

Rachel R Markwald

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,726
citations

567144

15
h-index

642610

23
g-index

31
all docs

31
docs citations

31
times ranked

2275
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of insufficient sleep on total daily energy expenditure, food intake, and weight gain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5695-5700.	3.3	630
2	Performance of seven consumer sleep-tracking devices compared with polysomnography. <i>Sleep</i> , 2021, 44, .	0.6	194
3	Effects of caffeine on the human circadian clock in vivo and in vitro. <i>Science Translational Medicine</i> , 2015, 7, 305ra146.	5.8	184
4	Morning Circadian Misalignment during Short Sleep Duration Impacts Insulin Sensitivity. <i>Current Biology</i> , 2015, 25, 3004-3010.	1.8	129
5	Mechanical influences on skeletal muscle vascular tone in humans: insight into contraction-induced rapid vasodilatation. <i>Journal of Physiology</i> , 2007, 583, 861-874.	1.3	95
6	Combination of Light and Melatonin Time Cues for Phase Advancing the Human Circadian Clock. <i>Sleep</i> , 2013, 36, 1617-1624.	0.6	95
7	Ageing and leg postjunctional $\hat{\pm}$ -adrenergic vasoconstrictor responsiveness in healthy men. <i>Journal of Physiology</i> , 2007, 582, 63-71.	1.3	70
8	Combined inhibition of nitric oxide and vasodilating prostaglandins abolishes forearm vasodilatation to systemic hypoxia in healthy humans. <i>Journal of Physiology</i> , 2011, 589, 1979-1990.	1.3	49
9	<p>Evaluations of Commercial Sleep Technologies for Objective Monitoring During Routine Sleeping Conditions</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 821-842.	1.4	46
10	Performance of Four Commercial Wearable Sleep-Tracking Devices Tested Under Unrestricted Conditions at Home in Healthy Young Adults. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 493-516.	1.4	45
11	Effects of the Melatonin MT-1/MT-2 Agonist Ramelteon on Daytime Body Temperature and Sleep. <i>Sleep</i> , 2010, 33, 825-831.	0.6	40
12	Validation of Zulu Watch against Polysomnography and Actigraphy for On-Wrist Sleep-Wake Determination and Sleep-Depth Estimation. <i>Sensors</i> , 2021, 21, 76.	2.1	22
13	Performance of a Portable Sleep Monitoring Device in Individuals with High Versus Low Sleep Efficiency. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 95-103.	1.4	21
14	Developing preliminary blood metabolomics-based biomarkers of insufficient sleep in humans. <i>Sleep</i> , 2020, 43, .	0.6	21
15	Circadian Misalignment and Sleep Disruption in Shift Work: Implications for Fatigue and Risk of Weight Gain and Obesity. , 2012, , 101-118.		18
16	Mechanical effects of muscle contraction do not blunt sympathetic vasoconstriction in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1610-H1617.	1.5	15
17	Prevalence and predictors of insomnia and sleep medication use in a large tri-service US military sample. <i>Sleep Health</i> , 2021, 7, 675-682.	1.3	13
18	Morning Cortisol Is Associated With Stress and Sleep in Elite Military Men: A Brief Report. <i>Military Medicine</i> , 2018, 183, e255-e259.	0.4	12

#	ARTICLE	IF	CITATIONS
19	BEHAVIORAL STRATEGIES, INCLUDING EXERCISE, FOR ADDRESSING INSOMNIA. ACSM's Health and Fitness Journal, 2018, 22, 23-29.	0.3	8
20	Longitudinal associations of military-related factors on self-reported sleep among U.S. service members. Sleep, 2021, 44, .	0.6	8
21	The relationship between military occupation and diagnosed insomnia following combat deployment. Journal of Clinical Sleep Medicine, 2020, 16, 1125-1132.	1.4	4
22	Performance during unplanned night time awakenings and following disrupted sleep. Journal of Science and Medicine in Sport, 2017, 20, S18.	0.6	2
23	When Does a "Shock Target" Lose Its Value? Target Repetition Consequences for Challenging Lethal Force Stimuli. Journal of Police and Criminal Psychology, 2022, 37, 80-90.	1.2	2
24	275 Evaluation of Multiple Wearable Sleep-Tracking Devices Tested Under Ad Lib Home Sleep Conditions. Sleep, 2021, 44, A110-A110.	0.6	1
25	A Sleep Primer for Military Psychologists. , 2017, , 239-258.		1
26	Use of technology for real-world sleep and circadian research. , 2021, , .		1
27	0108 Insufficient Sleep Alters After-Dinner Consumption of High-Carbohydrate Snacks. Sleep, 2019, 42, A44-A45.	0.6	0
28	0041 Preliminary Identification and Validation of a Plasma Metabolome-Based Biomarker for Circadian Phase in Humans. Sleep, 2019, 42, A17-A17.	0.6	0
29	Waking Up to the Impacts of Sleep Health on Human Performance. Sleep Medicine Clinics, 2020, 15, xi.	1.2	0
30	Leaning in to Address Sleep Disturbances and Sleep Disorders in Department of Defense and Defense Health Agency. Military Medicine, 2021, , .	0.4	0