

Timothy Miller

List of Publications by Year in descending order

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26
papers

3,501
citations

933264

10
h-index

887953

17
g-index

27
all docs

27
docs citations

27
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	Formalizing Trust in Artificial Intelligence. , 2021, , .		160
2	Modeling communication of collaborative multiagent system under epistemic planning. International Journal of Intelligent Systems, 2021, 36, 5959-5980.	3.3	7
3	Explainable models for forecasting the emergence of political instability. PLoS ONE, 2021, 16, e0254350.	1.1	3
4	Good Proctor or "Big Brother"? Ethics of Online Exam Supervision Technologies. Philosophy and Technology, 2021, 34, 1581-1606.	2.6	88
5	Contrastive explanation: a structural-model approach. Knowledge Engineering Review, 2021, 36, .	2.1	32
6	Inventory routing for defense: Moving supplies in adversarial and partially observable environments. Journal of Defense Modeling and Simulation, 2020, 17, 55-81.	1.2	3
7	Explainable Reinforcement Learning through a Causal Lens. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2493-2500.	3.6	100
8	Explainable artificial intelligence models using real-world electronic health record data: a systematic scoping review. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1173-1185.	2.2	160
9	Combining gaze and AI planning for online human intention recognition. Artificial Intelligence, 2020, 284, 103275.	3.9	31
10	XAI"Explainable artificial intelligence. Science Robotics, 2019, 4, .	9.9	829
11	Motivational Modelling in Software for Homelessness: Lessons from an Industrial Study. , 2019, , .		11
12	Explanation in artificial intelligence: Insights from the social sciences. Artificial Intelligence, 2019, 267, 1-38.	3.9	1,938
13	Psychologically-Driven Requirements Engineering: A Case Study in Depression Care. , 2018, , .		7
14	Symbolic Execution with Invariant Inlay: Evaluating the Potential. , 2018, , .		0
15	Requirements specification via activity diagrams for agent-based systems. Autonomous Agents and Multi-Agent Systems, 2017, 31, 423-468.	1.3	6
16	Compositional Symbolic Execution: Incremental Solving Revisited. , 2016, , .		1
17	Does it Fit Me Better? User Segmentation in Requirements Engineering. , 2016, , .		2
18	Communication in Human-Agent Teams for Tasks with Joint Action. Lecture Notes in Computer Science, 2016, , 224-241.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Looking Closer at Compositional Symbolic Execution. , 2015, , .		0
20	Viewpoint Modelling with Emotions: A Case Study. International Journal of People-Oriented Programming, 2015, 4, 25-53.	0.3	2
21	Using Metamorphic Testing to Improve Dynamic Symbolic Execution. , 2015, , .		4
22	Model-Based Test Oracle Generation for Automated Unit Testing of Agent Systems. IEEE Transactions on Software Engineering, 2013, 39, 1230-1244.	4.3	42
23	Using Dependency Structures for Prioritization of Functional Test Suites. IEEE Transactions on Software Engineering, 2013, 39, 258-275.	4.3	42
24	Efficient storage and retrieval in agent protocol libraries using subsumption hierarchies. Multiagent and Grid Systems, 2013, 9, 101-134.	0.5	0
25	A case study in model-based testing of specifications and implementations. Software Testing Verification and Reliability, 2012, 22, 33-63.	1.7	16
26	Logics of Common Ground. Journal of Artificial Intelligence Research, 0, 58, 859-904.	7.0	7