

Torben Stolte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8951294/publications.pdf>

Version: 2024-02-01

16
papers

187
citations

2258059

3
h-index

1872680

6
g-index

17
all docs

17
docs citations

17
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Model predictive control based trajectory generation for autonomous vehicles – An architectural approach. , 2017, , .		35
2	Identification of potential hazardous events for an Unmanned Protective Vehicle. , 2016, , .		32
3	Hazard analysis and risk assessment for an automated unmanned protective vehicle. , 2017, , .		25
4	Safety goals and functional safety requirements for actuation systems of automated vehicles. , 2016, , .		18
5	Taxonomy to Unify Fault Tolerance Regimes for Automotive Systems: Defining Fail-Operational, Fail-Degraded, and Fail-Safe. IEEE Transactions on Intelligent Vehicles, 2022, 7, 251-262.	12.7	15
6	Towards Automated Driving: Unmanned Protective Vehicle for Highway Hard Shoulder Road Works. , 2015, , .		13
7	Safety Analysis Based on Systems Theory Applied to an Unmanned Protective Vehicle. Procedia Engineering, 2017, 179, 61-71.	1.2	13
8	Towards a skill- and ability-based development process for self-aware automated road vehicles. , 2017, , .		12
9	Specifying a middleware for distributed embedded vehicle control systems. , 2014, , .		5
10	On Functional Safety of Vehicle Actuation Systems in the Context of Automated Driving. IFAC-PapersOnLine, 2016, 49, 576-581.	0.9	5
11	An Approach for a Requirement Analysis for an Autonomous Family Vehicle. , 2019, , .		4
12	Investigating Functional Redundancies in the Context of Vehicle Automation – A Trajectory Tracking Perspective. , 2018, , .		3
13	Reference Trajectories for Investigating Fault-Tolerant Trajectory Tracking Control Algorithms for Automated Vehicles. IFAC-PapersOnLine, 2019, 52, 40-47.	0.9	3
14	Towards Efficient Hazard Identification in the Concept Phase of Driverless Vehicle Development. , 2020, , .		2
15	Functional Safety Concept Generation within the Process of Preliminary Design of Automated Driving Functions at the Example of an Unmanned Protective Vehicle. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2863-2872.	0.6	1
16	Compensating for the Absence of a Required Accompanying Person: A Draft of a Functional System Architecture for an Automated Vehicle. , 2021, , .		0