

# Andrew W Mchill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6906903/publications.pdf>

Version: 2024-02-01

54  
papers

2,741  
citations

394286

19  
h-index

315616

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. <i>Current Biology</i> , 2013, 23, 1554-1558.	1.8	524
2	Later circadian timing of food intake is associated with increased body fat. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1213-1219.	2.2	280
3	Impact of circadian misalignment on energy metabolism during simulated nightshift work. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17302-17307.	3.3	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. <i>Journal of Medical Internet Research</i> , 2018, 20, e210.	2.1	230
5	Circadian Entrainment to the Natural Light-Dark Cycle across Seasons and the Weekend. <i>Current Biology</i> , 2017, 27, 508-513.	1.8	200
6	Effects of caffeine on the human circadian clock in vivo and in vitro. <i>Science Translational Medicine</i> , 2015, 7, 305ra146.	5.8	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. <i>Current Biology</i> , 2015, 25, 3004-3010.	1.8	129
9	Mistimed food intake and sleep alters 24-hour time-of-day patterns of the human plasma proteome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5390-E5399.	3.3	82
10	&lt;p&gt;Sleep inertia: current insights&lt;/p&gt;. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 155-165.	1.4	68
11	Chronic sleep curtailment, even without extended (&gt;16-h) wakefulness, degrades human vigilance performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6070-6075.	3.3	60
12	Irregular sleep and event schedules are associated with poorer self-reported well-being in US college students. <i>Sleep</i> , 2020, 43, .	0.6	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. <i>Nutrients</i> , 2019, 11, 587.	1.7	40
15	Circadian Rhythm of Vascular Function in Midlife Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1203-1211.	1.1	39
16	Effects of Caffeine on Skin and Core Temperatures, Alertness, and Recovery Sleep During Circadian Misalignment. <i>Journal of Biological Rhythms</i> , 2014, 29, 131-143.	1.4	37
17	Chronic sleep restriction greatly magnifies performance decrements immediately after awakening. <i>Sleep</i> , 2019, 42, .	0.6	32
18	Utilizing the National Basketball Association's COVID-19 restart "bubble" to uncover the impact of travel and circadian disruption on athletic performance. <i>Scientific Reports</i> , 2020, 10, 21827.	1.6	31

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19	Impact of sleep inertia on visual selective attention for rare targets and the influence of chronotype. <i>Journal of Sleep Research</i> , 2017, 26, 551-558.	1.7	27
20	Chronic Insufficient Sleep Has a Limited Impact on Circadian Rhythmicity of Subjective Hunger and Awakening Fasted Metabolic Hormones. <i>Frontiers in Endocrinology</i> , 2018, 9, 319.	1.5	27
21	Effect of Slow Wave Sleep Disruption on Metabolic Parameters in Adolescents. <i>Sleep</i> , 2016, 39, 1591-1599.	0.6	26
22	Circadian rhythm in negative affect: Implications for mood disorders. <i>Psychiatry Research</i> , 2020, 293, 113337.	1.7	23
23	Daytime bright light exposure, metabolism, and individual differences in wake and sleep energy expenditure during circadian entrainment and misalignment. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2018, 4, 49-56.	1.4	21
24	Resident physician extended work hours and burnout. <i>Sleep</i> , 2018, 41, .	0.6	20
25	Robust stability of melatonin circadian phase, sleep metrics, and chronotype across months in young adults living in real-world settings. <i>Journal of Pineal Research</i> , 2021, 70, e12720.	3.4	19
26	Cognitive Impairments during the Transition to Working at Night and on Subsequent Night Shifts. <i>Journal of Biological Rhythms</i> , 2019, 34, 432-446.	1.4	17
27	Stability of the timing of food intake at daily and monthly timescales in young adults. <i>Scientific Reports</i> , 2020, 10, 20849.	1.6	14
28	Multimodal ambulatory sleep detection. , 2017, 2017, 465-468.		13
29	The Relationship Between Estrogen and the Decline in Delta Power During Adolescence. <i>Sleep</i> , 2017, 40, .	0.6	13
30	Biological pathways underlying the association between habitual long-sleep and elevated cardiovascular risk in adults. <i>Sleep Medicine</i> , 2021, 78, 135-140.	0.8	12
31	A classification approach to estimating human circadian phase under circadian alignment from actigraphy and photometry data. <i>Journal of Pineal Research</i> , 2021, 71, e12745.	3.4	9
32	Lowest perceived exertion in the late morning due to effects of the endogenous circadian system. <i>British Journal of Sports Medicine</i> , 2018, 52, 1011-1012.	3.1	7
33	Shorter Sleep Predicts Longer Subsequent Day Sedentary Duration in Healthy Midlife Adults, but Not in Those with Sleep Apnea. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1411-1418.	1.4	7
34	Early Morning Food Intake as a Risk Factor for Metabolic Dysregulation. <i>Nutrients</i> , 2020, 12, 756.	1.7	6
35	Chronic Circadian Disruption and Sleep Restriction Influence Subjective Hunger, Appetite, and Food Preference. <i>Nutrients</i> , 2022, 14, 1800.	1.7	6
36	Rapid changes in overnight blood pressure after transitioning to early-morning shiftwork. <i>Sleep</i> , 2022, 45, .	0.6	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. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1641-1651.	1.4	4
38	Sensor-Based Estimation of Dim Light Melatonin Onset Using Features of Two Time Scales. <i>ACM Transactions on Computing for Healthcare</i> , 2021, 2, 1-15.	3.3	2
39	Work Around the Clock. <i>Clinics in Chest Medicine</i> , 2022, 43, 249-259.	0.8	2
40	0051 Altered Endogenous Circadian Rhythm of the Endocannabinoid Anandamide by Body Mass Index. <i>Sleep</i> , 2019, 42, A21-A22.	0.6	1
41	CrossTalk opposing view: Insufficient sleep is not responsible for increased risk of metabolic disease in shift workers. <i>Journal of Physiology</i> , 2022, 600, 1603-1605.	1.3	1
42	Lowest Perceived Exertion In The Late Morning Due To Effects Of The Endogenous Circadian System. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 175.	0.2	0
43	0044 The Circadian System Modulates Cardiovascular Responses To Standing Differently In People With Obstructive Sleep Apnea Compared To Healthy Controls.. <i>Sleep</i> , 2019, 42, A18-A18.	0.6	0
44	0047 Circadian Regulation of Hunger is Similar in Lean and Non-lean Individuals.. <i>Sleep</i> , 2019, 42, A19-A20.	0.6	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. <i>Sleep</i> , 2021, 44, A32-A33.	0.6	0
47	077 Human activity levels reflect circadian influences independent of sleep/wake behavior. <i>Sleep</i> , 2021, 44, A32-A32.	0.6	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. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 888-889.	0.2	0
50	1949-P: Elevated FGF-21 during Circadian Misalignment in Healthy Humans. <i>Diabetes</i> , 2019, 68, 1949-P.	0.3	0
51	Can Overnight Sleep Efficiency Impact Cardiovascular Risk in the Morning? [Response to Letter]. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 2051-2052.	1.4	0
52	Rebuttal from Saurabh S. Thosar, Nicole P. Bowles and Andrew W. McHill. <i>Journal of Physiology</i> , 2022, 600, 1609-1610.	1.3	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. <i>Sleep</i> , 2022, 45, A101-A101.	0.6	0
54	Later energy intake relative to mathematically modeled circadian time is associated with higher percentage body fat. <i>Obesity</i> , 2023, 31, 50-56.	1.5	0