mechanisms. Autonomous Agents and Multi-Agent Systems, 2010, 21, 172-203.	2.1	19
30	Belief revision in structured probabilistic argumentation. Annals of Mathematics and Artificial Intelligence, 2016, 78, 259-301.	1.3	18
31	System architecture for temporal information extraction, representation and reasoning in clinical narrative reports. AMIA ... Annual Symposium proceedings, 2005, , 869-73.	0.2	18
32	Normative argumentation and qualitative probability. Lecture Notes in Computer Science, 1997, , 466-480.	1.3	16
33	Argumentation-Based Communication between Agents. Lecture Notes in Computer Science, 2003, , 164-178.	1.3	16
34	Explainable Argumentation for Wellness Consultation. Lecture Notes in Computer Science, 2019, , 186-202.	1.3	16
35	Intelligent Systems to Support Deliberative Democracy in Environmental Regulation. Information and Communications Technology Law, 2001, 10, 79-89.	1.5	15
36	A proof theoretic approach to qualitative probabilistic reasoning. International Journal of Approximate Reasoning, 1998, 19, 265-297.	3.3	14

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37	A Mathematical Model of Dialog. <i>Electronic Notes in Theoretical Computer Science</i> , 2005, 141, 33-48.	0.9	14
38	Evaluation of a trust-modulated argumentation-based interactive decision-making tool. <i>Autonomous Agents and Multi-Agent Systems</i> , 2016, 30, 136-173.	2.1	14
39	The Mechanics of Some Formal Inter-agent Dialogues. <i>Lecture Notes in Computer Science</i> , 2004, , 329-348.	1.3	14
40	Qualitative, semiquantitative and interval algebras, and their application to engineering problems. <i>Engineering Applications of Artificial Intelligence</i> , 1992, 5, 553-559.	8.1	13
41	A rough set approach to reasoning under uncertainty. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 1995, 7, 175-193.	2.8	13
42	Qualitative Probability and Order of Magnitude Reasoning. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2003, 11, 373-390.	1.9	13
43	On precise and correct qualitative probabilistic inference. <i>International Journal of Approximate Reasoning</i> , 2004, 35, 111-135.	3.3	13
44	Computer decision-support systems for public argumentation: assessing deliberative legitimacy. <i>AI and Society</i> , 2005, 19, 203-228.	4.6	13
45	The qualitative and semiquantitative analysis of environmental problems. <i>Environmental Software</i> , 1995, 10, 75-85.	0.3	12
46	Comparing Uncertainty Management Techniques. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 1994, 9, 367-383.	9.8	11
47	Chance discovery and scenario analysis. <i>New Generation Computing</i> , 2003, 21, 13-22.	3.3	11
48	Learning to stabilize the head of a quadrupedal robot with an artificial vestibular system. , 2009, , .		11
49	Argumentation logic to assist in security administration. , 2012, , .		11
50	How Agents Alter Their Beliefs After an Argumentation-Based Dialogue. <i>Lecture Notes in Computer Science</i> , 2006, , 297-312.	1.3	11
51	A first-order logic for reasoning under uncertainty using rough sets. <i>Journal of Intelligent Manufacturing</i> , 1994, 5, 211-223.	7.3	10
52	An Analysis of Entries in the First TAC Market Design Competition. , 2008, , .		10
53	A Denotational Semantics for Deliberation Dialogues. <i>Lecture Notes in Computer Science</i> , 2005, , 162-175.	1.3	9
54	Engineering Democracy in Open Agent Systems. <i>Lecture Notes in Computer Science</i> , 2004, , 66-80.	1.3	9

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55	Using Argumentation to Reason with and about Trust. Lecture Notes in Computer Science, 2012, , 194-212.	1.3	9
56	A characterization of types of support between structured arguments and their relationship with support in abstract argumentation. International Journal of Approximate Reasoning, 2018, 94, 76-104.	3.3	8
57	Argumentation and Qualitative Decision Making. Lecture Notes in Computer Science, 1999, , 328-339.	1.3	8
58	ASEMIQUAUTATIVE APPROACH TO REASONING IN PROBABILISTIC NETWORKS. Applied Artificial Intelligence, 1993, 7, 223-235.	3.2	7
59	When Is It Okay to Lie? A Simple Model of Contradiction in Agent-Based Dialogues. Lecture Notes in Computer Science, 2005, , 251-261.	1.3	7
60	New Types of Inter-agent Dialogues. Lecture Notes in Computer Science, 2006, , 154-168.	1.3	7
61	A Geometric Semantics for Dialogue Game Protocols for Autonomous Agent Interactions. Electronic Notes in Theoretical Computer Science, 2002, 52, 187-204.	0.9	6
62	Playinghide-and-seek. , 2014, , .		6
63	The evolution of deception. Royal Society Open Science, 2021, 8, 201032.	2.4	6
64	Using Belief Functions to Forecast Demand for Mobile Satellite Services. Studies in Fuzziness and Soft Computing, 2002, , 281-315.	0.8	6
65	On reasoning in networks with qualitative uncertainty. , 1993, , 435-442.		6
66	ON PROOFS IN SYSTEM P. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2000, 08, 203-233.	1.9	5
67	Auction Analysis by Normal Form Game Approximation. , 2008, , .		5
68	Argumentation schemes for clinical decision support. Argument and Computation, 2021, 12, 329-355.	1.1	5
69	A Model for Integrating Dialogue and the Execution of Joint Plans. Lecture Notes in Computer Science, 2010, , 60-78.	1.3	5
70	Learning strategies for task delegation in norm-governed environments. Autonomous Agents and Multi-Agent Systems, 2012, 25, 499-525.	2.1	4
71	Fuzzy temporal constraint networks for clinical information. AMIA ... Annual Symposium proceedings, 2008, , 374-8.	0.2	4
72	SOME ELEMENTS OF THE THEORY OF QUALITATIVE POSSIBILISTIC NETWORKS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1994, 02, 67-90.	1.9	3

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73	HYBRID MODELS OF UNCERTAINTY IN PROTEIN TOPOLOGY PREDICTION. Applied Artificial Intelligence, 1995, 9, 335-351.	3.2	3
74	On Argumentation with Purely Defeasible Rules. Lecture Notes in Computer Science, 2015, , 330-343.	1.3	3
75	Combining Social Choice Theory and Argumentation: Enabling Collective Decision Making. Group Decision and Negotiation, 2019, 28, 127-173.	3.3	3
76	The Posit Spaces Protocol for Multi-agent Negotiation. Lecture Notes in Computer Science, 2004, , 364-382.	1.3	3
77	Handling implicit and uncertain temporal information in medical text. AMIA ... Annual Symposium proceedings, 2006, , 1158.	0.2	3
78	Using interval algebras to model order of magnitude reasoning. Advanced Engineering Informatics, 1993, 8, 87-98.	0.5	2
79	A case study in the qualitative verification and debugging of numerical uncertainty. International Journal of Approximate Reasoning, 1996, 14, 187-216.	3.3	2
80	Firewall configuration: An application of multiagent metalevel argumentation. Argument and Computation, 2016, 7, 201-221.	1.1	2
81	Argumentation-Based Multi-agent Dialogues for Deliberation. Lecture Notes in Computer Science, 2006, , 229-244.	1.3	2
82	An Argumentation-Based Approach to Generate Domain-Specific Explanations. Lecture Notes in Computer Science, 2020, , 319-337.	1.3	2
83	Command Dialogues. Lecture Notes in Computer Science, 2009, , 93-106.	1.3	2
84	Agent Communications for Chance Discovery. , 2003, , 133-149.		2
85	Argumentation Strategies for Collaborative Plan Resourcing. Lecture Notes in Computer Science, 2012, , 154-173.	1.3	2
86	A quarter-century of <i>The Knowledge Engineering Review</i>: Introduction to the Special Issue. Knowledge Engineering Review, 2011, 26, 1-3.	2.6	1
87	The Use of Expert Systems for Toxicology Risk Prediction. , 2005, , 135-175.		1
88	Computational logic by JW Lloyd (Ed.), Springer-Verlag, 1990, pp 211, DM46.. Knowledge Engineering Review, 1991, 6, 361-363.	2.6	0
89	Catalogue of artificial intelligence techniques (3rd Edn) by Alan Bundy (Ed.), Springer-Verlag, 1990, pp 181, DM49.. Knowledge Engineering Review, 1991, 6, 360-361.	2.6	0
90	Knowledge representation: An AI perspective by Han Reichgelt. Knowledge Engineering Review, 1992, 7, 174-175.	2.6	0

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91	Competition between markets and the CAT Tournament: Guest editors's™ introduction to the special issue. <i>Electronic Commerce Research and Applications</i> , 2012, 11, 1-3.	5.0	0
92	Argumentation and Qualitative Probabilistic Reasoning Using the Kappa Calculus. <i>Lecture Notes in Computer Science</i> , 2001, , 680-691.	1.3	0
93	A Dialogue Mechanism for Public Argumentation Using Conversation Policies. <i>Lecture Notes in Computer Science</i> , 2009, , 217-235.	1.3	0
94	Computing Argumentation in Polynomial Number of BDD Operations: A Preliminary Report. <i>Lecture Notes in Computer Science</i> , 2011, , 268-285.	1.3	0
95	Argumentation Strategies for Task Delegation. <i>Lecture Notes in Computer Science</i> , 2012, , 80-96.	1.3	0
96	Using qualitative uncertainty in protein topology prediction. <i>Lecture Notes in Computer Science</i> , 1995, , 336-343.	1.3	0
97	A Genetic Algorithmic Approach to Automated Auction Mechanism Design. <i>Lecture Notes in Business Information Processing</i> , 2017, , 127-142.	1.0	0
98	Two Forms of Minimality in ASPIC \mathcal{A}^+ . <i>Lecture Notes in Computer Science</i> , 2018, , 203-218.	1.3	0