

# Giovanni Ciatto

## List of Publications by Year in descending order

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29  
papers

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1306789

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29  
docs citations

29  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifty Years of Prolog and Beyond. Theory and Practice of Logic Programming, 2022, 22, 776-858.	1.1	9
2	Symbolic knowledge extraction from opaque ML predictors in PSyKE: Platform design & experiments. Intelligenza Artificiale, 2022, 16, 27-48.	1.0	8
3	Logic-based technologies for multi-agent systems: a systematic literature review. Autonomous Agents and Multi-Agent Systems, 2021, 35, 1.	1.3	47
4	Shallow2Deep: Restraining Neural Networks Opacity Through Neural Architecture Search. Lecture Notes in Computer Science, 2021, , 63-82.	1.0	2
5	GridEx: An Algorithm for Knowledge Extraction from Black-Box Regressors. Lecture Notes in Computer Science, 2021, , 18-38.	1.0	7
6	Lazy Stream Manipulation in Prolog via Backtracking: The Case of 2P-Kt. Lecture Notes in Computer Science, 2021, , 407-420.	1.0	2
7	Towards Explainable Visionary Agents: License to Dare and Imagine. Lecture Notes in Computer Science, 2021, , 139-157.	1.0	0
8	2P-Kt: A logic-based ecosystem for symbolic AI. SoftwareX, 2021, 16, 100817.	1.2	9
9	Expectation: Personalized Explainable Artificial Intelligence for Decentralized Agents with Heterogeneous Knowledge. Lecture Notes in Computer Science, 2021, , 331-343.	1.0	5
10	From Agents to Blockchain: Stairway to Integration. Applied Sciences (Switzerland), 2020, 10, 7460.	1.3	4
11	On the integration of symbolic and sub-symbolic techniques for XAI: A survey. Intelligenza Artificiale, 2020, 14, 7-32.	1.0	50
12	Logic-Based Technologies for Intelligent Systems: State of the Art and Perspectives. Information (Switzerland), 2020, 11, 167.	1.7	30
13	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
14	Agent-Based Explanations in AI: Towards an Abstract Framework. Lecture Notes in Computer Science, 2020, , 3-20.	1.0	24
15	Blockchain-Based Coordination: Assessing the Expressive Power of Smart Contracts. Information (Switzerland), 2020, 11, 52.	1.7	8
16	Smart Contracts are More than Objects: Pro-activeness on the Blockchain. Advances in Intelligent Systems and Computing, 2020, , 45-53.	0.5	2
17	Engineering Semantic Self-composition of Services Through Tuple-Based Coordination. Lecture Notes in Computer Science, 2020, , 205-223.	1.0	1
18	Towards Agent-Oriented Blockchains: Autonomous Smart Contracts. Lecture Notes in Computer Science, 2019, , 29-41.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Comparative Analysis of Blockchain Technologies Under a Coordination Perspective. Communications in Computer and Information Science, 2019, , 80-91.	0.4	0
20	TuSoW: Tuple Spaces for Edge Computing. , 2019, , .		5
21	Engineering Micro-intelligence at the Edge of CPCS: Design Guidelines. Lecture Notes in Computer Science, 2019, , 260-270.	1.0	1
22	Programming the Interaction Space Effectively with $\text{ReSpecT} \mathbb{X}$ . Studies in Computational Intelligence, 2018, , 89-101.	0.7	1
23	Blockchain for Trustworthy Coordination: A First Study with LINDA and Ethereum. , 2018, , .		2
24	Transparent Protection of Aggregate Computations from Byzantine Behaviours via Blockchain. , 2018, , .		5
25	LPaaS as Micro-Intelligence: Enhancing IoT with Symbolic Reasoning. Big Data and Cognitive Computing, 2018, 2, 23.	2.9	5
26	Micro-Intelligence for the IoT: SE Challenges and Practice in LPaaS. , 2018, , .		2
27	Twenty Years of Coordination Technologies: State-of-the-Art and Perspectives. Lecture Notes in Computer Science, 2018, , 51-80.	1.0	10
28	ReSpecTX: Programming interaction made easy. Computer Science and Information Systems, 2018, 15, 655-682.	0.7	1
29	Formal Validation of Neural Networks as Timed Automata. , 2017, , .		3