

Marten Lohstroh

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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21
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid co-simulation: itâ€™s about time. Software and Systems Modeling, 2019, 18, 1655-1679.	2.2	46
2	A Vision of Swarmlets. IEEE Internet Computing, 2015, 19, 20-28.	3.2	43
3	Programmable Logic Controllers in the Context of Industry 4.0. IEEE Transactions on Industrial Informatics, 2021, 17, 3523-3533.	7.2	37
4	Toward a Lingua Franca for Deterministic Concurrent Systems. Transactions on Embedded Computing Systems, 2021, 20, 1-27.	2.1	34
5	A Component Architecture for the Internet of Things. Proceedings of the IEEE, 2018, 106, 1527-1542.	16.4	29
6	FIDE. , 2016, , .		20
7	Deterministic Actors. , 2019, , .		18
8	Actors Revisited for Time-Critical Systems. , 2019, , .		15
9	Reactors: A Deterministic Model for Composable Reactive Systems. Lecture Notes in Computer Science, 2020, , 59-85.	1.0	14
10	An Interface Theory for the Internet of Things. Lecture Notes in Computer Science, 2015, , 20-34.	1.0	14
11	Step revision in hybrid Co-simulation with FMI. , 2016, , .		13
12	Achieving Determinism in Adaptive AUTOSAR. , 2020, , .		11
13	On Enabling Technologies for the Internet of Important Things. IEEE Access, 2019, 7, 27244-27256.	2.6	9
14	Hybrid Co-simulation. , 2018, , .		6
15	A Language for Deterministic Coordination Across Multiple Timelines. , 2020, , .		6
16	Programs with ironclad timing guarantees. , 2019, , .		3
17	Debugging and Verification Tools for Lingua Franca in Gemoc Studio. , 2021, , .		3
18	Time for All Programs, Not Just Real-Time Programs. Lecture Notes in Computer Science, 2021, , 213-232.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Contextual callbacks for resource discovery and trust negotiation on the internet of things. , 2017, , .		1
20	Demo Abstract: Building IoT Applications with Accessors in CapeCode. , 2016, , .		0
21	Work-in-Progress: Real-Time Reactors in C. , 2019, , .		0