Sven Linker

List of Publications by Year
in descending order

19 papers	**169** citations	1478505 **6** h-index	1199594 **12** g-index
22 all docs	**22** docs citations	**22** times ranked	**92** citing authors

#	Article	IF	Citations
1	An Abstract Model for Proving Safety of Multi-lane Traffic Manoeuvres. Lecture Notes in Computer Science, 2011, , 404-419.	1.3	50
2	Proving Safety of Traffic Manoeuvres on Country Roads. Lecture Notes in Computer Science, 2013, , 196-212.	1.3	32
3	Proof Theory of a Multi-Lane Spatial Logic. Lecture Notes in Computer Science, 2013, , 231-248.	1.3	14
4	Proof Theory of a Multi-Lane Spatial Logic. Logical Methods in Computer Science, 0, Volume 11, Issue 3, .	0.4	14
5	Synthesizing and verifying controllers for multi-lane traffic maneuvers. Formal Aspects of Computing, 2017, 29, 583-600.	1.8	11
6	Modular Verification of Vehicle Platooning with Respect to Decisions, Space and Time. Communications in Computer and Information Science, 2019, , 18-36.	0.5	11
7	Investigating Parametric Influence on Discrete Synchronisation Protocols Using Quantitative Model Checking. Lecture Notes in Computer Science, 2017, , 224-239.	1.3	7
8	The Power of Synchronisation: Formal Analysis of Power Consumption in Networks of Pulse-Coupled Oscillators. Lecture Notes in Computer Science, 2018, , 160-176.	1.3	6
9	Multi-scale verification of distributed synchronisation. Formal Methods in System Design, 2020, 55, 171-221.	0.8	3
10	MLFC: From 10 to 50 Planners in the Multi-Agent Programming Contest. Lecture Notes in Computer Science, 2021, , 82-107.	1.3	3
11	Spatial Reasoning About Motorway Traffic Safety with Isabelle/HOL. Lecture Notes in Computer Science, 2017, , 34-49.	1.3	3
12	Tactical Diagrammatic Reasoning. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 239, 29-42.	0.8	3
13	Sequent Calculus for Euler Diagrams. Lecture Notes in Computer Science, 2018, , 399-407.	1.3	3
14	Generating readable diagrammatic proofs. , 2015, , .		1
15	Intuitionistic Euler-Venn Diagrams. Lecture Notes in Computer Science, 2020, , 264-280.	1.3	1
16	Formalising Sensor Topologies for Target Counting. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 264, 43-57.	0.8	1
17	Translating Structural Process Properties to Petri Net Markings. , 2012, , .		0
18	Target counting with Presburger constraints and its application in sensor networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190278.	2.1	0

#	Article	IF	Citations
19	Diagrammatic Specification of Mobile Real-Time Systems. Lecture Notes in Computer Science, 2010, , 316-318.	1.3	0