

# Anne Anund

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4689178/publications.pdf>

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  | 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 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | Real driving at night – Predicting lane departures from physiological and subjective sleepiness. <i>Biological Psychology</i> , 2014, 101, 18-23.   | 2.2 | 53        |
| 15 | In-Car Nocturnal Blue Light Exposure Improves Motorway Driving: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e46750.   | 2.5 | 52        |
| 16 | Fatigue in transport: a review of exposure, risks, checks and controls. <i>Transport Reviews</i> , 2017, 37, 742-766.   | 8.8 | 40        |
| 17 | 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        |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | Sleep-related eye symptoms and their potential for identifying driver sleepiness. <i>Journal of Sleep Research</i> , 2014, 23, 568-575.   | 3.2 | 26        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Effects of partially automated driving on the development of driver sleepiness. <i>Accident Analysis and Prevention</i> , 2021, 153, 106058.  | 5.7 | 21        |
| 27 | 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        |
| 28 | 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        |
| 29 | Local changes in the wake electroencephalogram precedes lane departures. <i>Journal of Sleep Research</i> , 2017, 26, 816-819.  | 3.2 | 13        |
| 30 | 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        |
| 31 | The Effect of Low-Frequency Road Noise on Driver Sleepiness and Performance. <i>PLoS ONE</i> , 2015, 10, e0123835.  | 2.5 | 8         |
| 32 | Driving restrictions post-stroke: Physicians' compliance with regulations. <i>Traffic Injury Prevention</i> , 2017, 18, 477-480.  | 1.4 | 7         |
| 33 | The effect of an active steering system on city bus drivers' muscle activity. <i>International Journal of Occupational Safety and Ergonomics</i> , 2019, 25, 377-385.   | 1.9 | 7         |
| 34 | 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. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 4758-4766. | 8.0 | 5         |
| 35 | Appraisal of a regional public transport project: A document and interview analysis on a light rail case in Sweden. <i>Case Studies on Transport Policy</i> , 2019, 7, 196-204.   | 2.5 | 2         |
| 36 | Injury crashes and the relationship with disease causing excessive daytime sleepiness. <i>Traffic Injury Prevention</i> , 2021, 22, 272-277.  | 1.4 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Lessons learned from setting up a demonstration site with autonomous shuttle operation “ based on experience from three cities in Europe. <i>Journal of Urban Mobility</i> , 2022, 2, 100021. | 2.6 | 2         |
| 38 | Threats and violence towards urban bus drivers in Sweden™: Drivers experiences and general recommendations to prevent violence and threats. <i>Work</i> , 2022, , 1-9.                        | 1.1 | 0         |