Andrew W Mchill

List of Publications by Year
in descending order

54 papers	2,741 citations	394421 19 h-index	315739 38 g-index
55 all docs	55 docs citations	55 times ranked	3342 citing authors

#	Article	IF	Citations
1	Entrainment of the Human Circadian Clock to the Natural Light-Dark Cycle. Current Biology, 2013, 23, 1554-1558.	3.9	524
2	Later circadian timing of food intake is associated with increased body fat. American Journal of Clinical Nutrition, 2017, 106, 1213-1219.	4.7	280
3	Impact of circadian misalignment on energy metabolism during simulated nightshift work. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17302-17307.	7.1	250
4	Identifying Objective Physiological Markers and Modifiable Behaviors for Self-Reported Stress and Mental Health Status Using Wearable Sensors and Mobile Phones: Observational Study. Journal of Medical Internet Research, 2018, 20, e210.	4.3	230
5	Circadian Entrainment to the Natural Light-Dark Cycle across Seasons and the Weekend. Current Biology, 2017, 27, 508-513.	3.9	200
6	Effects of caffeine on the human circadian clock in vivo and in vitro. Science Translational Medicine, 2015, 7, 305ra146.	12.4	184
7	Recognizing academic performance, sleep quality, stress level, and mental health using personality traits, wearable sensors and mobile phones. , 2015, 2015, .		173
8	Morning Circadian Misalignment during Short Sleep Duration Impacts Insulin Sensitivity. Current Biology, 2015, 25, 3004-3010.	3.9	129
9	Mistimed food intake and sleep alters 24-hour time-of-day patterns of the human plasma proteome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5390-E5399.	7.1	82
10	Sleep inertia: current insights . Nature and Science of Sleep, 2019, Volume 11, 155-165.	2.7	68
11	Chronic sleep curtailment, even without extended (>16-h) wakefulness, degrades human vigilance performance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6070-6075.	7.1	60
12	Irregular sleep and event schedules are associated with poorer self-reported well-being in US college students. Sleep, 2020, 43, .	1.1	57
13	Prediction of Happy-Sad mood from daily behaviors and previous sleep history. , 2015, 2015, 6796-9.		43
14	Caloric and Macronutrient Intake Differ with Circadian Phase and between Lean and Overweight Young Adults. Nutrients, 2019, 11, 587.	4.1	40
15	Circadian Rhythm of Vascular Function in Midlife Adults. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1203-1211.	2.4	39
16	Effects of Caffeine on Skin and Core Temperatures, Alertness, and Recovery Sleep During Circadian Misalignment. Journal of Biological Rhythms, 2014, 29, 131-143.	2.6	37
17	Chronic sleep restriction greatly magnifies performance decrements immediately after awakening. Sleep, 2019, 42, .	1.1	32
18	Utilizing the National Basketball Associationâ€™s COVID-19 restart â€œbubbleâ€•to uncover the impact of travel and circadian disruption on athletic performance. Scientific Reports, 2020, 10, 21827.	3.3	31

#	Article	IF	Citations
19	Impact of sleep inertia on visual selective attention for rare targets and the influence of chronotype. Journal of Sleep Research, 2017, 26, 551-558.	3.2	27
20	Chronic Insufficient Sleep Has a Limited Impact on Circadian Rhythmicity of Subjective Hunger and Awakening Fasted Metabolic Hormones. Frontiers in Endocrinology, 2018, 9, 319.	3.5	27
21	Effect of Slow Wave Sleep Disruption on Metabolic Parameters in Adolescents. Sleep, 2016, 39, 1591-1599.	1.1	26
22	Circadian rhythm in negative affect: Implications for mood disorders. Psychiatry Research, 2020, 293, 113337.	3.3	23
23	Daytime bright light exposure, metabolism, and individual differences in wake and sleep energy expenditure during circadian entrainment and misalignment. Neurobiology of Sleep and Circadian Rhythms, 2018, 4, 49-56.	2.8	21
24	Resident physician extended work hours and burnout. Sleep, 2018, 41, .	1.1	20
25	Robust stability of melatonin circadian phase, sleep metrics, and chronotype across months in young adults living in realâ€world settings. Journal of Pineal Research, 2021, 70, e12720.	7.4	19
26	Cognitive Impairments during the Transition to Working at Night and on Subsequent Night Shifts. Journal of Biological Rhythms, 2019, 34, 432-446.	2.6	17
27	Stability of the timing of food intake at daily and monthly timescales in young adults. Scientific Reports, 2020, 10, 20849.	3.3	14
28	Multimodal ambulatory sleep detection. , 2017, 2017, 465-468.		13
29	The Relationship Between Estrogen and the Decline in Delta Power During Adolescence. Sleep, 2017, 40, .	1.1	13
30	Biological pathways underlying the association between habitual long-sleep and elevated cardiovascular risk in adults. Sleep Medicine, 2021, 78, 135-140.	1.6	12
31	A classification approach to estimating human circadian phase under circadian alignment from actigraphy and photometry data. Journal of Pineal Research, 2021, 71, e12745.	7.4	9
32	Lowest perceived exertion in the late morning due to effects of the endogenous circadian system. British Journal of Sports Medicine, 2018, 52, 1011-1012.	6.7	7
33	Shorter Sleep Predicts Longer Subsequent Day Sedentary Duration in Healthy Midlife Adults, but Not in Those with Sleep Apnea. Nature and Science of Sleep, 2021, Volume 13, 1411-1418.	2.7	7
34	Early Morning Food Intake as a Risk Factor for Metabolic Dysregulation. Nutrients, 2020, 12, 756.	4.1	6
35	Chronic Circadian Disruption and Sleep Restriction Influence Subjective Hunger, Appetite, and Food Preference. Nutrients, 2022, 14, 1800.	4.1	6
36	Rapid changes in overnight blood pressure after transitioning to early-morning shiftwork. Sleep, 2022, 45, .	1.1	5

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37	Sleep Efficiency is Inversely Associated with Brachial Artery Diameter and Morning Blood Pressure in Midlife Adults, with a Potential Sex-Effect. Nature and Science of Sleep, 2021, Volume 13, 1641-1651.	2.7	4
38	Sensor-Based Estimation of Dim Light Melatonin Onset Using Features of Two Time Scales. ACM Transactions on Computing for Healthcare, 2021, 2, 1-15.	5.0	2
39	Work Around the Clock. Clinics in Chest Medicine, 2022, 43, 249-259.	2.1	2
40	0051 Altered Endogenous Circadian Rhythm of the Endocannabinoid Anandamide by Body Mass Index. Sleep, 2019, 42, A21-A22.	1.1	1
41	CrossTalk opposing view: Insufficient sleep is not responsible for increased risk of metabolic disease in shift workers. Journal of Physiology, 2022, 600, 1603-1605.	2.9	1
42	Lowest Perceived Exertion In The Late Morning Due To Effects Of The Endogenous Circadian System. Medicine and Science in Sports and Exercise, 2018, 50, 175.	0.4	0
43	0044 The Circadian System Modulates Cardiovascular Responses To Standing Differently In People With Obstructive Sleep Apnea Compared To Healthy Controls.. Sleep, 2019, 42, A18-A18.	1.1	0
44	0047 Circadian Regulation of Hunger is Similar in Lean and Non-lean Individuals.. Sleep, 2019, 42, A19-A20.	1.1	0
45	Neurological Modulations of Sleep. , 2020, , 317-324.		0
46	078 Chronic sleep and circadian disruption differentially affects blood pressure, renal sodium retention, and aldosterone secretion. Sleep, 2021, 44, A32-A33.	1.1	0
47	077 Human activity levels reflect circadian influences independent of sleep/wake behavior. Sleep, 2021, 44, A32-A32.	1.1	0
48	Free-Running Cycle. , 2018, , 1-4.		0
49	Shorter Sleep Duration Is Associated With Increased Sedentary Duration In Lean, But Not Overweight Or Obese, Individuals. Medicine and Science in Sports and Exercise, 2019, 51, 888-889.	0.4	0
50	1949-P: Elevated FGF-21 during Circadian Misalignment in Healthy Humans. Diabetes, 2019, 68, 1949-P.	0.6	0
51	Can Overnight Sleep Efficiency Impact Cardiovascular Risk in the Morning? [Response to Letter]. Nature and Science of Sleep, 2021, Volume 13, 2051-2052.	2.7	0
52	Rebuttal from Saurabh S. Thosar, Nicole P. Bowles and Andrew W. McHill. Journal of Physiology, 2022, 600, 1609-1610.	2.9	0
53	0222 A shift in the circadian timing of calories and an increase in sleep variability are associated with changes in cardiometabolic health in a real-world setting. Sleep, 2022, 45, A101-A101.	1.1	0
54	Later energy intake relative to mathematically modeled circadian time is associated with higher percentage body fat. Obesity, 2023, 31, 50-56.	3.0	0