

Frank A J L Scheer

List of Publications by Year in Descending Order

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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.

157
papers

11,844
citations

62
h-index

107
g-index

168
ext. papers

14,725
ext. citations

6.5
avg, IF

6.68
L-index

#	Paper	IF	Citations
157	Interplay of Dinner Timing and MTNR1B Type 2 Diabetes Risk Variant on Glucose Tolerance and Insulin Secretion: A Randomized Crossover Trial.. <i>Diabetes Care</i> , 2022 ,	14.6	3
156	Unanticipated daytime melatonin secretion on a simulated night shift schedule generates a distinctive 24-h melatonin rhythm with antiphasic daytime and nighttime peaks.. <i>Journal of Pineal Research</i> , 2022 ,	10.4	1
155	Chronic circadian disruption on a high-fat diet impairs glucose tolerance.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 155158	12.7	1
154	Proof-of-principle demonstration of endogenous circadian system and circadian misalignment effects on human oral microbiota. <i>FASEB Journal</i> , 2022 , 36, e22043	0.9	2
153	How Accurately Can We Recall the Timing of Food Intake? A Comparison of Food Times from Recall-Based Survey Questions and Daily Food Records.. <i>Current Developments in Nutrition</i> , 2022 , 6, nza002	0.4	0
152	Fractal biomarker of activity in patients with bipolar disorder. <i>Psychological Medicine</i> , 2021 , 51, 1562-1569	6.9	4
151	Daytime eating prevents internal circadian misalignment and glucose intolerance in night work. <i>Science Advances</i> , 2021 , 7, eabg9910	14.3	11
150	Chronic Sleep Restriction While Minimizing Circadian Disruption Does Not Adversely Affect Glucose Tolerance. <i>Frontiers in Physiology</i> , 2021 , 12, 764737	4.6	2
149	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 1: Basic and Translational Aspects. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e010181	6.4	1
148	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 2: Population and Clinical Considerations. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e010190	6.4	0
147	Cross-Sectional and Prospective Associations of Rest-Activity Rhythms with Circulating Inflammatory Markers in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 ,	6.4	2
146	Effect of Experimentally Induced Sleep Fragmentation and Hypoestrogenism on Fasting Nutrient Utilization in Pre-Menopausal Women. <i>Journal of the Endocrine Society</i> , 2021 , 5, A774-A774	0.4	0
145	Poor sleep behavior burden and risk of COVID-19 mortality and hospitalization. <i>Sleep</i> , 2021 , 44,	1.1	8
144	Circadian Biology and Stroke. <i>Stroke</i> , 2021 , 52, 2180-2190	6.7	5
143	Timing of chocolate intake affects hunger, substrate oxidation, and microbiota: A randomized controlled trial. <i>FASEB Journal</i> , 2021 , 35, e21649	0.9	2
142	Blunted rest-activity rhythms link to higher body mass index and inflammatory markers in children. <i>Sleep</i> , 2021 , 44,	1.1	8
141	Night shift work is associated with an increased risk of asthma. <i>Thorax</i> , 2021 , 76, 53-60	7.3	21

140	Association of Objectively Measured Timing of Physical Activity Bouts With Cardiovascular Health in Type 2 Diabetes. <i>Diabetes Care</i> , 2021 , 44, 1046-1054	14.6	9
139	Resting Heartbeat Complexity Predicts All-Cause and Cardiorespiratory Mortality in Middle- to Older-Aged Adults From the UK Biobank. <i>Journal of the American Heart Association</i> , 2021 , 10, e018483	6	2
138	Association of poor sleep burden in middle age and older adults with risk for delirium during hospitalization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 ,	6.4	2
137	The endogenous circadian system worsens asthma at night independent of sleep and other daily behavioral or environmental cycles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	9
136	Effects of obstructive sleep apnea on endogenous circadian rhythms assessed during relaxed wakefulness; an exploratory analysis. <i>Chronobiology International</i> , 2020 , 37, 856-866	3.6	7
135	Health consequences of circadian disruption. <i>Sleep</i> , 2020 , 43,	1.1	13
134	Effects of Shift Work on the Eating Behavior of Police Officers on Patrol. <i>Nutrients</i> , 2020 , 12,	6.7	15
133	170-OR: Association of Timing of Physical Activity Bouts with Cardiorespiratory Fitness in Adults with Type 2 Diabetes in the Look AHEAD Study. <i>Diabetes</i> , 2020 , 69, 170-OR	0.9	
132	Impact of circadian disruption on glucose metabolism: implications for type 2 diabetes. <i>Diabetologia</i> , 2020 , 63, 462-472	10.3	64
131	Melatonin Effects on Glucose Metabolism: Time To Unlock the Controversy. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 192-204	8.8	46
130	Sex-dependent link between circadian misalignment and adiposity. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 13-15	15.2	2
129	Assessment of Type 2 Diabetes Genetic Risk Modification by Shift Work and Morningness-Eveningness Preference in the UK Biobank. <i>Diabetes</i> , 2020 , 69, 259-266	0.9	3
128	Late Eating Is Associated with Obesity, Inflammatory Markers and Circadian-Related Disturbances in School-Aged Children. <i>Nutrients</i> , 2020 , 12,	6.7	9
127	Stability of the timing of food intake at daily and monthly timescales in young adults. <i>Scientific Reports</i> , 2020 , 10, 20849	4.9	3
126	Circadian Rhythms in Hormone-sensitive Lipase in Human Adipose Tissue: Relationship to Meal Timing and Fasting Duration. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	4
125	Circadian misalignment increases mood vulnerability in simulated shift work. <i>Scientific Reports</i> , 2020 , 10, 18614	4.9	11
124	Cross-sectional and Prospective Associations of Rest-Activity Rhythms With Metabolic Markers and Type 2 Diabetes in Older Men. <i>Diabetes Care</i> , 2020 , 43, 2702-2712	14.6	6
123	The circadian system modulates the rate of recovery of systolic blood pressure after exercise in humans. <i>Sleep</i> , 2020 , 43,	1.1	7

122	Late eating is associated with cardiometabolic risk traits, obesogenic behaviors, and impaired weight loss. <i>American Journal of Clinical Nutrition</i> , 2020 ,	7	24
121	Effects of circadian misalignment on cognition in chronic shift workers. <i>Scientific Reports</i> , 2019 , 9, 699	4.9	35
120	Meal timing and obesity: interactions with macronutrient intake and chronotype. <i>International Journal of Obesity</i> , 2019 , 43, 1701-1711	5.5	68
119	A healthy lifestyle - reducing T2DM risk in shift workers?. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 194-196	5.2	6
118	Genome-wide association study of breakfast skipping links clock regulation with food timing. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 473-484	7	22
117	0045 Decreased Oral Glucose Tolerance And Insulin Response During Biological Evening Versus Morning Among Adults Under Free-living Conditions. <i>Sleep</i> , 2019 , 42, A18-A19	1.1	
116	0050 Impact of the Circadian System and Circadian Misalignment on Human Salivary Microbiota. <i>Sleep</i> , 2019 , 42, A20-A21	1.1	
115	Timing of Food Intake: Identifying Contributing Factors to Design Effective Interventions. <i>Advances in Nutrition</i> , 2019 , 10, 606-620	10	29
114	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. <i>Nature Communications</i> , 2019 , 10, 1100	17.4	147
113	Caloric and Macronutrient Intake Differ with Circadian Phase and between Lean and Overweight Young Adults. <i>Nutrients</i> , 2019 , 11,	6.7	21
112	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , 2019 , 9, 5350	4.9	12
111	Nocturnal heart rate variability moderates the association between sleep-wake regularity and mood in young adults. <i>Sleep</i> , 2019 , 42,	1.1	8
110	Biological and clinical insights from genetics of insomnia symptoms. <i>Nature Genetics</i> , 2019 , 51, 387-393	36.3	101
109	Circadian period of luciferase expression shortens with age in human mature adipocytes from obese patients. <i>FASEB Journal</i> , 2019 , 33, 175-180	0.9	5
108	0839 A Prospective Investigation Of Bidirectional Relationships Between Sleep Duration And Obesity. <i>Sleep</i> , 2019 , 42, A336-A337	1.1	
107	Impact of Circadian Disruption on Cardiovascular Function and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 767-779	8.8	73
106	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019 , 10, 3503	17.4	47
105	Sex differences in the circadian misalignment effects on energy regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23806-23812	11.5	45

104	0155 Circadian and Homeostatic Influences on Caloric Intake: Forced Desynchrony in Healthy Weight, Overweight, and Obese Adolescents. <i>Sleep</i> , 2019 , 42, A63-A64	1.1	
103	Ghrelin is impacted by the endogenous circadian system and by circadian misalignment in humans. <i>International Journal of Obesity</i> , 2019 , 43, 1644-1649	5.5	47
102	Impact of mental stress, the circadian system and their interaction on human cardiovascular function. <i>Psychoneuroendocrinology</i> , 2019 , 103, 125-129	5	7
101	Circadian clocks and insulin resistance. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 75-89	15.2	223
100	Heritability of the timing of food intake. <i>Clinical Nutrition</i> , 2019 , 38, 767-773	5.9	19
99	Daily circadian misalignment impairs human cognitive performance task-dependently. <i>Scientific Reports</i> , 2018 , 8, 3041	4.9	45
98	Night Shift Work, Genetic Risk, and Type 2 Diabetes in the UK Biobank. <i>Diabetes Care</i> , 2018 , 41, 762-769	14.6	103
97	Modifiable lifestyle behaviors, but not a genetic risk score, associate with metabolic syndrome in evening chronotypes. <i>Scientific Reports</i> , 2018 , 8, 945	4.9	38
96	Late dinner impairs glucose tolerance in MTNR1B risk allele carriers: A randomized, cross-over study. <i>Clinical Nutrition</i> , 2018 , 37, 1133-1140	5.9	46
95	CLOCK 3111T/C genetic variant influences the daily rhythm of autonomic nervous function: relevance to body weight control. <i>International Journal of Obesity</i> , 2018 , 42, 190-197	5.5	6
94	Circadian misalignment induces fatty acid metabolism gene profiles and compromises insulin sensitivity in human skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7789-7794	11.5	100
93	Fractal regulation and incident Alzheimer's disease in elderly individuals. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1114-1125	1.2	21
92	Differential effects of the circadian system and circadian misalignment on insulin sensitivity and insulin secretion in humans. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2481-2485	6.7	55
91	Heparin-Induced Thrombocytopenia in Healthy Individuals with Continuous Heparin Infusion. <i>TH Open</i> , 2018 , 2, e49-e53	2.7	
90	Decrease in scale invariance of activity fluctuations with aging and in patients with suprasellar tumors. <i>Chronobiology International</i> , 2018 , 35, 368-377	3.6	2
89	Timing of food intake impacts daily rhythms of human salivary microbiota: a randomized, crossover study. <i>FASEB Journal</i> , 2018 , 32, 2060-2072	0.9	96
88	National Sleep Foundation's sleep quality recommendations: first report. <i>Sleep Health</i> , 2017 , 3, 6-19	4	434
87	Circadian Misalignment Increases C-Reactive Protein and Blood Pressure in Chronic Shift Workers. <i>Journal of Biological Rhythms</i> , 2017 , 32, 154-164	3.2	78

86	Genome-wide association analyses of sleep disturbance traits identify new loci and highlight shared genetics with neuropsychiatric and metabolic traits. <i>Nature Genetics</i> , 2017 , 49, 274-281	36.3	182
85	Later circadian timing of food intake is associated with increased body fat. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 1213-1219	7	153
84	Circadian Biology: Uncoupling Human Body Clocks by Food Timing. <i>Current Biology</i> , 2017 , 27, R656-R658	6.3	12
83	Reduced Tolerance to Night Shift in Chronic Shift Workers: Insight From Fractal Regulation. <i>Sleep</i> , 2017 , 40,	1.1	14
82	The Relative Impact of Sleep and Circadian Drive on Motor Skill Acquisition and Memory Consolidation. <i>Sleep</i> , 2017 , 40,	1.1	9
81	Genome-wide association analysis identifies novel loci for chronotype in 100,420 individuals from the UK Biobank. <i>Nature Communications</i> , 2016 , 7, 10889	17.4	180
80	Human adipose tissue expresses intrinsic circadian rhythm in insulin sensitivity. <i>FASEB Journal</i> , 2016 , 30, 3117-23	0.9	43
79	Actigraphic sleep fragmentation, efficiency and duration associate with dietary intake in the Rotterdam Study. <i>Journal of Sleep Research</i> , 2016 , 25, 404-11	5.8	19
78	Clock Genes Explain a Large Proportion of Phenotypic Variance in Systolic Blood Pressure and This Control Is Not Modified by Environmental Temperature. <i>American Journal of Hypertension</i> , 2016 , 29, 132-40	2.3	15
77	Circadian Rhythms, Metabolism, and Chrononutrition in Rodents and Humans. <i>Advances in Nutrition</i> , 2016 , 7, 399-406	10	118
76	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , 2016 , 65, 1741-51	0.9	55
75	Timing of food intake is associated with weight loss evolution in severe obese patients after bariatric surgery. <i>Clinical Nutrition</i> , 2016 , 35, 1308-1314	5.9	68
74	Circadian misalignment increases cardiovascular disease risk factors in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1402-11	11.5	274
73	Effects of the Internal Circadian System and Circadian Misalignment on Glucose Tolerance in Chronic Shift Workers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1066-74	5.6	106
72	Hungry for Sleep: A Role for Endocannabinoids?. <i>Sleep</i> , 2016 , 39, 495-6	1.1	2
71	Demonstration of a day-night rhythm in human skeletal muscle oxidative capacity. <i>Molecular Metabolism</i> , 2016 , 5, 635-645	8.8	86
70	Progression of Dementia Assessed by Temporal Correlations of Physical Activity: Results From a 3.5-Year, Longitudinal Randomized Controlled Trial. <i>Scientific Reports</i> , 2016 , 6, 27742	4.9	29
69	Circadian System and Glucose Metabolism: Implications for Physiology and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 282-293	8.8	172

68	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , 2016 , 33, 561-73	3.6	19
67	Gene-Environment Interactions of Circadian-Related Genes for Cardiometabolic Traits. <i>Diabetes Care</i> , 2015 , 38, 1456-66	14.6	36
66	Endogenous circadian system and circadian misalignment impact glucose tolerance via separate mechanisms in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2225-34	11.5	224
65	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. <i>Brain, Behavior, and Immunity</i> , 2015 , 47, 4-13	16.6	48
64	Common type 2 diabetes risk variant in MTNR1B worsens the deleterious effect of melatonin on glucose tolerance in humans. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 1650-7	12.7	57
63	Short sleep duration and dietary intake: epidemiologic evidence, mechanisms, and health implications. <i>Advances in Nutrition</i> , 2015 , 6, 648-59	10	210
62	Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 135-43	7	75
61	Meal timing affects glucose tolerance, substrate oxidation and circadian-related variables: A randomized, crossover trial. <i>International Journal of Obesity</i> , 2015 , 39, 828-33	5.5	136
60	The Human Circadian System Has a Dominating Role in Causing the Morning/Evening Difference in Diet-Induced Thermogenesis. <i>Obesity</i> , 2015 , 23, 2053-8	8	88
59	Sleep inertia, sleep homeostatic and circadian influences on higher-order cognitive functions. <i>Journal of Sleep Research</i> , 2015 , 24, 364-371	5.8	99
58	Lack of exercise leads to significant and reversible loss of scale invariance in both aged and young mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2320-4	11.5	40
57	Simulated shift work in rats perturbs multiscale regulation of locomotor activity. <i>Journal of the Royal Society Interface</i> , 2014 , 11,	4.1	17
56	The suprachiasmatic nucleus is part of a neural feedback circuit adapting blood pressure response. <i>Neuroscience</i> , 2014 , 266, 197-207	3.9	35
55	Human circadian system causes a morning peak in prothrombotic plasminogen activator inhibitor-1 (PAI-1) independent of the sleep/wake cycle. <i>Blood</i> , 2014 , 123, 590-3	2.2	99
54	Meal frequency and timing in health and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16647-53	11.5	294
53	Acute melatonin administration in humans impairs glucose tolerance in both the morning and evening. <i>Sleep</i> , 2014 , 37, 1715-9	1.1	109
52	Metabolic effects of sleep disruption, links to obesity and diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2014 , 21, 293-8	4	143
51	Sleep duration does not mediate or modify association of common genetic variants with type 2 diabetes. <i>Diabetologia</i> , 2014 , 57, 339-46	10.3	9

50	Alterations of melatonin receptors MT1 and MT2 in the hypothalamic suprachiasmatic nucleus during depression. <i>Journal of Affective Disorders</i> , 2013 , 148, 357-67	6.6	82
49	Common variants in CLOCK are not associated with measures of sleep duration in people of european ancestry from the sleep heart health study. <i>Biological Psychiatry</i> , 2013 , 74, e33-5	7.9	13
48	Timing of food intake predicts weight loss effectiveness. <i>International Journal of Obesity</i> , 2013 , 37, 604-15	11.5	361
47	The internal circadian clock increases hunger and appetite in the evening independent of food intake and other behaviors. <i>Obesity</i> , 2013 , 21, 421-3	8	148
46	The role of the circadian system in fractal neurophysiological control. <i>Biological Reviews</i> , 2013 , 88, 873-94	13.5	38
45	Day/night variability in blood pressure: influence of posture and physical activity. <i>American Journal of Hypertension</i> , 2013 , 26, 822-8	2.3	11
44	Direct effects of light on alertness, vigilance, and the waking electroencephalogram in humans depend on prior light history. <i>Sleep</i> , 2013 , 36, 1239-46	1.1	69
43	Noninvasive fractal biomarker of clock neurotransmitter disturbance in humans with dementia. <i>Scientific Reports</i> , 2013 , 3, 2229	4.9	39
42	Circadian system, sleep and endocrinology. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 91-104	4.4	220
41	Klf15 orchestrates circadian nitrogen homeostasis. <i>Cell Metabolism</i> , 2012 , 15, 311-23	24.6	100
40	The impact of the circadian timing system on cardiovascular and metabolic function. <i>Progress in Brain Research</i> , 2012 , 199, 337-358	2.9	126
39	Fractal patterns of neural activity exist within the suprachiasmatic nucleus and require extrinsic network interactions. <i>PLoS ONE</i> , 2012 , 7, e48927	3.7	33
38	Repeated melatonin supplementation improves sleep in hypertensive patients treated with beta-blockers: a randomized controlled trial. <i>Sleep</i> , 2012 , 35, 1395-402	1.1	68
37	The human endogenous circadian system causes greatest platelet activation during the biological morning independent of behaviors. <i>PLoS ONE</i> , 2011 , 6, e24549	3.7	114
36	The human circadian system adapts to prior photic history. <i>Journal of Physiology</i> , 2011 , 589, 1095-102	3.9	156
35	Circadian disruption and SCN control of energy metabolism. <i>FEBS Letters</i> , 2011 , 585, 1412-26	3.8	79
34	Endogenous circadian rhythm in vasovagal response to head-up tilt. <i>Circulation</i> , 2011 , 123, 961-70	16.7	56
33	Existence of an endogenous circadian blood pressure rhythm in humans that peaks in the evening. <i>Circulation Research</i> , 2011 , 108, 980-4	15.7	113

32	Impact of the human circadian system, exercise, and their interaction on cardiovascular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20541-6	11.5	185
31	Acute effects of bright light exposure on cortisol levels. <i>Journal of Biological Rhythms</i> , 2010 , 25, 208-16	3.2	97
30	Day/night variations of high-molecular-weight adiponectin and lipocalin-2 in healthy men studied under fed and fasted conditions. <i>Diabetologia</i> , 2010 , 53, 2401-5	10.3	50
29	Reduction of scale invariance of activity fluctuations with aging and Alzheimer's disease: Involvement of the circadian pacemaker. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2490-4	11.5	123
28	Effects of circadian disruption on the cardiometabolic system. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2009 , 10, 245-60	10.5	154
27	Is there a circadian variation of epileptiform abnormalities in idiopathic generalized epilepsy?. <i>Epilepsy and Behavior</i> , 2009 , 16, 461-7	3.2	55
26	Adverse metabolic and cardiovascular consequences of circadian misalignment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4453-8	11.5	1404
25	Influence of the Circadian System on Disease Severity. <i>Sleep Medicine Clinics</i> , 2009 , 4, 143-163	3.6	58
24	An endogenous circadian rhythm in sleep inertia results in greatest cognitive impairment upon awakening during the biological night. <i>Journal of Biological Rhythms</i> , 2008 , 23, 353-61	3.2	95
23	The circadian pacemaker generates similar circadian rhythms in the fractal structure of heart rate in humans and rats. <i>Cardiovascular Research</i> , 2008 , 80, 62-8	9.9	23
22	The endogenous circadian pacemaker imparts a scale-invariant pattern of heart rate fluctuations across time scales spanning minutes to 24 hours. <i>Journal of Biological Rhythms</i> , 2008 , 23, 265-73	3.2	27
21	Decreased sleep in heart failure: are medications to blame?. <i>Archives of Internal Medicine</i> , 2007 , 167, 1098-9; author reply 1099-100		3
20	The suprachiasmatic nucleus functions beyond circadian rhythm generation. <i>Neuroscience</i> , 2007 , 149, 508-17	3.9	82
19	Plasticity of the intrinsic period of the human circadian timing system. <i>PLoS ONE</i> , 2007 , 2, e721	3.7	87
18	Organization of circadian functions: interaction with the body. <i>Progress in Brain Research</i> , 2006 , 153, 341-60	2.9	119
17	SCN outputs and the hypothalamic balance of life. <i>Journal of Biological Rhythms</i> , 2006 , 21, 458-69	3.2	317
16	Reduced sleep efficiency in cervical spinal cord injury; association with abolished night time melatonin secretion. <i>Spinal Cord</i> , 2006 , 44, 78-81	2.7	71
15	Short-wavelength sensitivity for the direct effects of light on alertness, vigilance, and the waking electroencephalogram in humans. <i>Sleep</i> , 2006 , 29, 161-8	1.1	359

14	Environmental light and suprachiasmatic nucleus interact in the regulation of body temperature. <i>Neuroscience</i> , 2005 , 132, 465-77	3.9	73
13	Potential use of melatonin as adjunct antihypertensive therapy. <i>American Journal of Hypertension</i> , 2005 , 18, 1619-20	2.3	17
12	Melatonin in the Regulation of Sleep and Circadian Rhythms 2005 , 395-404		8
11	Daily nighttime melatonin reduces blood pressure in male patients with essential hypertension. <i>Hypertension</i> , 2004 , 43, 192-7	8.5	321
10	Light and diurnal cycle affect autonomic cardiac balance in human; possible role for the biological clock. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004 , 110, 44-8	2.4	55
9	Cardiovascular control by the suprachiasmatic nucleus: neural and neuroendocrine mechanisms in human and rat. <i>Biological Chemistry</i> , 2003 , 384, 697-709	4.5	85
8	Human basal cortisol levels are increased in hospital compared to home setting. <i>Neuroscience Letters</i> , 2002 , 333, 79-82	3.3	17
7	Physiological and anatomic evidence for regulation of the heart by suprachiasmatic nucleus in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1391-9	5.2	93
6	Light affects morning salivary cortisol in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3395-8	5.6	190
5	Light and diurnal cycle affect human heart rate: possible role for the circadian pacemaker. <i>Journal of Biological Rhythms</i> , 1999 , 14, 202-12	3.2	118
4	Night Shift Work Increases the Risk of Asthma		1
3	Biological and clinical insights from genetics of insomnia symptoms		2
2	GWAS in 446,118 European adults identifies 78 genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates		5
1	Genome-wide association analyses of sleep disturbance traits identify new loci and highlight shared genetics with neuropsychiatric and metabolic traits		1