

Anne Anund

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,023
citations

279798

23
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multi-Stage, Multi-Feature Machine Learning Approach to Detect Driver Sleepiness in Naturalistic Road Driving Conditions. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4791-4800.	8.0	21
2	Real-Time Adaptation of Driving Time and Rest Periods in Automated Long-Haul Trucking: Development of a System Based on Biomathematical Modelling, Fatigue and Relaxation Monitoring. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4758-4766.	8.0	5
3	Lessons learned from setting up a demonstration site with autonomous shuttle operation " based on experience from three cities in Europe. Journal of Urban Mobility, 2022, 2, 100021.	2.6	2
4	Threats and violence towards urban bus drivers in Sweden™: Drivers experiences and general recommendations to prevent violence and threats. Work, 2022, , 1-9.	1.1	0
5	Injury crashes and the relationship with disease causing excessive daytime sleepiness. Traffic Injury Prevention, 2021, 22, 272-277.	1.4	2
6	Effects of partially automated driving on the development of driver sleepiness. Accident Analysis and Prevention, 2021, 153, 106058.	5.7	21
7	Contributory factors to sleepiness amongst London bus drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 415-424.	3.7	16
8	Appraisal of a regional public transport project: A document and interview analysis on a light rail case in Sweden. Case Studies on Transport Policy, 2019, 7, 196-204.	2.5	2
9	Deriving heart rate variability indices from cardiac monitoring"An indicator of driver sleepiness. Traffic Injury Prevention, 2019, 20, 249-254.	1.4	33
10	The effect of an active steering system on city bus drivers™ muscle activity. International Journal of Occupational Safety and Ergonomics, 2019, 25, 377-385.	1.9	7
11	An on-road study of sleepiness in split shifts among city bus drivers. Accident Analysis and Prevention, 2018, 114, 71-76.	5.7	33
12	Effects of the road environment on the development of driver sleepiness in young male drivers. Accident Analysis and Prevention, 2018, 112, 127-134.	5.7	40
13	Comparison of outlier heartbeat identification and spectral transformation strategies for deriving heart rate variability indices for drivers at different stages of sleepiness. Traffic Injury Prevention, 2018, 19, S112-S119.	1.4	12
14	A comparison of driver sleepiness in the simulator and on the real road. Journal of Transportation Safety and Security, 2018, 10, 72-87.	1.6	23
15	The effect of daylight versus darkness on driver sleepiness: a driving simulator study. Journal of Sleep Research, 2018, 27, e12642.	3.2	28
16	Driving restrictions post-stroke: Physicians' compliance with regulations. Traffic Injury Prevention, 2017, 18, 477-480.	1.4	7
17	Local changes in the wake electroencephalogram precedes lane departures. Journal of Sleep Research, 2017, 26, 816-819.	3.2	13
18	Fatigue in transport: a review of exposure, risks, checks and controls. Transport Reviews, 2017, 37, 742-766.	8.8	40

#	ARTICLE	IF	CITATIONS
19	The severity of driver fatigue in terms of line crossing: a pilot study comparing day- and night time driving in simulator. <i>European Transport Research Review</i> , 2017, 9, .	4.8	18
20	Video-based observer rated sleepiness versus self-reported subjective sleepiness in real road driving. <i>European Transport Research Review</i> , 2015, 7, .	4.8	24
21	The Effect of Low-Frequency Road Noise on Driver Sleepiness and Performance. <i>PLoS ONE</i> , 2015, 10, e0123835.	2.5	8
22	Subjective sleepiness is a sensitive indicator of insufficient sleep and impaired waking function. <i>Journal of Sleep Research</i> , 2014, 23, 242-254.	3.2	224
23	Real driving at night – Predicting lane departures from physiological and subjective sleepiness. <i>Biological Psychology</i> , 2014, 101, 18-23.	2.2	53
24	Sleep-related eye symptoms and their potential for identifying driver sleepiness. <i>Journal of Sleep Research</i> , 2014, 23, 568-575.	3.2	26
25	Fit-for-duty test for estimation of drivers'™ sleepiness level: Eye movements improve the sleep/wake predictor. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 26, 20-32.	7.6	56
26	Sleepy driving on the real road and in the simulator – A comparison. <i>Accident Analysis and Prevention</i> , 2013, 50, 44-50.	5.7	124
27	Having to stop driving at night because of dangerous sleepiness – awareness, physiology and behaviour. <i>Journal of Sleep Research</i> , 2013, 22, 380-388.	3.2	56
28	In-Car Nocturnal Blue Light Exposure Improves Motorway Driving: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e46750.	2.5	52
29	Detecting Driver Sleepiness Using Optimized Nonlinear Combinations of Sleepiness Indicators. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2011, 12, 97-108.	8.0	67
30	The Characteristics of Sleepiness During Real Driving at Night – A Study of Driving Performance, Physiology and Subjective Experience. <i>Sleep</i> , 2011, 34, 1317-1325.	1.1	80
31	Reaction of sleepiness indicators to partial sleep deprivation, time of day and time on task in a driving simulator - the DROWSI project. <i>Journal of Sleep Research</i> , 2010, 19, 298-309.	3.2	98
32	Wakefulness in young and elderly subjects driving at night in a car simulator. <i>Accident Analysis and Prevention</i> , 2009, 41, 1001-1007.	5.7	57
33	The Effects of Driving Situation on Sleepiness Indicators after Sleep Loss: A Driving Simulator Study. <i>Industrial Health</i> , 2009, 47, 393-401.	1.0	34
34	The alerting effect of hitting a rumble strip – A simulator study with sleepy drivers. <i>Accident Analysis and Prevention</i> , 2008, 40, 1970-1976.	5.7	77
35	Driver impairment at night and its relation to physiological sleepiness. <i>Scandinavian Journal of Work, Environment and Health</i> , 2008, 34, 142-150.	3.4	68
36	Subjective sleepiness, simulated driving performance and blink duration: examining individual differences. <i>Journal of Sleep Research</i> , 2006, 15, 47-53.	3.2	273

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37	Subjective sleepiness and accident risk avoiding the ecological fallacy. Journal of Sleep Research, 2006, 15, 142-148.	3.2	98
38	Impaired alertness and performance driving home from the night shift: a driving simulator study. Journal of Sleep Research, 2005, 14, 17-20.	3.2	225