

# Moritz Kärrber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5191043/publications.pdf>

Version: 2024-02-01

21  
papers

1,391  
citations

933447

10  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking Over Control From Highly Automated Vehicles in Complex Traffic Situations. Human Factors, 2016, 58, 642-652.	3.5	284
2	Introduction matters: Manipulating trust in automation and reliance in automated driving. Applied Ergonomics, 2018, 66, 18-31.	3.1	242
3	Trust in Automation “ Before and After the Experience of Take-over Scenarios in a Highly Automated Vehicle. Procedia Manufacturing, 2015, 3, 3025-3032.	1.9	218
4	The influence of age on the take-over of vehicle control in highly automated driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 39, 19-32.	3.7	176
5	Vigilance Decrement and Passive Fatigue Caused by Monotony in Automated Driving. Procedia Manufacturing, 2015, 3, 2403-2409.	1.9	152
6	Theoretical Considerations and Development of a Questionnaire to Measure Trust in Automation. Advances in Intelligent Systems and Computing, 2019, , 13-30.	0.6	85
7	Why Do I Have to Drive Now? Post Hoc Explanations of Takeover Requests. Human Factors, 2018, 60, 305-323.	3.5	66
8	Potential Individual Differences Regarding Automation Effects in Automated Driving. , 2014, , .		31
9	Prediction of take-over time in highly automated driving by two psychometric tests. DYNA (Colombia), 2015, 82, 195-201.	0.4	29
10	Impact of In-Vehicle Displays Location Preferences on Drivers' Performance and Gaze. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1770-1780.	8.0	24
11	Vigilance, boredom proneness and detection time of a malfunction in partially automated driving. , 2015, , .		14
12	Heartbeat. , 2014, , .		12
13	Bayesian Highest Density Intervals of Take-Over Times for Highly Automated Driving in Different Traffic Densities. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 2009-2013.	0.3	12
14	Measurement of momentary user experience in an automotive context. , 2013, , .		9
15	User experience evaluation in an automotive context. , 2013, , .		8
16	Regulating the Heart Rate of Human“Electric Hybrid Vehicle Riders Under Energy Consumption Constraints Using an Optimal Control Approach. IEEE Transactions on Control Systems Technology, 2019, 27, 2125-2138.	5.2	8
17	The Periscope. , 2014, , .		6
18	A trouble shared is a trouble halved “ Usability measures for Human-Robot Collaboration. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Energy Flow. , 2014, , .		4
20	User experience evaluation in an automotive context. , 2013, , .		3
21	Take-Overs in Level 3 Automated Driving “ Proposal of the Take-Over Performance Score (TOPS). Advances in Intelligent Systems and Computing, 2019, , 436-446.	0.6	3