

Petros Kefalas

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

289
citations

1162889

8
h-index

1058333

14
g-index

45
all docs

45
docs citations

45
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing NetLogo to Simulate BDI Communicating Agents. Lecture Notes in Computer Science, 2008, , 263-275.	1.0	37
2	Computational models of collective foraging. BioSystems, 2001, 61, 133-141.	0.9	34
3	A DESIGN LANGUAGE AND TOOL FOR X-MACHINES SPECIFICATION. , 2000, , .		24
4	The Role of Emotions, Mood, Personality and Contagion in Multi-agent System Decision Making. IFIP Advances in Information and Communication Technology, 2016, , 359-370.	0.5	21
5	Communicating X-machines: a practical approach for formal and modular specification of large systems. Information and Software Technology, 2003, 45, 269-280.	3.0	18
6	Modelling Dynamic Organization of Biology-Inspired Multi-agent Systems with Communicating X-Machines and Population P Systems. Lecture Notes in Computer Science, 2005, , 389-403.	1.0	13
7	Cloud e-Learning: A New Challenge for Multi-Agent Systems. Advances in Intelligent Systems and Computing, 2014, , 277-287.	0.5	11
8	BREAD MAKING OF DURUM WHEAT WITH CHICKPEA SOURDOUGH OR COMPRESSED BAKER'S YEAST. Journal of Food Quality, 2009, 32, 644-668.	1.4	10
9	Formal Modelling of Reactive Agents as an Aggregation of Simple Behaviours. Lecture Notes in Computer Science, 2002, , 461-472.	1.0	9
10	Transforming communicating X-machines into P systems. Natural Computing, 2009, 8, 817-832.	1.8	8
11	Formal Agent-Based Modelling and Simulation of Crowd Behaviour in Emergency Evacuation Plans. , 2012, , .		7
12	Crowd formal modelling and simulation: The Sa'yee ritual. , 2014, , .		6
13	Experiments with Emotion Contagion in Emergency Evacuation Simulation. , 2014, , .		6
14	A Recommender System Based on Hierarchical Clustering for Cloud e-Learning. Studies in Computational Intelligence, 2018, , 235-245.	0.7	5
15	An authentic student research experience: fostering research skills and boosting the employability profile of students. , 2018, , .		5
16	From Formal Modelling to Agent Simulation Execution and Testing. , 2015, , .		5
17	A Formal Modelling Framework for Developing Multi-agent Systems with Dynamic Structure and Behaviour. Lecture Notes in Computer Science, 2005, , 122-131.	1.0	5
18	Formal Modelling of the Dynamic Behaviour of Biology-Inspired, Agent-Based Systems. Advances in Web Services Research Series, 0, , 243-276.	0.0	5

#	ARTICLE	IF	CITATIONS
19	Formal modelling of agents acting under artificial emotions. , 2012, , .		4
20	A Formal Approach to Model Emotional Agents Behaviour in Disaster Management Situations. Lecture Notes in Computer Science, 2014, , 237-250.	1.0	4
21	OPERAS CC : An Instance of a Formal Framework for MAS Modeling Based on Population P Systems. , 2007, , 438-452.		4
22	Formal modelling and simulation of a multi-agent nano-robotic drug delivery system. Scalable Computing, 2014, 15, .	0.7	4
23	The Invalidity of Validating Emotional Multi-Agent Systems Simulations. , 2017, , .		3
24	OPERAS: A Framework for the Formal Modelling of Multi-Agent Systems and Its Application to Swarm-Based Systems. Lecture Notes in Computer Science, 2007, , 158-174.	1.0	3
25	Emotional Agents Make a (Bank) Run. Lecture Notes in Computer Science, 2020, , 171-187.	1.0	3
26	OASys: An AND/OR parallel logic programming system. Parallel Computing, 1999, 25, 321-336.	1.3	2
27	Formal Verification of Generalised State Machines. , 2008, , .		2
28	Multi-agent system simulation of nano-robotic drug delivery in tumours of body tissues. , 2013, , .		2
29	Using Screencasts to Enhance Logic Programming Skills. , 2017, , .		2
30	Transforming State-Based Models to P Systems Models in Practice. Lecture Notes in Computer Science, 2009, , 260-273.	1.0	2
31	Using screencasts to enhance coding skills: The case of logic programming?. Computer Science and Information Systems, 2018, 15, 775-798.	0.7	2
32	Representation of learning objects in cloud e-learning. , 2017, , .		1
33	Modelling of Multi-Agent Systems: Experiences with Membrane Computing and Future Challenges. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 33, 71-82.	0.8	1
34	Towards Modelling of Reactive, Goal-Oriented and Hybrid Intelligent Agents Using P Systems. Lecture Notes in Computer Science, 2010, , 265-272.	1.0	1
35	An Intelligent Agents and Multi-Agent Systems Course Involving NetLogo. , 2011, , 26-50.		1
36	Introducing AI and IA into a Non Computer Science Graduate Programme. , 2011, , 89-100.		1

#	ARTICLE	IF	CITATIONS
37	Stream X-Machines for Agent Simulation Test Case Generation. Lecture Notes in Computer Science, 2015, , 37-57.	1.0	1
38	Introducing AI and IA into a Non Computer Science Graduate Programme. , 2012, , 1525-1537.		0
39	sp X-Machines: Formal State-Based Modelling of Spatial Agents. Communications in Computer and Information Science, 2013, , 379-391.	0.4	0
40	An innovative web application for managing academic documents. International Journal of Business & Technology, 2013, 1, 39-46.	0.0	0
41	Teaching, Learning and Assessment of Agents and Robotics in a Computer Science Curriculum. Studies in Computational Intelligence, 2018, , 321-332.	0.7	0