

Night Shift Work, Genetic Risk, and Type 2 Diabetes in t

Diabetes Care

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Role of Microbiome in Insomnia, Circadian Disturbance and Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 669.	2.6	155
2	Rotating night shift work and adherence to unhealthy lifestyle in predicting risk of type 2 diabetes: results from two large US cohorts of female nurses. <i>BMJ: British Medical Journal</i> , 2018, 363, k4641.	2.3	156
3	Clocks in the clinic: circadian rhythms in health and disease. <i>Postgraduate Medical Journal</i> , 2018, 94, 653-658.	1.8	29
4	Recent advances in understanding the circadian clock in renal physiology. <i>Current Opinion in Physiology</i> , 2018, 5, 38-44.	1.8	10
5	Night Shift Work Affects Urine Metabolite Profiles of Nurses with Early Chronotype. <i>Metabolites</i> , 2018, 8, 45.	2.9	13
6	The effects of phytochemicals on circadian rhythm and related diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 882-892.	10.3	31
7	Shift Work, Light, Sleep and Performance. , 2019, , 187-206.		0
8	Challenging Circadian Rhythm Disorder Cases. <i>Neurologic Clinics</i> , 2019, 37, 579-599.	1.8	0
9	Association between shift work and hearing loss: The Dongfeng-Tongji cohort study. <i>Hearing Research</i> , 2019, 384, 107827.	2.0	6
10	The Risk of Night Shift Workers to the Glucose Blood Levels, Saliva, and Dental Caries. <i>European Journal of Dentistry</i> , 2019, 13, 323-329.	1.7	8
11	Epigenetics and Lifestyle: The Impact of Stress, Diet, and Social Habits on Tissue Homeostasis. , 2019, , 461-489.		3
12	Dietary Genistein Could Modulate Hypothalamic Circadian Entrainment, Reduce Body Weight, and Improve Glucose and Lipid Metabolism in Female Mice. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-10.	1.5	17
13	Effect of night shift work on risk of diabetes in healthy nurses in Albania. <i>Acta Diabetologica</i> , 2019, 56, 811-813.	2.5	27
14	The associations of daylight and melatonin receptor 1B gene rs10830963 variant with glycemic traits: the prospective PPP-Botnia study. <i>Annals of Medicine</i> , 2019, 51, 58-67.	3.8	7
15	The relationship between night work, chronotype, and cardiometabolic risk factors in female hospital employees. <i>Chronobiology International</i> , 2019, 36, 616-628.	2.0	19
16	Circadian misalignment alters insulin sensitivity during the light phase and shifts glucose tolerance rhythms in female mice. <i>PLoS ONE</i> , 2019, 14, e0225813.	2.5	17
17	Differences in twenty-four-hour profiles of blue-light exposure between day and night shifts in female medical staff. <i>Science of the Total Environment</i> , 2019, 653, 1025-1033.	8.0	22
18	Circadian rhythms and exercise “re-setting the clock in metabolic disease. <i>Nature Reviews Endocrinology</i> , 2019, 15, 197-206.	9.6	213

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19	Interplay between diet, exercise and the molecular circadian clock in orchestrating metabolic adaptations of adipose tissue. <i>Journal of Physiology</i> , 2019, 597, 1439-1450.	2.9	27
20	Circadian clocks and insulin resistance. <i>Nature Reviews Endocrinology</i> , 2019, 15, 75-89.	9.6	395
21	Circadian disruption: What do we actually mean?. <i>European Journal of Neuroscience</i> , 2020, 51, 531-550.	2.6	158
22	Sleep in the United States Military. <i>Neuropsychopharmacology</i> , 2020, 45, 176-191.	5.4	87
23	The relationship between anthropometric measures and cardiometabolic health in shift work: findings from the Atlantic PATH Cohort Study. <i>International Archives of Occupational and Environmental Health</i> , 2020, 93, 67-76.	2.3	10
24	Association between shift work and risk of type 2 diabetes mellitus: a systematic review and dose-response meta-analysis of observational studies. <i>Chronobiology International</i> , 2020, 37, 29-46.	2.0	59
25	Pre-Sleep Casein Protein Ingestion Does Not Impact Next-Day Appetite, Energy Intake and Metabolism in Older Individuals. <i>Nutrients</i> , 2020, 12, 90.	4.1	8
26	Impact of circadian disruption on glucose metabolism: implications for type 2 diabetes. <i>Diabetologia</i> , 2020, 63, 462-472.	6.3	162
27	Melatonin Effects on Glucose Metabolism: Time To Unlock the Controversy. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 192-204.	7.1	89
28	Assessment of MTNR1B Type 2 Diabetes Genetic Risk Modification by Shift Work and Morningness-Eveningness Preference in the UK Biobank. <i>Diabetes</i> , 2020, 69, 259-266.	0.6	11
29	The circadian clock protein REVERB1± inhibits pulmonary fibrosis development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1139-1147.	7.1	57
30	Timed physical exercise does not influence circadian rhythms and glucose tolerance in rotating night shift workers: The EuRhythDia study. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916412095061.	2.0	8
31	Nuclear receptor REVERB1± is a state-dependent regulator of liver energy metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25869-25879.	7.1	34
32	Association between circadian disruption and diseases: A narrative review. <i>Life Sciences</i> , 2020, 262, 118512.	4.3	24
33	<p>Evaluating the Effects of Different Sleep Supplement Modes in Attenuating Metabolic Consequences of Night Shift Work Using Rat Model<p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1053-1065.	2.7	4
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35	Japanese Clinical Practice Guideline for Diabetes 2019. <i>Journal of Diabetes Investigation</i> , 2020, 11, 1020-1076.	2.4	159
36	Coupled network of the circadian clocks: a driving force of rhythmic physiology. <i>FEBS Letters</i> , 2020, 594, 2734-2769.	2.8	65

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37	Japanese Clinical Practice Guideline for Diabetes 2019. Diabetology International, 2020, 11, 165-223.	1.4	266
38	Circadian Rhythms and the Gastrointestinal Tract: Relationship to Metabolism and Gut Hormones. Endocrinology, 2020, 161, .	2.8	20
39	Different exposure metrics of rotating night shift work and hyperhomocysteinaemia among Chinese steelworkers: a cross-sectional study. BMJ Open, 2020, 10, e041576.	1.9	4
40	Afterâ€Effects of Timeâ€Restricted Feeding on Wholeâ€Body Metabolism and Gene Expression in Four Different Peripheral Tissues. Obesity, 2020, 28, S68-S80.	3.0	9
41	Ticking for Metabolic Health: The Skeletalâ€Muscle Clocks. Obesity, 2020, 28, S46-S54.	3.0	22
42	The health and well-being of paramedics - a professional priority. Occupational Medicine, 2020, 70, 149-151.	1.4	13
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49	Circadian Clocks Make Metabolism Run. Journal of Molecular Biology, 2020, 432, 3680-3699.	4.2	45
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53	The importance of 24-h metabolism in obesity-related metabolic disorders: opportunities for timed interventions. International Journal of Obesity, 2021, 45, 479-490.	3.4	5
54	Night shift work is associated with an increased risk of asthma. Thorax, 2021, 76, 53-60.	5.6	56

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57	Selection into shift work is influenced by educational attainment and body mass index: a Mendelian randomization study in the UK Biobank. International Journal of Epidemiology, 2021, 50, 1229-1240.	1.9	9
58	Astrocyte Clocks and Glucose Homeostasis. Frontiers in Endocrinology, 2021, 12, 662017.	3.5	10
59	Salivary Biomarkers and Work-Related Stress in Night Shift Workers. International Journal of Environmental Research and Public Health, 2021, 18, 3184.	2.6	16
60	Shift work is associated with positive COVID-19 status in hospitalised patients. Thorax, 2021, 76, 601-606.	5.6	46
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68	Cardiometabolic, Dietary and Physical Health in Graduate Paramedics during the First 12-Months of Practice – A Longitudinal Study. Prehospital Emergency Care, 2022, 26, 524-536.	1.8	3
69	Obesity and the relation between joint exposure to ambient air pollutants and incident type 2 diabetes: A cohort study in UK Biobank. PLoS Medicine, 2021, 18, e1003767.	8.4	64
70	Long-term night shift work is associated with the risk of atrial fibrillation and coronary heart disease. European Heart Journal, 2021, 42, 4180-4188.	2.2	80
71	Why meals during resting time cause fat accumulation in mammals? Mathematical modeling of circadian regulation on glucose metabolism. Journal of Mathematical Biology, 2021, 83, 26.	1.9	1
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76	Exosomal miR-92a Concentration in the Serum of Shift Workers. Applied Sciences (Switzerland), 2020, 10, 430.	2.5	6
77	How to schedule night shift work in order to reduce health and safety risks. Scandinavian Journal of Work, Environment and Health, 2020, 46, 557-569.	3.4	62
78	Disrupted circadian oscillations in type 2 diabetes are linked to altered rhythmic mitochondrial metabolism in skeletal muscle. Science Advances, 2021, 7, eabi9654.	10.3	44
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85	Proof-of-principle demonstration of endogenous circadian system and circadian misalignment effects on human oral microbiota. FASEB Journal, 2022, 36, e22043.	0.5	9
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90	Time-restricted feeding during the inactive phase abolishes the daily rhythm in mitochondrial respiration in rat skeletal muscle. FASEB Journal, 2022, 36, e22133.	0.5	11
91	Night shift work characteristics are associated with several elevated metabolic risk factors and immune cell counts in a cross-sectional study. Scientific Reports, 2022, 12, 2022.	3.3	10
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97	Disturbance of the Circadian System in Shift Work and Its Health Impact. <i>Journal of Biological Rhythms</i> , 2022, 37, 3-28.	2.6	89
98	Impairments in glycemic control during Eastbound transatlantic travel in healthy adults. <i>SLEEP Advances</i> , 2022, 3, .	0.2	0
100	Associations of chronotype and sleep patterns with metabolic syndrome in the Hispanic community health study/study of Latinos. <i>Chronobiology International</i> , 2022, 39, 1087-1099.	2.0	6
101	Associations between chronotype and employment status in a longitudinal study of an elderly population. <i>Chronobiology International</i> , 2022, 39, 1118-1131.	2.0	2
102	Study protocol for the Shifting Weight using Intermittent Fasting in night shift workers (SWIFt) study: a three-arm randomised controlled trial comparing three weight loss strategies in night shift workers with obesity. <i>BMJ Open</i> , 2022, 12, e060520.	1.9	3
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105	Digital Circadian and Sleep Health in Individual Hospital Shift Workers: A Cross Sectional Telemonitoring Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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110	Complex physiology and clinical implications of time-restricted eating. <i>Physiological Reviews</i> , 2022, 102, 1991-2034.	28.8	17
111	Three weeks of time-restricted eating improves glucose homeostasis in adults with type 2 diabetes but does not improve insulin sensitivity: a randomised crossover trial. <i>Diabetologia</i> , 2022, 65, 1710-1720.	6.3	34
112	New Horizons: the value of UK Biobank to research on endocrine and metabolic disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 0, , .	3.6	3
113	In silico integrative analysis of multi-omics reveals regulatory layers for diurnal gene expression in mouse liver. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	1
114	Night Shift Work, Genetic Risk, and Hypertension. <i>Mayo Clinic Proceedings</i> , 2022, 97, 2016-2027.	3.0	9
115	Condiciones de trabajo y automanejo de diabetes mellitus tipo II: revisi3n sistem3tica exploratoria. <i>Sanus</i> , 0, 7, e267.	0.3	0
116	Circadian rhythms and pancreas physiology: A review. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	9

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124	Exercise sustains the hallmarks of health. <i>Journal of Sport and Health Science</i> , 2023, 12, 8-35.	6.5	25
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126	Role of Circadian Transcription Factor Rev-Erb in Metabolism and Tissue Fibrosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12954.	4.1	8
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128	Sleep duration and daytime napping in relation to incident inflammatory bowel disease: a prospective cohort study. <i>Alimentary Pharmacology and Therapeutics</i> , 2023, 57, 475-485.	3.7	9
129	Association of physical activity and air pollution exposure with the risk of type 2 diabetes: a large population-based prospective cohort study. <i>Environmental Health</i> , 2022, 21, .	4.0	3
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131	Rotational night shift work adversely affects expression of TCF7L2 and PPAR- β genes among healthcare workers with normal glucose tolerance. <i>International Journal of Diabetes in Developing Countries</i> , 2023, 43, 816-820.	0.8	1
132	Evaluation of work conditions of nurses employed in a shift system in hospital wards during the COVID-19 pandemic. <i>Work</i> , 2023, 75, 401-412.	1.1	2
133	Association of Low Back Pain with Shift Work: A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 918.	2.6	1
134	Healthy lifestyle behaviors, mediating biomarkers, and risk of microvascular complications among individuals with type 2 diabetes: A cohort study. <i>PLoS Medicine</i> , 2023, 20, e1004135.	8.4	24
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137	Genetic impact on the association of sleep patterns and chronic kidney disease: A prospective cohort study of 157,175 UK Biobank participants. <i>Journal of Psychosomatic Research</i> , 2023, 169, 111323.	2.6	2
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142	Sleep characteristics of middle-aged adults with non-alcoholic fatty liver disease: findings from the Shahrekord PERSIAN cohort study. <i>BMC Public Health</i> , 2023, 23, .	2.9	1
143	Circadian Disruption in Night Shift Work and Its Association with Chronic Pulmonary Diseases. <i>Advanced Biology</i> , 2023, 7, .	2.5	4
144	Fatigue and its impact on performance and health. <i>British Journal of Hospital Medicine (London,)</i> Tj ETQq0 0 0 rgBT/Qverlock 10 Tf 50 4 0.5	0.5	5
145	Metabolomic profiles in night shift workers: A cross-sectional study on hospital female nurses. <i>Frontiers in Public Health</i> , 0, 11, .	2.7	1
146	Diabetes and Neurological Disorder. , 2023, , 63-79.		0
147	Time of the day of exercise impact on cardiovascular disease risk factors in adults: a systematic review and meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2023, 26, 169-179.	1.3	6
148	Effects of residential greenness and genetic predisposition on hemoglobin A1c and type 2 diabetes: Gene-environment interaction analysis from a nationwide study. <i>Environmental Research</i> , 2023, 228, 115830.	7.5	0
149	Sleep health dimensions and shift work as longitudinal predictors of cognitive performance in the UK Biobank cohort. <i>Sleep</i> , 2023, 46, .	1.1	0
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154	Absence of the influence of the APOE gene on the incidence of type 2 diabetes mellitus in a cohort of workers: Effect of diet and shift work. <i>Clínica E Investigaci3n En Arteriosclerosis</i> , 2023, 35, 226-235.	0.8	0
155	Association of time spent in outdoor light and genetic susceptibility with the risk of type 2 diabetes. <i>Science of the Total Environment</i> , 2023, 888, 164253.	8.0	2

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158	Timing of energy intake and the therapeutic potential of intermittent fasting and time-restricted eating in NAFLD. <i>Gut</i> , 2023, 72, 1607-1619.	12.1	14
159	Early-life tobacco smoke exposure, genetic susceptibility and the risk of type 2 diabetes in adulthood: A large prospective cohort study. <i>Science of the Total Environment</i> , 2023, 893, 164698.	8.0	2
160	Maternal High-Fat Diet Results in Long-Term Sex-Specific Alterations to Metabolic and Gut Microbial Diurnal Oscillations in Adult Offspring. <i>Molecular Nutrition and Food Research</i> , 0, , .	3.3	0
161	The Associations of Chronotype and Shift Work With Rheumatoid Arthritis. <i>Journal of Biological Rhythms</i> , 0, , .	2.6	1
162	Association of rotating night shift work, CLOCK, MTNR1A, MTNR1B genes polymorphisms and their interactions with type 2 diabetes among steelworkers: a case-control study. <i>BMC Genomics</i> , 2023, 24, .	2.8	0
163	Circadian rhythm of carbohydrate metabolism in health and disease. <i>Acta Biomedica Scientifica</i> , 2023, 8, 124-137.	0.2	1
164	Secondhand smoke, genetic susceptibility, and incident chronic kidney disease in never smokers: A prospective study of a selected population from the UK Biobank. <i>Tobacco Induced Diseases</i> , 2023, 21, 1-9.	0.6	0
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167	Association between night shift work and NAFLD: a prospective analysis of 281,280 UK Biobank participants. <i>BMC Public Health</i> , 2023, 23, .	2.9	2
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169	Circadian regulation of liver metabolism: experimental approaches in human, rodent, and cellular models. <i>American Journal of Physiology - Cell Physiology</i> , 2023, 325, C1158-C1177.	4.6	2
170	Circadian Dysfunction in Adipose Tissue: Chronotherapy in Metabolic Diseases. <i>Biology</i> , 2023, 12, 1077.	2.8	1
171	Association of shift work with oxidative stress and alteration of fasting plasma glucose level in Chinese adults. <i>Obesity</i> , 2023, 31, 2505-2514.	3.0	2
172	Brain-body communication in metabolic control. <i>Trends in Endocrinology and Metabolism</i> , 2023, , .	7.1	1
173	Night shift work characteristics and risk of incident coronary heart disease among health care workers: national cohort study. <i>International Journal of Epidemiology</i> , 2023, 52, 1853-1861.	1.9	0
174	The Effects of Shift Work on the Immune System: A Narrative Review. <i>Sleep Science</i> , 2023, 16, e368-e374.	1.0	0
175	Review article circadian disruption in pathophysiology of diabetes mellitus. <i>Fundamental and Clinical Medicine</i> , 2023, 8, 124-130.	0.3	0

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176	Absence of the influence of the APOE gene on the incidence of type 2 diabetes mellitus in a cohort of workers: Effect of diet and shift work. <i>Clínica E Investigación En Arteriosclerosis (English Edition)</i> , 2023, 35, 226-235.	0.2	0
177	Association between shift work in early pregnancy, snacking, and inappropriate weight gain during pregnancy: The Japan Environment and Children's Study. <i>PLoS ONE</i> , 2023, 18, e0291579.	2.5	0
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