Jeanne F Duffy

List of Publications by Citations

129 papers	12,233 citations	53 h-index	110 g-index
141 ext. papers	13,865 ext. citations	4.9 avg, IF	6.33 L-index

#	Paper	IF	Citations
129	Stability, precision, and near-24-hour period of the human circadian pacemaker. *Science*, **1999**, 284, 2177-81	33.3	1239
128	Bright light induction of strong (type 0) resetting of the human circadian pacemaker. *Science*, **1989**, 244, 1328-33	33.3	769
127	Evening use of light-emitting eReaders negatively affects sleep, circadian timing, and next-morning alertness. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 1232-7	11.5	597
126	Adverse metabolic consequences in humans of prolonged sleep restriction combined with circadian disruption. *Science Translational Medicine*, **2012**, 4, 129ra43	17.5	500
125	Dose-response relationships for resetting of human circadian clock by light. *Nature*, **1996**, 379, 540-2	50.4	458
124	Circadian and sleep/wake dependent aspects of subjective alertness and cognitive performance. *Journal of Sleep Research*, **1992**, 1, 112-7	5.8	457
123	Exposure to bright light and darkness to treat physiologic maladaptation to night work. *New England Journal of Medicine*, **1990**, 322, 1253-9	59.2	455
122	Association of intrinsic circadian period with morningness–eveningness, usual wake time, and circadian phase.. *Behavioral Neuroscience*, **2001**, 115, 895-899	2.1	397
121	Association of sleep-wake habits in older people with changes in output of circadian pacemaker. *Lancet, The*, **1992**, 340, 933-6	40	358
120	Sex difference in the near-24-hour intrinsic period of the human circadian timing system. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108 Suppl 3, 15602-8	11.5	343
119	Ageing and the circadian and homeostatic regulation of human sleep during forced desynchrony of rest, melatonin and temperature rhythms. *Journal of Physiology*, **1999**, 516 (Pt 2), 611-27	3.9	333
118	Entrainment of the human circadian system by light. *Journal of Biological Rhythms*, **2005**, 20, 326-38	3.2	273
117	Comparisons of the variability of three markers of the human circadian pacemaker. *Journal of Biological Rhythms*, **2002**, 17, 181-93	3.2	263
116	Contribution of circadian physiology and sleep homeostasis to age-related changes in human sleep. *Chronobiology International*, **2000**, 17, 285-311	3.6	254
115	Getting through to circadian oscillators: why use constant routines?. *Journal of Biological Rhythms*, **2002**, 17, 4-13	3.2	246
114	Effect of Light on Human Circadian Physiology. *Sleep Medicine Clinics*, **2009**, 4, 165-177	3.6	235
113	Do plasma melatonin concentrations decline with age?. *American Journal of Medicine*, **1999**, 107, 432-6	2.4	199

112	Human responses to bright light of different durations. *Journal of Physiology*, **2012**, 590, 3103-12	3.9	184
111	Sex differences in phase angle of entrainment and melatonin amplitude in humans. *Journal of Biological Rhythms*, **2010**, 25, 288-96	3.2	173
110	Variation of electroencephalographic activity during non-rapid eye movement and rapid eye movement sleep with phase of circadian melatonin rhythm in humans. *Journal of Physiology*, **1997**, 505 (Pt 3), 851-8	3.9	173
109	Aging and Circadian Rhythms. *Sleep Medicine Clinics*, **2015**, 10, 423-34	3.6	159
108	Intrinsic period and light intensity determine the phase relationship between melatonin and sleep in humans. *Journal of Biological Rhythms*, **2005**, 20, 168-77	3.2	157
107	Age-related change in the relationship between circadian period, circadian phase, and diurnal preference in humans. *Neuroscience Letters*, **2002**, 318, 117-20	3.3	156
106	Peak of circadian melatonin rhythm occurs later within the sleep of older subjects. *American Journal of Physiology - Endocrinology and Metabolism*, **2002**, 282, E297-303	6	151
105	Association of intrinsic circadian period with morningness-eveningness, usual wake time, and circadian phase. *Behavioral Neuroscience*, **2001**, 115, 895-9	2.1	143
104	Age-related increase in awakenings: impaired consolidation of nonREM sleep at all circadian phases. *Sleep*, **2001**, 24, 565-77	1.1	131
103	Circadian regulation of human sleep and age-related changes in its timing, consolidation and EEG characteristics. *Annals of Medicine*, **1999**, 31, 130-40	1.5	122
102	Healthy older adults better tolerate sleep deprivation than young adults. *Journal of the American Geriatrics Society*, **2009**, 57, 1245-51	5.6	119
101	Later endogenous circadian temperature nadir relative to an earlier wake time in older people. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1998**, 275, R1478-87	3.2	110
100	Acute sleep deprivation and circadian misalignment associated with transition onto the first night of work impairs visual selective attention. *PLoS ONE*, **2007**, 2, e1233	3.7	105
99	Why the dim light melatonin onset (DLMO) should be measured before treatment of patients with circadian rhythm sleep disorders. *Sleep Medicine Reviews*, **2014**, 18, 333-9	10.2	98
98	Access to Electric Light Is Associated with Shorter Sleep Duration in a Traditionally Hunter-Gatherer Community. *Journal of Biological Rhythms*, **2015**, 30, 342-50	3.2	94
97	Comparison of subjective and objective assessments of sleep in healthy older subjects without sleep complaints. *Journal of Sleep Research*, **2009**, 18, 254-63	5.8	92
96	Amplitude reduction and phase shifts of melatonin, cortisol and other circadian rhythms after a gradual advance of sleep and light exposure in humans. *PLoS ONE*, **2012**, 7, e30037	3.7	88
95	Decreased sensitivity to phase-delaying effects of moderate intensity light in older subjects. *Neurobiology of Aging*, **2007**, 28, 799-807	5.6	88

94	Polysomnographic respiratory abnormalities in asymptomatic individuals. *Sleep*, **2008**, 31, 241-8	1.1	82
93	Dynamic resetting of the human circadian pacemaker by intermittent bright light. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 279, R1574-9	3.2	82
92	Research on sleep, circadian rhythms and aging: applications to manned spaceflight. *Experimental Gerontology*, **1991**, 26, 217-32	4.5	82
91	Sleep duration in midlife and later life in relation to cognition. *Journal of the American Geriatrics Society*, **2014**, 62, 1073-81	5.6	78
90	Survival analysis indicates that age-related decline in sleep continuity occurs exclusively during NREM sleep. *Neurobiology of Aging*, **2013**, 34, 309-18	5.6	76
89	Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake. *Sleep*, **2007**, 30, 1437-43	1.1	76
88	Circadian and wake-dependent influences on subjective sleepiness, cognitive throughput, and reaction time performance in older and young adults. *Sleep*, **2010**, 33, 481-90	1.1	75
87	Sensitivity of the human circadian pacemaker to moderately bright light. *Journal of Biological Rhythms*, **1994**, 9, 315-31	3.2	71
86	Predictors of poor sleep quality among Lebanese university students: association between evening typology, lifestyle behaviors, and sleep habits. *Nature and Science of Sleep*, **2014**, 6, 11-8	3.6	70
85	Light exposure patterns in healthy older and young adults. *Journal of Biological Rhythms*, **2010**, 25, 113-22	3.2	70
84	Human Resting Energy Expenditure Varies with Circadian Phase. *Current Biology*, **2018**, 28, 3685-3690.e3	6.3	70
83	Circadian phase resetting in older people by ocular bright light exposure. *Journal of Investigative Medicine*, **2001**, 49, 30-40	2.9	66
82	Older people awaken more frequently but fall back asleep at the same rate as younger people. *Sleep*, **2004**, 27, 793-8	1.1	60
81	Human circadian pacemaker is sensitive to light throughout subjective day without evidence of transients. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1997**, 273, R1800-9	3.2	59
80	Differential impact of chronotype on weekday and weekend sleep timing and duration. *Nature and Science of Sleep*, **2010**, 2010, 213-220	3.6	58
79	One night of sleep deprivation affects reaction time, but not interference or facilitation in a Stroop task. *Brain and Cognition*, **2011**, 76, 37-42	2.7	56
78	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. *Diabetes*, **2016**, 65, 1741-51	0.9	55
77	Temporal dynamics of late-night photic stimulation of the human circadian timing system. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 289, R839-44	3.2	55

76	Sleep inertia varies with circadian phase and sleep stage in older adults. *Behavioral Neuroscience*, **2008**, 122, 928-35	2.1	51
75	Scheduling of sleep/darkness affects the circadian phase of night shift workers. *Neuroscience Letters*, **2005**, 384, 316-20	3.3	51
74	Laboratory validation of an in-home method for assessing circadian phase using dim light melatonin onset (DLMO). *Sleep Medicine*, **2012**, 13, 703-6	4.6	50
73	Unrestricted evening use of light-emitting tablet computers delays self-selected bedtime and disrupts circadian timing and alertness. *Physiological Reports*, **2018**, 6, e13692	2.6	49
72	Reliability and validity of the Korean version of Morningness-Eveningness Questionnaire in adults aged 20-39 years. *Chronobiology International*, **2014**, 31, 479-86	3.6	47
71	Melatonin rhythm observed throughout a three-cycle bright-light stimulus designed to reset the human circadian pacemaker. *Journal of Biological Rhythms*, **1999**, 14, 237-53	3.2	47
70	Circadian Rhythm Sleep-Wake Disorders in Older Adults. *Sleep Medicine Clinics*, **2018**, 13, 39-50	3.6	45
69	Female Sex and Gender in Lung/Sleep Health and Disease. Increased Understanding of Basic Biological, Pathophysiological, and Behavioral Mechanisms Leading to Better Health for Female Patients with Lung Disease. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 850-858	10.2	44
68	Sleep- and circadian-dependent modulation of REM density. *Journal of Sleep Research*, **2002**, 11, 53-9	5.8	41
67	A common polymorphism near PER1 and the timing of human behavioral rhythms. *Annals of Neurology*, **2012**, 72, 324-34	9.4	38
66	Sex difference in daily rhythms of clock gene expression in the aged human cerebral cortex. *Journal of Biological Rhythms*, **2013**, 28, 117-29	3.2	36
65	The timing of the human circadian clock is accurately represented by the core body temperature rhythm following phase shifts to a three-cycle light stimulus near the critical zone. *Journal of Biological Rhythms*, **2000**, 15, 524-30	3.2	36
64	Neurobehavioral performance in young adults living on a 28-h day for 6 weeks. *Sleep*, **2009**, 32, 905-13	1.1	33
63	Chronotype and breast cancer risk in a cohort of US nurses. *Chronobiology International*, **2013**, 30, 1181-6	3.6	32
62	Effects on subjective and objective alertness and sleep in response to evening light exposure in older subjects. *Behavioural Brain Research*, **2011**, 224, 272-8	3.4	32
61	Young adults are more vulnerable to chronic sleep deficiency and recurrent circadian disruption than older adults. *Scientific Reports*, **2018**, 8, 11052	4.9	31
60	Sleep, Sleep Disorders, and Sexual Dysfunction. *World Journal of Men?s Health*, **2019**, 37, 261-275	6.8	31
59	Human diurnal preference and circadian rhythmicity are not associated with the CLOCK 3111C/T gene polymorphism. *Journal of Biological Rhythms*, **2011**, 26, 276-9	3.2	30

58	Google Trends reveals increases in internet searches for insomnia during the 2019 coronavirus disease (COVID-19) global pandemic. *Journal of Clinical Sleep Medicine*, **2021**, 17, 177-184	3.1	30
57	Free-running circadian period does not shorten with age in female Syrian hamsters. *Neuroscience Letters*, **1999**, 271, 77-80	3.3	29
56	Circadian phase resetting by a single short-duration light exposure. *JCI Insight*, **2017**, 2, e89494	9.9	27
55	Chronotype, Sleep Characteristics, and Musculoskeletal Disorders Among Hospital Nurses. *Workplace Health and Safety*, **2018**, 66, 8-15	2	26
54	Circadian Rhythm Sleep Disorders. *Journal of Clinical Outcomes Management*, **2013**, 20, 513-528	1.5	25
53	Novel Approaches for Assessing Circadian Rhythmicity in Humans: A Review. *Journal of Biological Rhythms*, **2020**, 35, 421-438	3.2	25
52	Do sleep disturbances mediate the association between work-family conflict and depressive symptoms among nurses? A cross-sectional study. *Journal of Psychiatric and Mental Health Nursing*, **2017**, 24, 620-628	2.4	24
51	Entrained phase of the circadian pacemaker serves to stabilize alertness and performance throughout the habitual waking day. **1994**, 89-110		22
50	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. *Chronobiology International*, **2016**, 33, 561-73	3.6	19
49	Scheduled evening sleep and enhanced lighting improve adaptation to night shift work in older adults. *Occupational and Environmental Medicine*, **2016**, 73, 869-876	2.1	18
48	Age-Related Sleep Disruption and Reduction in the Circadian Rhythm of Urine Output: Contribution to Nocturia?. *Current Aging Science*, **2016**, 9, 34-43	2.2	17
47	Ancestral sleep. *Current Biology*, **2016**, 26, R271-2	6.3	17
46	The Case for Addressing Operator Fatigue. *Reviews of Human Factors and Ergonomics*, **2015**, 10, 29-78		15
45	The effects of circadian phase, time awake, and imposed sleep restriction on performing complex visual tasks: evidence from comparative visual search. *Journal of Vision*, **2012**, 12,	0.4	15
44	Periodic limb movements in sleep exhibit a circadian rhythm that is maximal in the late evening/early night. *Sleep Medicine*, **2011**, 12, 83-8	4.6	15
43	EEG sleep spectra in older adults across all circadian phases during NREM sleep. *Sleep*, **2010**, 33, 389-401	1.1	15
42	Workshop report. Circadian rhythm sleep-wake disorders: gaps and opportunities. *Sleep*, **2021**, 44,	1.1	15
41	Introduction to Chronobiology. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	13

40	Exercise distributed across day and night does not alter circadian period in humans. *Journal of Biological Rhythms*, **2007**, 22, 534-41	3.2	13
39	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. *Scientific Reports*, **2019**, 9, 5350	4.9	12
38	Improved cognitive morning performance in healthy older adults following blue-enriched light exposure on the previous evening. *Behavioural Brain Research*, **2018**, 348, 267-275	3.4	12
37	Noncontact Pressure-Based Sleep/Wake Discrimination. *IEEE Transactions on Biomedical Engineering*, **2017**, 64, 1750-1760	5	12
36	Absence of an Increase in the Duration of the Circadian Melatonin Secretory Episode in Totally Blind Human Subjects. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 3166-3170	5.6	12
35	Classifying attentional vulnerability to total sleep deprivation using baseline features of Psychomotor Vigilance Test performance. *Scientific Reports*, **2019**, 9, 12102	4.9	11
34	A new face of sleep: The impact of post-learning sleep on recognition memory for face-name associations. *Neurobiology of Learning and Memory*, **2015**, 126, 31-8	3.1	10
33	The Comorbidity of Musculoskeletal Disorders and Depression: Associations with Working Conditions Among Hospital Nurses. *Workplace Health and Safety*, **2020**, 68, 346-354	2	10
32	Headache and sleep: also assess circadian rhythm sleep disorders. *Headache*, **2014**, 54, 175-7	4.2	10
31	Prediction of individual differences in circadian adaptation to night work among older adults: application of a mathematical model using individual sleep-wake and light exposure data. *Chronobiology International*, **2020**, 37, 1404-1411	3.6	7
30	Using a Single Daytime Performance Test to Identify Most Individuals at High-Risk for Performance Impairment during Extended Wake. *Scientific Reports*, **2019**, 9, 16681	4.9	7
29	Self-Reported Sleep Duration, Daytime Sleepiness, and Caffeine Use in Male and Female Morning and Evening Types. *Sleep Medicine Research*, **2012**, 3, 32-38	0.8	6
28	Psychological Screening for Exceptional Environments: Laboratory Circadian Rhythm and Sleep Research. *Clocks & Sleep*, **2020**, 2, 13	2.9	5
27	Change in Individual Chronotype Over a Lifetime: A Retrospective Study. *Sleep Medicine Research*, **2011**, 2, 48-53	0.8	5
26	Phase Shifts to a Moderate Intensity Light Exposure in Older Adults: A Preliminary Report. *Journal of Biological Rhythms*, **2019**, 34, 98-104	3.2	5
25	Fasting blood triglycerides vary with circadian phase in both young and older people. *Physiological Reports*, **2020**, 8, e14453	2.6	4
24	Scheduled afternoon-evening sleep leads to better night shift performance in older adults. *Occupational and Environmental Medicine*, **2020**, 77, 179-184	2.1	4
23	Soluble interleukin-13r: a circulating regulator of glucose. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 313, E663-E671	6	4

22	Reciprocal relationship between age-related sleep disruption and urological symptoms. *BJU International*, **2011**, 107, 871-3	5.6	3
21	Sleep tips for shift workers in the time of pandemic. Southwest J Pulm Crit Care. *Southwest Journal of Pulmonary & Critical Care*, **2020**, 20, 128-130	0.8	3
20	Chronic Sleep Restriction While Minimizing Circadian Disruption Does Not Adversely Affect Glucose Tolerance. *Frontiers in Physiology*, **2021**, 12, 764737	4.6	2
19	Do plasma melatonin concentrations decline with age? The reply. *American Journal of Medicine*, **2000**, 109, 345	2.4	1
18	Chronic circadian disruption on a high-fat diet impairs glucose tolerance.. *Metabolism: Clinical and Experimental*, **2022**, 155158	12.7	1
17	Tips for circadian sleep health while working from home. *Southwest Journal of Pulmonary & Critical Care*, **2020**, 20, 126-127	0.8	1
16	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 1: Basic and Translational Aspects. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e010181	6.4	1
15	Efficacy of intermittent exposure to bright light for treating maladaptation to night work on a counterclockwise shift work rotation. *Scandinavian Journal of Work, Environment and Health*, **2021**, 47, 356-366	4.3	1
14	High dose melatonin increases sleep duration during nighttime and daytime sleep episodes in older adults.. *Journal of Pineal Research*, **2022**,	10.4	1
13	Circadian Rhythm Sleep□Wake Disorders in Older Adults. *Sleep Medicine Clinics*, **2022**, 17, 241-252	3.6	1
12	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 2: Population and Clinical Considerations. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e010190	6.4	0
11	0039 Circadian Variation of Plasma Triglycerides in Healthy Adults. *Sleep*, **2019**, 42, A16-A16	1.1	
10	0287 Scheduled Afternoon-evening Sleep Improves Night Shift Performance In Older Adults.. *Sleep*, **2019**, 42, A117-A117	1.1	
9	0042 Proteomic Biomarkers Of Circadian Time. *Sleep*, **2019**, 42, A17-A18	1.1	
8	1128 Sleep Apnea and Periodic Limb Movements are Highly Prevalent in Patients With Multiple Sclerosis. *Sleep*, **2020**, 43, A429-A430	1.1	
7	0382 Sex Differences in Sleep and Quality of Life in Healthcare Shift Workers. *Sleep*, **2020**, 43, A146-A147	1.1	
6	0080 DIURNAL VARIATION OF PLASMA LYSOPHOSPHATIDYL LIPIDS IN HEALTHY NON-OBESE OLDER ADULTS. *Sleep*, **2017**, 40, A30-A31	1.1	
5	Heparin-Induced Thrombocytopenia in Healthy Individuals with Continuous Heparin Infusion. *TH Open*, **2018**, 2, e49-e53	2.7	

List of Publications

4	1099 RELATIONSHIPS OF MUSCULOSKELETAL DISORDERS, SLEEP DISTURBANCES, AND DEPRESSION AMONG HOSPITAL NURSES OF MUSCULOSKELETAL DISORDERS, SLEEP DISTURBANCES, AND DEPRESSION AMONG HOSPITAL NURSES. *Sleep*, **2017**, 40, A410-A410	1.1
3	Sleep tips for shift workers in the time of pandemic. *Southwest Journal of Pulmonary & Critical Care*, **2020**, 20, 128-130	0.8
2	0302 One Week of Recovery Sleep is Insufficient to Restore Sustained Attention Performance Following Three Weeks of Chronic Sleep Restriction. *Sleep*, **2020**, 43, A114-A114	1.1
1	299 Limited Time for Sleep in Night Shift Workers is associated with Risk of Insomnia and Shift Work Disorder. *Sleep*, **2021**, 44, A119-A120	1.1