

# Jeffrey M Bradshaw

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,699  
citations

236833

25  
h-index

233338

45  
g-index

106  
all docs

106  
docs citations

106  
times ranked

1531  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of interdependence in trust. , 2021, , 379-403.		12
2	How Interdependence Explains the World of Teamwork. Lecture Notes in Computer Science, 2021, , 122-146.	1.0	5
3	Tomorrow's Human-Machine Design Tools: From Levels of Automation to Interdependencies. Journal of Cognitive Engineering and Decision Making, 2018, 12, 77-82.	0.9	45
4	Principles for human-centered interaction design, Part 2: Can humans and machines think together?. IEEE Intelligent Systems, 2015, 30, 68-75.	4.0	4
5	Enhancing decision-making by leveraging human intervention in large-scale sensor networks. , 2015, , .		8
6	Leveraging human oversight and intervention in large-scale parallel processing of open-source data. , 2015, , .		0
7	HCI Lessons. , 2015, , .		1
8	Seven Cardinal Virtues of Human-Machine Teamwork: Examples from the DARPA Robotic Challenge. IEEE Intelligent Systems, 2014, 29, 74-80.	4.0	27
9	Myths of Automation, Part 2: Some Very Human Consequences. IEEE Intelligent Systems, 2014, 29, 82-85.	4.0	10
10	Coactive Design: Designing Support for Interdependence in Joint Activity. Journal of Human-robot Interaction, 2014, 3, 43.	2.0	183
11	The Seven Deadly Myths of "Autonomous Systems". IEEE Intelligent Systems, 2013, 28, 54-61.	4.0	140
12	Knowledge-Based Approaches to Information Management in Coalition Environments. IEEE Intelligent Systems, 2013, 28, 34-41.	4.0	2
13	Extending Net-Centricity to Coalition Operations. IEEE Intelligent Systems, 2013, 28, 64-71.	4.0	4
14	Trust in Automation. IEEE Intelligent Systems, 2013, 28, 84-88.	4.0	149
15	MTC2: A command and control framework for moving target defense and cyber resilience. , 2013, , .		11
16	From knowledge science to symbiosis science. International Journal of Human Computer Studies, 2013, 71, 171-176.	3.7	3
17	A human-agent teamwork command and control framework for moving target defense (MTC2). , 2013, , .		5
18	Human-agent-robot teamwork. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	Cognitive science and socio-cognitive theory for the HRI practitioner. , 2012, , .		0
20	Human-agent-robot teamwork. IEEE Intelligent Systems, 2012, 27, 8-13.	4.0	52
21	Autonomy and interdependence in human-agent-robot teams. IEEE Intelligent Systems, 2012, 27, 43-51.	4.0	49
22	Policy-Based Governance within Luna: Why We Developed Yet Another Agent Framework. , 2012, , .		3
23	Command and Control Requirements for Moving-Target Defense. IEEE Intelligent Systems, 2012, 27, 79-85.	4.0	14
24	Sol: An Agent-Based Framework for Cyber Situation Awareness. KI - Kunstliche Intelligenz, 2012, 26, 127-140.	2.2	23
25	Explanation in Human-Agent Teamwork. Lecture Notes in Computer Science, 2012, , 21-37.	1.0	5
26	Beyond Cooperative Robotics: The Central Role of Interdependence in Coactive Design. IEEE Intelligent Systems, 2011, 26, 81-88.	4.0	47
27	Explanation and Coordination in Human-Agent Teams: A Study in the BW4T Testbed. , 2011, , .		5
28	Brain Informatics. IEEE Intelligent Systems, 2011, 26, 16-21.	4.0	40
29	Toward a flexible ontology-based policy approach for network operations using the KAoS framework. , 2011, , .		9
30	The Fundamental Principle of Coactive Design: Interdependence Must Shape Autonomy. Lecture Notes in Computer Science, 2011, , 172-191.	1.0	45
31	Supporting information on demand with the DisServicePro Proactive peer-to-peer information dissemination system. , 2010, , .		2
32	A dynamic and policy-controlled approach to federating information systems. , 2010, , .		5
33	Assessing Human-Agent Teams for Future Space Missions. IEEE Intelligent Systems, 2010, 25, 46-53.	4.0	6
34	Metrics, Metrics, Metrics, Part 2: Universal Metrics?. IEEE Intelligent Systems, 2010, 25, 93-97.	4.0	7
35	Rapid Creation and Deployment of Communities of Interest Using the CMap Ontology Editor and the KAoS Policy Services Framework. Communications in Computer and Information Science, 2010, , 451-466.	0.4	1
36	Toward coactivity. , 2010, , .		0

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37	Implementing Collective Obligations in Human-Agent Teams Using KAoS Policies. Lecture Notes in Computer Science, 2010, , 36-52.	1.0	7
38	Policy-Based Design of Human-Machine Collaboration in Manned Space Missions. , 2009, , .		4
39	The Dynamics of Trust in Cyberdomains. IEEE Intelligent Systems, 2009, 24, 5-11.	4.0	41
40	Enabling information management systems in tactical network environments. , 2009, , .		1
41	From Tools to Teammates: Joint Activity in Human-Agent-Robot Teams. Lecture Notes in Computer Science, 2009, , 935-944.	1.0	30
42	Joint Activity Testbed: Blocks World for Teams (BW4T). Lecture Notes in Computer Science, 2009, , 254-256.	1.0	45
43	An Agent-Oriented Service Model for a Personal Information Manager. Lecture Notes in Computer Science, 2009, , 24-40.	1.0	1
44	Coordination in Human-Agent-Robot Teamwork. , 2008, , .		17
45	FAQIH: Framework for Agent-Based Query-Enabled Integrated Information for Health and Nutrition. , 2008, , .		0
46	New Developments in Ontology-Based Policy Management: Increasing the Practicality and Comprehensiveness of KAoS. , 2008, , .		53
47	Policy-Governed Information Exchange in a U.S. Army Operational Scenario. , 2008, , .		1
48	Demonstrating Human-Robot Coordination through Dynamic Regulation. , 2008, , .		3
49	Policy Management across Multiple Platforms and Application Domains. , 2008, , .		1
50	Human-robot coordination through dynamic regulation. , 2008, , .		10
51	Demonstrating Selected W3C Policy Languages Interest Group Use Cases Using the KAoS Policy Services Framework. , 2008, , .		4
52	Dynamic policy enforcement in JBI information management services with the KAoS Policy and Domain Services. , 2007, , .		1
53	Progress Appraisal as a Challenging Element of Coordination in Human and Machine Joint Activity. Lecture Notes in Computer Science, 2007, , 124-141.	1.0	10
54	Representing Context for Multiagent Trust Modeling. , 2006, , .		27

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55	Policy-Based Bandwidth Management for Tactical Networks with the Agile Computing Middleware. , 2006, , .		2
56	Toward an Ontology of Regulation: Socially-Based Support for Coordination in Human and Machine Joint Activity. , 2006, , 175-192.		11
57	Common Ground and Coordination in Joint Activity. , 2005, , 139-184.		167
58	Toward Trustworthy Adjustable Autonomy in KAoS. Lecture Notes in Computer Science, 2005, , 18-42.	1.0	13
59	KARMEN: Multi-agent Monitoring and Notification for Complex Processes. Lecture Notes in Computer Science, 2005, , 197-206.	1.0	2
60	Software agents for process monitoring and notification. , 2004, , .		24
61	KAoS: A Policy and Domain Services Framework for Grid Computing and Semantic Web Services. Lecture Notes in Computer Science, 2004, , 16-26.	1.0	45
62	Dimensions of Adjustable Autonomy and Mixed-Initiative Interaction. Lecture Notes in Computer Science, 2004, , 17-39.	1.0	64
63	Social Order and Adaptability in Animal and Human Cultures as Analogues for Agent Communities: Toward a Policy-Based Approach. Lecture Notes in Computer Science, 2004, , 21-48.	1.0	16
64	Making Agents Acceptable to People. , 2004, , 361-406.		20
65	Making Agents Acceptable to People. , 2003, , 1-3.		20
66	Adjustable Autonomy and Human-Agent Teamwork in Practice: An Interim Report on Space Applications. Multiagent Systems, Artificial Societies, and Simulated Organizations, 2003, , 243-280.	2.5	40
67	Semantic Web Languages for Policy Representation and Reasoning: A Comparison of KAoS, Rei, and Ponder. Lecture Notes in Computer Science, 2003, , 419-437.	1.0	168
68	Path-based Security for Mobile Agents. Electronic Notes in Theoretical Computer Science, 2002, 63, 108-123.	0.9	4
69	Living with Agents: From Human-Agent Teamwork to Cognitive Prostheses. Lecture Notes in Computer Science, 2002, , 1-1.	1.0	1
70	NOMADS. , 2000, , .		42
71	Strong Mobility and Fine-Grained Resource Control in NOMADS. Lecture Notes in Computer Science, 2000, , 2-15.	1.0	52
72	What Is a Conversation Policy?. Lecture Notes in Computer Science, 2000, , 118-131.	1.0	68

#	ARTICLE	IF	CITATIONS
73	A pragmatic principle for agent communication. , 1999, , .		5
74	IUI and agents for the new millennium (panel II). , 1999, , .		0
75	Physician Participation in Research Surveys. Evaluation and the Health Professions, 1999, 22, 427-441.	0.9	54
76	Expertise transfer and complex problems: using AQUINAS as a knowledge-acquisition workbench for knowledge-based systems. International Journal of Human Computer Studies, 1999, 51, 453-478.	3.7	6
77	Strategies for Graphical Model Selection. Lecture Notes in Statistics, 1994, , 91-100.	0.1	19
78	Reuse and sharing of graphical belief network components. Lecture Notes in Statistics, 1994, , 113-122.	0.1	1
79	Introduction: Knowledge acquisition as modeling. International Journal of Intelligent Systems, 1993, 8, 1-7.	3.3	9
80	Knowledge acquisition as a constructive modeling activity. International Journal of Intelligent Systems, 1993, 8, 9-32.	3.3	63
81	Knowledge acquisition techniques for group decision support. International Journal of Human-Computer Studies, 1993, 5, 405-447.	1.2	9
82	eQuality: An application of DDUCKS to process management. Lecture Notes in Computer Science, 1992, , 425-444.	1.0	2
83	Knowledge acquisition techniques for decision analysis using AXOTL and AQUINAS. International Journal of Human-Computer Studies, 1991, 3, 49-77.	1.2	5
84	Decision analysis techniques for knowledge acquisition: combining information and preferences using Aquinas and Axotl. International Journal of Man-Machine Studies, 1990, 32, 121-186.	0.7	47
85	Using personal construct techniques for collaborative evaluation. International Journal of Man-Machine Studies, 1990, 33, 521-536.	0.7	4
86	Design knowledge capture and alternatives generation using possibility tables in Canard. International Journal of Human-Computer Studies, 1990, 2, 345-363.	1.2	13
87	Knowledge Acquisition Techniques for Intelligent Decision Systems: Integrating Axotl and Aquinas in DDUCKS. Machine Intelligence and Pattern Recognition, 1990, , 255-270.	0.2	5
88	Recent progress in AQUINAS: A knowledge acquisition workbench. International Journal of Human-Computer Studies, 1989, 1, 185-214.	1.2	32
89	Expertise transfer and complex problems: using AQUINAS as a knowledge-acquisition workbench for knowledge-based systems. International Journal of Man-Machine Studies, 1987, 26, 3-28.	0.7	237
90	Leading questions and memory: Pragmatic constraints. Journal of Verbal Learning and Verbal Behavior, 1980, 19, 695-704.	3.8	214