

# Tim Baarslag

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

981  
citations

623734

14  
h-index

501196

28  
g-index

56  
all docs

56  
docs citations

56  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating practical negotiating agents: Results and analysis of the 2011 international competition. Artificial Intelligence, 2013, 198, 73-103.	5.8	137
2	GENIUS: AN INTEGRATED ENVIRONMENT FOR SUPPORTING THE DESIGN OF GENERIC AUTOMATED NEGOTIATORS. Computational Intelligence, 2014, 30, 48-70.	3.2	135
3	Learning about the opponent in automated bilateral negotiation: a comprehensive survey of opponent modeling techniques. Autonomous Agents and Multi-Agent Systems, 2016, 30, 849-898.	2.1	94
4	The First Automated Negotiating Agents Competition (ANAC 2010). Studies in Computational Intelligence, 2012, , 113-135.	0.9	52
5	Automated peer-to-peer negotiation for energy contract settlements in residential cooperatives. Applied Energy, 2020, 259, 114173.	10.1	49
6	Decoupling Negotiating Agents to Explore the Space of Negotiation Strategies. Studies in Computational Intelligence, 2014, , 61-83.	0.9	34
7	When Will Negotiation Agents Be Able to Represent Us? The Challenges and Opportunities for Autonomous Negotiators. , 2017, , .		34
8	Optimal Negotiation Decision Functions in Time-Sensitive Domains. , 2015, , .		30
9	Effective acceptance conditions in real-time automated negotiation. Decision Support Systems, 2014, 60, 68-77.	5.9	28
10	The Automated Negotiating Agents Competition, 2010â€“2015. AI Magazine, 2015, 36, 115-118.	1.6	26
11	Results of the First Annual Human-Agent League of the Automated Negotiating Agents Competition. , 2018, , .		25
12	Predicting the Performance of Opponent Models in Automated Negotiation. , 2013, , .		24
13	Valorising the IoT <i>Databox</i>: creating value for everyone. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3125.	3.9	23
14	The Sixth Automated Negotiating Agents Competition (ANAC 2015). Studies in Computational Intelligence, 2017, , 139-151.	0.9	22
15	A Tit for Tat Negotiation Strategy for Real-Time Bilateral Negotiations. Studies in Computational Intelligence, 2013, , 229-233.	0.9	21
16	Negotiation as an Interaction Mechanism for Deciding App Permissions. , 2016, , .		20
17	Heuristics for using CP-nets in utility-based negotiation without knowing utilities. Knowledge and Information Systems, 2015, 45, 357-388.	3.2	19
18	Measuring the Performance of Online Opponent Models in Automated Bilateral Negotiation. Lecture Notes in Computer Science, 2012, , 1-14.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Modelling and analysis of temporal preference drifts using a component-based factorised latent approach. <i>Expert Systems With Applications</i> , 2019, 116, 186-208.	7.6	15
20	Acceptance Conditions in Automated Negotiation. <i>Studies in Computational Intelligence</i> , 2013, , 95-111.	0.9	15
21	Challenges and Main Results of the Automated Negotiating Agents Competition (ANAC) 2019. <i>Lecture Notes in Computer Science</i> , 2020, , 366-381.	1.3	14
22	An Introduction to the Pocket Negotiator: A General Purpose Negotiation Support System. <i>Lecture Notes in Computer Science</i> , 2017, , 13-27.	1.3	14
23	The Second Automated Negotiating Agents Competition (ANAC2011). <i>Studies in Computational Intelligence</i> , 2013, , 183-197.	0.9	13
24	Exploring the Strategy Space of Negotiating Agents. <i>Springer Theses</i> , 2016, , .	0.1	12
25	Computers That Negotiate on Our Behalf: Major Challenges for Self-sufficient, Self-directed, and Interdependent Negotiating Agents. <i>Lecture Notes in Computer Science</i> , 2017, , 143-163.	1.3	11
26	The Challenge of Negotiation in the Game of Diplomacy. <i>Lecture Notes in Computer Science</i> , 2019, , 100-114.	1.3	10
27	Heuristic-Based Approaches for CP-Nets in Negotiation. <i>Studies in Computational Intelligence</i> , 2013, , 113-123.	0.9	10
28	The Fifth Automated Negotiating Agents Competition (ANAC 2014). <i>Studies in Computational Intelligence</i> , 2016, , 211-224.	0.9	9
29	Designing the Sensing as a Service Ecosystem for the Internet of Things. <i>IEEE Internet of Things Magazine</i> , 2018, 1, 18-23.	2.6	8
30	Energy Contract Settlements through Automated Negotiation in Residential Cooperatives. , 2018, , .		6
31	Bottom-up approaches to achieve Pareto optimal agreements in group decision making. <i>Knowledge and Information Systems</i> , 2019, 61, 1019-1046.	3.2	6
32	A Baseline for Nonlinear Bilateral Negotiations: The full results of the agents competing in ANAC 2014. , 2017, , 93-121.		6
33	Automated Negotiation with Gaussian Process-based Utility Models. , 2019, , .		5
34	ANAC 2018: Repeated Multilateral Negotiation League. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 77-89.	0.6	5
35	The Likeability-Success Tradeoff: Results of the 2 <sup>nd</sup> Annual Human-Agent Automated Negotiating Agents Competition. , 2019, , .		4
36	Can We Reach Pareto Optimal Outcomes Using Bottom-Up Approaches?. <i>Lecture Notes in Computer Science</i> , 2017, , 19-35.	1.3	4

#	ARTICLE	IF	CITATIONS
37	Automated Negotiations Under User Preference Uncertainty: A Linear Programming Approach. Lecture Notes in Computer Science, 2019, , 115-129.	1.3	3
38	ANAC 2017: Repeated Multilateral Negotiation League. Studies in Computational Intelligence, 2021, , 101-115.	0.9	3
39	Artificial Intelligence Techniques for Conflict Resolution. Group Decision and Negotiation, 2021, 30, 879-883.	3.3	2
40	Optimal Non-adaptive Concession Strategies with Incomplete Information. Studies in Computational Intelligence, 2016, , 39-54.	0.9	2
41	Measuring the Performance of Online Opponent Models. Springer Theses, 2016, , 111-127.	0.1	1
42	Accepting Optimally with Incomplete Information. Springer Theses, 2016, , 91-109.	0.1	1
43	Self-sufficient, Self-directed, and Interdependent Negotiation Systems: A Roadmap Toward Autonomous Negotiation Agents. , 2022, , 387-406.		1
44	An Uncertainty-Aware Online Planning Algorithm for the Sustainable Electrification of Festivals. , 2018, , .		0
45	Automated Negotiation Mechanism and Strategy for Compensational Vehicular Platooning. Lecture Notes in Computer Science, 2021, , 317-324.	1.3	0
46	Optimal Non-adaptive Concession Strategies. Springer Theses, 2016, , 167-180.	0.1	0
47	A Component-Based Architecture to Explore the Space of Negotiation Strategies. Springer Theses, 2016, , 53-69.	0.1	0
48	Predicting the Performance of Opponent Models. Springer Theses, 2016, , 129-146.	0.1	0
49	Effective Acceptance Conditions. Springer Theses, 2016, , 71-89.	0.1	0
50	Putting the Pieces Together. Springer Theses, 2016, , 181-194.	0.1	0
51	The Heidelberg Laureate Forum on the moving frontier between mathematics and computer science. Xrds, 2017, 23, 46-49.	0.3	0
52	An Optimal Rewiring Strategy for Cooperative Multiagent Social Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 0, 33, 10049-10050.	4.9	0
53	Autonomous Bidding & Coordinated Acceptance in One-to-Many Negotiations. , 2021, , .		0