Katja Kircher

List of Publications by Year
in descending order

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

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34	866	567281	501196
papers	citations	15 h-index	28 g-index

35	35	35	776
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of Occlusion as a Tool to Assess Attentional Demand in Driving. Human Factors, 2023, 65, 792-808.	3.5	9
2	Testing of bicycle lighting: Method development and evaluation. Transportation Research Interdisciplinary Perspectives, 2021, 10, 100349.	2.7	3
3	Eye Tracking in Driver Attention Researchâ€"How Gaze Data Interpretations Influence What We Learn. Frontiers in Neuroergonomics, 2021, 2, .	1.1	6
4	Using smartphone logging to gain insight about phone use in traffic. Cognition, Technology and Work, 2020, 22, 181-191.	3.0	8
5	Attentional Demand as a Function of Contextual Factors in Different Traffic Scenarios. Human Factors, 2020, 62, 1171-1189.	3.5	6
6	On the Difference Between Necessary and Unnecessary Glances Away From the Forward Roadway: An Occlusion Study on the Motorway. Human Factors, 2020, 62, 1117-1131.	3.5	8
7	Attentional requirements on cyclists and drivers in urban intersections. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 68, 105-117.	3.7	15
8	Truck driversâ€™ interaction with cyclists in right-turn situations. Accident Analysis and Prevention, 2020, 142, 105515.	5.7	8
9	Effects of training on truck driversâ€™ interaction with cyclists in a right turn. Cognition, Technology and Work, 2020, 22, 745-757.	3.0	4
10	Trade-offs in traffic: does being mainly a car driver or a cyclist affect adaptive behaviour while driving and cycling?. European Transport Research Review, 2020, 12, .	4.8	5
11	Event-related potentials as indices of mental workload while using an in-vehicle information system. Cognition, Technology and Work, 2019, 21, 55-67.	3.0	23
12	How to improve the interaction between cyclists and truck drivers. International Journal of Sustainable Society, 2019, 11, 81.	0.1	0
13	Cyclist efficiency and its dependence on infrastructure and usual speed. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 54, 148-158.	3.7	18
14	Comparison of a time- and a speed-based traffic light assistance system. Cognition, Technology and Work, 2018, 20, 93-103.	3.0	2
15	Bicyclistsâ€™ adaptation strategies when interacting with text messages in urban environments. Cognition, Technology and Work, 2018, 20, 377-388.	3.0	11
16	Tactical steering behaviour under irrevocable visual occlusion. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 55, 67-77.	3.7	4
17	Evaluation of methods for the assessment of attention while driving. Accident Analysis and Prevention, 2018, 114, 40-47.	5.7	30
18	Performance of an Additional Task During Level 2 Automated Driving: An On-Road Study Comparing Drivers With and Without Experience With Partial Automation. Human Factors, 2018, 60, 778-792.	3.5	25

#	Article	IF	Citations
19	A Generalized Method to Extract Visual Time-Sharing Sequences From Naturalistic Driving Data. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2929-2938.	8.0	8
20	Minimum Required Attention: A Human-Centered Approach to Driver Inattention. Human Factors, 2017, 59, 471-484.	3.5	63
21	Changes in glance behaviour when using a visual eco-driving system â€“ A field study. Applied Ergonomics, 2017, 58, 414-423.	3.1	35
22	Design and analysis of semi-controlled studies. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 46, 404-412.	3.7	13
23	Reduced Attention Allocation during Short Periods of Partially Automated Driving: An Event-Related Potentials Study. Frontiers in Human Neuroscience, 2017, 11, 537.	2.0	17
24	Bicyclistsâ€™ visual strategies when conducting self-paced vs. system-paced smartphone tasks in traffic. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 41, 204-216.	3.7	37
25	Interface design of eco-driving support systems â€“ Truck driversâ€™ preferences and behavioural compliance. Transportation Research Part C: Emerging Technologies, 2015, 58, 706-720.	7.6	39
26	Bicyclistsâ€™ speed adaptation strategies when conducting self-paced vs. system-paced smartphone tasks in traffic. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 28, 55-64.	3.7	30
27	Learning from experience: Familiarity with ACC and responding to a cut-in situation in automated driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 27, 229-237.	3.7	91
28	Continuous versus intermittent presentation of visual eco-driving advice. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 24, 27-38.	3.7	44
29	Vehicle-based studies of driving in the real world: The hard truth?. Accident Analysis and Prevention, 2013, 58, 162-174.	5.7	56
30	A Gaze-Based Driver Distraction Warning System and Its Effect on Visual Behavior. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 965-973.	8.0	88
31	Truck Driversâ€™ Opinion on Road Safety in Tanzaniaâ€”A Questionnaire Study. Traffic Injury Prevention, 2013, 14, 103-111.	1.4	17
32	The impact of tunnel design and lighting on the performance of attentive and visually distracted drivers. Accident Analysis and Prevention, 2012, 47, 153-161.	5.7	118
33	Effects of road surface appearance and low friction warning systems on driver behaviour and confidence in the warning system. Ergonomics, 2009, 52, 165-176.	2.1	14
34	Immoral and irrational cyclists? Exploring the practice of cycling on the pavement. Mobilities, 0, , 1-16.	3.8	11