

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	Subjective sleepiness, simulated driving performance and blink duration: examining individual differences. <i>Journal of Sleep Research</i> , 2006, 15, 47-53.	3.2	273
2	Impaired alertness and performance driving home from the night shift: a driving simulator study. <i>Journal of Sleep Research</i> , 2005, 14, 17-20.	3.2	225
3	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
4	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
5	Subjective sleepiness and accident risk avoiding the ecological fallacy. <i>Journal of Sleep Research</i> , 2006, 15, 142-148.	3.2	98
6	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
7	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
8	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
9	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
10	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
11	Driver sleepiness and individual differences in preferences for countermeasures. <i>Journal of Sleep Research</i> , 2008, 17, 16-22.	3.2	65
12	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
13	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
14	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
15	Real driving at night – Predicting lane departures from physiological and subjective sleepiness. <i>Biological Psychology</i> , 2014, 101, 18-23.	2.2	53
16	In-Car Nocturnal Blue Light Exposure Improves Motorway Driving: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e46750.	2.5	52
17	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
18	Factors associated with self-reported driver sleepiness and incidents in city bus drivers. <i>Industrial Health</i> , 2016, 54, 337-346.	1.0	40

#	ARTICLE	IF	CITATIONS
19	Effects of the road environment on the development of driver sleepiness in young male drivers. <i>Accident Analysis and Prevention</i> , 2018, 112, 127-134.	5.7	40
20	Observer Rated Sleepiness and Real Road Driving: An Explorative Study. <i>PLoS ONE</i> , 2013, 8, e64782.	2.5	38
21	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
22	An on-road study of sleepiness in split shifts among city bus drivers. <i>Accident Analysis and Prevention</i> , 2018, 114, 71-76.	5.7	33
23	Deriving heart rate variability indices from cardiac monitoring – An indicator of driver sleepiness. <i>Traffic Injury Prevention</i> , 2019, 20, 249-254.	1.4	33
24	The effect of daylight versus darkness on driver sleepiness: a driving simulator study. <i>Journal of Sleep Research</i> , 2018, 27, e12642.	3.2	28
25	Sleep-related eye symptoms and their potential for identifying driver sleepiness. <i>Journal of Sleep Research</i> , 2014, 23, 568-575.	3.2	26
26	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
27	A comparison of driver sleepiness in the simulator and on the real road. <i>Journal of Transportation Safety and Security</i> , 2018, 10, 72-87.	1.6	23
28	A Multi-Stage, Multi-Feature Machine Learning Approach to Detect Driver Sleepiness in Naturalistic Road Driving Conditions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 4791-4800.	8.0	21
29	Effects of partially automated driving on the development of driver sleepiness. <i>Accident Analysis and Prevention</i> , 2021, 153, 106058.	5.7	21
30	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
31	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
32	Contributory factors to sleepiness amongst London bus drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 73, 415-424.	3.7	16
33	Comparison of outlier heartbeat identification and spectral transformation strategies for deriving heart rate variability indices for drivers at different stages of sleepiness. <i>Traffic Injury Prevention</i> , 2018, 19, S112-S119.	1.4	12
34	Do repeated rumble strip hits improve driver alertness?. <i>Journal of Sleep Research</i> , 2016, 25, 241-247.	3.2	10
35	Association of Drivers'™ sleepiness with heart rate variability: A Pilot Study with Drivers on Real Roads. <i>IFMBE Proceedings</i> , 2018, , 149-152.	0.3	9
36	Rumble Strips in Centre of the Lane and the Effect on Sleepy Drivers. <i>Industrial Health</i> , 2011, 49, 549-558.	1.0	9

#	ARTICLE	IF	CITATIONS
37	The Effect of Low-Frequency Road Noise on Driver Sleepiness and Performance. PLoS ONE, 2015, 10, e0123835.	2.5	8
38	Effectiveness and acceptability of milled rumble strips on rural two-lane roads in Sweden. European Transport Research Review, 2017, 9, .	4.8	4
39	Rumble Strips, Continuous Shoulder, and Centerline. , 2021, , 549-553.		0
40	Threats and violence towards urban bus drivers in Swedenâ€™: Drivers experiences and general recommendations to prevent violence and threats. Work, 2022, , 1-9.	1.1	0