

Jeanne F Duffy

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.

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	Chronic circadian disruption on a high-fat diet impairs glucose tolerance.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 155158	12.7	1
128	High dose melatonin increases sleep duration during nighttime and daytime sleep episodes in older adults.. <i>Journal of Pineal Research</i> , 2022 ,	10.4	1
127	Circadian Rhythm Sleep-Wake Disorders in Older Adults. <i>Sleep Medicine Clinics</i> , 2022 , 17, 241-252	3.6	1
126	Chronic Sleep Restriction While Minimizing Circadian Disruption Does Not Adversely Affect Glucose Tolerance. <i>Frontiers in Physiology</i> , 2021 , 12, 764737	4.6	2
125	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
124	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
123	Efficacy of intermittent exposure to bright light for treating maladaptation to night work on a counterclockwise shift work rotation. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021 , 47, 356-366	4.3	1
122	299 Limited Time for Sleep in Night Shift Workers is associated with Risk of Insomnia and Shift Work Disorder. <i>Sleep</i> , 2021 , 44, A119-A120	1.1	
121	Google Trends reveals increases in internet searches for insomnia during the 2019 coronavirus disease (COVID-19) global pandemic. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 177-184	3.1	30
120	Workshop report. Circadian rhythm sleep-wake disorders: gaps and opportunities. <i>Sleep</i> , 2021 , 44,	1.1	15
119	1128 Sleep Apnea and Periodic Limb Movements are Highly Prevalent in Patients With Multiple Sclerosis. <i>Sleep</i> , 2020 , 43, A429-A430	1.1	
118	0382 Sex Differences in Sleep and Quality of Life in Healthcare Shift Workers. <i>Sleep</i> , 2020 , 43, A146-A147.1	1.1	
117	Fasting blood triglycerides vary with circadian phase in both young and older people. <i>Physiological Reports</i> , 2020 , 8, e14453	2.6	4
116	Scheduled afternoon-evening sleep leads to better night shift performance in older adults. <i>Occupational and Environmental Medicine</i> , 2020 , 77, 179-184	2.1	4
115	The Comorbidity of Musculoskeletal Disorders and Depression: Associations with Working Conditions Among Hospital Nurses. <i>Workplace Health and Safety</i> , 2020 , 68, 346-354	2	10
114	Psychological Screening for Exceptional Environments: Laboratory Circadian Rhythm and Sleep Research. <i>Clocks & Sleep</i> , 2020 , 2, 13	2.9	5
113	Sleep tips for shift workers in the time of pandemic. Southwest J Pulm Crit Care. <i>Southwest Journal of Pulmonary & Critical Care</i> , 2020 , 20, 128-130	0.8	3

112	Tips for circadian sleep health while working from home. <i>Southwest Journal of Pulmonary & Critical Care</i> , 2020 , 20, 126-127	0.8	1
111	Sleep tips for shift workers in the time of pandemic. <i>Southwest Journal of Pulmonary & Critical Care</i> , 2020 , 20, 128-130	0.8	
110	Novel Approaches for Assessing Circadian Rhythmicity in Humans: A Review. <i>Journal of Biological Rhythms</i> , 2020 , 35, 421-438	3.2	25
109	0302 One Week of Recovery Sleep is Insufficient to Restore Sustained Attention Performance Following Three Weeks of Chronic Sleep Restriction. <i>Sleep</i> , 2020 , 43, A114-A114	1.1	
108	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. <i>Chronobiology International</i> , 2020 , 37, 1404-1411	3.6	7
107	0039 Circadian Variation of Plasma Triglycerides in Healthy Adults. <i>Sleep</i> , 2019 , 42, A16-A16	1.1	
106	0287 Scheduled Afternoon-evening Sleep Improves Night Shift Performance In Older Adults.. <i>Sleep</i> , 2019 , 42, A117-A117	1.1	
105	0042 Proteomic Biomarkers Of Circadian Time. <i>Sleep</i> , 2019 , 42, A17-A18	1.1	
104	Chronotype Genetic Variant in PER2 is Associated with Intrinsic Circadian Period in Humans. <i>Scientific Reports</i> , 2019 , 9, 5350	4.9	12
103	Classifying attentional vulnerability to total sleep deprivation using baseline features of Psychomotor Vigilance Test performance. <i>Scientific Reports</i> , 2019 , 9, 12102	4.9	11
102	Sleep, Sleep Disorders, and Sexual Dysfunction. <i>World Journal of Men's Health</i> , 2019 , 37, 261-275	6.8	31
101	Using a Single Daytime Performance Test to Identify Most Individuals at High-Risk for Performance Impairment during Extended Wake. <i>Scientific Reports</i> , 2019 , 9, 16681	4.9	7
100	Phase Shifts to a Moderate Intensity Light Exposure in Older Adults: A Preliminary Report. <i>Journal of Biological Rhythms</i> , 2019 , 34, 98-104	3.2	5
99	Improved cognitive morning performance in healthy older adults following blue-enriched light exposure on the previous evening. <i>Behavioural Brain Research</i> , 2018 , 348, 267-275	3.4	12
98	Circadian Rhythm Sleep-Wake Disorders in Older Adults. <i>Sleep Medicine Clinics</i> , 2018 , 13, 39-50	3.6	45
97	Chronotype, Sleep Characteristics, and Musculoskeletal Disorders Among Hospital Nurses. <i>Workplace Health and Safety</i> , 2018 , 66, 8-15	2	26
96	Introduction to Chronobiology. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	13
95	Young adults are more vulnerable to chronic sleep deficiency and recurrent circadian disruption than older adults. <i>Scientific Reports</i> , 2018 , 8, 11052	4.9	31

94	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. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 850-858	10.2	44
93	Heparin-Induced Thrombocytopenia in Healthy Individuals with Continuous Heparin Infusion. <i>TH Open</i> , 2018 , 2, e49-e53	2.7	
92	Human Resting Energy Expenditure Varies with Circadian Phase. <i>Current Biology</i> , 2018 , 28, 3685-3690.e363	36.3	70
91	Unrestricted evening use of light-emitting tablet computers delays self-selected bedtime and disrupts circadian timing and alertness. <i>Physiological Reports</i> , 2018 , 6, e13692	2.6	49
90	Do sleep disturbances mediate the association between work-family conflict and depressive symptoms among nurses? A cross-sectional study. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2017 , 24, 620-628	2.4	24
89	0080 DIURNAL VARIATION OF PLASMA LYSOPHOSPHATIDYL LIPIDS IN HEALTHY NON-OBESE OLDER ADULTS. <i>Sleep</i> , 2017 , 40, A30-A31	1.1	
88	Soluble interleukin-13 receptor: a circulating regulator of glucose. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 313, E663-E671	6	4
87	1099 RELATIONSHIPS OF MUSCULOSKELETAL DISORDERS, SLEEP DISTURBANCES, AND DEPRESSION AMONG HOSPITAL NURSES OF MUSCULOSKELETAL DISORDERS, SLEEP DISTURBANCES, AND DEPRESSION AMONG HOSPITAL NURSES. <i>Sleep</i> , 2017 , 40, A410-A410	1.1	
86	Noncontact Pressure-Based Sleep/Wake Discrimination. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 1750-1760	5	12
85	Circadian phase resetting by a single short-duration light exposure. <i>JCI Insight</i> , 2017 , 2, e89494	9.9	27
84	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. <i>Diabetes</i> , 2016 , 65, 1741-51	0.9	55
83	Age-Related Sleep Disruption and Reduction in the Circadian Rhythm of Urine Output: Contribution to Nocturia?. <i>Current Aging Science</i> , 2016 , 9, 34-43	2.2	17
82	Scheduled evening sleep and enhanced lighting improve adaptation to night shift work in older adults. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 869-876	2.1	18
81	Ancestral sleep. <i>Current Biology</i> , 2016 , 26, R271-2	6.3	17
80	Circadian gene variants influence sleep and the sleep electroencephalogram in humans. <i>Chronobiology International</i> , 2016 , 33, 561-73	3.6	19
79	Access to Electric Light Is Associated with Shorter Sleep Duration in a Traditionally Hunter-Gatherer Community. <i>Journal of Biological Rhythms</i> , 2015 , 30, 342-50	3.2	94
78	Aging and Circadian Rhythms. <i>Sleep Medicine Clinics</i> , 2015 , 10, 423-34	3.6	159
77	A new face of sleep: The impact of post-learning sleep on recognition memory for face-name associations. <i>Neurobiology of Learning and Memory</i> , 2015 , 126, 31-8	3.1	10

76	Evening use of light-emitting eReaders negatively affects sleep, circadian timing, and next-morning alertness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1232-7	11.5	597
75	The Case for Addressing Operator Fatigue. <i>Reviews of Human Factors and Ergonomics</i> , 2015 , 10, 29-78		15
74	Reliability and validity of the Korean version of Morningness-Eveningness Questionnaire in adults aged 20-39 years. <i>Chronobiology International</i> , 2014 , 31, 479-86	3.6	47
73	Sleep duration in midlife and later life in relation to cognition. <i>Journal of the American Geriatrics Society</i> , 2014 , 62, 1073-81	5.6	78
72	Headache and sleep: also assess circadian rhythm sleep disorders. <i>Headache</i> , 2014 , 54, 175-7	4.2	10
71	Predictors of poor sleep quality among Lebanese university students: association between evening typology, lifestyle behaviors, and sleep habits. <i>Nature and Science of Sleep</i> , 2014 , 6, 11-8	3.6	70
70	Why the dim light melatonin onset (DLMO) should be measured before treatment of patients with circadian rhythm sleep disorders. <i>Sleep Medicine Reviews</i> , 2014 , 18, 333-9	10.2	98
69	Chronotype and breast cancer risk in a cohort of US nurses. <i>Chronobiology International</i> , 2013 , 30, 1181-6	5.6	32
68	Survival analysis indicates that age-related decline in sleep continuity occurs exclusively during NREM sleep. <i>Neurobiology of Aging</i> , 2013 , 34, 309-18	5.6	76
67	Sex difference in daily rhythms of clock gene expression in the aged human cerebral cortex. <i>Journal of Biological Rhythms</i> , 2013 , 28, 117-29	3.2	36
66	Circadian Rhythm Sleep Disorders. <i>Journal of Clinical Outcomes Management</i> , 2013 , 20, 513-528	1.5	25
65	Human responses to bright light of different durations. <i>Journal of Physiology</i> , 2012 , 590, 3103-12	3.9	184
64	Laboratory validation of an in-home method for assessing circadian phase using dim light melatonin onset (DLMO). <i>Sleep Medicine</i> , 2012 , 13, 703-6	4.6	50
63	A common polymorphism near PER1 and the timing of human behavioral rhythms. <i>Annals of Neurology</i> , 2012 , 72, 324-34	9.4	38
62	Amplitude reduction and phase shifts of melatonin, cortisol and other circadian rhythms after a gradual advance of sleep and light exposure in humans. <i>PLoS ONE</i> , 2012 , 7, e30037	3.7	88
61	The effects of circadian phase, time awake, and imposed sleep restriction on performing complex visual tasks: evidence from comparative visual search. <i>Journal of Vision</i> , 2012 , 12,	0.4	15
60	Adverse metabolic consequences in humans of prolonged sleep restriction combined with circadian disruption. <i>Science Translational Medicine</i> , 2012 , 4, 129ra43	17.5	500
59	Self-Reported Sleep Duration, Daytime Sleepiness, and Caffeine Use in Male and Female Morning and Evening Types. <i>Sleep Medicine Research</i> , 2012 , 3, 32-38	0.8	6

58	One night of sleep deprivation affects reaction time, but not interference or facilitation in a Stroop task. <i>Brain and Cognition</i> , 2011 , 76, 37-42	2.7	56
57	Effects on subjective and objective alertness and sleep in response to evening light exposure in older subjects. <i>Behavioural Brain Research</i> , 2011 , 224, 272-8	3.4	32
56	Periodic limb movements in sleep exhibit a circadian rhythm that is maximal in the late evening/early night. <i>Sleep Medicine</i> , 2011 , 12, 83-8	4.6	15
55	Reciprocal relationship between age-related sleep disruption and urological symptoms. <i>BJU International</i> , 2011 , 107, 871-3	5.6	3
54	Sex difference in the near-24-hour intrinsic period of the human circadian timing system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108 Suppl 3, 15602-8	11.5	343
53	Human diurnal preference and circadian rhythmicity are not associated with the CLOCK 3111C/T gene polymorphism. <i>Journal of Biological Rhythms</i> , 2011 , 26, 276-9	3.2	30
52	Change in Individual Chronotype Over a Lifetime: A Retrospective Study. <i>Sleep Medicine Research</i> , 2011 , 2, 48-53	0.8	5
51	EEG sleep spectra in older adults across all circadian phases during NREM sleep. <i>Sleep</i> , 2010 , 33, 389-401	11.1	15
50	Differential impact of chronotype on weekday and weekend sleep timing and duration. <i>Nature and Science of Sleep</i> , 2010 , 2010, 213-220	3.6	58
49	Sex differences in phase angle of entrainment and melatonin amplitude in humans. <i>Journal of Biological Rhythms</i> , 2010 , 25, 288-96	3.2	173
48	Light exposure patterns in healthy older and young adults. <i>Journal of Biological Rhythms</i> , 2010 , 25, 113-22	3.2	70
47	Circadian and wake-dependent influences on subjective sleepiness, cognitive throughput, and reaction time performance in older and young adults. <i>Sleep</i> , 2010 , 33, 481-90	1.1	75
46	Neurobehavioral performance in young adults living on a 28-h day for 6 weeks. <i>Sleep</i> , 2009 , 32, 905-13	1.1	33
45	Comparison of subjective and objective assessments of sleep in healthy older subjects without sleep complaints. <i>Journal of Sleep Research</i> , 2009 , 18, 254-63	5.8	92
44	Healthy older adults better tolerate sleep deprivation than young adults. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1245-51	5.6	119
43	Effect of Light on Human Circadian Physiology. <i>Sleep Medicine Clinics</i> , 2009 , 4, 165-177	3.6	235
42	Sleep inertia varies with circadian phase and sleep stage in older adults. <i>Behavioral Neuroscience</i> , 2008 , 122, 928-35	2.1	51
41	Polysomnographic respiratory abnormalities in asymptomatic individuals. <i>Sleep</i> , 2008 , 31, 241-8	1.1	82

40	Acute sleep deprivation and circadian misalignment associated with transition onto the first night of work impairs visual selective attention. <i>PLoS ONE</i> , 2007 , 2, e1233	3.7	105
39	Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake. <i>Sleep</i> , 2007 , 30, 1437-43	1.1	76
38	Exercise distributed across day and night does not alter circadian period in humans. <i>Journal of Biological Rhythms</i> , 2007 , 22, 534-41	3.2	13
37	Decreased sensitivity to phase-delaying effects of moderate intensity light in older subjects. <i>Neurobiology of Aging</i> , 2007 , 28, 799-807	5.6	88
36	Scheduling of sleep/darkness affects the circadian phase of night shift workers. <i>Neuroscience Letters</i> , 2005 , 384, 316-20	3.3	51
35	Entrainment of the human circadian system by light. <i>Journal of Biological Rhythms</i> , 2005 , 20, 326-38	3.2	273
34	Intrinsic period and light intensity determine the phase relationship between melatonin and sleep in humans. <i>Journal of Biological Rhythms</i> , 2005 , 20, 168-77	3.2	157
33	Temporal dynamics of late-night photic stimulation of the human circadian timing system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R839-44	3.2	55
32	Older people awaken more frequently but fall back asleep at the same rate as younger people. <i>Sleep</i> , 2004 , 27, 793-8	1.1	60
31	Sleep- and circadian-dependent modulation of REM density. <i>Journal of Sleep Research</i> , 2002 , 11, 53-9	5.8	41
30	Getting through to circadian oscillators: why use constant routines?. <i>Journal of Biological Rhythms</i> , 2002 , 17, 4-13	3.2	246
29	Peak of circadian melatonin rhythm occurs later within the sleep of older subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E297-303	6	151
28	Age-related change in the relationship between circadian period, circadian phase, and diurnal preference in humans. <i>Neuroscience Letters</i> , 2002 , 318, 117-20	3.3	156
27	Comparisons of the variability of three markers of the human circadian pacemaker. <i>Journal of Biological Rhythms</i> , 2002 , 17, 181-93	3.2	263
26	Circadian phase resetting in older people by ocular bright light exposure. <i>Journal of Investigative Medicine</i> , 2001 , 49, 30-40	2.9	66
25	Age-related increase in awakenings: impaired consolidation of nonREM sleep at all circadian phases. <i>Sleep</i> , 2001 , 24, 565-77	1.1	131
24	Association of intrinsic circadian period with morningness-eveningness, usual wake time, and circadian phase.. <i>Behavioral Neuroscience</i> , 2001 , 115, 895-899	2.1	397
23	Absence of an Increase in the Duration of the Circadian Melatonin Secretory Episode in Totally Blind Human Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3166-3170	5.6	12

22	Association of intrinsic circadian period with morningness-eveningness, usual wake time, and circadian phase. <i>Behavioral Neuroscience</i> , 2001 , 115, 895-9	2.1	143
21	Dynamic resetting of the human circadian pacemaker by intermittent bright light. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R1574-9	3.2	82
20	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. <i>Journal of Biological Rhythms</i> , 2000 , 15, 524-30	3.2	36
19	Do plasma melatonin concentrations decline with age? The reply. <i>American Journal of Medicine</i> , 2000 , 109, 345	2.4	1
18	Contribution of circadian physiology and sleep homeostasis to age-related changes in human sleep. <i>Chronobiology International</i> , 2000 , 17, 285-311	3.6	254
17	Circadian regulation of human sleep and age-related changes in its timing, consolidation and EEG characteristics. <i>Annals of Medicine</i> , 1999 , 31, 130-40	1.5	122
16	Ageing and the circadian and homeostatic regulation of human sleep during forced desynchrony of rest, melatonin and temperature rhythms. <i>Journal of Physiology</i> , 1999 , 516 (Pt 2), 611-27	3.9	333
15	Melatonin rhythm observed throughout a three-cycle bright-light stimulus designed to reset the human circadian pacemaker. <i>Journal of Biological Rhythms</i> , 1999 , 14, 237-53	3.2	47
14	Free-running circadian period does not shorten with age in female Syrian hamsters. <i>Neuroscience Letters</i> , 1999 , 271, 77-80	3.3	29
13	Stability, precision, and near-24-hour period of the human circadian pacemaker. <i>Science</i> , 1999 , 284, 2177-81	3.3	1239
12	Do plasma melatonin concentrations decline with age?. <i>American Journal of Medicine</i> , 1999 , 107, 432-6	2.4	199
11	Later endogenous circadian temperature nadir relative to an earlier wake time in older people. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 275, R1478-87	3.2	110
10	Human circadian pacemaker is sensitive to light throughout subjective day without evidence of transients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997 , 273, R1800-9	3.2	59
9	Variation of electroencephalographic activity during non-rapid eye movement and rapid eye movement sleep with phase of circadian melatonin rhythm in humans. <i>Journal of Physiology</i> , 1997 , 505 (Pt 3), 851-8	3.9	173
8	Dose-response relationships for resetting of human circadian clock by light. <i>Nature</i> , 1996 , 379, 540-2	50.4	458
7	Sensitivity of the human circadian pacemaker to moderately bright light. <i>Journal of Biological Rhythms</i> , 1994 , 9, 315-31	3.2	71
6	Entrained phase of the circadian pacemaker serves to stabilize alertness and performance throughout the habitual waking day. 1994 , 89-110		22
5	Association of sleep-wake habits in older people with changes in output of circadian pacemaker. <i>Lancet, The</i> , 1992 , 340, 933-6	40	358

4	Circadian and sleep/wake dependent aspects of subjective alertness and cognitive performance. <i>Journal of Sleep Research</i> , 1992 , 1, 112-7	5.8	457
3	Research on sleep, circadian rhythms and aging: applications to manned spaceflight. <i>Experimental Gerontology</i> , 1991 , 26, 217-32	4.5	82
2	Exposure to bright light and darkness to treat physiologic maladaptation to night work. <i>New England Journal of Medicine</i> , 1990 , 322, 1253-9	59.2	455
1	Bright light induction of strong (type 0) resetting of the human circadian pacemaker. <i>Science</i> , 1989 , 244, 1328-33	33.3	769