

Julian A Padget

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,035
citations

586496

16
h-index

591227

27
g-index

115
all docs

115
docs citations

115
times ranked

912
citing authors

#	ARTICLE	IF	CITATIONS
1	Trusting the trust machine: Evaluating trust signals of blockchain applications. International Journal of Information Management, 2023, 68, 102429.	10.5	20
2	Governance of Autonomous Agents on the Web: Challenges and Opportunities. ACM Transactions on Internet Technology, 2022, 22, 1-31.	3.0	2
3	A Norm Emergence Framework for Normative MAS – Position Paper. Lecture Notes in Computer Science, 2021, , 156-174.	1.0	1
4	Ethical Online AI Systems Through Conscientious Design. IEEE Internet Computing, 2021, 25, 58-64.	3.2	5
5	Argumentation-Based Reasoning about Plans, Maintenance Goals, and Norms. ACM Transactions on Autonomous and Adaptive Systems, 2020, 14, 1-39.	0.4	4
6	Norm emergence in multiagent systems: a viewpoint paper. Autonomous Agents and Multi-Agent Systems, 2019, 33, 706-749.	1.3	19
7	ODRL Policy Modelling and Compliance Checking. Lecture Notes in Computer Science, 2019, , 36-51.	1.0	25
8	Fine-Grained Access Control via Policy-Carrying Data. ACM Transactions on Internet Technology, 2018, 18, 1-24.	3.0	4
9	Using Social Reasoning Framework to Guide Normative Behaviour of Intelligent Virtual Agents. , 2018, , .		1
10	Systemic approaches to incident analysis in aviation: Comparison of STAMP, agent-based modelling and institutions. Safety Science, 2018, 108, 59-71.	2.6	20
11	Governing Narrative Events with Tropes as Institutional Norms. Communications in Computer and Information Science, 2018, , 133-137.	0.4	1
12	Deontic Sensors. , 2018, , .		4
13	Automated multi-level governance compliance checking. Autonomous Agents and Multi-Agent Systems, 2017, 31, 1283-1343.	1.3	7
14	Identifying Affordances for Modelling Second-Order Emergent Phenomena with the $\{WIT\}$ Framework. Lecture Notes in Computer Science, 2017, , 208-227.	1.0	4
15	Practical reasoning with norms for autonomous software agents. Engineering Applications of Artificial Intelligence, 2017, 65, 388-399.	4.3	8
16	The effect of real-time context-aware feedback on occupants’s heating behaviour and thermal adaptation. Energy and Buildings, 2016, 123, 179-191.	3.1	32
17	Application Domains. Law, Governance and Technology Series, 2016, , 231-263.	0.3	0
18	Designing sensor sets for capturing energy events in buildings. Building and Environment, 2016, 110, 11-22.	3.0	19

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19	InstAL: An Institutional Action Language. Law, Governance and Technology Series, 2016, , 101-124.	0.3	6
20	An Interactive, Generative Punch and Judy Show Using Institutions, ASP and Emotional Agents. Lecture Notes in Computer Science, 2016, , 396-417.	1.0	0
21	A Situational Awareness Approach to Intelligent Vehicle Agents. Lecture Notes in Mobility, 2015, , 77-103.	0.2	14
22	Policy-Carrying Data: A Step Towards Transparent Data Sharing. Procedia Computer Science, 2015, 52, 59-66.	1.2	4
23	Energy efficient zone based routing protocol for MANETs. Ad Hoc Networks, 2015, 25, 16-37.	3.4	57
24	Argumentation-based Normative Practical Reasoning. Lecture Notes in Computer Science, 2015, , 226-242.	1.0	2
25	Run-Time Verification of MSMAS Norms Using Event Calculus. , 2014, , .		2
26	Designing sensor sets for capturing energy events in buildings. , 2014, , .		2
27	Virtual visual sensors and their application in structural health monitoring. Structural Health Monitoring, 2014, 13, 251-264.	4.3	51
28	Inducing [sub]conscious energy behaviour through visually displayed energy information: A case study in university accommodation. Energy and Buildings, 2014, 70, 507-515.	3.1	39
29	On requirements representation and reasoning using answer set programming. , 2014, , .		4
30	Non-invasive damage detection in beams using marker extraction and wavelets. Mechanical Systems and Signal Processing, 2014, 49, 13-23.	4.4	16
31	A Light-Weight Framework for Bridge-Building from Desktop to Cloud. Lecture Notes in Computer Science, 2014, , 308-323.	1.0	1
32	Contextualized Institutions in Virtual Organizations. Lecture Notes in Computer Science, 2014, , 136-154.	1.0	3
33	N-Jason: Run-Time Norm Compliance in AgentSpeak(L). Lecture Notes in Computer Science, 2014, , 367-387.	1.0	11
34	Contextualized Institutions in Virtual Organizations. Lecture Notes in Computer Science, 2014, , 136-154.	1.0	1
35	Obligations to enforce prohibitions. , 2013, , .		2
36	I-ABM: combining institutional frameworks and agent-based modelling for the design of enforcement policies. Artificial Intelligence and Law, 2013, 21, 371-398.	3.0	10

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37	'just enough' sensing to ENLITEN. , 2013, , .		5
38	A model-based approach to the automatic revision of secondary legislation. , 2013, , .		16
39	Towards polite virtual agents using social reasoning techniques. Computer Animation and Virtual Worlds, 2013, 24, 335-343.	0.7	8
40	Decoupling Cognitive Agents and Virtual Environments. Lecture Notes in Computer Science, 2013, , 17-36.	1.0	9
41	Handling Change in Normative Specifications. Lecture Notes in Computer Science, 2013, , 1-19.	1.0	5
42	Social Norm Recommendation for Virtual Agent Societies. Lecture Notes in Computer Science, 2013, , 308-323.	1.0	8
43	Verifying MSMAS Model Using \mathcal{S} CIFF. Lecture Notes in Computer Science, 2013, , 44-58.	1.0	3
44	An Agent-Based Simulation Approach to Comparative Analysis of Enforcement Mechanisms. Lecture Notes in Computer Science, 2013, , 53-70.	1.0	0
45	Situating COIN in the Cloud. Lecture Notes in Computer Science, 2013, , 1-16.	1.0	0
46	Market intelligence and price adaptation. , 2012, , .		2
47	Composition of engineering web services with universal distributed data-flows framework based on ROA. , 2012, , .		4
48	A Resource-Oriented Architecture for MDO Framework. , 2012, , .		1
49	Social-Aware Routing for Wireless Mesh Networks. , 2012, , .		1
50	EQUIVALENCE CHECKING OF COMMUNICATING UML STATECHART DIAGRAMS. International Journal of Software Engineering and Knowledge Engineering, 2012, 22, 265-304.	0.6	1
51	System security requirements analysis with answer set programming. , 2012, , .		2
52	Agent-based organisational governance of services. Multiagent and Grid Systems, 2012, 8, 3-18.	0.5	5
53	Normative Run-Time Reasoning for Institutionally-Situated BDI Agents. Lecture Notes in Computer Science, 2012, , 129-148.	1.0	3
54	An agent-based infrastructure for energy profile capture and management. , 2011, , .		2

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55	Normative Run-Time Reasoning for Institutionally-Situated BDI Agents. , 2011, , .		8
56	Non-invasive damage detection in composite beams using marker extraction and wavelets. , 2011, , .		3
57	Normative design using inductive learning. Theory and Practice of Logic Programming, 2011, 11, 783-799.	1.1	18
58	Modelling UK domestic energy and carbon emissions: an agent-based approach. Energy and Buildings, 2011, 43, 2602-2612.	3.1	51
59	Analysing energy-incentivized cooperation in next generation mobile networks using normative frameworks and an agent-based simulation. Future Generation Computer Systems, 2011, 27, 1092-1102.	4.9	9
60	A multi-agent systems approach to call-centre management. International Journal of Parallel, Emergent and Distributed Systems, 2011, 26, 347-367.	0.7	3
61	Norm Refinement and Design through Inductive Learning. Lecture Notes in Computer Science, 2011, , 77-94.	1.0	3
62	Legal Modelling and Reasoning Using Institutions. Lecture Notes in Computer Science, 2011, , 129-140.	1.0	9
63	Coordination, Organisation and Model-driven Approaches for Dynamic, Flexible, Robust Software and Services Engineering. , 2011, , 85-115.		4
64	Using a Normative Framework to Explore the Prototyping of Wireless Grids. Lecture Notes in Computer Science, 2011, , 95-113.	1.0	0
65	Template-Based Adaptation of Semantic Web Services with Model-Driven Engineering. IEEE Transactions on Services Computing, 2010, 3, 116-130.	3.2	14
66	A Zone-based Routing Protocol with Parallel Collision Guidance Broadcasting for MANET. , 2010, , .		5
67	Combining Organisational and Coordination Theory with Model Driven Approaches to Develop Dynamic, Flexible, Distributed Business Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 175-184.	0.2	5
68	ALIVE: A Model-Driven Framework to Develop Dynamic, Flexible, Distributed Service-Oriented Systems. , 2010, , .		1
69	Adaptable, Organization-Aware, Service-Oriented Computing. IEEE Intelligent Systems, 2010, 25, 26-35.	4.0	13
70	InstQL: A Query Language for Virtual Institutions Using Answer Set Programming. Lecture Notes in Computer Science, 2010, , 102-121.	1.0	4
71	Organizing web services to develop dynamic, flexible, distributed systems. , 2009, , .		7
72	Engineering design optimization using services and workflows. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 2741-2751.	1.6	13

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73	AQL: A Query Language for Action Domains Modelled Using Answer Set Programming. Lecture Notes in Computer Science, 2009, , 437-443.	1.0	5
74	Engineering Agent Organisations in a Business Environment. Lecture Notes in Computer Science, 2009, , 49-64.	1.0	0
75	Modelling Normative Frameworks Using Answer Set Programming. Lecture Notes in Computer Science, 2009, , 548-553.	1.0	8
76	Embedding Landmarks and Scenes in a Computational Model of Institutions. Lecture Notes in Computer Science, 2008, , 41-57.	1.0	5
77	ASPVIZ: Declarative Visualisation and Animation Using Answer Set Programming. Lecture Notes in Computer Science, 2008, , 724-728.	1.0	12
78	A comparison of distributed and centralised agent based bundling systems. , 2007, , .		2
79	The case for open source in information and network technology education: experiences from the EuropeAid @lis technology net project. International Journal of Continuing Engineering Education and Life-Long Learning, 2007, 17, 67.	0.1	1
80	Matchmaking Support for Dynamic Workflow Composition. , 2007, , .		2
81	Answer Set Programming for Representing and Reasoning About Virtual Institutions. Lecture Notes in Computer Science, 2007, , 60-79.	1.0	37
82	Specifying and Reasoning About Multiple Institutions. Lecture Notes in Computer Science, 2007, , 67-85.	1.0	33
83	Mathematical Service Discovery. , 2007, , 351-368.		0
84	Matchmaking Framework for Mathematical Web Services. Journal of Grid Computing, 2006, 4, 33-48.	2.5	13
85	Using software agents to preserve individual health data confidentiality in micro-scale geographical analyses. Journal of Biomedical Informatics, 2006, 39, 160-170.	2.5	42
86	Semantic Matching for Mathematical Services. Lecture Notes in Computer Science, 2006, , 174-189.	1.0	4
87	Specifying and Analysing Agent-Based Social Institutions Using Answer Set Programming. Lecture Notes in Computer Science, 2006, , 99-113.	1.0	30
88	Matchmaking of Mathematical Web Services. Lecture Notes in Computer Science, 2006, , 809-816.	1.0	1
89	Agent-based matchmaking of mathematical web services. , 2005, , .		2
90	Teaching Multi-Agent Systems in the UK and in Latin America. Innovations in Teaching and Learning in Information and Computer Sciences, 2005, 4, 1-29.	0.2	0

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91	Mathematics on the (Semantic) NET. Lecture Notes in Computer Science, 2004, , 213-224.	1.0	14
92	Formalizing an electronic institution for the distribution of human tissues. Artificial Intelligence in Medicine, 2003, 27, 233-258.	3.8	31
93	Formalizing a Language for Institutions and Norms. Lecture Notes in Computer Science, 2002, , 348-366.	1.0	78
94	Auctions without Auctioneers: Distributed Auction Protocols. Lecture Notes in Computer Science, 2000, , 220-238.	1.0	8
95	Foundations for a virtual multicomputer -Progress report-. Lecture Notes in Computer Science, 1996, , 336-343.	1.0	0
96	The programming language standards scene, ten years on Paper 12: Lisp. Computer Standards and Interfaces, 1994, 16, 505-509.	3.8	0
97	An overview ofEuLisp. Higher-Order and Symbolic Computation, 1993, 6, 9-97.	1.2	18
98	EuList threads: A concurrency toolbox. Higher-Order and Symbolic Computation, 1993, 6, 177-199.	1.2	3
99	Plurals: A SIMD extension to EuLisp. Higher-Order and Symbolic Computation, 1993, 6, 201-219.	1.2	2
100	Object-oriented execution of OPS5 production systems. ACM SIGPLAN Notices, 1993, 28, 178-190.	0.2	1
101	Architecture independence and coordination. Lecture Notes in Computer Science, 1993, , 287-299.	1.0	2
102	Collections and garbage collection. , 1992, , 473-489.		2