

# Katja Kircher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3281309/publications.pdf>

Version: 2024-02-01

34  
papers

866  
citations

567281

15  
h-index

501196

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of tunnel design and lighting on the performance of attentive and visually distracted drivers. <i>Accident Analysis and Prevention</i> , 2012, 47, 153-161.	5.7	118
2	Learning from experience: Familiarity with ACC and responding to a cut-in situation in automated driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 27, 229-237.	3.7	91
3	A Gaze-Based Driver Distraction Warning System and Its Effect on Visual Behavior. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013, 14, 965-973.	8.0	88
4	Minimum Required Attention: A Human-Centered Approach to Driver Inattention. <i>Human Factors</i> , 2017, 59, 471-484.	3.5	63
5	Vehicle-based studies of driving in the real world: The hard truth?. <i>Accident Analysis and Prevention</i> , 2013, 58, 162-174.	5.7	56
6	Continuous versus intermittent presentation of visual eco-driving advice. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 24, 27-38.	3.7	44
7	Interface design of eco-driving support systems – Truck drivers’ preferences and behavioural compliance. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 58, 706-720.	7.6	39
8	Bicyclists’ visual strategies when conducting self-paced vs. system-paced smartphone tasks in traffic. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 41, 204-216.	3.7	37
9	Changes in glance behaviour when using a visual eco-driving system – A field study. <i>Applied Ergonomics</i> , 2017, 58, 414-423.	3.1	35
10	Bicyclists’ speed adaptation strategies when conducting self-paced vs. system-paced smartphone tasks in traffic. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2015, 28, 55-64.	3.7	30
11	Evaluation of methods for the assessment of attention while driving. <i>Accident Analysis and Prevention</i> , 2018, 114, 40-47.	5.7	30
12	Performance of an Additional Task During Level 2 Automated Driving: An On-Road Study Comparing Drivers With and Without Experience With Partial Automation. <i>Human Factors</i> , 2018, 60, 778-792.	3.5	25
13	Event-related potentials as indices of mental workload while using an in-vehicle information system. <i>Cognition, Technology and Work</i> , 2019, 21, 55-67.	3.0	23
14	Cyclist efficiency and its dependence on infrastructure and usual speed. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 54, 148-158.	3.7	18
15	Truck Drivers’ Opinion on Road Safety in Tanzania – A Questionnaire Study. <i>Traffic Injury Prevention</i> , 2013, 14, 103-111.	1.4	17
16	Reduced Attention Allocation during Short Periods of Partially Automated Driving: An Event-Related Potentials Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 537.	2.0	17
17	Attentional requirements on cyclists and drivers in urban intersections. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 68, 105-117.	3.7	15
18	Effects of road surface appearance and low friction warning systems on driver behaviour and confidence in the warning system. <i>Ergonomics</i> , 2009, 52, 165-176.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Design and analysis of semi-controlled studies. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 46, 404-412.	3.7	13
20	Bicyclistsâ€™ adaptation strategies when interacting with text messages in urban environments. <i>Cognition, Technology and Work</i> , 2018, 20, 377-388.	3.0	11
21	Immoral and irrational cyclists? Exploring the practice of cycling on the pavement. <i>Mobilities</i> , 0, , 1-16.	3.8	11
22	A Review of Occlusion as a Tool to Assess Attentional Demand in Driving. <i>Human Factors</i> , 2023, 65, 792-808.	3.5	9
23	A Generalized Method to Extract Visual Time-Sharing Sequences From Naturalistic Driving Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 2929-2938.	8.0	8
24	Using smartphone logging to gain insight about phone use in traffic. <i>Cognition, Technology and Work</i> , 2020, 22, 181-191.	3.0	8
25	On the Difference Between Necessary and Unnecessary Glances Away From the Forward Roadway: An Occlusion Study on the Motorway. <i>Human Factors</i> , 2020, 62, 1117-1131.	3.5	8
26	Truck driversâ€™ interaction with cyclists in right-turn situations. <i>Accident Analysis and Prevention</i> , 2020, 142, 105515.	5.7	8
27	Attentional Demand as a Function of Contextual Factors in Different Traffic Scenarios. <i>Human Factors</i> , 2020, 62, 1171-1189.	3.5	6
28	Eye Tracking in Driver Attention Researchâ€”How Gaze Data Interpretations Influence What We Learn. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	1.1	6
29	Trade-offs in traffic: does being mainly a car driver or a cyclist affect adaptive behaviour while driving and cycling?. <i>European Transport Research Review</i> , 2020, 12, .	4.8	5
30	Tactical steering behaviour under irrevocable visual occlusion. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 55, 67-77.	3.7	4
31	Effects of training on truck driversâ€™ interaction with cyclists in a right turn. <i>Cognition, Technology and Work</i> , 2020, 22, 745-757.	3.0	4
32	Testing of bicycle lighting: Method development and evaluation. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 10, 100349.	2.7	3
33	Comparison of a time- and a speed-based traffic light assistance system. <i>Cognition, Technology and Work</i> , 2018, 20, 93-103.	3.0	2
34	How to improve the interaction between cyclists and truck drivers. <i>International Journal of Sustainable Society</i> , 2019, 11, 81.	0.1	0