

Jonathan Cedernaes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

2,206

citations

26

h-index

46

g-index

69

ext. papers

2,902

ext. citations

7.3

avg, IF

5.16

L-index

#	Paper	IF	Citations
66	Overfeeding polyunsaturated and saturated fat causes distinct effects on liver and visceral fat accumulation in humans. <i>Diabetes</i> , 2014 , 63, 2356-68	0.9	221
65	Circadian Clock Interaction with HIF1 α Mediates Oxygenic Metabolism and Anaerobic Glycolysis in Skeletal Muscle. <i>Cell Metabolism</i> , 2017 , 25, 86-92	24.6	176
64	Increased prefrontal and parahippocampal activation with reduced dorsolateral prefrontal and insular cortex activation to food images in obesity: a meta-analysis of fMRI studies. <i>PLoS ONE</i> , 2013 , 8, e60393	3.7	164
63	Gut microbiota and glucometabolic alterations in response to recurrent partial sleep deprivation in normal-weight young individuals. <i>Molecular Metabolism</i> , 2016 , 5, 1175-1186	8.8	119
62	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017 , 31, 102-111	10.2	110
61	Acute Sleep Loss Induces Tissue-Specific Epigenetic and Transcriptional Alterations to Circadian Clock Genes in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1255-61	5.6	106
60	Self-reported sleep disturbance is associated with Alzheimer's disease risk in men. <i>Alzheimers and Dementia</i> , 2015 , 11, 1090-7	1.2	92
59	Acute sleep deprivation increases portion size and affects food choice in young men. <i>Psychoneuroendocrinology</i> , 2013 , 38, 1668-74	5	86
58	Association between long sleep duration and increased risk of obesity and type 2 diabetes: A review of possible mechanisms. <i>Sleep Medicine Reviews</i> , 2018 , 40, 127-134	10.2	75
57	Overeating Saturated Fat Promotes Fatty Liver and Ceramides Compared With Polyunsaturated Fat: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6207-6219	5.6	69
56	Determinants of shortened, disrupted, and mistimed sleep and associated metabolic health consequences in healthy humans. <i>Diabetes</i> , 2015 , 64, 1073-80	0.9	63
55	The obesity gene, TMEM18, is of ancient origin, found in majority of neuronal cells in all major brain regions and associated with obesity in severely obese children. <i>BMC Medical Genetics</i> , 2010 , 11, 58	2.1	57
54	Acute sleep loss results in tissue-specific alterations in genome-wide DNA methylation state and metabolic fuel utilization in humans. <i>Science Advances</i> , 2018 , 4, eaar8590	14.3	53
53	Transcriptional Basis for Rhythmic Control of Hunger and Metabolism within the AgRP Neuron. <i>Cell Metabolism</i> , 2019 , 29, 1078-1091.e5	24.6	53
52	Acute sleep deprivation increases serum levels of neuron-specific enolase (NSE) and S100 calcium binding protein B (S-100B) in healthy young men. <i>Sleep</i> , 2014 , 37, 195-8	1.1	52
51	The human gastrointestinal tract-specific transcriptome and proteome as defined by RNA sequencing and antibody-based profiling. <i>Journal of Gastroenterology</i> , 2015 , 50, 46-57	6.9	48
50	Acute sleep deprivation increases food purchasing in men. <i>Obesity</i> , 2013 , 21, E555-60	8	45

49	Insomnia, anxiety, and depression during the COVID-19 pandemic: an international collaborative study. <i>Sleep Medicine</i> , 2021 , 87, 38-45	4.6	45
48	NAD Controls Circadian Reprogramming through PER2 Nuclear Translocation to Counter Aging. <i>Molecular Cell</i> , 2020 , 78, 835-849.e7	17.6	42
47	A single night of partial sleep loss impairs fasting insulin sensitivity but does not affect cephalic phase insulin release in young men. <i>Journal of Sleep Research</i> , 2016 , 25, 5-10	5.8	38
46	Analysis of the network of feeding neuroregulators using the Allen Brain Atlas. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 945-56	9	33
45	Aiding sleep in type 2 diabetes: therapeutic considerations. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 60-68	18.1	30
44	Downregulation of the Apelinergic Axis Accelerates Aging, whereas Its Systemic Restoration Improves the Mammalian Healthspan. <i>Cell Reports</i> , 2017 , 21, 1471-1480	10.6	30
43	Effects of acute sleep loss on diurnal plasma dynamics of CNS health biomarkers in young men. <i>Neurology</i> , 2020 , 94, e1181-e1189	6.5	29
42	An epigenetic clock for human skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 887-898	10.3	29
41	Watching TV and food intake: the role of content. <i>PLoS ONE</i> , 2014 , 9, e100602	3.7	28
40	Neurogenetic basis for circadian regulation of metabolism by the hypothalamus. <i>Genes and Development</i> , 2019 , 33, 1136-1158	12.6	25
39	Increased impulsivity in response to food cues after sleep loss in healthy young men. <i>Obesity</i> , 2014 , 22, 1786-91	8	25
38	Sleep restriction alters plasma endocannabinoids concentrations before but not after exercise in humans. <i>Psychoneuroendocrinology</i> , 2016 , 74, 258-268	5	25
37	Adipose tissue stearoyl-CoA desaturase 1 index is increased and linoleic acid is decreased in obesity-prone rats fed a high-fat diet. <i>Lipids in Health and Disease</i> , 2013 , 12, 2	4.4	20
36	Could a good night's sleep improve COVID-19 vaccine efficacy?. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 447-448	35.1	20
35	Comprehensive analysis of localization of 78 solute carrier genes throughout the subsections of the rat gastrointestinal tract. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 702-7	3.4	15
34	The role of exercise-induced peripheral factors in sleep regulation. <i>Molecular Metabolism</i> , 2020 , 42, 101098	3.8	13
33	The association between high risk of sleep apnea, comorbidities, and risk of COVID-19: a population-based international harmonized study. <i>Sleep and Breathing</i> , 2021 , 25, 849-860	3.1	13
32	A single night of sleep loss impairs objective but not subjective working memory performance in a sex-dependent manner. <i>Journal of Sleep Research</i> , 2019 , 28, e12651	5.8	13

31	Sweet taste perception not altered after acute sleep deprivation in healthy young men. <i>Somnologie</i> , 2013 , 17, 111-114	2	11
30	Calorie anticipation alters food intake after low-caloric not high-caloric preloads. <i>Obesity</i> , 2013 , 21, 1548-53		11
29	Sleep and daytime problems during the COVID-19 pandemic and effects of coronavirus infection, confinement and financial suffering: a multinational survey using a harmonised questionnaire. <i>BMJ Open</i> , 2021 , 11, e050672	3	11
28	Learning and sleep-dependent consolidation of spatial and procedural memories are unaltered in young men under a fixed short sleep schedule. <i>Neurobiology of Learning and Memory</i> , 2016 , 131, 87-94	3.1	10
27	Social Jetlag Changes During the COVID-19 Pandemic as a Predictor of Insomnia - A Multi-National Survey Study. <i>Nature and Science of Sleep</i> , 2021 , 13, 1711-1722	3.6	10
26	Evening-types show highest increase of sleep and mental health problems during the COVID-19 pandemic - Multinational study on 19,267 adults. <i>Sleep</i> , 2021 ,	1.1	10
25	Human obesity: FTO, IRX3, or both?. <i>Molecular Metabolism</i> , 2014 , 3, 505-6	8.8	9
24	Short Sleep Makes Declarative Memories Vulnerable to Stress in Humans. <i>Sleep</i> , 2015 , 38, 1861-8	1.1	9
23	Meal and Sleep Timing before and during the COVID-19 Pandemic: A Cross-Sectional Anonymous Survey Study from Sweden. <i>Clocks & Sleep</i> , 2021 , 3, 251-258	2.9	9
22	Efficacy of antibody-based therapies to treat Alzheimer's disease: just a matter of timing?. <i>Experimental Gerontology</i> , 2014 , 57, 104-6	4.5	8
21	Self-reported sleep disturbances and prostate cancer morbidity and mortality in Swedish men: A longitudinal study over 40 years. <i>Journal of Sleep Research</i> , 2018 , 27, e12708	5.8	6
20	Learning performance is linked to procedural memory consolidation across both sleep and wakefulness. <i>Scientific Reports</i> , 2017 , 7, 10234	4.9	6
19	Adhesion GPCRs are widely expressed throughout the subsections of the gastrointestinal tract. <i>BMC Gastroenterology</i> , 2012 , 12, 134	3	6
18	Sleep and circadian rhythms: pillars of health-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	6
17	Decoding obesity in the brainstem. <i>ELife</i> , 2016 , 5,	8.9	5
16	Comment on Laker et al. Exercise prevents maternal high-fat diet-induced hypermethylation of the pgc-1 gene and age-dependent metabolic dysfunction in the offspring. <i>Diabetes</i> 2014 ;63:1605-1611. <i>Diabetes</i> , 2014 , 63, e5	0.9	3
15	Sleep in Female Healthcare Workers during COVID-19: A Cross-Sectional Survey Study in Sweden during the Flattening of the First Wave of the Pandemic. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1418-1420	4.7	3
14	Television watching and effects on food intake: distress vs eustress. <i>JAMA Internal Medicine</i> , 2015 , 175, 468	11.5	2

13	NADH inhibition of SIRT1 links energy state to transcription during time-restricted feeding.. <i>Nature Metabolism</i> , 2021 , 3, 1621-1632	14.6	2
12	0118 Increased Circulating Levels and Peripheral Tissue Promoter DNA Methylation of the Hormone FGF-21 Following Acute Sleep Loss in Humans. <i>Sleep</i> , 2019 , 42, A48-A49	1.1	1
11	Consumer sleep trackers: a new tool to fight the hidden epidemic of obstructive sleep apnoea?. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 1012	35.1	1
10	0265 WOMEN AND MEN ARE DIFFERENTIALLY AFFECTED BY SLEEP LOSS WITH RESPECT TO COGNITIVE PERFORMANCE AND HUNGER REGULATION. <i>Sleep</i> , 2017 , 40, A97-A97	1.1	1
9	An epigenetic clock for human skeletal muscle		1
8	Self-reported difficulty initiating sleep and early morning awakenings are associated with nocturnal diastolic non-dipping in older white Swedish men. <i>Scientific Reports</i> , 2020 , 10, 13355	4.9	1
7	Abdominal Fat and Metabolic Health Markers but Not PNPLA3 Genotype Predicts Liver Fat Accumulation in Response to Excess Intake of Energy and Saturated Fat in Healthy Individuals. <i>Frontiers in Nutrition</i> , 2020 , 7, 606004	6.2	1
6	Acute sleep loss alters circulating fibroblast growth factor 21 levels in humans: A randomised crossover trial. <i>Journal of Sleep Research</i> , 2021 , e13472	5.8	1
5	Lack of association between self-reported insomnia symptoms and clamp-derived insulin sensitivity in elderly men. <i>Psychoneuroendocrinology</i> , 2019 , 102, 256-260	5	0
4	Effects of curtailed sleep on cardiac stress biomarkers following high-intensity exercise.. <i>Molecular Metabolism</i> , 2022 , 101445	8.8	0
3	Gut microbiome as a therapeutic target in the treatment of sleep disorders: where we are. <i>Sleep Medicine Reviews</i> , 2021 , 60, 101547	10.2	0
2	Sleep duration and energy intake: timing matters. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1402-3		
1	The molecular clock is required for gastric bypass-induced metabolic effects. <i>FASEB Journal</i> , 2019 , 33, lb421	0.9	