# John Axelsson

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9063834/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | Anterior insula morphology and vulnerability to psychopathology-related symptoms in response to acute inflammation. Brain, Behavior, and Immunity, 2022, 99, 9-16. | 2.0 | 13 |
| 2 | Scientists Against War: A Plea to World Leaders for Better Governance. Sleep and Vigilance, 2022, 6, 1-6. | 0.4 | 6 |
| 3 | Does insufficient sleep affect how you learn from reward or punishment? Reinforcement learning after 2 nights of sleep restriction. Journal of Sleep Research, 2021, 30, e13236. | 1.7 | 4 |
| 4 | Vulnerability in Executive Functions to Sleep Deprivation Is Predicted by Subclinical Attention-Deficit/Hyperactivity Disorder Symptoms. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 290-298. | 1.1 | 14 |
| 5 | Sleepiness can disturb our social life. TheScienceBreaker, 2021, 07, . | 0.0 | 0 |
| 6 | Regulation of emotions during experimental endotoxemia: A pilot study. Brain, Behavior, and Immunity, 2021, 93, 420-424. | 2.0 | 5 |
| 7 | Quantifying Cognitive Impairment After Sleep Deprivation at Different Times of Day: A Proof of Concept Using Ultra-Short Smartphone-Based Tests. Frontiers in Behavioral Neuroscience, 2021, 15, 666146. | 1.0 | 14 |
| 8 | Objective and Subjective Sleep in Rheumatoid Arthritis and Severe Seasonal Allergy: Preliminary Assessments of the Role of Sickness, Central and Peripheral Inflammation. Nature and Science of Sleep, 2021, Volume 13, 775-789. | 1.4 | 2 |
| 9 | Human sickness detection is not dependent on cultural experience. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210922. | 1.2 | 7 |
| 10 | Deep Learning for Identification of Acute Illness and Facial Cues of Illness. Frontiers in Medicine, 2021, 8, 661309. | 1.2 | 7 |
| 11 | Sickness and sleep health predict frustration and affective responses to a frustrating trigger. Scientific Reports, 2021, 11, 1542. | 1.6 | 3 |
| 12 | Poor sleep quality is associated with worse self-rated health in long sleep duration but not short sleep duration. Sleep Medicine, 2021, 88, 262-266. | 0.8 | 19 |
| 13 | Do Mothers Have Worse Sleep Than Fathers? Sleep Imbalance, Parental Stress, and Relationship Satisfaction in Working Parents. Nature and Science of Sleep, 2021, Volume 13, 1955-1966. | 1.4 | 2 |
| 14 | Fatigue and sleepiness responses to experimental inflammation and exploratory analysis of the effect of baseline inflammation in healthy humans. Brain, Behavior, and Immunity, 2020, 83, 309-314. | 2.0 | 32 |
| 15 | 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. Brain, Behavior, & Immunity - Health, 2020, 2, 100028. | 1.3 | 11 |
| 16 | Sleepiness as motivation: a potential mechanism for how sleep deprivation affects behavior. Sleep, 2020, 43, . | 0.6 | 38 |
| 17 | Biological motion during inflammation in humans. Brain, Behavior, and Immunity, 2020, 84, 147-153. | 2.0 | 17 |
| 18 | Acute inflammation and psychomotor slowing: Experimental assessment using lipopolysaccharide administration in healthy humans. Brain, Behavior, & Immunity - Health, 2020, 8, 100130. | 1.3 | 6 |

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|---|---|---|---|
| 19 | The Association Between Shift Work and Immunological Biomarkers in Nurses. Frontiers in Public Health, 2020, 8, 415. | 1.3 | 20 |
| 20 | Sleepiness, sleep duration, and human social activity: An investigation into bidirectionality using longitudinal time-use data. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21209-21217. | 3.3 | 29 |
| 21 | People expressing olfactory and visual cues of disease are less liked. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190272. | 1.8 | 35 |
| 22 | Olfactory Communication of Sickness Cues in Respiratory Infection. Frontiers in Psychology, 2020, 11, 1004. | 1.1 | 11 |
| 23 | Effect of sleep deprivation on emotional working memory. Journal of Sleep Research, 2019, 28, e12744. | 1.7 | 30 |
| 24 | The pain alarm response - an example of how conscious awareness shapes pain perception. Scientific Reports, 2019, 9, 12478. | 1.6 | 5 |
| 25 | Framing effect, probability distortion, and gambling tendency without feedback are resistant to two nights of experimental sleep restriction. Scientific Reports, 2019, 9, 8554. | 1.6 | 9 |
| 26 | The effect of sleep deprivation on objective and subjective measures of facial appearance. Journal of Sleep Research, 2019, 28, e12860. | 1.7 | 15 |
| 27 | Sleep deprivation and its effects on communication during individual and collaborative tasks. Scientific Reports, 2019, 9, 3131. | 1.6 | 22 |
| 28 | The effect of a transient immune activation on subjective health perception in two placebo controlled randomised experiments. PLoS ONE, 2019, 14, e0212313. | 1.1 | 14 |
| 29 | Positivity Effect and Working Memory Performance Remains Intact in Older Adults After Sleep Deprivation. Frontiers in Psychology, 2019, 10, 605. | 1.1 | 11 |
| 30 | Emotional expressions of the sick face. Brain, Behavior, and Immunity, 2019, 80, 286-291. | 2.0 | 20 |
| 31 | Sleep during naturally occurring respiratory infections: A pilot study. Brain, Behavior, and Immunity, 2019, 79, 236-243. | 2.0 | 19 |
| 32 | Mood impairment is stronger in young than in older adults after sleep deprivation. Journal of Sleep Research, 2019, 28, e12801. | 1.7 | 47 |
| 33 | Identification of acutely sick people and facial cues of sickness. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172430. | 1.2 | 64 |
| 34 | A global measure of sickness behaviour: Development of the Sickness Questionnaire. Journal of Health Psychology, 2018, 23, 1452-1463. | 1.3 | 49 |
| 35 | Communication of health in experimentally sick men and women: A pilot study. Psychoneuroendocrinology, 2018, 87, 188-195. | 1.3 | 15 |
| 36 | How can we improve identification of contagious individuals? Factors influencing sickness detection. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182005. | 1.2 | 2 |

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|---|---|---|---|
| 37 | Detection of Inflammation via Volatile Cues in Human Urine. Chemical Senses, 2018, 43, 711-719. | 1.1 | 18 |
| 38 | Sickness behavior is not all about the immune response: Possible roles of expectations and prediction errors in the worry of being sick. Brain, Behavior, and Immunity, 2018, 74, 213-221. | 2.0 | 23 |
| 39 | Sex differences in how inflammation affects behavior: What we can learn from experimental inflammatory models in humans. Frontiers in Neuroendocrinology, 2018, 50, 91-106. | 2.5 | 75 |
| 40 | Man flu is related to health communication rather than symptoms and suffering. BMJ: British Medical Journal, 2018, 360, k450. | 2.4 | 2 |
| 41 | Sleep and shift work. , 2018, , . | | 2 |
| 42 | Circadian Entrainment to the Natural Light-Dark Cycle across Seasons and the Weekend. Current Biology, 2017, 27, 508-513. | 1.8 | 200 |
| 43 | Thank god it's Friday â€“ sleep improved. Journal of Sleep Research, 2017, 26, 567-571. | 1.7 | 12 |
| 44 | Negative effects of restricted sleep on facial appearance and social appeal. Royal Society Open Science, 2017, 4, 160918. | 1.1 | 28 |
| 45 | Behavioral and neural correlates to multisensory detection of sick humans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6400-6405. | 3.3 | 116 |
| 46 | Impact of sleep inertia on visual selective attention for rare targets and the influence of chronotype. Journal of Sleep Research, 2017, 26, 551-558. | 1.7 | 27 |
| 47 | Yawning, a thermoregulatory mechanism during fever? A study of yawning frequency and its predictors during experimentally induced sickness. Physiology and Behavior, 2017, 182, 27-33. | 1.0 | 11 |
| 48 | Skin colour changes during experimentally-induced sickness. Brain, Behavior, and Immunity, 2017, 60, 312-318. | 2.0 | 49 |
| 49 | Lipopolysaccharide Alters Motivated Behavior in a Monetary Reward Task: a Randomized Trial. Neuropsychopharmacology, 2017, 42, 801-810. | 2.8 | 96 |
| 50 | Multimodal Emotion Recognition Is Resilient to Insufficient Sleep: Results From Cross-Sectional and Experimental Studies. Sleep, 2017, 40, . | 0.6 | 29 |
| 51 | Optimizing Shift Scheduling. , 2017, , 742-749.e4. | | 1 |
| 52 | Diurnal Variation of Circulating Interleukin-6 in Humans: A Meta-Analysis. PLoS ONE, 2016, 11, e0165799. | 1.1 | 102 |
| 53 | Why sickness hurts: A central mechanism for pain induced by peripheral inflammation. Brain, Behavior, and Immunity, 2016, 57, 38-46. | 2.0 | 77 |
| 54 | Health anxiety in a disease-avoidance framework: Investigation of anxiety, disgust and disease perception in response to sickness cues.. Journal of Abnormal Psychology, 2016, 125, 868-878. | 2.0 | 26 |

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|---|---|---|---|
| 55 | Low-grade inflammation may moderate the effect of behavioral treatment for chronic pain in adults. Journal of Behavioral Medicine, 2016, 39, 916-924. | 1.1 | 58 |
| 56 | Health consequences of shift work and insufficient sleep. BMJ, The, 2016, 355, i5210. | 3.0 | 669 |
| 57 | Mood disturbance during experimental endotoxemia: Predictors of state anxiety as a psychological component of sickness behavior. Brain, Behavior, and Immunity, 2016, 57, 30-37. | 2.0 | 83 |
| 58 | Intrinsic functional connectivity of insular cortex and symptoms of sickness during acute experimental inflammation. Brain, Behavior, and Immunity, 2016, 56, 34-41. | 2.0 | 61 |
| 59 | Relationships Between Questionnaire Ratings of Sleep Quality and Polysomnography in Healthy Adults. Behavioral Sleep Medicine, 2016, 14, 185-199. | 1.1 | 63 |
| 60 | Eyelid-openness and mouth curvature influence perceived intelligence beyond attractiveness.. Journal of Experimental Psychology: General, 2016, 145, 603-620. | 1.5 | 33 |
| 61 | Banking Sleep and Biological Sleep Need. Sleep, 2015, 38, 1843-1845. | 0.6 | 14 |
| 62 | Modality and sex differences in pain sensitivity during human endotoxemia. Brain, Behavior, and Immunity, 2015, 46, 35-43. | 2.0 | 84 |
| 63 | Sick man walking: Perception of health status from body motion. Brain, Behavior, and Immunity, 2015, 48, 53-56. | 2.0 | 50 |
| 64 | Effect of long-term sleep restriction and subsequent recovery sleep on the diurnal rhythms of white blood cell subpopulations. Brain, Behavior, and Immunity, 2015, 47, 93-99. | 2.0 | 60 |
| 65 | Sleep Polysomnography and Reported Stress Across 6 Weeks. Industrial Health, 2014, 52, 36-42. | 0.4 | 14 |
| 66 | Subjective sleepiness is a sensitive indicator of insufficient sleep and impaired waking function. Journal of Sleep Research, 2014, 23, 242-254. | 1.7 | 224 |
| 67 | Do sleep, stress, and illness explain daily variations in fatigue? A prospective study. Journal of Psychosomatic Research, 2014, 76, 280-285. | 1.2 | 54 |
| 68 | The Scent of Disease. Psychological Science, 2014, 25, 817-823. | 1.8 | 227 |
| 69 | Subjective health perception in healthy young men changes in response to experimentally restricted sleep and subsequent recovery sleep. Brain, Behavior, and Immunity, 2013, 34, 43-46. | 2.0 | 31 |
| 70 | The daily variation in sleepiness and its relation to the preceding sleep episodeâ€"a prospective study across 42Âdays of normal living. Journal of Sleep Research, 2013, 22, 258-265. | 1.7 | 31 |
| 71 | Development of atopic disease and disturbed sleep in childhood and adolescence â€“ a longitudinal populationâ€based study. Clinical and Experimental Allergy, 2013, 43, 552-559. | 1.4 | 22 |
| 72 | Cues of Fatigue: Effects of Sleep Deprivation on Facial Appearance. Sleep, 2013, 36, 1355-1360. | 0.6 | 141 |

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|---|---|---|---|
| 73 | Effects of Sustained Sleep Restriction on Mitogen-Stimulated Cytokines, Chemokines and T Helper 1/ T Helper 2 Balance in Humans. PLoS ONE, 2013, 8, e82291. | 1.1 | 76 |
| 74 | 20th International Symposium on Shiftwork and Working Time: Biological Mechanisms, Recovery, and Risk Management in the 24-h Society. Chronobiology International, 2012, 29, 531-536. | 0.9 | 7 |
| 75 | Diurnal variability of total calcium during normal sleep and after an acute shift of sleep. Clinical Chemistry and Laboratory Medicine, 2012, 50, 147-51. | 1.4 | 10 |
| 76 | Screening for Sleep Disorders in Pediatric Primary Care. Clinical Pediatrics, 2012, 51, 1125-1129. | 0.4 | 43 |
| 77 | Predicting sleep quality from stress and prior sleep â€“ A study of day-to-day covariation across sixweeks. Sleep Medicine, 2012, 13, 674-679. | 0.8 | 133 |
| 78 | Night shift work increases the risk for type 2 diabetes. Evidence-Based Medicine, 2012, 17, 193-194. | 0.6 | 12 |
| 79 | Efficacy of a behavioral self-help treatment with or without therapist guidance for co-morbid and primary insomnia -a randomized controlled trial. BMC Psychiatry, 2012, 12, 5. | 1.1 | 99 |
| 80 | Short natural sleep is associated with higher T cell and lower NK cell activities. Brain, Behavior, and Immunity, 2011, 25, 1367-1375. | 2.0 | 60 |
| 81 | Learning in a simple biological system: a pilot study of classical conditioning of human macrophages in vitro. Behavioral and Brain Functions, 2011, 7, 47. | 1.4 | 10 |
| 82 | Influences of sleep and the circadian rhythm on iron-status indices. Clinical Biochemistry, 2010, 43, 1323-1328. | 0.8 | 28 |
| 83 | Sleeping during the day: effects on the 24-h patterns of IGF-binding protein 1, insulin, glucose, cortisol, and growth hormone. European Journal of Endocrinology, 2010, 163, 383-390. | 1.9 | 16 |
| 84 | Beauty sleep: experimental study on the perceived health and attractiveness of sleep deprived people. BMJ, The, 2010, 341, c6614-c6614. | 3.0 | 81 |
| 85 | Naps, cognition and performance. Sleep Medicine Reviews, 2010, 14, 249-258. | 3.8 | 139 |
| 86 | Sleep Homeostasis During Repeated Sleep Restriction and Recovery: Support from EEG Dynamics. Sleep, 2009, , . | 0.6 | 2 |
| 87 | Sleep Homeostasis During Repeated Sleep Restriction and Recovery: Support from EEG Dynamics. Sleep, 2009, 32, 217-222. | 0.6 | 75 |
| 88 | CIRCADIAN VARIABILITY OF BILIRUBIN IN HEALTHY MEN DURING NORMAL SLEEP AND AFTER AN ACUTE SHIFT OF SLEEP. Chronobiology International, 2009, 26, 1613-1621. | 0.9 | 23 |
| 89 | Effects of Examination Stress on Psychological Responses, Sleep and Allergic Symptoms in Atopic and Non-Atopic Students. International Journal of Behavioral Medicine, 2009, 16, 305-310. | 0.8 | 17 |
| 90 | Subjective and objective quality of sleep. Somnologie, 2008, 12, 104-109. | 0.9 | 5 |

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|---|---|---|---|
| 91 | Low diurnal variability of apolipoprotein A1, apolipoprotein B and apolipoprotein B/apolipoprotein A1 ratio during normal sleep and after an acute shift of sleep. Clinical Biochemistry, 2008, 41, 859-862. | 0.8 | 5 |
| 92 | Sleepiness and Performance in Response to Repeated Sleep Restriction and Subsequent Recovery during Semiâ€Laboratory Conditions. Chronobiology International, 2008, 25, 297-308. | 0.9 | 105 |
| 93 | Accounting for Partial Sleep Deprivation and Cumulative Sleepiness in the Threeâ€Process Model of Alertness Regulation. Chronobiology International, 2008, 25, 309-319. | 0.9 | 46 |
| 94 | Circadian Variability of Cystatin C, Creatinine, and Glomerular Filtration Rate (GFR) in Healthy Men during Normal Sleep and after an Acute Shift of Sleep. Chronobiology International, 2008, 25, 1047-1061. | 0.9 | 32 |
| 95 | Effects of Context on Sleepiness Selfâ€Ratings during Repeated Partial Sleep Deprivation. Chronobiology International, 2008, 25, 271-278. | 0.9 | 32 |
| 96 | Use of Subjective and Physiological Indicators of Sleepiness to Predict Performance during a Vigilance Task. Industrial Health, 2007, 45, 520-526. | 0.4 | 55 |
| 97 | Impaired sleep after bedtime stress and worries. Biological Psychology, 2007, 76, 170-173. | 1.1 | 196 |
| 98 | The effects of asking for verbal ratings of sleepiness on sleepiness and its masking effects on performance. Clinical Neurophysiology, 2007, 118, 1324-1331. | 0.7 | 28 |
| 99 | Individual validation of model predictions of sleepiness and sleep hours. Somnologie, 2007, 11, 169-174. | 0.9 | 15 |
| 100 | Recovery after Shift Work: Relation to Coronary Risk Factors in Women. Chronobiology International, 2006, 23, 1115-1124. | 0.9 | 22 |
| 101 | Less effective executive functioning after one night's sleep deprivation. Journal of Sleep Research, 2005, 14, 1-6. | 1.7 | 284 |
| 102 | Effects of Acutely Displaced Sleep on Testosterone. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4530-4535. | 1.8 | 153 |
| 103 | Tolerance to shift work?how does it relate to sleep and wakefulness?. International Archives of Occupational and Environmental Health, 2004, 77, 121-129. | 1.1 | 135 |
| 104 | Sleep and Sleepiness in Young Individuals with High Burnout Scores. Sleep, 2004, 27, 1369-1377. | 0.6 | 100 |
| 105 | Hormonal changes in satisfied and dissatisfied shift workers across a shift cycle. Journal of Applied Physiology, 2003, 95, 2099-2105. | 1.2 | 62 |
| 106 | The Effects of a Short Daytime Nap After Restricted Night Sleep. Sleep, 1996, 19, 570-575. | 0.6 | 123 |