

Sara Hassanzadeh

List of Publications by Citations

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Version: 2024-04-27

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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.

95
papers

2,366
citations

29
h-index

46
g-index

96
ext. papers

3,029
ext. citations

6.1
avg, IF

5.38
L-index

#	Paper	IF	Citations
95	Acute sleep deprivation enhances the brain's response to hedonic food stimuli: an fMRI study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E443-7	5.6	209
94	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
93	Intranasal insulin as a therapeutic option in the treatment of cognitive impairments. <i>Experimental Gerontology</i> , 2011 , 46, 112-5	4.5	117
92	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
91	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
90	Impaired insulin sensitivity as indexed by the HOMA score is associated with deficits in verbal fluency and temporal lobe gray matter volume in the elderly. <i>Diabetes Care</i> , 2012 , 35, 488-94	14.6	101
89	Self-reported sleep disturbance is associated with Alzheimer's disease risk in men. <i>Alzheimer's and Dementia</i> , 2015 , 11, 1090-7	1.2	92
88	Association between physical activity and brain health in older adults. <i>Neurobiology of Aging</i> , 2013 , 34, 83-90	5.6	88
87	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
86	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
85	Experimenter gender and replicability in science. <i>Science Advances</i> , 2018 , 4, e1701427	14.3	62
84	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
83	Acute sleep deprivation has no lasting effects on the human antibody titer response following a novel influenza A H1N1 virus vaccination. <i>BMC Immunology</i> , 2012 , 13, 1	3.7	53
82	Intranasal insulin in Alzheimer's disease: Food for thought. <i>Neuropharmacology</i> , 2018 , 136, 196-201	5.5	53
81	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
80	Insulin Resistance as a Therapeutic Target in the Treatment of Alzheimer's Disease: A State-of-the-Art Review. <i>Frontiers in Neuroscience</i> , 2018 , 12, 215	5.1	50
79	Insomnia, anxiety, and depression during the COVID-19 pandemic: an international collaborative study. <i>Sleep Medicine</i> , 2021 , 87, 38-45	4.6	45

78	A Key Role of Insulin Receptors in Memory. <i>Diabetes</i> , 2015 , 64, 3653-5	0.9	41
77	Two hours of evening reading on a self-luminous tablet vs. reading a physical book does not alter sleep after daytime bright light exposure. <i>Sleep Medicine</i> , 2016 , 23, 111-118	4.6	39
76	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
75	Diurnal rhythm of circulating nicotinamide phosphoribosyltransferase (Nampt/visfatin/PBEF): impact of sleep loss and relation to glucose metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E218-22	5.6	37
74	Acute sleep deprivation in healthy young men: impact on population diversity and function of circulating neutrophils. <i>Brain, Behavior, and Immunity</i> , 2014 , 41, 162-72	16.6	35
73	Associations of self-reported sleep disturbance and duration with academic failure in community-dwelling Swedish adolescents: sleep and academic performance at school. <i>Sleep Medicine</i> , 2015 , 16, 87-93	4.6	34
72	The fat mass and obesity gene is linked to reduced verbal fluency in overweight and obese elderly men. <i>Neurobiology of Aging</i> , 2011 , 32, 1159.e1-5	5.6	32
71	Aiding sleep in type 2 diabetes: therapeutic considerations. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 60-68	18.1	30
70	An obesity-associated risk allele within the FTO gene affects human brain activity for areas important for emotion, impulse control and reward in response to food images. <i>European Journal of Neuroscience</i> , 2016 , 43, 1173-80	3.5	30
69	Fat mass and obesity-associated gene (FTO) is linked to higher plasma levels of the hunger hormone ghrelin and lower serum levels of the satiety hormone leptin in older adults. <i>Diabetes</i> , 2014 , 63, 3955-9	0.9	29
68	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
67	An epigenetic clock for human skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 887-898	10.3	29
66	Watching TV and food intake: the role of content. <i>PLoS ONE</i> , 2014 , 9, e100602	3.7	28
65	Sleep restriction alters plasma endocannabinoids concentrations before but not after exercise in humans. <i>Psychoneuroendocrinology</i> , 2016 , 74, 258-268	5	25
64	Resting-state brain connectivity changes in obese women after Roux-en-Y gastric bypass surgery: A longitudinal study. <i>Scientific Reports</i> , 2017 , 7, 6616	4.9	23
63	Resting-State Brain and the FTO Obesity Risk Allele: Default Mode, Sensorimotor, and Salience Network Connectivity Underlying Different Somatosensory Integration and Reward Processing between Genotypes. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 52	3.3	23
62	Association between shift work history and performance on the trail making test in middle-aged and elderly humans: the EpiHealth study. <i>Neurobiology of Aging</i> , 2016 , 45, 23-29	5.6	23
61	A Genetic Risk Score Is Associated with Weight Loss Following Roux-en Y Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2016 , 26, 2183-2189	3.7	22

60	Central Nervous Insulin Signaling in Sleep-Associated Memory Formation and Neuroendocrine Regulation. <i>Neuropsychopharmacology</i> , 2016 , 41, 1540-50	8.7	21
59	Could a good night's sleep improve COVID-19 vaccine efficacy?. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 447-448	35.1	20
58	A narrative review of interventions for improving sleep and reducing circadian disruption in medical inpatients. <i>Sleep Medicine</i> , 2019 , 59, 42-50	4.6	17
57	Postprandial alterations in whole-blood DNA methylation are mediated by changes in white blood cell composition. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 518-25	7	16
56	Intranasal insulin decreases circulating cortisol concentrations during early sleep in elderly humans. <i>Neurobiology of Aging</i> , 2017 , 54, 170-174	5.6	13
55	The role of exercise-induced peripheral factors in sleep regulation. <i>Molecular Metabolism</i> , 2020 , 42, 1010-16	8.8	13
54	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
53	Recurrent Sleep Fragmentation Induces Insulin and Neuroprotective Mechanisms in Middle-Aged Flies. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 180	5.3	13
52	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
51	The Role of FTO and Vitamin D for the Weight Loss Effect of Roux-en-Y Gastric Bypass Surgery in Obese Patients. <i>Obesity Surgery</i> , 2015 , 25, 2071-7	3.7	12
50	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
49	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
48	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
47	Metabolic and Cognitive Outcomes of Subchronic Once-Daily Intranasal Insulin Administration in Healthy Men. <i>Frontiers in Endocrinology</i> , 2018 , 9, 663	5.7	10
46	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
45	Associations Between the Prevalence of Metabolic Syndrome and Sleep Parameters Vary by Age. <i>Frontiers in Endocrinology</i> , 2018 , 9, 234	5.7	9
44	Human obesity: FTO, IRX3, or both?. <i>Molecular Metabolism</i> , 2014 , 3, 505-6	8.8	9
43	Short Sleep Makes Declarative Memories Vulnerable to Stress in Humans. <i>Sleep</i> , 2015 , 38, 1861-8	1.1	9

42	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
41	Both Weight at Age 20 and Weight Gain Have an Impact on Sleep Disturbances Later in Life: Results of the EpiHealth Study. <i>Sleep</i> , 2018 , 41,	1.1	8
40	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
39	Patients lacking sustainable long-term weight loss after gastric bypass surgery show signs of decreased inhibitory control of prepotent responses. <i>PLoS ONE</i> , 2015 , 10, e0119896	3.7	8
38	Effects of daytime food intake on memory consolidation during sleep or sleep deprivation. <i>PLoS ONE</i> , 2012 , 7, e40298	3.7	8
37	Sleep characteristics and HbA1c in patients with type 2 diabetes on glucose-lowering medication. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	8
36	Association between Healthy Dietary Patterns and Self-Reported Sleep Disturbances in Older Men: The ULSAM Study. <i>Nutrients</i> , 2019 , 11,	6.7	7
35	Neural correlates of olfactory and visual memory performance in 3D-simulated mazes after intranasal insulin application. <i>Neurobiology of Learning and Memory</i> , 2016 , 134 Pt B, 256-63	3.1	7
34	Association Between Self-Reported Sleep Duration and Body Composition in Middle-Aged and Older Adults. <i>Journal of Clinical Sleep Medicine</i> , 2019 , 15, 431-435	3.1	7
33	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
32	Learning performance is linked to procedural memory consolidation across both sleep and wakefulness. <i>Scientific Reports</i> , 2017 , 7, 10234	4.9	6
31	Are You Sure? Confidence about the Satiating Capacity of a Food Affects Subsequent Food Intake. <i>Nutrients</i> , 2015 , 7, 5088-97	6.7	6
30	Morning Enzymatic Activity of DPP-4 Is Differentially Altered by Sleep Loss in Women and Men. <i>Diabetes Care</i> , 2018 , 41, e10-e11	14.6	6
29	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
28	Bed and rise times during the Age of Enlightenment: A case report. <i>Journal of Sleep Research</i> , 2019 , 28, e12862	5.8	5
27	Acute sleep loss induces signs of visual discomfort in young men. <i>Journal of Sleep Research</i> , 2019 , 28, e12837	5.8	5
26	Odor Sensitivity After Intranasal Insulin Application Is Modulated by Gender. <i>Frontiers in Endocrinology</i> , 2018 , 9, 580	5.7	5
25	Association between sleep duration and executive function differs between diabetic and non-diabetic middle-aged and older adults. <i>Psychoneuroendocrinology</i> , 2020 , 111, 104472	5	4

24	Increased Risk of Myocardial Infarction Among Patients With Type 2 Diabetes Who Carry the Common rs10830963 Variant in the Gene. <i>Diabetes Care</i> , 2020 , 43, 2289-2292	14.6	3
23	Television watching and effects on food intake: distress vs eustress. <i>JAMA Internal Medicine</i> , 2015 , 175, 468	11.5	2
22	Reverse Dipping of Systolic Blood Pressure Is Associated With Increased Dementia Risk in Older Men: A Longitudinal Study Over 24 Years. <i>Hypertension</i> , 2021 , 77, 1383-1390	8.5	2
21	Does the Common Type 2 Diabetes-Susceptibility Variant in the MTNR1B Gene Matter for Glycemic Control Among Patients on Antidiabetic Pharmacotherapy?. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1372-1374	6.4	2
20	Seasonal variations in sleep duration and sleep complaints: A Swedish cohort study in middle-aged and older individuals. <i>Journal of Sleep Research</i> , 2021 , e13453	5.8	2
19	Total and regional fat-to-muscle mass ratio measured by bioelectrical impedance and risk of incident type 2 diabetes. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	2
18	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
17	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
16	Link between short sleep and obesity in humans: a matter of age?. <i>Chest</i> , 2013 , 144, 711	5.3	1
15	Meal timing and subjective sleep disturbances in older men. <i>Experimental Gerontology</i> , 2020 , 141, 111082	2.5	1
14	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
13	Association between pet ownership and sleep in the Swedish CARDioPulmonary bioImage Study (SCAPIS). <i>Scientific Reports</i> , 2021 , 11, 7468	4.9	1
12	Sleep duration regularity as a predictor of the cardiovascular response to acute exercise. <i>Sleep</i> , 2021 , 44,	1.1	1
11	Response to comment on "A narrative review of interventions for improving sleep and reducing circadian disruption in medical inpatients". <i>Sleep Medicine</i> , 2019 , 59, 53	4.6	1
10	Chronotype preference and glycemic control in type 2 diabetes. <i>Sleep</i> , 2021 , 44,	1.1	1
9	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
8	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
7	Oral Antidiabetics and Sleep Among Type 2 Diabetes Patients: Data From the UK Biobank. <i>Frontiers in Endocrinology</i> , 2021 , 12, 763138	5.7	0

- 6 Gut microbiome as a therapeutic target in the treatment of sleep disorders: where we are. *Sleep Medicine Reviews*, **2021**, 60, 101547 10.2 ○
- 5 Sex-specific association of the lunar cycle with sleep. *Science of the Total Environment*, **2022**, 804, 150222 10.2 ○
- 4 How Sleep-Deprived People See and Evaluate Others' Faces: An Experimental Study.. *Nature and Science of Sleep*, **2022**, 14, 867-876 3.6 ○
- 3 Association between high-glycemic diet and cerebral amyloid burden: a possible role for sleep. *American Journal of Clinical Nutrition*, **2018**, 107, 480 7
- 2 Interindividual variance in adult hippocampal neurogenesis: a matter of lifestyle?. *Hippocampus*, **2013**, 23, 1484-5 3.5
- 1 Differential associations of statin treatment and polymorphism in genes coding for HMGCR and PCSK9 to risk for insomnia.. *Frontiers in Bioscience*, **2021**, 26, 1453-1463