Helder Coelho

List of Publications by Year
in descending order

101 papers	536 citations	933447 10 h-index	888059 17 g-index
119 all docs	119 docs citations	119 times ranked	242 citing authors

#	ARTICLE	IF	CITATIONS
1	Automated reasoning in geometry theorem proving with Prolog. Journal of Automated Reasoning, 1986, 2, 329-390.	1.4	47
2	A multi-agent intelligent environment for medical knowledge. Artificial Intelligence in Medicine, 2003, 27, 335-366.	6.5	44
3	BDI Models and Systems: Reducing the Gap. Lecture Notes in Computer Science, 1999, , 11-27.	1.3	30
4	Temporal inferencing on administrative databases. Information Systems, 1985, 10, 197-206.	3.6	28
5	Prolog by Example. , 1988, , .		25
6	Bilateral contracting in multi-agent electricity markets: Negotiation strategies and a case study. , 2013, , .		20
7	Concession Strategies for Negotiating Bilateral Contracts in Multi-agent Electricity Markets. , 2012, , .		17
8	Requirements Analysis of Agent-Based Simulation Platforms: State of the Art and New Prospects. Lecture Notes in Computer Science, 2003, , 125-141.	1.3	15
9	Concession Behaviour in Automated Negotiation. Lecture Notes in Business Information Processing, 2010, , 184-194.	1.0	14
10	Bilateral Negotiation in a Multi-Agent Energy Market. Lecture Notes in Computer Science, 2009, , 655-664.	1.3	14
11	MACHINERY FOR ARTIFICIAL EMOTIONS. Cybernetics and Systems, 2001, 32, 465-506.	2.5	10
12	Negotiation Among Autonomous Agents: Experimental Evaluation of Integrative Strategies. , 2005, , .		10
13	On Legitimacy Feedback Mechanisms in Agent-Based Modeling of Civil Violence. International Journal of Intelligent Systems, 2016, 31, 106-127.	5.7	10
14	Exploratory apprenticeship in the digital age with AI tools. Progress in Artificial Intelligence, 2017, 6, 17-25.	2.4	10
15	Deliberation Process in a BDI Model with Bayesian Networks. Lecture Notes in Computer Science, 2009, , 207-218.	1.3	10
16	Man-machine communication in Portuguese: A friendly library service system. Information Systems, 1982, 7, 163-181.	3.6	9
17	Bilateral Negotiation in a Multi-agent Supply Chain System. Lecture Notes in Business Information Processing, 2010, , 195-206.	1.0	9
18	Agents that collude to evade taxes. , 2007, , .		8

#	Article	IF	Citations
19	Decision making with hybrid models: the case of collective and individual motivations. International Journal of Reasoning-based Intelligent Systems, 2010, 2, 60.	0.1	8
20	Tactical Exploration of Tax Compliance Decisions in Multi-agent Based Simulation. , 2006, , 80-95.		7
21	On Agent Interactions Governed by Morality. Advances in Human and Social Aspects of Technology Book Series, 2014, , 20-35.	0.3	7
22	COMMUNICATING KNOWLEDGE SYSTEMS: Part I—Big Talk among Small Systems. Applied Artificial Intelligence, 1987, 1, 233-260.	3.2	6
23	Emotion-based attention shift in autonomous agents. Lecture Notes in Computer Science, 1997, , 277-291.	1.3	6
24	Decisions Based upon Multiple Values: The BVG Agent Architecture. Lecture Notes in Computer Science, 1999, , 297-311.	1.3	6
25	Extending Social Reasoning to Cope with Multiple Partner Coalitions. Lecture Notes in Computer Science, 1999, , 175-187.	1.3	6
26	Context Switching versus Context Permeability in Multiple Social Networks. Lecture Notes in Computer Science, 2009, , 547-559.	1.3	6
27	From Mental States and Architectures to Agents' Programming. Lecture Notes in Computer Science, 1998, , 64-75.	1.3	6
28	PRAGMATIC ATTACHMENT DEVICES FOR CONVERSATIONS WITH TUTORS. Applied Artificial Intelligence, 1988, 2, 277-284.	3.2	5
29	Analyzing the Evolution of Social Exchange Strategies in Social Preference-Based MAS through an Evolutionary Spatial Approach of the Ultimatum Game. , 2012, , .		5
30	COMMUNICATING KNOWLEDGE SYSTEMS: Part II—Big Talk among Small Systems. Applied Artificial Intelligence, 1987, 1, 315-335.	3.2	4
31	(Virtual) Agents for running electricity markets. Simulation Modelling Practice and Theory, 2010, 18, 1442-1452.	3.8	4
32	Abstract mental descriptions for agent design. Intelligent Decision Technologies, 2010, 4, 115-131.	0.9	4
33	Simulating a Multi-agent Electricity Market. , 2010, , .		4
34	On the Operationality of Moral-Sense Decision Making. , 2010, , .		4
35	Agent-Based Simulation of Retail Electricity Markets: Bilateral Trading Players. , 2013, , .		4
36	The Meta Sketch Editor. , 2007, , 201-214.		4

#	Article	IF	Citations
37	Multi-agent Negotiation in Electricity Markets. Lecture Notes in Business Information Processing, 2011, , 114-123.	1.0	4
38	Towards Individual Power Design. Lecture Notes in Computer Science, 2003, , 366-378.	1.3	4
39	Decisions with multiple simultaneous goals and uncertain causal effects. International Federation for Information Processing, 2008, , 13-22.	0.4	4
40	Towards knowledge-based infolog specifications A case study of information engineering. Decision Support Systems, 1985, 1, 143-165.	5.9	3
41	Around the architectural agent approach to model conversations. Lecture Notes in Computer Science, 1995, , 172-185.	1.3	3
42	Negotiation among Autonomous Computational Agents. Lecture Notes in Computer Science, 2002, , 556-565.	1.3	3
43	TEMMAS: The Electricity Market Multi-Agent Simulator. Lecture Notes in Computer Science, 2009, , 569-576.	1.3	3
44	Simulation of Electrical Distributed Energy Resources for Electrical Vehicles Charging Process Strategy. , 2010, , .		3
45	Measuring agenda-setting effects on Twitter during the 2016 UK EU referendum. , 2019, , .		3
46	Information Processing, Motivation and Decision Making. , 1996, , 233-250.		3
47	Agent Inferencing Meets the Semantic Web. Lecture Notes in Computer Science, 2009, , 497-507.	1.3	3
48	Exploring Context Permeability in Multiple Social Networks. , 2010, , 77-87.		3
49	Strategic interaction in oligopolistic markets â€" experimenting with real and artificial agents. Lecture Notes in Computer Science, 1994, , 147-163.	1.3	3
50	ProtestLab: A Computational Laboratory for Studying Street Protests. Advances in Dynamics, Patterns, Cognition, 2017, , 3-29.	0.3	3
51	Towards an Interdisciplinary Framework for Automated Negotiation. Lecture Notes in Computer Science, 2008, , 81-91.	1.3	3
52	DialogSketch. , 2005, , .		2
53	ON COMPUTATION OVER CHAOS USING NEURAL NETWORKS: APPLICATION TO BLIND SEARCH AND RANDOM NUMBER GENERATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 59-66.	1.7	2
54	Simulating Argumentation about Exchange Values in Multi-agent Interactions. , 2010, , .		2

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55	Quantitative measures of crowd patterns in agent-based models of street protests. , 2015, , .		2
56	A Framework for Agent-Based Electricity Markets: Preliminary Report. , 2015, , .		2
57	Multiple Society Organisations and Social Opacity: When Agents Play the Role of Observers. Lecture Notes in Computer Science, 2002, , 63-73.	1.3	2
58	Where do intentions come from ?: A framework for goals and intentions adoption, derivation and evolution. Lecture Notes in Computer Science, 1995, , 115-127.	1.3	2
59	Facing Hard Problems in Multi-Agent Interactions. , 1992, , 276-288.		2
60	Coordination with Collective and Individual Decisions. Lecture Notes in Computer Science, 2006, , 37-47.	1.3	2
61	Toward a Motivated BDI Agent Using Attributes Embedded in Mental States. Lecture Notes in Computer Science, 2006, , 459-469.	1.3	2
62	Negotiating Hour-Wise Tariffs in Multi-Agent Electricity Markets. Lecture Notes in Computer Science, 2013, , 246-256.	1.3	2
63	A Formal Approach To ILEs. , 1994, , 281-294.		2
64	Agentâ€™s Programming from a Mental States Framework. Lecture Notes in Computer Science, 1998, , 31-39.	1.3	2
65	Collaborative groups in a medical learning environment. Intelligent Decision Technologies, 2010, 4, 149-158.	0.9	1
66	Rehearsing Policies for GHGs Emission Control. , 2010, , .		1
67	Multi-agent Simulation of Bilateral Contracting in Competitive Electricity Markets. , 2014, , .		1
68	Analysis of the decision rule in Epstein's Agent-Based model of civil violence. , 2015, , .		1
69	BVG Choice in Axelrodâ€™s Tribute Model. Lecture Notes in Computer Science, 2003, , 16-25.	1.3	1
70	Experiments on achieving communication in communities of autonomous agents. , 1992, , 291-308.		1
71	The Queen Robots: Behaviour-Based Situated Robots Solving the N-Queens Puzzle. Lecture Notes in Computer Science, 2002, , 129-139.	1.3	1
72	Predictability for Autonomous Decision Support. Lecture Notes in Computer Science, 2006, , 88-98.	1.3	1

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73	Policy Decision Support Through Social Simulation. , 2008, , 716-723.		1
74	Using Prolog. , 1988, , 21-69.		1
75	Choice and Institutions in Agent Societies. Lecture Notes in Computer Science, 1999, , 267-281.	1.3	1
76	Modeling intentions with extended logic programming. Lecture Notes in Computer Science, 1995, , 69-78.	1.3	0
77	Knowledge based clustering of partially characterized objects. Lecture Notes in Computer Science, 1995, , 161-170.	1.3	0
78	Meta-agency and individual power. Web Intelligence and Agent Systems, 2009, 7, 333-346.	0.4	0
79	Replicating Hofstede's Cultured Negotiation: A First Update. , 2012, , .		0
80	Social Simulation, Seeing Ahead. , 2012, , .		0
81	Choice: The Key for Autonomy. Lecture Notes in Computer Science, 2001, , 142-154.	1.3	0
82	Towards a Methodology for Experiments with Autonomous Agents. Lecture Notes in Computer Science, 2002, , 85-96.	1.3	0
83	Tax Compliance Through MABS: The Case of Indirect Taxes. Lecture Notes in Computer Science, 2007, , 605-617.	1.3	0
84	Overview of Agent Modelling. , 2008, , 1-18.		0
85	Automated Bilateral Negotiation and Bargaining Impasse. , 2009, , 161-174.		0
86	Future Challenges for Autonomous Systems. Lecture Notes in Computer Science, 2009, , 39-52.	1.3	0
87	Moral Minds as Multiple-Layer Organizations. Lecture Notes in Computer Science, 2010, , 254-263.	1.3	0
88	Modeling with Prolog. , 1988, , 173-187.		0
89	Doing Algebra with Prolog. , 1988, , 119-122.		0
90	Playing with Prolog. , 1988, , 123-145.		0

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91	Proving with Prolog. , 1988, , 71-97.		0
92	Learning with Prolog. , 1988, , 161-172.		0
93	Teaching Prolog. , 1988, , 1-9.		0
94	Designing with Prolog. , 1988, , 189-193.		0
95	Doing Arithmetic with Prolog. , 1988, , 99-117.		0
96	One or Two Things About Prolog. , 1988, , 11-20.		0
97	Agent Modelling for Intelligent Tutoring Settings. , 1992, , 169-189.		0
98	A closer look to artificial learning environments. Lecture Notes in Computer Science, 1995, , 129-142.	1.3	0
99	Simulation for Medical Training. , 2016, , 827-842.		0
100	Reflections on Social Simulation and Complexity. Lecture Notes in Computer Science, 2019, , 633-641.	1.3	0
101	The Evolution of Negotiation and Impasse in Two-Party Multi-issue Bargaining. Lecture Notes in Computer Science, 2008, , 213-222.	1.3	0