

# Johannes Schlatow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7494028/publications.pdf>

Version: 2024-02-01

19  
papers

199  
citations

2258059

3  
h-index

2272923

4  
g-index

19  
all docs

19  
docs citations

19  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response-Time Analysis for Task Chains in Communicating Threads. , 2016, , .		46
2	Self-awareness in autonomous automotive systems. , 2017, , .		24
3	Platform-Centric Self-Awareness as a Key Enabler for Controlling Changes in CPS. Proceedings of the IEEE, 2018, 106, 1543-1567.	21.3	20
4	Formal timing analysis of CAN-to-Ethernet gateway strategies in automotive networks. Real-Time Systems, 2016, 52, 88-112.	1.3	18
5	Self-aware systems for the internet-of-things. , 2016, , .		15
6	An Extensible Autonomous Reconfiguration Framework for Complex Component-Based Embedded Systems. , 2015, , .		13
7	Response-Time Analysis for Task Chains with Complex Precedence and Blocking Relations. Transactions on Embedded Computing Systems, 2017, 16, 1-19.	2.9	13
8	Data-Age Analysis and Optimisation for Cause-Effect Chains in Automotive Control Systems. , 2018, , .		12
9	Towards model-based integration of component-based automotive software systems. , 2017, , .		10
10	Hardware and Software Task Scheduling for ARM-FPGA Platforms. , 2018, , .		6
11	Using Multi-Viewpoint Contracts for Negotiation of Embedded Software Updates. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 208, 31-45.	0.8	6
12	Specifying a middleware for distributed embedded vehicle control systems. , 2014, , .		5
13	Contract-based dynamic task management for mixed-criticality systems. , 2011, , .		4
14	Self-Aware Scheduling for Mixed-Criticality Component-Based Systems. , 2019, , .		3
15	Synthesis of Monitors for Networked Systems With Heterogeneous Safety Requirements. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2824-2834.	2.7	2
16	Demonstrating Controlled Change for Autonomous Space Vehicles. , 2019, , .		2
17	Demo Abstract: Response-Time Analysis for Task Chains in Communicating Threads with pyCPA. , 2016, , .		0
18	Controlling Concurrent Change: Managing In-Field Change in Critical Embedded Systems. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Automating integration under emergent constraints for embedded systems. Software-Intensive Cyber-Physical Systems, 0, , 1.	2.3	0