Stefano Mariani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1879150/publications.pdf

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56	366	1162889	887953
papers	citations	8 h-index	17 g-index

62	62	62	359
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coordination of Autonomous Vehicles. ACM Computing Surveys, 2022, 54, 1-33.	16.1	37
2	Developing an ML pipeline for asthma and COPD: The case of a Dutch primary care service. International Journal of Intelligent Systems, 2021, 36, 6763-6790.	3.3	1
3	Augmenting BDI Agency with a Cognitive Service: Architecture and Validation in Healthcare Domain. Journal of Medical Systems, 2021, 45, 103.	2.2	1
4	An Adaptive Approach for the Coordination of Autonomous Vehicles at Intersections. , 2021, , .		2
5	Special Issue â€œMulti-Agent Systemsâ€• Editorial. Applied Sciences (Switzerland), 2020, 10, 5329.	1.3	3
6	Complementing Agents with Cognitive Services: A Case Study in Healthcare. Journal of Medical Systems, 2020, 44, 188.	2.2	5
7	From Agents to Blockchain: Stairway to Integration. Applied Sciences (Switzerland), 2020, 10, 7460.	1.3	4
8	Twenty years of coordination technologies: COORDINATION contribution to the state of art. Journal of Logical and Algebraic Methods in Programming, 2020, 113, 100531.	0.4	3
9	Blockchain-Based Coordination: Assessing the Expressive Power of Smart Contracts. Information (Switzerland), 2020, 11, 52.	1.7	8
10	Smart Contracts are More than Objects: Pro-activeness on the Blockchain. Advances in Intelligent Systems and Computing, 2020, , 45-53.	0.5	2
11	Degrees of Autonomy in Coordinating Collectives of Self-Driving Vehicles. Lecture Notes in Computer Science, 2020, , 189-204.	1.0	3
12	Risk Prediction as a Service: a DSS Architecture Promoting Interoperability and Collaboration. , 2019, , .		2
13	Towards Agent-Oriented Blockchains: Autonomous Smart Contracts. Lecture Notes in Computer Science, 2019, , 29-41.	1.0	7
14	Comparative Analysis of Blockchain Technologies Under a Coordination Perspective. Communications in Computer and Information Science, 2019, , 80-91.	0.4	0
15	Evaluating Originâ€“Destination Matrices Obtained from CDR Data. Sensors, 2019, 19, 4470.	2.1	36
16	Coordination in Socio-technical Systems: Where are we now? Where do we go next?. Science of Computer Programming, 2019, 184, 102317.	1.5	2
17	Distributed Speaking Objects: A Case for Massive Multiagent Systems. Lecture Notes in Computer Science, 2019, , 3-20.	1.0	0
18	Special Issue â€œMulti-Agent Systemsâ€• Editorial. Applied Sciences (Switzerland), 2019, 9, 954.	1.3	3

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19	TuSoW: Tuple Spaces for Edge Computing. , 2019, , .		5
20	Logic programming as a service in multi-agent systems for the Internet of Things. International Journal of Grid and Utility Computing, 2019, 10, 344.	0.1	4
21	Argumentation-Based Coordination in IoT: A Speaking Objects Proof-of-Concept. Lecture Notes in Computer Science, 2019, , 169-180.	1.0	0
22	Spatial Tuples: Augmenting reality with tuples. Expert Systems, 2018, 35, e12273.	2.9	2
23	An Argumentation-Based Perspective Over the Social IoT. IEEE Internet of Things Journal, 2018, 5, 2537-2547.	5.5	39
24	Programming the Interaction Space Effectively with $$exttt {ReSpecT}mathbb {X}$$. Studies in Computational Intelligence, 2018, , 89-101.	0.7	1
25	Blockchain for Trustworthy Coordination: A First Study with LINDA and Ethereum. , 2018, , .		2
26	Transparent Protection of Aggregate Computations from Byzantine Behaviours via Blockchain. , 2018, , .		5
27	Logic programming as a service. Theory and Practice of Logic Programming, 2018, 18, 846-873.	1.1	10
28	LPaaS as Micro-Intelligence: Enhancing IoT with Symbolic Reasoning. Big Data and Cognitive Computing, 2018, 2, 23.	2.9	5
29	Micro-Intelligence for the IoT: SE Challenges and Practice in LPaaS. , 2018, , .		2
30	Twenty Years of Coordination Technologies: State-of-the-Art and Perspectives. Lecture Notes in Computer Science, 2018, , 51-80.	1.0	10
31	ReSpecTX: Programming interaction made easy. Computer Science and Information Systems, 2018, 15, 655-682.	0.7	1
32	Coordination of Complex Socio-Technical Systems: Challenges and Opportunities. Lecture Notes in Computer Science, 2018, , 295-310.	1.0	1
33	Coordinating Distributed Speaking Objects. , 2017, , .		14
34	Logic Programming as a Service (LPaaS): Intelligence for the IoT. , 2017, , .		6
35	Coordination of Self-organising Systems. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 25-75.	0.2	1
36	Coordination of Complex Sociotechnical Systems. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , .	0.2	5

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37	$$mathcal{M}ext{olecules},{mathcal{o}ext{f}},mathcal{K}ext{nowledge}$$: Case Studies. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 217-229.	0.2	0
38	Coordination of Distributed Systems. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 9-23.	0.2	0
39	Coordination of Sociotechnical Systems. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 129-152.	0.2	0
40	$$mathcal{M}ext{olecules},{mathcal{o}ext{f}},mathcal{K}ext{nowledge}$$: Technology. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 181-198.	0.2	0
41	Coordination of Pervasive Systems. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 77-127.	0.2	0
42	$$mathcal{M}ext{olecules},{mathcal{o}ext{f}},mathcal{K}ext{nowledge}$$: Model. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , 155-179.	0.2	0
43	Developing pervasive multi-agent systems with nature-inspired coordination. Pervasive and Mobile Computing, 2015, 17, 236-252.	2.1	75
44	Coordinating activities and change: An event-driven architecture for situated MAS. Engineering Applications of Artificial Intelligence, 2015, 41, 298-309.	4.3	12
45	Blending Event-Based and Multi-Agent Systems Around Coordination Abstractions. Lecture Notes in Computer Science, 2015, , 186-193.	1.0	3
46	Reconciling Event- and Agent-Based Paradigms in the Engineering of Complex Systems: The Role of Environment Abstractions. Lecture Notes in Computer Science, 2015, , 117-130.	1.0	0
47	Anticipatory Coordination in Socio-Technical Knowledge-Intensive Environments: Behavioural Implicit Communication in $${MoK}$$. Lecture Notes in Computer Science, 2015, , 102-115.	1.0	5
48	Coordination-Aware Elasticity. , 2014, , .		4
49	On the "Local-to-Global" Issue in Self-Organisation: Chemical Reactions with Custom Kinetic Rates. , 2014, , .		5
50	Coordination in Situated Systems: Engineering MAS Environment in TuCSoN. Lecture Notes in Computer Science, 2014, , 99-110.	1.0	3
51	Probabilistic embedding. , 2013, , .		2
52	Agents & multiagent systems: En route towards complex intelligent systems. Intelligenza Artificiale, 2013, 7, 153-164.	1.0	7
53	Molecules of Knowledge: Self-organisation in Knowledge-Intensive Environments. Studies in Computational Intelligence, 2013, , 17-22.	0.7	8
54	Event-Driven Programming for Situated MAS with ReSpecT Tuple Centres. Lecture Notes in Computer Science, 2013, , 306-319.	1.0	2

#	Article	IF	Citations
55	Probabilistic Modular Embedding for Stochastic Coordinated Systems. Lecture Notes in Computer Science, 2013, , 151-165.	1.0	0
56	Self-Organising News Management: the Molecules of Knowledge Approach. , 2012, , .		3