

John Axelsson

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

5,665
citations

81839

39
h-index

85498

71
g-index

114
all docs

114
docs citations

114
times ranked

6698
citing authors

#	ARTICLE	IF	CITATIONS
1	Health consequences of shift work and insufficient sleep. <i>BMJ</i> , The, 2016, 355, i5210.	3.0	669
2	Less effective executive functioning after one night's sleep deprivation. <i>Journal of Sleep Research</i> , 2005, 14, 1-6.	1.7	284
3	The Scent of Disease. <i>Psychological Science</i> , 2014, 25, 817-823.	1.8	227
4	Subjective sleepiness is a sensitive indicator of insufficient sleep and impaired waking function. <i>Journal of Sleep Research</i> , 2014, 23, 242-254.	1.7	224
5	Circadian Entrainment to the Natural Light-Dark Cycle across Seasons and the Weekend. <i>Current Biology</i> , 2017, 27, 508-513.	1.8	200
6	Impaired sleep after bedtime stress and worries. <i>Biological Psychology</i> , 2007, 76, 170-173.	1.1	196
7	Effects of Acutely Displaced Sleep on Testosterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4530-4535.	1.8	153
8	Cues of Fatigue: Effects of Sleep Deprivation on Facial Appearance. <i>Sleep</i> , 2013, 36, 1355-1360.	0.6	141
9	Naps, cognition and performance. <i>Sleep Medicine Reviews</i> , 2010, 14, 249-258.	3.8	139
10	Tolerance to shift work?how does it relate to sleep and wakefulness?. <i>International Archives of Occupational and Environmental Health</i> , 2004, 77, 121-129.	1.1	135
11	Predicting sleep quality from stress and prior sleep – A study of day-to-day covariation across sixweeks. <i>Sleep Medicine</i> , 2012, 13, 674-679.	0.8	133
12	The Effects of a Short Daytime Nap After Restricted Night Sleep. <i>Sleep</i> , 1996, 19, 570-575.	0.6	123
13	Behavioral and neural correlates to multisensory detection of sick humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6400-6405.	3.3	116
14	Sleepiness and Performance in Response to Repeated Sleep Restriction and Subsequent Recovery during Semi-Laboratory Conditions. <i>Chronobiology International</i> , 2008, 25, 297-308.	0.9	105
15	Diurnal Variation of Circulating Interleukin-6 in Humans: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0165799.	1.1	102
16	Sleep and Sleepiness in Young Individuals with High Burnout Scores. <i>Sleep</i> , 2004, 27, 1369-1377.	0.6	100
17	Efficacy of a behavioral self-help treatment with or without therapist guidance for co-morbid and primary insomnia -a randomized controlled trial. <i>BMC Psychiatry</i> , 2012, 12, 5.	1.1	99
18	Lipopolysaccharide Alters Motivated Behavior in a Monetary Reward Task: a Randomized Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 801-810.	2.8	96

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19	Modality and sex differences in pain sensitivity during human endotoxemia. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 35-43.	2.0	84
20	Mood disturbance during experimental endotoxemia: Predictors of state anxiety as a psychological component of sickness behavior. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 30-37.	2.0	83
21	Beauty sleep: experimental study on the perceived health and attractiveness of sleep deprived people. <i>BMJ, The</i> , 2010, 341, c6614-c6614.	3.0	81
22	Why sickness hurts: A central mechanism for pain induced by peripheral inflammation. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 38-46.	2.0	77
23	Effects of Sustained Sleep Restriction on Mitogen-Stimulated Cytokines, Chemokines and T Helper 1/ T Helper 2 Balance in Humans. <i>PLoS ONE</i> , 2013, 8, e82291.	1.1	76
24	Sleep Homeostasis During Repeated Sleep Restriction and Recovery: Support from EEG Dynamics. <i>Sleep</i> , 2009, 32, 217-222.	0.6	75
25	Sex differences in how inflammation affects behavior: What we can learn from experimental inflammatory models in humans. <i>Frontiers in Neuroendocrinology</i> , 2018, 50, 91-106.	2.5	75
26	Identification of acutely sick people and facial cues of sickness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172430.	1.2	64
27	Relationships Between Questionnaire Ratings of Sleep Quality and Polysomnography in Healthy Adults. <i>Behavioral Sleep Medicine</i> , 2016, 14, 185-199.	1.1	63
28	Hormonal changes in satisfied and dissatisfied shift workers across a shift cycle. <i>Journal of Applied Physiology</i> , 2003, 95, 2099-2105.	1.2	62
29	Intrinsic functional connectivity of insular cortex and symptoms of sickness during acute experimental inflammation. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 34-41.	2.0	61
30	Short natural sleep is associated with higher T cell and lower NK cell activities. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1367-1375.	2.0	60
31	Effect of long-term sleep restriction and subsequent recovery sleep on the diurnal rhythms of white blood cell subpopulations. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 93-99.	2.0	60
32	Low-grade inflammation may moderate the effect of behavioral treatment for chronic pain in adults. <i>Journal of Behavioral Medicine</i> , 2016, 39, 916-924.	1.1	58
33	Use of Subjective and Physiological Indicators of Sleepiness to Predict Performance during a Vigilance Task. <i>Industrial Health</i> , 2007, 45, 520-526.	0.4	55
34	Do sleep, stress, and illness explain daily variations in fatigue? A prospective study. <i>Journal of Psychosomatic Research</i> , 2014, 76, 280-285.	1.2	54
35	Sick man walking: Perception of health status from body motion. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 53-56.	2.0	50
36	Skin colour changes during experimentally-induced sickness. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 312-318.	2.0	49

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37	A global measure of sickness behaviour: Development of the Sickness Questionnaire. <i>Journal of Health Psychology</i> , 2018, 23, 1452-1463.	1.3	49
38	Mood impairment is stronger in young than in older adults after sleep deprivation. <i>Journal of Sleep Research</i> , 2019, 28, e12801.	1.7	47
39	Accounting for Partial Sleep Deprivation and Cumulative Sleepiness in the Three-Process Model of Alertness Regulation. <i>Chronobiology International</i> , 2008, 25, 309-319.	0.9	46
40	Screening for Sleep Disorders in Pediatric Primary Care. <i>Clinical Pediatrics</i> , 2012, 51, 1125-1129.	0.4	43
41	Sleepiness as motivation: a potential mechanism for how sleep deprivation affects behavior. <i>Sleep</i> , 2020, 43, .	0.6	38
42	People expressing olfactory and visual cues of disease are less liked. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190272.	1.8	35
43	Eyelid-openness and mouth curvature influence perceived intelligence beyond attractiveness.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 603-620.	1.5	33
44	Circadian Variability of Cystatin C, Creatinine, and Glomerular Filtration Rate (GFR) in Healthy Men during Normal Sleep and after an Acute Shift of Sleep. <i>Chronobiology International</i> , 2008, 25, 1047-1061.	0.9	32
45	Effects of Context on Sleepiness Self-Ratings during Repeated Partial Sleep Deprivation. <i>Chronobiology International</i> , 2008, 25, 271-278.	0.9	32
46	Fatigue and sleepiness responses to experimental inflammation and exploratory analysis of the effect of baseline inflammation in healthy humans. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 309-314.	2.0	32
47	Subjective health perception in healthy young men changes in response to experimentally restricted sleep and subsequent recovery sleep. <i>Brain, Behavior, and Immunity</i> , 2013, 34, 43-46.	2.0	31
48	The daily variation in sleepiness and its relation to the preceding sleep episode—a prospective study across 42 days of normal living. <i>Journal of Sleep Research</i> , 2013, 22, 258-265.	1.7	31
49	Effect of sleep deprivation on emotional working memory. <i>Journal of Sleep Research</i> , 2019, 28, e12744.	1.7	30
50	Multimodal Emotion Recognition Is Resilient to Insufficient Sleep: Results From Cross-Sectional and Experimental Studies. <i>Sleep</i> , 2017, 40, .	0.6	29
51	Sleepiness, sleep duration, and human social activity: An investigation into bidirectionality using longitudinal time-use data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21209-21217.	3.3	29
52	The effects of asking for verbal ratings of sleepiness on sleepiness and its masking effects on performance. <i>Clinical Neurophysiology</i> , 2007, 118, 1324-1331.	0.7	28
53	Influences of sleep and the circadian rhythm on iron-status indices. <i>Clinical Biochemistry</i> , 2010, 43, 1323-1328.	0.8	28
54	Negative effects of restricted sleep on facial appearance and social appeal. <i>Royal Society Open Science</i> , 2017, 4, 160918.	1.1	28

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55	Impact of sleep inertia on visual selective attention for rare targets and the influence of chronotype. <i>Journal of Sleep Research</i> , 2017, 26, 551-558.	1.7	27
56	Health anxiety in a disease-avoidance framework: Investigation of anxiety, disgust and disease perception in response to sickness cues.. <i>Journal of Abnormal Psychology</i> , 2016, 125, 868-878.	2.0	26
57	CIRCADIAN VARIABILITY OF BILIRUBIN IN HEALTHY MEN DURING NORMAL SLEEP AND AFTER AN ACUTE SHIFT OF SLEEP. <i>Chronobiology International</i> , 2009, 26, 1613-1621.	0.9	23
58	Sickness behavior is not all about the immune response: Possible roles of expectations and prediction errors in the worry of being sick. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 213-221.	2.0	23
59	Recovery after Shift Work: Relation to Coronary Risk Factors in Women. <i>Chronobiology International</i> , 2006, 23, 1115-1124.	0.9	22
60	Development of atopic disease and disturbed sleep in childhood and adolescence – a longitudinal population-based study. <i>Clinical and Experimental Allergy</i> , 2013, 43, 552-559.	1.4	22
61	Sleep deprivation and its effects on communication during individual and collaborative tasks. <i>Scientific Reports</i> , 2019, 9, 3131.	1.6	22
62	Emotional expressions of the sick face. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 286-291.	2.0	20
63	The Association Between Shift Work and Immunological Biomarkers in Nurses. <i>Frontiers in Public Health</i> , 2020, 8, 415.	1.3	20
64	Sleep during naturally occurring respiratory infections: A pilot study. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 236-243.	2.0	19
65	Poor sleep quality is associated with worse self-rated health in long sleep duration but not short sleep duration. <i>Sleep Medicine</i> , 2021, 88, 262-266.	0.8	19
66	Detection of Inflammation via Volatile Cues in Human Urine. <i>Chemical Senses</i> , 2018, 43, 711-719.	1.1	18
67	Effects of Examination Stress on Psychological Responses, Sleep and Allergic Symptoms in Atopic and Non-Atopic Students. <i>International Journal of Behavioral Medicine</i> , 2009, 16, 305-310.	0.8	17
68	Biological motion during inflammation in humans. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 147-153.	2.0	17
69	Sleeping during the day: effects on the 24-h patterns of IGF-binding protein 1, insulin, glucose, cortisol, and growth hormone. <i>European Journal of Endocrinology</i> , 2010, 163, 383-390.	1.9	16
70	Individual validation of model predictions of sleepiness and sleep hours. <i>Somnologie</i> , 2007, 11, 169-174.	0.9	15
71	Communication of health in experimentally sick men and women: A pilot study. <i>Psychoneuroendocrinology</i> , 2018, 87, 188-195.	1.3	15
72	The effect of sleep deprivation on objective and subjective measures of facial appearance. <i>Journal of Sleep Research</i> , 2019, 28, e12860.	1.7	15

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73	Sleep Polysomnography and Reported Stress Across 6 Weeks. <i>Industrial Health</i> , 2014, 52, 36-42.	0.4	14
74	Banking Sleep and Biological Sleep Need. <i>Sleep</i> , 2015, 38, 1843-1845.	0.6	14
75	The effect of a transient immune activation on subjective health perception in two placebo controlled randomised experiments. <i>PLoS ONE</i> , 2019, 14, e0212313.	1.1	14
76	Vulnerability in Executive Functions to Sleep Deprivation Is Predicted by Subclinical Attention-Deficit/Hyperactivity Disorder Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 290-298.	1.1	14
77	Quantifying Cognitive Impairment After Sleep Deprivation at Different Times of Day: A Proof of Concept Using Ultra-Short Smartphone-Based Tests. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 666146.	1.0	14
78	Anterior insula morphology and vulnerability to psychopathology-related symptoms in response to acute inflammation. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 9-16.	2.0	13
79	Night shift work increases the risk for type 2 diabetes. <i>Evidence-Based Medicine</i> , 2012, 17, 193-194.	0.6	12
80	Thank god it's Friday – sleep improved. <i>Journal of Sleep Research</i> , 2017, 26, 567-571.	1.7	12
81	Yawning, a thermoregulatory mechanism during fever? A study of yawning frequency and its predictors during experimentally induced sickness. <i>Physiology and Behavior</i> , 2017, 182, 27-33.	1.0	11
82	Positivity Effect and Working Memory Performance Remains Intact in Older Adults After Sleep Deprivation. <i>Frontiers in Psychology</i> , 2019, 10, 605.	1.1	11
83	Patients with ME/CFS (Myalgic Encephalomyelitis/Chronic Fatigue Syndrome) and chronic pain report similar level of sickness behavior as individuals injected with bacterial endotoxin at peak inflammation. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 2, 100028.	1.3	11
84	Olfactory Communication of Sickness Cues in Respiratory Infection. <i>Frontiers in Psychology</i> , 2020, 11, 1004.	1.1	11
85	Learning in a simple biological system: a pilot study of classical conditioning of human macrophages in vitro. <i>Behavioral and Brain Functions</i> , 2011, 7, 47.	1.4	10
86	Diurnal variability of total calcium during normal sleep and after an acute shift of sleep. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 147-51.	1.4	10
87	Framing effect, probability distortion, and gambling tendency without feedback are resistant to two nights of experimental sleep restriction. <i>Scientific Reports</i> , 2019, 9, 8554.	1.6	9
88	20th International Symposium on Shiftwork and Working Time: Biological Mechanisms, Recovery, and Risk Management in the 24-h Society. <i>Chronobiology International</i> , 2012, 29, 531-536.	0.9	7
89	Human sickness detection is not dependent on cultural experience. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210922.	1.2	7
90	Deep Learning for Identification of Acute Illness and Facial Cues of Illness. <i>Frontiers in Medicine</i> , 2021, 8, 661309.	1.2	7

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91	Acute inflammation and psychomotor slowing: Experimental assessment using lipopolysaccharide administration in healthy humans. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 8, 100130.	1.3	6
92	Scientists Against War: A Plea to World Leaders for Better Governance. <i>Sleep and Vigilance</i> , 2022, 6, 1-6.	0.4	6
93	Subjective and objective quality of sleep. <i>Somnologie</i> , 2008, 12, 104-109.	0.9	5
94	Low diurnal variability of apolipoprotein A1, apolipoprotein B and apolipoprotein B/apolipoprotein A1 ratio during normal sleep and after an acute shift of sleep. <i>Clinical Biochemistry</i> , 2008, 41, 859-862.	0.8	5
95	The pain alarm response - an example of how conscious awareness shapes pain perception. <i>Scientific Reports</i> , 2019, 9, 12478.	1.6	5
96	Regulation of emotions during experimental endotoxemia: A pilot study. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 420-424.	2.0	5
97	Does insufficient sleep affect how you learn from reward or punishment? Reinforcement learning after 2 nights of sleep restriction. <i>Journal of Sleep Research</i> , 2021, 30, e13236.	1.7	4
98	Sickness and sleep health predict frustration and affective responses to a frustrating trigger. <i>Scientific Reports</i> , 2021, 11, 1542.	1.6	3
99	Sleep Homeostasis During Repeated Sleep Restriction and Recovery: Support from EEG Dynamics. <i>Sleep</i> , 2009, , .	0.6	2
100	How can we improve identification of contagious individuals? Factors influencing sickness detection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182005.	1.2	2
101	Man flu is related to health communication rather than symptoms and suffering. <i>BMJ: British Medical Journal</i> , 2018, 360, k450.	2.4	2
102	Objective and Subjective Sleep in Rheumatoid Arthritis and Severe Seasonal Allergy: Preliminary Assessments of the Role of Sickness, Central and Peripheral Inflammation. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 775-789.	1.4	2
103	Sleep and shift work. , 2018, , .		2
104	Do Mothers Have Worse Sleep Than Fathers? Sleep Imbalance, Parental Stress, and Relationship Satisfaction in Working Parents. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1955-1966.	1.4	2
105	Optimizing Shift Scheduling. , 2017, , 742-749.e4.		1
106	Sleepiness can disturb our social life. <i>TheScienceBreaker</i> , 2021, 07, .	0.0	0