

# Anna Anund

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,185  
citations

236925

25  
h-index

302126

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1556  
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	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
3	Rumble Strips, Continuous Shoulder, and Centerline. , 2021, , 549-553.		0
4	Effects of partially automated driving on the development of driver sleepiness. Accident Analysis and Prevention, 2021, 153, 106058.	5.7	21
5	Contributory factors to sleepiness amongst London bus drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 415-424.	3.7	16
6	Deriving heart rate variability indices from cardiac monitoring™An indicator of driver sleepiness. Traffic Injury Prevention, 2019, 20, 249-254.	1.4	33
7	An on-road study of sleepiness in split shifts among city bus drivers. Accident Analysis and Prevention, 2018, 114, 71-76.	5.7	33
8	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
9	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
10	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
11	Association of Drivers™ sleepiness with heart rate variability: A Pilot Study with Drivers on Real Roads. IFMBE Proceedings, 2018, , 149-152.	0.3	9
12	The effect of daylight versus darkness on driver sleepiness: a driving simulator study. Journal of Sleep Research, 2018, 27, e12642.	3.2	28
13	Effectiveness and acceptability of milled rumble strips on rural two-lane roads in Sweden. European Transport Research Review, 2017, 9, .	4.8	4
14	The severity of driver fatigue in terms of line crossing: a pilot study comparing day- and night time driving in simulator. European Transport Research Review, 2017, 9, .	4.8	18
15	Factors associated with self-reported driver sleepiness and incidents in city bus drivers. Industrial Health, 2016, 54, 337-346.	1.0	40
16	Do repeated rumble strip hits improve driver alertness?. Journal of Sleep Research, 2016, 25, 241-247.	3.2	10
17	Video-based observer rated sleepiness versus self-reported subjective sleepiness in real road driving. European Transport Research Review, 2015, 7, .	4.8	24
18	The Effect of Low-Frequency Road Noise on Driver Sleepiness and Performance. PLoS ONE, 2015, 10, e0123835.	2.5	8

#	ARTICLE	IF	CITATIONS
19	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
20	Real driving at night – Predicting lane departures from physiological and subjective sleepiness. <i>Biological Psychology</i> , 2014, 101, 18-23.	2.2	53
21	Sleep-related eye symptoms and their potential for identifying driver sleepiness. <i>Journal of Sleep Research</i> , 2014, 23, 568-575.	3.2	26
22	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
23	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
24	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
25	Observer Rated Sleepiness and Real Road Driving: An Explorative Study. <i>PLoS ONE</i> , 2013, 8, e64782.	2.5	38
26	In-Car Nocturnal Blue Light Exposure Improves Motorway Driving: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e46750.	2.5	52
27	In-car countermeasures open window and music revisited on the real road: popular but hardly effective against driver sleepiness. <i>Journal of Sleep Research</i> , 2012, 21, 595-599.	3.2	41
28	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
29	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
30	Rumble Strips in Centre of the Lane and the Effect on Sleepy Drivers. <i>Industrial Health</i> , 2011, 49, 549-558.	1.0	9
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	Sleepiness and prediction of driver impairment in simulator studies using a Cox proportional hazard approach. <i>Accident Analysis and Prevention</i> , 2010, 42, 835-841.	5.7	18
33	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
34	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
35	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
36	Driver sleepiness and individual differences in preferences for countermeasures. <i>Journal of Sleep Research</i> , 2008, 17, 16-22.	3.2	65

#	ARTICLE	IF	CITATIONS
37	Driver impairment at night and its relation to physiological sleepiness. Scandinavian Journal of Work, Environment and Health, 2008, 34, 142-150.	3.4	68
38	Subjective sleepiness, simulated driving performance and blink duration: examining individual differences. Journal of Sleep Research, 2006, 15, 47-53.	3.2	273
39	Subjective sleepiness and accident risk avoiding the ecological fallacy. Journal of Sleep Research, 2006, 15, 142-148.	3.2	98
40	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