

CITATION REPORT

List of articles citing

The role of actigraphy in the study of sleep and circadian rhythms

DOI: 10.1093/sleep/26.3.342
Sleep, 2003, 26, 342-92.

Source: <https://exaly.com/paper-pdf/36099930/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2044	Development of diagnostic criteria for defining sleep disturbance in Alzheimer's disease. 2003 , 16, 131-9		90
2043	Bibliography Current World Literature. 2003 , 9, 522-535		
2042	Actigraphy in the assessment of insomnia. <i>Sleep</i> , 2003 , 26, 902-6	1.1	136
2041	What do petrochemical workers, healthcare workers, and truck drivers have in common? Evaluation of sleep and alertness in Brazilian shiftworkers. 2004 , 20, 1732-8		13
2040	Activity-based sleep-wake identification in infants. 2004 , 25, 1291-304		48
2039	Effective cabergoline treatment in idiopathic restless legs syndrome. 2004 , 63, 2272-9		90
2038	Sleep dysfunction in patients with gastro-oesophageal reflux disease: prevalence and response to GERD therapy, a pilot study. 2004 , 20, 969-74		39
2037	Sleep in late pregnancy predicts length of labor and type of delivery. 2004 , 191, 2041-6		288
2036	Circadian rhythm of restless legs syndrome: relationship with biological markers. 2004 , 55, 372-80		105
2035	Sleep patterns and fatigue in new mothers and fathers. 2004 , 5, 311-8		275
2034	Psychoactive Medications and Actigraphically Scored Sleep Quality in Frail Nursing Home Patients. 2004 , 5, 223-227		7
2033	Identification and management of insomnia. 2004 , 88, 567-96, vii		39
2032	Exploration du sommeil chez l'adulte et l'adolescent. 2004 , 1, 176-187		1
2031	Sleep disturbances in young subjects with visual dysfunction. 2004 , 111, 297-302; discussion 302-3		45
2030	Wrist actigraphy in estimation of sleep and wake in intellectually disabled subjects with motor handicaps. 2004 , 5, 541-50		21
2029	Sleep disturbances, pain and analgesia in adults hospitalized for burn injuries. 2004 , 5, 551-9		91
2028	Evolution of insomnia: current status and future direction. 2004 , 5 Suppl 1, S23-30		86

2027	A novel adaptive wrist actigraphy algorithm for sleep-wake assessment in sleep apnea patients. <i>Sleep</i> , 2004 , 27, 1560-6	1.1	607
2026	Effects of cognitive arousal and physiological arousal on sleep perception. <i>Sleep</i> , 2004 , 27, 69-78	1.1	148
2025	Delayed sleep phase syndrome: pathophysiology and treatment options. <i>Sleep</i> , 2004 , 27, 1195-203	1.1	105
2024	The measurement of sleep by actigraphy: direct comparison of 2 commercially available actigraphs in a nonclinical population. <i>Sleep</i> , 2004 , 27, 986-9	1.1	42
2023	Exploration du sommeil chez l'adulte et l'adolescent. 2004 , 1, 1-8		
2022	Melatonin therapy for circadian rhythm sleep disorders in children with multiple disabilities: what have we learned in the last decade?. 2004 , 46, 776-82		24
2021	Chapter 6 Actigraphy. 2005 , 6, 67-72		2
2020	Gender and Temporal Differences in Sleep-Wake Patterns in Japanese Schoolchildren. <i>Sleep</i> , 2005 ,	1.1	
2019	Actigraphy scoring reliability in the study of osteoporotic fractures. <i>Sleep</i> , 2005 , 28, 1599-605	1.1	81
2018	The treatment of early-morning awakening insomnia with 2 evenings of bright light. <i>Sleep</i> , 2005 , 28, 616-23	1.1	98
2017	Melatonin, sleep, and shift work adaptation. 2005 , 47, 893-901		83
2016	Effects of galantamine versus donepezil on sleep in patients with mild to moderate Alzheimer disease and their caregivers: a double-blind, head-to-head, randomized pilot study. 2005 , 19, 240-5		35
2015	Chapter 25 Primary insomnia. 2005 , 6, 305-315		
2014	Chapter 20 Sleep in dementia. 2005 , 255-262		
2013	Actigraphy. 2005 , 1035-1038		7
2012	Advanced, Delayed, Irregular, and Free-Running Sleep/Wake Disorders. 2005 , 381-388		
2011	Randomized, controlled trial of a nonpharmacological intervention to improve abnormal sleep/wake patterns in nursing home residents. 2005 , 53, 803-10		182
2010	Weekly variation in sleep patterns: Estimates of validity in Japanese schoolchildren. 2005 , 3, 80-85		16

2009	Actigraphic assessment of sleep in young adults with Asperger syndrome. 2005 , 59, 206-8		17
2008	Circadian activity rhythm in demented and non-demented nursing-home residents measured by telemetric actigraphy. 2005 , 14, 61-8		56
2007	Prediction of melatonin efficacy by pretreatment dim light melatonin onset in children with idiopathic chronic sleep onset insomnia. 2005 , 14, 187-94		49
2006	Older schizophrenia patients have more disrupted sleep and circadian rhythms than age-matched comparison subjects. 2005 , 39, 251-9		65
2005	Quality of sleep in patients with schizophrenia is associated with quality of life and coping. 2005 , 5, 13		98
2004	Diurnal actigraphy and stimulant efficacy in narcolepsy. 2005 , 20, 105-13		19
2003	The relationship between fatigue and light exposure during chemotherapy. 2005 , 13, 1010-7		63
2002	Overview of Insomnia: Definitions, Epidemiology, Differential Diagnosis, and Assessment. 2005 , 702-713		11
2001	Statistical artifact in the validation of actigraphy. <i>Sleep</i> , 2005 , 28, 1017-8	1.1	17
2000	Current patterns and future directions in the treatment of insomnia. 2005 , 17, 31-40		24
1999	Dysregulation of circadian rhythms following prolactin-secreting pituitary microadenoma. 2005 , 22, 145-56		16
1998	Interaction of sleep disturbances and anxiety in later life: perspectives and recommendations for future research. 2005 , 18, 109-15		13
1997	Sleep complaints, subjective and objective sleep patterns, health, psychological adjustment, and daytime functioning in community-dwelling older adults. 2005 , 60, P182-9		100
1996	Genetic approaches to human behavior. 2005 , 393, 239-50		2
1995	Sleep disturbances in aging. 2005 , 33-59		2
1994	Detection and Classification of Movements in Bed using Load Cells. 2005 , 2006, 589-92		9
1993	Sleep physiology and pathology: pertinence to psychiatry. 2005 , 17, 213-28		21
1992	Cystic fibrosis patients have poor sleep quality despite normal sleep latency and efficiency. 2005 , 127, 1593-9		72

1991	Sports chronobiology consultation: from the lab to the arena. 2005 , 24, 415-56, xiv	30
1990	Bright-Light Treatment Reduces Actigraphic-Measured Daytime Sleep in Nursing Home Patients With Dementia: A Pilot Study. 2005 , 13, 420-423	47
1989	Disturbance of Endogenous Circadian Rhythm in Aging and Alzheimer Disease. 2005 , 13, 359-368	133
1988	Case study: psychiatric misdiagnosis of non-24-hours sleep-wake schedule disorder resolved by melatonin. 2005 , 44, 1271-5	18
1987	Sleep disturbances in adolescents and young adults with autism and Asperger syndrome. 2005 , 9, 83-94	83
1986	Factors associated with objective (actigraphic) and subjective sleep quality in young adult women. 2005 , 59, 11-9	80
1985	The validation of a new actigraphy system for the measurement of periodic leg movements in sleep. 2005 , 6, 507-13	58
1984	The PAM-RL ambulatory device for detection of periodic leg movements: a validation study. 2005 , 6, 407-13	87
1983	Melatonin for sleep disturbances in Parkinson's disease. 2005 , 6, 459-66	204
1982	Actigraphy in patients with seasonal affective disorder and healthy control subjects treated with light therapy. 2005 , 58, 331-6	55
1981	Drs. Vitiello and Ancoli-Israel Reply. 2006 , 14, 986-987	0
1980	The sleep, subjective fatigue, and sustained attention of commercial airline pilots during an international pattern. 2006 , 23, 1357-62	83
1979	Aircrew fatigue in trans-Atlantic morning and evening flights. 2006 , 23, 843-58	18
1978	The Measurement of Nocturia and Its Impact on Quality of Sleep and Quality of Life in LUTS/BPH. 2006 , 5, 3-11	16
1977	Evaluation of the Insomnia Patient. 2006 , 1, 319-332	12
1976	Comparison between informant-observed and actigraphic assessments of sleep-wake rhythm disturbances in demented residents of homes for the elderly. 2006 , 14, 104-11	36
1975	Sleep in dementia. 2006 , 14, 91-4	25
1974	The pharmacology of wakefulness. 2006 , 55, S13-9	33

1973	Sleep and COMT polymorphism in ADHD children: preliminary actigraphic data. 2006 , 45, 982-989		30
1972	Melatonin treatment in adolescents with delayed sleep phase syndrome. 2006 , 45, 809-18		56
1971	Sleep and cognitive performance of flight nurses after 12-hour evening versus 18-hour shifts. 2006 , 25, 216-25		16
1970	Sleep studies: which technologies?. 2006 , 7 Suppl 1, S202-5		5
1969	Smad-dependent alterations of PPT cholinergic neurons as a pathophysiological mechanism of age-related sleep-dependent memory impairments. 2006 , 27, 1848-58		9
1968	Medical student education. 2006 , 113, 890-1		2
1967	Impact of being "on call". 2006 , 113, 889-90.e2		4
1966	Usefulness of temazepam and zaleplon to induce afternoon sleep. 2006 , 171, 998-1001		10
1965	A behavioral-educational intervention to promote maternal and infant sleep: a pilot randomized, controlled trial. <i>Sleep</i> , 2006 , 29, 1609-15	1.1	95
1964	Actigraphy Validation with Insomnia. <i>Sleep</i> , 2006 ,	1.1	6
1963	Methodological issues in the investigation of ginseng as an intervention for fatigue. 2006 , 20, 183-9		12
1962	Poor sleep is associated with impaired cognitive function in older women: the study of osteoporotic fractures. 2006 , 61, 405-10		294
1961	Disrupting life events and the sleep-wake cycle in depression. 2006 , 36, 1363-73		36
1960	A brief behavioral sleep intervention for family caregivers of persons with cancer. 2006 , 29, 95-103		88
1959	Recommendations for a standard research assessment of insomnia. <i>Sleep</i> , 2006 , 29, 1155-73	1.1	771
1958	A comparison of actigraphy and polysomnography in older adults treated for chronic primary insomnia. <i>Sleep</i> , 2006 , 29, 1353-8	1.1	135
1957	Criterion validity of the Pittsburgh Sleep Quality Index: Investigation in a non-clinical sample. 2006 , 4, 129-139		260
1956	Limited validity of minimum data set items on sleep and hypnotic use in predicting falls and hip fracture in nursing home residents. 2006 , 54, 1150-1; author reply 152-3		15

1955	Use of selective serotonin reuptake inhibitors and sleep disturbances in community-dwelling older women. 2006 , 54, 1508-15	27
1954	Peripheral electrical nerve stimulation and rest-activity rhythm in Alzheimer's disease. 2006 , 15, 415-23	11
1953	Sleep Profile and Longevity in Three Generations of a Family of Captive Bolivian Aotus. 2006 , 27, 779-790	6
1952	Sleep patterns of school-age children with Asperger syndrome or high-functioning autism. 2006 , 36, 585-95	121
1951	Fatigue, sleep, and circadian rhythms prior to chemotherapy for breast cancer. 2006 , 14, 201-9	228
1950	Restless legs syndrome: diagnostic assessment and the advantages and risks of dopaminergic treatment. 2006 , 253 Suppl 4, IV22-8	9
1949	Longitudinal assessment of leg motor activity and sleep patterns in infants with and without Down syndrome. 2006 , 29, 153-68	40
1948	Sleep quantitation in common marmoset, cotton top tamarin and squirrel monkey by non-invasive actigraphy. 2006 , 144, 203-10	22
1947	Symptom cluster research: conceptual, design, measurement, and analysis issues. 2006 , 31, 85-95	205
1946	Sleep duration during the 24-hour day is associated with the severity of dementia in nursing home patients. 2006 , 21, 945-50	30
1945	Controlled withdrawal of pramipexole after 6 months of open-label treatment in patients with restless legs syndrome. 2006 , 21, 1404-10	71
1944	Simultaneous assessment of posture and limb movements (e.g., periodic leg movements) with calibrated multiple accelerometry. 2006 , 27, N47-53	10
1943	Actigraphic investigations on the activity-rest behavior of right- and left-handed students. 2006 , 23, 593-605	30
1942	Sleep and its management in dementia. 2006 , 16, 59-70	3
1941	Geriatric Otolaryngology. 2006 ,	6
1940	Medications and Sleep in Nursing Home Residents With Dementia. 2006 , 12, 279-285	7
1939	The suitability of actigraphy, diary data, and urinary melatonin profiles for quantitative assessment of sleep disturbances in schizophrenia: a case report. 2006 , 23, 485-95	55
1938	A comparative study of circadian rhythm functioning and sleep in people with Asperger syndrome. 2006 , 10, 565-75	41

1937	Sleep and circadian phase in a ship's crew. 2006 , 21, 214-21		39
1936	Quantitative assessment of recovery from motor hemineglect in acute stroke patients. 2006 , 21, 307-14		31
1935	Lauderdale et al. Respond to How Much Do We Really Sleep? 2006 , 164, 19-20		1
1934	Health-related quality of life and economic burden in patients with restless legs syndrome. 2007 , 7, 503-21		21
1933	Restless Legs Syndrome. 2007 , 20, 430-448		2
1932	Review of field studies of aircraft noise-induced sleep disturbance. 2007 , 121, 32-41		34
1931	Commentary: comparing actigraphy and parental report as measures of children's sleep. 2008 , 33, 406-7		84
1930	The clinical impact of preoperative melatonin on postoperative outcomes in patients undergoing abdominal hysterectomy. 2007 , 105, 1263-71, table of contents		84
1929	Improving sleep hygiene of medical interns: can the sleep, alertness, and fatigue education in residency program help?. 2007 , 167, 1738-44		31
1928	The 24-hour sleep patterns interview: a pilot study of validity and feasibility. 2007 , 5, 297-310		15
1927	Long-term subjective and objective sleep analysis of total sleep time and sleep quality in real life settings. 2007 , 2007, 5202-5		9
1926	Sleep duration and hypertension are not associated in the elderly. 2007 , 50, 585-9		86
1925	Circadian rhythm sleep disorders following mild traumatic brain injury. 2007 , 68, 1136-40		162
1924	Melatonin Therapy of Pediatric Sleep Disorders: Recent Advances, Why it Works, Who are the Candidates and How to Treat. 2007 , 3, 214-224		27
1923	Randomized trial of a cognitive-behavioral intervention for insomnia in breast cancer survivors. 2007 , 34, E51-9		111
1922	Randomized clinical effectiveness trial of nurse-administered small-group cognitive behavior therapy for persistent insomnia in general practice. <i>Sleep</i> , 2007 , 30, 574-84	1.1	214
1921	Circadian rhythm sleep disorders: part I, basic principles, shift work and jet lag disorders. An American Academy of Sleep Medicine review. <i>Sleep</i> , 2007 , 30, 1460-83	1.1	412
1920	Parental involvement, psychological distress, and sleep: a preliminary examination in sleep-disturbed adolescents with a history of substance abuse. 2007 , 21, 104-13		30

1919	Association between sleep and morning testosterone levels in older men. <i>Sleep</i> , 2007 , 30, 427-32	1.1	69
1918	Performance on the continuous performance test in children with ADHD is associated with sleep efficiency. <i>Sleep</i> , 2007 , 30, 1003-9	1.1	49
1917	Hyperactive night and day? Actigraphy studies in adult ADHD: a baseline comparison and the effect of methylphenidate. <i>Sleep</i> , 2007 , 30, 433-42	1.1	144
1916	Wake detection capacity of actigraphy during sleep. <i>Sleep</i> , 2007 , 30, 1362-9	1.1	240
1915	Lack of perceived sleep improvement after 4-month structured exercise programs. 2007 , 14, 535-40		58
1914	Respiratory polygraphy with actigraphy in the diagnosis of sleep apnea-hypopnea syndrome. 2007 , 131, 725-732		49
1913	A clinical approach to circadian rhythm sleep disorders. 2007 , 8, 566-77		129
1912	Developing mathematical models of neurobehavioral performance for the "real world". 2007 , 22, 246-58		32
1911	Poor sleep the night before an experimental stressor predicts reduced NK cell mobilization and slowed recovery in healthy women. 2007 , 21, 358-63		22
1910	Poor sleep the night before an experimental stress task is associated with reduced cortisol reactivity in healthy women. 2007 , 74, 319-27		50
1909	Reliability of sleep log data versus actigraphy in veterans with sleep disturbance and PTSD. 2007 , 21, 966-75		28
1908	Taking fatigue seriously, II: variability in fatigue levels in cancer patients. 2007 , 48, 247-52		29
1907	P.2.a.024 Social support in anxious and depressive outpatients. 2007 , 17, S325-S326		
1906	P.2.a.025 Exploratory study of actigraphic and psychometric measures in depressed patients treated with agomelatine or sertraline. 2007 , 17, S326		
1905	P.2.a.026 Predicting treatment outcome in difficult-to-treat depressed patients. 2007 , 17, S326-S327		1
1904	The future history of long term care. 2007 , 8, 553-6		2
1903	Preclinical cognitive decline and subsequent sleep disturbance in older women. 2007 , 69, 237-42		55
1902	Histamine H1 blocker hydroxyzine improves sleep in patients with cirrhosis and minimal hepatic encephalopathy: a randomized controlled pilot trial. 2007 , 102, 744-53		45

1901	An evaluation of a non-contact biomotion sensor with actimetry. 2007 , 2007, 2664-8		11
1900	Clinical review: Sleep measurement in critical care patients: research and clinical implications. 2007 , 11, 226		111
1899	Sleep disturbances and impaired daytime functioning in outpatients with newly diagnosed lung cancer. 2007 , 58, 139-43		46
1898	Influence of chronotype, season, and sex of subject on sleep behavior of young adults. 2007 , 24, 875-88		140
1897	Narcolepsy and Hypersomnia of Central Origin Diagnosis, Differential Pearls, and Management. 2007 , 75-94		4
1896	Behavioral correlates of sleep-disordered breathing in older women. <i>Sleep</i> , 2007 , 30, 1181-8	1.1	31
1895	Sleep estimation using wrist actigraphy in adolescents with and without sleep disordered breathing: a comparison of three data modes. <i>Sleep</i> , 2007 , 30, 899-905	1.1	101
1894	Clinical Case Studies III. 2007 , 465-483		
1893	Efficacy of pramipexole in restless legs syndrome: a six-week, multicenter, randomized, double-blind study (effect-RLS study). 2007 , 22, 213-9		110
1892	Effects of rivastigmine on actigraphically monitored motor activity in severe agitation related to Alzheimer's disease: a placebo-controlled pilot study. 2007 , 45, 19-26		17
1891	Prospective comparison of subjective arousal during the pre-sleep period in primary sleep-onset insomnia and normal sleepers. 2007 , 16, 230-8		48
1890	Validation of actigraphy for determining sleep and wake in children with sleep disordered breathing. 2007 , 16, 213-6		116
1889	Improving actigraphic sleep estimates in insomnia and dementia: how many nights?. 2007 , 16, 269-75		131
1888	Intensive Sleep Retraining treatment for chronic primary insomnia: a preliminary investigation. 2007 , 16, 276-84		41
1887	Melatonin therapy for circadian rhythm sleep disorders in children with multiple disabilities: what have we learned in the last decade?. 2007 , 46, 776-782		68
1886	A randomized, placebo-controlled trial of controlled release melatonin treatment of delayed sleep phase syndrome and impaired sleep maintenance in children with neurodevelopmental disabilities. 2008 , 44, 57-64		142
1885	Home sleep testing. 2007 , 18, 33-51		4
1884	Values of sleep/wake, activity/rest, circadian rhythms, and fatigue prior to adjuvant breast cancer chemotherapy. 2007 , 33, 398-409		134

1883	Sleep dysfunction in patients with cancer. 2007 , 9, 337-346	2
1882	Technologies of sleep research. 2007 , 64, 1227-35	19
1881	Comparison between reported and recorded total sleep time and sleep latency in 6- to 11-year-old children: the Tucson Children's Assessment of Sleep Apnea Study (TuCASA). 2007 , 11, 85-92	38
1880	Actigraphy in agitated patients with dementia. Monitoring treatment outcomes. 2007 , 40, 178-84	62
1879	Sleep staging using cardiorespiratory signals. 2007 , 11, 245-256	72
1878	Objective and subjective measures for sleep disorders. 2007 , 23, 236-40	57
1877	Sleep dysfunction in patients with cancer. 2007 , 9, 337-346	65
1876	Benzodiazepine-induced reduction in activity mirrors decrements in cognitive and psychomotor performance. 2008 , 23, 605-13	13
1875	Sleep patterns and fatigue in parents of twins. 2008 , 37, 738-49	16
1874	Actigraphic sleep duration and fragmentation are related to obesity in the elderly: the Rotterdam Study. 2008 , 32, 1083-90	141
1873	Bruxism and sleep efficiency measured at home with wireless devices. 2008 , 35, 567-71	15
1872	The genetics of mammalian circadian order and disorder: implications for physiology and disease. 2008 , 9, 764-75	1141
1871	Attempts to differentiate the patterns of temporal movements in Alzheimer's disease patients from vascular dementia patients by the integrated circuit tag monitoring system. 2008 , 8, 151-152	2
1870	Melatonin and bright-light treatment for rest-activity disruption in institutionalized patients with Alzheimer's disease. 2008 , 56, 239-46	230
1869	Association between depressive symptoms and sleep disturbances in community-dwelling older men. 2008 , 56, 1228-35	106
1868	Subjective and objective napping and sleep in older adults: are evening naps "bad" for nighttime sleep?. 2008 , 56, 1681-6	47
1867	Cognition in older women: the importance of daytime movement. 2008 , 56, 1658-64	63
1866	Circadian activity rhythm abnormalities in ill and recovered bipolar I disorder patients. 2008 , 10, 256-65	116

1865	Disagreement between subjective and actigraphic measures of sleep duration in a population-based study of elderly persons. 2008 , 17, 295-302	284
1864	Sleep during the Antarctic winter: preliminary observations on changing the spectral composition of artificial light. 2008 , 17, 354-60	29
1863	Actigraphic assessment of sleep disorders in children with chronic fatigue syndrome. 2008 , 30, 329-33	19
1862	Melatonin treatment in individuals with intellectual disability and chronic insomnia: a randomized placebo-controlled study. 2008 , 52, 256-64	41
1861	Methodological challenges when using actigraphy in research. 2008 , 36, 191-9	138
1860	Sympathetic activation in broadly defined generalized anxiety disorder. 2008 , 42, 205-12	46
1859	The clinical and laboratory assessment of the sleepy child. 2008 , 15, 61-9	33
1858	Effect of cyclodextrins on the complexation and nasal permeation of melatonin. 2008 , 15, 381-8	27
1857	Abnormal sleep-wake cycles in patients with tuberculous meningitis: a case-control study. 2008 , 269, 126-32	8
1856	Evaluation of ActiTrac (ambulatory activity monitor) in Parkinson's Disease. 2008 , 270, 67-9	10
1855	Assessment and pharmacologic treatment of sleep disturbance in autism. 2008 , 17, 773-85, viii	30
1854	Sleep and Quality of Life in Clinical Medicine. 2008 ,	22
1853	Troubles du sommeil et cancer. 2008 , 5, 14-17	1
1852	Circadian rhythm of wrist temperature in normal-living subjects A candidate of new index of the circadian system. 2008 , 95, 570-80	155
1851	How to assess circadian rhythm in humans: a review of literature. 2008 , 13, 438-44	122
1850	Core outcome domains and measures for pediatric acute and chronic/recurrent pain clinical trials: PedIMMPACT recommendations. 2008 , 9, 771-83	585
1849	Sleep Disturbances and Autism. 2008 , 3, 479-488	38
1848	Sleep and Its Disorders in Seniors. 2008 , 3, 281-293	31

1847	Sleep in the Intensive Care Unit. 2008 , 3, 569-580	4
1846	Comparison of two different actigraphs with polysomnography in healthy young subjects. 2008 , 25, 145-53	80
1845	Actigraphic evidence for night-time hyperkinesia in Parkinson's disease. 2008 , 118, 291-310	18
1844	Actigraphy in older adults: comparison of means and variability of three different aggregates of measurement. 2008 , 6, 127-45	60
1843	A System for Unobtrusive Monitoring of Mobility in Bed. 2008 ,	4
1842	Blood pressure dipping and sleep disturbance in African-American and Caucasian men and women. 2008 , 21, 826-31	73
1841	Short sleep duration and incident coronary artery calcification. 2008 , 300, 2859-66	244
1840	Actigraphy--a useful tool for motor activity monitoring in stroke patients. 2008 , 60, 285-91	31
1839	Actigraphic measurement of motor deficits in acute ischemic stroke. 2008 , 26, 533-40	45
1838	Sleep hygiene for children with neurodevelopmental disabilities. 2008 , 122, 1343-50	146
1837	Visual Supports for People with Autism: A Guide for Parents and Professionals. 2008 , 29, 449	
1836	Development of a portable device for telemonitoring of physical activities during sleep. 2008 , 14, 1044-56	11
1835	Randomized controlled clinical effectiveness trial of cognitive behavior therapy compared with treatment as usual for persistent insomnia in patients with cancer. 2008 , 26, 4651-8	271
1834	The relationship between objectively measured sleep disturbance and dementia family caregiver distress and burden. 2008 , 21, 159-65	46
1833	Melatonin for chronic insomnia in Angelman syndrome: a randomized placebo-controlled trial. 2008 , 23, 649-54	67
1832	Nocturnal sleep and daytime nap behaviors in relation to salivary cortisol levels and temperament in preschool-age children attending child care. 2008 , 9, 244-53	51
1831	Sleep and Psychiatric Disorders in Children and Adolescents. 2008 ,	2
1830	Association of workload of on-call medical interns with on-call sleep duration, shift duration, and participation in educational activities. 2008 , 300, 1146-53	91

1829	Circadian research in mothers and infants: how many days of actigraphy data are needed to fit cosinor parameters?. 2008 , 16, 201-6		19
1828	Improving actigraph sleep/wake classification with cardio-respiratory signals. 2008 , 2008, 5262-5		21
1827	Chronic insomnia and cognitive functioning among older adults. 2008 , 6, 32-54		99
1826	Sleep and Sleep Assessment Technologies. 2008 , 77-120		3
1825	Sleep and Sleep/Wake Disorders. 2008 , 1626-1657		
1824	Measurement of rest and activity in newborn lambs using actigraphy: studies in term and preterm lambs. 2008 , 20, 418-30		12
1823	Augmenting motion sensing to improve detection of periods of unusual inactivity. 2008 ,		10
1822	Sleep Patterns in Preschool-Age Children With Autism, Developmental Delay, and Typical Development. 2008 , 47, 930-938		110
1821	Review of Field Studies of Aircraft Noise-Induced Sleep Disturbance. 2008 , 39, 12-23		1
1820	How Accurate is Subjective Reporting of Childhood Sleep Patterns? A Review of the Literature and Implications for Practice. 2008 , 4, 132-142		44
1819	Comparison of sleep parameters from actigraphy and polysomnography in older women: the SOF study. <i>Sleep</i> , 2008 , 31, 283-91	1.1	196
1818	Long sleep duration is associated with serum cholesterol in the elderly: the Rotterdam Study. 2008 , 70, 1005-11		57
1817	Children's attachment to parents and their academic functioning: sleep disruptions as moderators of effects. 2008 , 29, 441-9		36
1816	Self-reported and measured sleep duration: how similar are they?. 2008 , 19, 838-45		992
1815	The use of actigraphy to study sleep disorders in preschoolers: some concerns about detection of nighttime awakenings. <i>Sleep</i> , 2008 , 31, 395-401	1.1	128
1814	Vagal Regulation, Cortisol, and Sleep Disruption in Women with Metastatic Breast Cancer. 2008 , 04, 441-449		58
1813	Behavioral Correlates of Sleep-Disordered Breathing in Older Men. <i>Sleep</i> , 2009 ,	1.1	
1812	Sleep Disturbances in General Medical Disorders. 2009 , 550-580		

1811	Behavioral correlates of sleep-disordered breathing in older men. <i>Sleep</i> , 2009 , 32, 253-61	1.1	38
1810	Effects of alcohol and sleep restriction on simulated driving performance in untreated patients with obstructive sleep apnea. 2009 , 151, 447-55		59
1809	Nature and Treatment of Insomnia. 2009 , 361-376		2
1808	Breast cancer patients have progressively impaired sleep-wake activity rhythms during chemotherapy. <i>Sleep</i> , 2009 , 32, 1155-60	1.1	100
1807	Assessment of chronic pain in children: current status and emerging topics. 2009 , 14, 21-6		33
1806	Sex differences in subjective and actigraphic sleep measures: a population-based study of elderly persons. <i>Sleep</i> , 2009 , 32, 1367-75	1.1	135
1805	Actigraphy in the assessment of insomnia: a quantitative approach. <i>Sleep</i> , 2009 , 32, 767-71	1.1	115
1804	Insomnia in the elderly. 271-279		
1803	Fast matching of sensor data with manual observations. 2009 , 2009, 1675-8		3
1802	Mindfulness meditation training to reduce symptom distress in transplant patients: rationale, design, and experience with a recycled waitlist. 2009 , 6, 76-89		14
1801	Quantitative motor activity differentiates schizophrenia subtypes. 2009 , 60, 80-6		52
1800	Family exemplars during implementation of a home pain management intervention. 2009 , 32, 160-79		14
1799	Return of memory and sleep efficiency following moderate to severe closed head injury. 2009 , 23, 320-6		56
1798	Predictors of fatigue 30 days after completing anthracycline plus taxane adjuvant chemotherapy for breast cancer. 2009 , 36, 38-48		31
1797	Association between sleep and blood pressure in midlife: the CARDIA sleep study. 2009 , 169, 1055-61		271
1796	The use of sleep studies in neurologic practice. 2009 , 29, 305-19		7
1795	Relationships among sleepiness, sleep time, and psychological functioning in adolescents. 2009 , 34, 1175-83		97
1794	Circadian rhythm in rest and activity: a biological correlate of quality of life and a predictor of survival in patients with metastatic colorectal cancer. 2009 , 69, 4700-7		162

1793	Exploring sleep disturbances in adolescent borderline personality disorder using actigraphy: a case report. 2009 , 21, 123-6	7
1792	Disrupted sleep the night before breast surgery is associated with increased postoperative pain. 2009 , 37, 352-62	43
1791	Sleep-wake disturbances in patients with advanced cancer and their family carers. 2009 , 38, 860-70	68
1790	Early adverse rearing experiences alter sleep-wake patterns and plasma cortisol levels in juvenile rhesus monkeys. 2009 , 34, 1029-40	37
1789	Validation of actigraphy for determining sleep and wake in preterm infants. 2009 , 98, 52-7	37
1788	Objective assessment of circadian activity and sleep patterns in individuals at behavioural risk of hypomania. 2009 , 65, 1071-86	69
1787	Disturbances in the circadian pattern of activity and sleep after laparoscopic versus open abdominal surgery. 2009 , 23, 1026-31	41
1786	Algorithms for sleep-wake identification using actigraphy: a comparative study and new results. 2009 , 18, 85-98	82
1785	The effect of Lactobacillus helveticus fermented milk on sleep and health perception in elderly subjects. 2009 , 63, 100-5	53
1784	Desynchronization of daily rest-activity rhythm in the days following light propofol anesthesia for colonoscopy. 2009 , 85, 51-5	36
1783	Relationship between sleep and physical activity in female family caregivers at the initiation of patients' radiation therapy. 2009 , 38, 367-74	8
1782	Impaired sleep and well-being in mothers with low-birth-weight infants. 2009 , 38, 676-685	33
1781	Maternal sleep-related cognitions and infant sleep: a longitudinal study from pregnancy through the 1st year. 2009 , 80, 860-74	122
1780	Effects of valproic acid on sleep in children with epilepsy. 2009 , 50, 1860-7	24
1779	Scheduled bright light for treatment of insomnia in older adults. 2009 , 57, 441-52	60
1778	Sleep disturbances and frailty status in older community-dwelling men. 2009 , 57, 2085-93	115
1777	Exogenous melatonin for sleep problems in individuals with intellectual disability: a meta-analysis. 2009 , 51, 340-9	112
1776	Newly developed waist actigraphy and its sleep/wake scoring algorithm. 2009 , 7, 17-22	36

1775	Sleep patterns and psychological distress in women living in an inner city. 2009 , 32, 177-90	14
1774	Subjective sleep quality alterations at high altitude. 2009 , 20, 305-10	21
1773	Sleep patterns and sleep-related factors between caregiving and non-caregiving women. 2009 , 7, 164-79	55
1772	Defining the sleep phenotype in children with autism. 2009 , 34, 560-73	141
1771	Rest-activity and behavioral disruption in a patient with frontotemporal dementia. 2009 , 15, 515-26	10
1770	The prevalence and impact of anergia (lack of energy) in subjects with heart failure and its associations with actigraphy. 2009 , 15, 145-51	28
1769	A randomized clinical trial of valerian fails to improve self-reported, polysomnographic, and actigraphic sleep in older women with insomnia. 2009 , 10, 319-28	61
1768	Evaluation of immobility time for sleep latency in actigraphy. 2009 , 10, 621-5	67
1767	You are only coming through in waves: wakefulness variability and assessment in patients with impaired consciousness. 2009 , 177, 171-89	20
1766	Six-month persistence of sleep problems in young children with autism, developmental delay, and typical development. 2009 , 48, 847-854	30
1765	Circadian disruption, fatigue, and anorexia clustering in advanced cancer patients: implications for innovative therapeutic approaches. 2009 , 8, 361-70	38
1764	Cross-sectional and longitudinal associations between objectively measured sleep duration and body mass index: the CARDIA Sleep Study. 2009 , 170, 805-13	180
1763	Activity-rest rhythm of term-born neonates exposed to nicotine during pregnancy. 2009 , 40, 145-151	1
1762	Anxiety symptoms and objectively measured sleep quality in older women. 2009 , 17, 136-43	59
1761	Sleep actigraphy evidence of improved sleep after treatment of allergic rhinitis. 2009 , 103, 290-4	28
1760	Sleep patterns in autism spectrum disorders. 2009 , 18, 917-28	63
1759	Depression is associated with worse objectively and subjectively measured sleep, but not more frequent awakenings, in women with vasomotor symptoms. 2009 , 16, 671-9	66
1758	Frequency and severity of hot flashes and sleep disturbance in postmenopausal women with hot flashes. 2009 , 16, 286-92	68

1757	What can actigraphy add to the concept of labschool design in clinical trials?. 2010 , 16, 2434-42	10
1756	Sleep disturbances among patients with non-small cell lung cancer in Taiwan: congruence between sleep log and actigraphy. 2010 , 33, E11-7	15
1755	Sleep and physical functioning in family caregivers of older adults with memory impairment. 2010 , 22, 306-11	23
1754	Efficacy of the novel antidepressant agomelatine on the circadian rest-activity cycle and depressive and anxiety symptoms in patients with major depressive disorder: a randomized, double-blind comparison with sertraline. 2010 , 71, 109-20	179
1753	Managers' practices related to work-family balance predict employee cardiovascular risk and sleep duration in extended care settings. 2010 , 15, 316-29	88
1752	Utility of subjective sleep assessment tools for healthy preschool children: a comparative study between sleep logs, questionnaires, and actigraphy. 2010 , 20, 143-9	92
1751	A novel subjective sleep assessment tool for healthy elementary school children in Japan. 2010 , 20 Suppl 2, S476-81	4
1750	Longitudinal Study of Sleep Patterns of United States Military Academy Cadets. <i>Sleep</i> , 2010 ,	1.1
1749	Comparison of actigraphic and subjective measures of sleep in implantable cardioverter defibrillator and coronary artery disease patients. 2010 , 33, 753-9	12
1748	Patterns of circadian activity rhythms and their relationships with fatigue and anxiety/depression in women treated with breast cancer adjuvant chemotherapy. 2010 , 18, 105-14	95
1747	Sleep quality after initial chemotherapy for breast cancer. 2010 , 18, 679-89	59
1746	Detection of movement in bed using unobtrusive load cell sensors. 2010 , 14, 481-90	57
1745	The RFID technology for neurosciences: feasibility of limbs' monitoring in sleep diseases. 2010 , 14, 37-43	52
1744	Effect of crocetin from <i>Gardenia jasminoides</i> Ellis on sleep: a pilot study. 2010 , 17, 840-3	37
1743	Actigraphic registration of motor activity reveals a more structured behavioural pattern in schizophrenia than in major depression. 2010 , 3, 149	83
1742	Melatonin decreases daytime challenging behaviour in persons with intellectual disability and chronic insomnia. 2010 , 54, 52-9	18
1741	Risk factors for fatigue severity in primary brain tumor patients. 2010 , 116, 2707-15	53
1740	Stress and quality of sleep among individuals diagnosed with diabetes. 2010 , 26, 61-74	12

1739	Maximum daily 6 minutes of activity: an index of functional capacity derived from actigraphy and its application to older adults with heart failure. 2010 , 58, 931-6	29
1738	Measuring sleep habits using the Sleep Timing Questionnaire: A validation study for school-age children. 2010 , 8, 194-202	14
1737	Evaluating the sleep/wake cycle in persons with asthma: Three case scenarios. 2010 , 22, 270-7	1
1736	Increased oesophageal acid exposure at the beginning of the recumbent period is primarily a recumbent-awake phenomenon. 2010 , 32, 787-94	23
1735	Riser's reflux--an eye-opening experience. 2010 , 22, 387-94	17
1734	Sleep and physical growth in infants during the first 6 months. 2010 , 19, 103-10	88
1733	Sleep disturbances in asymptomatic BRCA1/2 mutation carriers: women at high risk for breast-ovarian cancer. 2010 , 19, 333-40	8
1732	Wrist actigraphic scoring for sleep laboratory patients: algorithm development. 2010 , 19, 612-9	63
1731	Circadian motor activity affected by stimulant medication in children with attention-deficit/hyperactivity disorder. 2010 , 19, 546-51	53
1730	Longitudinal study of sleep patterns of United States Military Academy cadets. <i>Sleep</i> , 2010 , 33, 1623-31 1.1	30
1729	Validity of Activity-Based Devices to Estimate Sleep. 2010 , 06, 336-342	127
1728	Circadian activity rhythms for mothers with an infant in ICU. 2010 , 1, 155	12
1727	Sleep disturbances in dementia. 2010 , 36, 9-14	42
1726	Infant sleep and paternal involvement in infant caregiving during the first 6 months of life. 2011 , 36, 36-46	68
1725	Removing the bedroom television set: a possible method for decreasing television viewing time in overweight and obese adults. 2010 , 34, 290-8	12
1724	Prevalence and risk factors for disrupted circadian rhythmicity in children with optic nerve hypoplasia. 2010 , 94, 1358-62	14
1723	Sleep influences the severity of memory disruption in amnesic mild cognitive impairment: results from sleep self-assessment and continuous activity monitoring. 2010 , 24, 325-33	62
1722	Comparison of commonly used placement sites for activity monitoring. 2010 , 11, 302-9	6

1721	The effects of railway noise on sleep medication intake: results from the ALPNAP-study. 2010 , 12, 110-9	27
1720	Do sleep difficulties exacerbate deficits in sustained attention following traumatic brain injury?. 2010 , 16, 17-25	58
1719	AASM standards of practice compliant validation of actigraphic sleep analysis from SOMNOWatch [®] versus polysomnographic sleep diagnostics shows high conformity also among subjects with sleep disordered breathing. 2010 , 31, 1623-33	39
1718	Development of a continuous multisite accelerometry system for studying movements during sleep. 2010 , 2010, 6150-3	12
1717	Automatic annotation of actigraphy data for sleep disorders diagnosis purposes. 2010 , 2010, 5081-4	1
1716	Reassessment of the principal characteristics of gastroesophageal reflux during the recumbent period using integrated actigraphy-acquired information. 2010 , 105, 1024-31	16
1715	The future of behavioral sleep medicine: a report on the presentations given at the Ponte Vedra Behavioral Sleep Medicine Consensus Conference, March 27-29, 2009. 2010 , 8, 74-89	9
1714	Response to the commentary: A worldwide call for multimodal inpatient treatment for children and adolescents suffering from chronic pain and pain-related disability. 2010 , 35, 141-3	2
1713	Opportunities for computing to support healthy sleep behavior. 2010 ,	8
1712	Sleep and biomarkers of atherosclerosis in elderly Alzheimer caregivers and controls. 2010 , 56, 41-50	69
1711	Validation of the DynaPort MiniMod during sleep: a pilot study. 2010 , 111, 936-46	9
1710	Feedback Actigraphy and Sleep among Long-Haul Truck Drivers. 2010 , 58, 137-145	0
1709	Psychological factors associated with poor sleep prior to breast surgery: an exploratory study. 2010 , 36, 85-91	22
1708	Rest-activity disturbances in children with septo-optic dysplasia characterized by actigraphy and 24-hour plasma melatonin profiles. 2010 , 95, E198-203	6
1707	Conscious awakenings are commonly associated with Acid reflux events in patients with gastroesophageal reflux disease. 2010 , 8, 851-7	27
1706	Restless legs syndrome: pathophysiology, clinical presentation and management. 2010 , 6, 337-46	227
1705	Can improvements in sleep be used as an indicator of the wider benefits of Autogenic Training and CAM research in general?. 2010 , 2, 57-62	3
1704	Low brain allopregnanolone levels mediate flattened circadian activity associated with memory impairments in aged rats. 2010 , 68, 956-63	24

1703	Sleep loss and inflammation. 2010 , 24, 775-84	268
1702	Sleep in Parkinson's disease: a comparison of actigraphy and subjective measures. 2010 , 16, 280-3	47
1701	Invalidity of one actigraphy brand for identifying sleep and wake among infants. 2010 , 11, 191-6	44
1700	Short sleep duration is associated with poor performance on IQ measures in healthy school-age children. 2010 , 11, 289-94	96
1699	Monitoring of physical activity after stroke: a systematic review of accelerometry-based measures. 2010 , 91, 288-97	189
1698	Prior night sleep duration is associated with psychomotor vigilance in a healthy sample of police academy recruits. 2010 , 27, 1493-508	30
1697	Processing of wearable sensor data on the cloud - a step towards scaling of continuous monitoring of health and well-being. 2010 , 2010, 3860-3	19
1696	Sleep well, think well: sleep-wake disturbance in mild cognitive impairment. 2010 , 23, 123-30	84
1695	Rest/activity rhythms and mortality rates in older men: MrOS Sleep Study. 2010 , 27, 363-77	70
1694	A subject state detection approach to determine rest-activity patterns using load cells. 2010 , 2010, 204-7	5
1693	Accurate Temperature Measurements for Medical Research Using Body Sensor Networks. 2011 ,	18
1692	Rest/activity rhythms and cardiovascular disease in older men. 2011 , 28, 258-66	47
1691	Six-month sleep-wake organization and stability in preschool-age children with autism, developmental delay, and typical development. 2011 , 9, 92-106	29
1690	Dietary Effects on Cognition and Pilots' Flight Performance. 2011 , 21, 269-282	12
1689	Effects of different mattresses on sleep quality in healthy subjects: an actigraphic study. 2011 , 42, 89-97	10
1688	Emotional expressiveness in sleep-deprived healthy adults. 2011 , 9, 5-14	72
1687	Acute effect of late evening meal on diurnal variation of blood glucose and energy metabolism. 2011 , 5, e169-266	42
1686	Circadian rhythm of rest activity and autonomic nervous system activity at different stages in Parkinson's disease. 2011 , 165, 195-200	51

1685	Estimation of human circadian phase via a multi-channel ambulatory monitoring system and a multiple regression model. 2011 , 26, 55-67	43
1684	Circadian rest-activity rhythm for maintenance of body shape. 2011 , 2011, 822-5	
1683	The role and validity of actigraphy in sleep medicine: an update. 2011 , 15, 259-67	853
1682	Schizophrenia patients with predominantly positive symptoms have more disturbed sleep-wake cycles measured by actigraphy. 2011 , 189, 62-6	76
1681	Faster REM sleep EEG and worse restedness in older insomniacs with HLA DQB1*0602. 2011 , 187, 397-400	7
1680	Factors associated with depressive symptoms in parents of children with autism spectrum disorders. 2011 , 5, 361-367	46
1679	Online assessment of sustained attention following sleep restriction. 2011 , 12, 257-61	21
1678	Sleep restriction over several days does not affect long-term recall of declarative and procedural memories in adolescents. 2011 , 12, 170-8	59
1677	Correlates of adolescent sleep time and variability in sleep time: the role of individual and health related characteristics. 2011 , 12, 239-45	139
1676	Sleep of preschool children with night-time fears. 2011 , 12, 870-4	31
1675	Solifenacin may improve sleep quality in patients with overactive bladder and sleep disturbance. 2011 , 78, 648-52	9
1674	The genetics of the human circadian clock. 2011 , 74, 231-47	15
1673	The effects of pain, gender, and age on sleep/wake and circadian rhythm parameters in oncology patients at the initiation of radiation therapy. 2011 , 12, 390-400	21
1672	Driving simulator performance remains impaired in patients with severe OSA after CPAP treatment. 2011 , 7, 246-53	30
1671	Sleeping with One Eye Open: The Sleep experience of Family Members Providing Palliative Care at Home. 2011 , 27, 69-78	23
1670	Habitual sleep/wake patterns in the Old Order Amish: heritability and association with non-genetic factors. <i>Sleep</i> , 2011 , 34, 661-9	1.1 44
1669	Infant growth in length follows prolonged sleep and increased naps. <i>Sleep</i> , 2011 , 34, 641-50	1.1 62
1668	Sleep monitoring: a comparison between three wearable instruments. 2011 , 176, 811-6	30

1667 Choosing a Mattress: Using Actigraphy and Diary Reports to Identify a Mattress That Provides Best Sleep. **2011**,

1666	Sleep and sleepiness in children with nocturnal enuresis. <i>Sleep</i> , 2011 , 34, 191-4	1.1	42
1665	Impact of sleep restriction on neurobehavioral functioning of children with attention deficit hyperactivity disorder. <i>Sleep</i> , 2011 , 34, 315-23	1.1	101
1664	Actigraphy. 2011 , 1668-1675		13
1663	Sleep estimates in children: parental versus actigraphic assessments. 2011 , 3, 115-23		74
1662	Sleep-Wake Patterns during the Acute Phase after First-Ever Stroke. 2011 , 2011, 936298		18
1661	Is activity loss predictive for development of upper limb oedema after stroke?. 2011 , 43, 398-403		2
1660	Loneliness is associated with sleep fragmentation in a communal society. <i>Sleep</i> , 2011 , 34, 1519-26	1.1	138
1659	Temporal associations between daytime physical activity and sleep in children. 2011 , 6, e22958		82
1658	The circadian response of intrinsically photosensitive retinal ganglion cells. 2011 , 6, e17860		104
1657	Sleep, serotonin, and suicide in Japan. 2011 , 30, 1-8		35
1656	Sleep-wake circadian activity rhythm parameters and fatigue in oncology patients before the initiation of radiation therapy. 2011 , 34, 255-68		70
1655	Sleep and alertness in North Sea helicopter operations. 2011 , 82, 704-10		8
1654	Feasibility study of acupuncture for reducing sleep disturbances and hot flashes in postmenopausal breast cancer survivors. 2011 , 25, 228-36		22
1653	Epileptic and nonepileptic paroxysmal events out of sleep in children. 2011 , 28, 111-9		14
1652	Nightly analyses of subjective and objective (actigraphy) measures of sleep in fibromyalgia syndrome: what accounts for the discrepancy?. 2011 , 27, 289-96		43
1651	Adaptation and readaptation to different shift work schedules measured with sleep diary and actigraphy. 2011 , 16, 331-44		31
1650	Association of sleep characteristics and cognition in older community-dwelling men: the MrOS sleep study. <i>Sleep</i> , 2011 , 34, 1347-56	1.1	147

1649	Automatic sleep/wake scoring from body motion in bed: validation of a newly developed sensor placed under a mattress. 2011 , 30, 103-9	36
1648	Sleep assessments in healthy school-aged children using actigraphy: concordance with polysomnography. 2011 , 20, 223-32	58
1647	Actigraphic assessment of a polysomnographic-recorded nap: a validation study. 2011 , 20, 214-22	69
1646	Effects of vigorous late-night exercise on sleep quality and cardiac autonomic activity. 2011 , 20, 146-53	100
1645	Sleep disorders and work performance: findings from the 2008 National Sleep Foundation Sleep in America poll. 2011 , 20, 487-94	231
1644	Parental report of infant sleep behavior by electronic versus paper-and-pencil diaries, and their relationship to actigraphic sleep measurement. 2011 , 20, 598-605	21
1643	Geriatric MyHealth Passport: a pilot study of a portable health summary in an elderly population. 2011 , 59, 2186-8	2
1642	Objective sleep duration and quality in hospitalized older adults: associations with blood pressure and mood. 2011 , 59, 2185-6	34
1641	Comparing sleep measures of infants derived from parental reports in sleep diaries and acceleration sensors. 2011 , 100, 1158-63	24
1640	Validation of the Taiwanese version of the Athens Insomnia Scale and assessment of insomnia in Taiwanese cancer patients. 2011 , 41, 904-14	39
1639	Differences in sleep disturbance and fatigue between patients with breast and prostate cancer at the initiation of radiation therapy. 2011 , 42, 239-50	44
1638	Sleep disturbances in children recovered from central nervous system neoplasms. 2011 , 159, 268-72.e1	15
1637	The impact on sleep of a multidisciplinary cognitive behavioural pain management programme: a pilot study. 2011 , 12, 5	4
1636	Effects of prone and supine positions on sleep state and stress responses in preterm infants. 2011 , 34, 257-63	34
1635	Sleep disturbance relates to neuropsychological functioning in late-life depression. 2011 , 132, 139-45	60
1634	Comparison of Motionlogger Watch and Actiwatch actigraphs to polysomnography for sleep/wake estimation in healthy young adults. 2011 , 43, 1152-60	53
1633	Can modifications to the bedroom environment improve the sleep of new parents? Two randomized controlled trials. 2011 , 34, 7-19	55
1632	Relationship of menopausal status and climacteric symptoms to sleep in women undergoing chemotherapy. 2011 , 19, 1107-15	20

1631	Spontaneous arm movement activity assessed by accelerometry is a marker for early recovery after stroke. 2011 , 258, 457-63	21
1630	[Measuring sleep duration and sleep quality]. 2011 , 54, 1276-83	4
1629	Powerful Actigraphy Data Through Functional Representation. 2011 , 24, 30-36	
1628	The association of quality of life with potentially remediable disruptions of circadian sleep/activity rhythms in patients with advanced lung cancer. 2011 , 11, 193	30
1627	Does sleep aggravate tension-type headache?: An investigation using computerized ecological momentary assessment and actigraphy. 2011 , 5, 10	21
1626	Sleep after stress induction: the role of stressful memory reactivation. 2011 , 27, e143-e151	3
1625	Circadian activity rhythms and risk of incident dementia and mild cognitive impairment in older women. 2011 , 70, 722-32	300
1624	Association between pain, radiographic severity, and centrally-mediated symptoms in women with knee osteoarthritis. 2011 , 63, 1543-9	37
1623	An exploration of the utility of mathematical modeling predicting fatigue from sleep/wake history and circadian phase applied in accident analysis and prevention: the crash of Comair Flight 5191. 2011 , 43, 1056-61	14
1622	Nighttime variability in wrist actigraphy. 2011 , 19, 105-14	15
1621	Advancements in the analysis of esophageal pH monitoring in GERD. 2011 , 8, 101-7	4
1620	Validating the use of wrist-level light monitoring for in-hospital circadian studies. 2011 , 28, 834-40	14
1619	Sleep quality in Parkinson disease: an examination of clinical variables. 2011 , 24, 43-9	23
1618	Infant sleep after immunization: randomized controlled trial of prophylactic acetaminophen. 2011 , 128, 1100-8	35
1617	Prospective evaluation of residents on call: before and after duty-hour reduction. 2011 , 127, 1080-7	18
1616	Circadian activity/rest and sleep/wake rhythms in blind adolescents and adults. 2011 , 42, 219-229	2
1615	Assessing the efficacy to conduct the multiple sleep latency test with actigraphy. 2011 , 9, 257-65	3
1614	Differences in sleep disturbance parameters between oncology outpatients and their family caregivers. 2011 , 29, 1001-6	54

1613	Opportunities for computing technologies to support healthy sleep behaviors. 2011,	57
1612	Effects of sleep loss and strenuous physical activity on the rest-activity circadian rhythm: a study on 500 km and 1,000 km dogsled racers. 2011, 13, 409-18	10
1611	Monitoring sleep-wake rhythm with actigraphy in patients on continuous positive airway pressure therapy. 2011, 82, 136-41	9
1610	Powerful Actigraphy Data Through Functional Representation. 2011, 24, 30-36	6
1609	Daytime sleep patterns in preschool children with autism, developmental delay, and typical development. 2011, 116, 142-52	12
1608	Insomnia nature, diagnosis, and treatment. 2011, 99, 723-46	15
1607	Melatonin and the Regulation of Sleep and Circadian Rhythms. 2011, 420-430	7
1606	Occupational sleep medicine: practice and promise. 2011, 190, 189-203	8
1605	Actigraphic monitoring of sleep and circadian rhythms. 2011, 98, 55-63	18
1604	Normal and abnormal sleep in the elderly. 2011, 98, 653-65	95
1603	The psychotomimetic nature of dreams: an experimental study. 2012, 2012, 872307	7
1602	A pilot study of shoulder placement for actigraphy in children. 2012, 10, 138-47	32
1601	Reliability and validity of the Pittsburgh Sleep Quality Index and the Epworth Sleepiness Scale in older men. 2012, 67, 433-9	174
1600	Actigraphy in human African trypanosomiasis as a tool for objective clinical evaluation and monitoring: a pilot study. 2012, 6, e1525	23
1599	Melanopsin gene variations interact with season to predict sleep onset and chronotype. 2012, 29, 1036-47	28
1598	Screening Instruments of Sleep Disorders: Actigraphy. 2012, 33-48	
1597	Sleep-wake circadian activity rhythms and fatigue in family caregivers of oncology patients. 2012, 35, 70-81	32
1596	The effect of MELatOnin on Depression, anxietY, cognitive function and sleep disturbances in patients with breast cancer. The MELODY trial: protocol for a randomised, placebo-controlled, double-blinded trial. 2012, 2, e000647	28

1595	Direct comparison of two new actigraphs and polysomnography in children and adolescents. <i>Sleep</i> , 2012 , 35, 159-66	1.1	221
1594	Essentials of Sleep Medicine. 2012 ,		
1593	Plug-n-trust. 2012 ,		20
1592	Effects of exercise on fatigue, sleep, and performance: a randomized trial. 2012 , 39, 468-77		47
1591	Warning about side effects can increase their occurrence: an experimental model using placebo treatment for sleep difficulty. 2012 , 26, 1540-7		30
1590	The relationship between sleep and mood in first-time and experienced mothers. 2012 , 10, 167-79		31
1589	Sleep, sleepiness, fatigue, and performance of 12-hour-shift nurses. 2012 , 29, 211-9		218
1588	Behavioral organization of locomotor activity and its modeling. 2012 ,		
1587	The timing of learning before night-time sleep differentially affects declarative and procedural long-term memory consolidation in adolescents. 2012 , 7, e40963		22
1586	The effects of music relaxation and muscle relaxation techniques on sleep quality and emotional measures among individuals with posttraumatic stress disorder. 2012 , 4, e13		26
1585	Critical appraisal of methods for the assessment of noise effects on sleep. 2012 , 14, 321-9		15
1584	Are you Sleeping? Pilot Comparison of Self-Reported and Objective Measures of Sleep Quality and Duration in an Inpatient Alcoholism Treatment Program. 2012 , 6, 135-9		4
1583	Recent developments in home sleep-monitoring devices. 2012 , 2012, 768794		96
1582	Practical strategies for management of fatigue and sleep disorders in people with brain tumors. 2012 , 14 Suppl 4, iv65-72		53
1581	Bright light therapy protects women from circadian rhythm desynchronization during chemotherapy for breast cancer. 2012 , 10, 202-16		65
1580	An actigraphy heterogeneous mixture model for sleep assessment. 2012 , 2012, 2275-8		4
1579	Short sleep duration is associated with carotid intima-media thickness among men in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. 2012 , 43, 2858-64		42
1578	Fatigue Risk Management: A Case Study. 2012 ,		

1577	Deciphering the temporal link between pain and sleep in a heterogeneous chronic pain patient sample: a multilevel daily process study. <i>Sleep</i> , 2012 , 35, 675-87A	1.1	108
1576	Sleep and insulin resistance in adolescents. <i>Sleep</i> , 2012 , 35, 1313-4	1.1	6
1575	Sleep and antibody response to hepatitis B vaccination. <i>Sleep</i> , 2012 , 35, 1063-9	1.1	113
1574	Insomnia in patients with COPD. <i>Sleep</i> , 2012 , 35, 369-75	1.1	68
1573	Utilising wireless sensor networks towards establishing a method of sleep profiling. 2012 , 1, 346		1
1572	Study of Heart Rate Variability in Bipolar Disorder: Linear and Non-Linear Parameters during Sleep. 2011 , 4, 22		20
1571	Effects of Vibroacoustic Therapy on Elderly Nursing Home Residents with Depression. 2012 , 24, 291-294		9
1570	Nighttime sleep disruptions, the hospital care environment, and symptoms in elementary school-age children with cancer. 2012 , 39, 553-61		22
1569	Noise and sleep among adult medical inpatients: far from a quiet night. 2012 , 172, 68-70		63
1568	Sleep deprivation and stressors: evidence for elevated negative affect in response to mild stressors when sleep deprived. 2012 , 12, 1015-20		222
1567	Day-to-day variability in nap duration predicts medical morbidity in older adults. 2012 , 31, 671-6		21
1566	Validation of self-reported sleep against actigraphy. 2012 , 22, 462-8		194
1565	Reduced physical activity in adults at risk for type 2 diabetes who curtail their sleep. 2012 , 20, 278-84		38
1564	Sleep and eating behavior in adults at risk for type 2 diabetes. 2012 , 20, 112-7		26
1563	[External validity of pain-linked functional interference: are we measuring what we want to measure?]. 2012 , 26, 396-401		11
1562	Association between circadian rhythms, sleep and cognitive impairment in healthy older adults: an actigraphic study. 2012 , 119, 1233-9		34
1561	A longitudinal study of measures of objective and subjective sleep disturbance in patients with breast cancer before, during, and after radiation therapy. 2012 , 44, 215-28		55
1560	Activity as a measure of symptom control. 2012 , 44, e1-2		12

1559	Sleep and rhythm changes at the time of <i>Trypanosoma brucei</i> invasion of the brain parenchyma in the rat. 2012 , 29, 469-81	17
1558	Adaptive circadian rhythm estimator and its application to locomotor activity. 2012 ,	4
1557	Organic nanopatch device improves sleep and enhances vital organ function. 2012 ,	
1556	Sleep in athletes and the effects of Ramadan. 2012 , 30 Suppl 1, S75-84	24
1555	Sleep-wake cycle of adolescents in Cte d'Ivoire: influence of age, gender, religion and occupation. 2012 , 29, 1366-75	15
1554	Differential Efficacy of Home Monitoring and Cognitive-Behavioral Treatment for Decreasing Children's Maladaptive Nighttime Fears. 2012 , 34, 1-19	12
1553	Infant sleep and early parental sleep-related cognitions predict sleep in pre-school children. 2012 , 13, 185-92	43
1552	The discrepancy between actigraphic and sleep diary measures of sleep in adolescents. 2012 , 13, 378-84	143
1551	Modeling caffeine concentrations with the Stanford Caffeine Questionnaire: preliminary evidence for an interaction of chronotype with the effects of caffeine on sleep. 2012 , 13, 362-7	15
1550	Comparison of actigraphy and polysomnography to assess effects of zolpidem in a clinical research unit. 2012 , 13, 419-24	42
1549	Assessment tools in obesity - psychological measures, diet, activity, and body composition. 2012 , 107, 154-71	56
1548	Circadian rhythms, sleep, and substance abuse. 2012 , 16, 67-81	165
1547	Comparing dementia patients' nighttime objective movement indicators with staff observations. 2012 , 12, 18-26	9
1546	An improved method for estimating human circadian phase derived from multichannel ambulatory monitoring and artificial neural networks. 2012 , 29, 1078-97	39
1545	Using actigraphy versus polysomnography in the clinical assessment of chronic insomnia (retrospective analysis of 27 patients). 2012 , 41, e95-e100	6
1544	An hour of bright white light in the early morning improves performance and advances sleep and circadian phase during the Antarctic winter. 2012 , 525, 146-51	30
1543	Predictors of clinical pain in fibromyalgia: examining the role of sleep. 2012 , 13, 350-8	25
1542	Fatigue and sleep quality are associated with changes in inflammatory markers in breast cancer patients undergoing chemotherapy. 2012 , 26, 706-13	143

1541	The impact of spinal cord stimulation on physical function and sleep quality in individuals with failed back surgery syndrome: a systematic review. 2012 , 16, 793-802	17
1540	The Healthy Start project: a randomized, controlled intervention to prevent overweight among normal weight, preschool children at high risk of future overweight. 2012 , 12, 590	30
1539	Acupressure for persistent cancer-related fatigue in breast cancer survivors (AcuCrft): a study protocol for a randomized controlled trial. 2012 , 12, 132	16
1538	Effectiveness of Physio Acoustic Sound (PAS) therapy in demented nursing home residents with nocturnal restlessness: study protocol for a randomized controlled trial. 2012 , 13, 34	1
1537	Evaluating sleep in bipolar disorder: comparison between actigraphy, polysomnography, and sleep diary. 2012 , 14, 870-9	98
1536	Circadian phase, sleepiness, and light exposure assessment in night workers with and without shift work disorder. 2012 , 29, 928-36	68
1535	Sleeping Arrangements in Families with Twins. 2012 , 12, 171-178	7
1534	Effect of age and feeding schedule on diurnal rest/activity rhythms in dogs. 2012 , 7, 339-347	12
1533	Sleep disturbances and risk of frailty and mortality in older men. 2012 , 13, 1217-25	113
1532	Can standardized sleep questionnaires be used to identify excessive daytime sleeping in older post-acute rehabilitation patients?. 2012 , 13, 127-35	5
1531	Methods for assessing sleep in children with autism spectrum disorders: A review. 2012 , 6, 1337-1344	36
1530	Impact Analysis of Solutions for Chronic Disease Prevention and Management. 2012 ,	3
1529	Circadian rhythms, symptoms, physical functioning, and body mass index in breast cancer survivors. 2012 , 6, 305-14	23
1528	Application of cloud computing in physical activity research. 2012 ,	2
1527	RASS: A Portable Real-time Automatic Sleep Scoring System. 2012 ,	8
1526	Measuring sleep/wake patterns with physical activity and energy expenditure monitors. 2012 , 43, 555-562	6
1525	Effect of tart cherry juice (<i>Prunus cerasus</i>) on melatonin levels and enhanced sleep quality. 2012 , 51, 909-16	110
1524	Evidence of associations between cytokine genes and subjective reports of sleep disturbance in oncology patients and their family caregivers. 2012 , 7, e40560	40

1523	A new approach for assessing sleep duration and postures from ambulatory accelerometry. 2012 , 7, e48089	26
1522	Morning cortisol levels and perceived stress in irregular shift workers compared with regular daytime workers. 2012 , 2012, 789274	15
1521	The longitudinal relationship between fatigue and sleep in breast cancer patients undergoing chemotherapy. <i>Sleep</i> , 2012 , 35, 237-45	1.1 83
1520	Insomnia. 2012 , 481-514	
1519	An approach to long-term sedative-hypnotic use. 2012 , 4, 53-61	6
1518	Sleep, inflammation and cardiovascular disease. 2012 , 4, 2490-501	24
1517	A New Approach for Assessing Sleep Duration and Postures from Ambulatory Accelerometry. 2012 ,	1
1516	Efficient assessment of efficacy in post-traumatic peripheral neuropathic pain patients: pregabalin in a randomized, placebo-controlled, crossover study. 2012 , 5, 243-50	9
1515	Insomnia: Etiology, Clinical Manifestations, and Morbidity. 2012 , 233-248	
1514	Prediction of overall survival through circadian rest-activity monitoring during chemotherapy for metastatic colorectal cancer. 2012 , 131, 2684-92	76
1513	Preliminary Evidence for a Relationship Between Sleep Disturbance and Global Attributional Style in Depression. 2012 , 36, 140-148	5
1512	The sleep/wake state scoring from mandible movement signal. 2012 , 16, 535-42	18
1511	Automatic identification of activity-rest periods based on actigraphy. 2012 , 50, 329-40	25
1510	Does activity matter: an exploratory study among mothers with preterm infants?. 2012 , 15, 185-92	22
1509	A model of shiftworker sleep/wake behaviour. 2012 , 45 Suppl, 6-10	10
1508	Predicting pilot's sleep during layovers using their own behaviour or data from colleagues: implications for biomathematical models. 2012 , 45 Suppl, 17-21	13
1507	Comparison of ambulatory and polysomnographic recording of jaw muscle activity during sleep in normal subjects. 2012 , 39, 2-10	39
1506	Comparison of actigraphy with polysomnography and sleep logs in depressed insomniacs. 2012 , 21, 122-7	98

1505	Reduced sleep quality in healthy girls at risk for depression. 2012 , 21, 68-72	35
1504	How well do truck drivers sleep in cabin sleeper berths?. 2012 , 43, 442-6	17
1503	Sleep and circadian rhythms in mining operators: limited evidence of adaptation to night shifts. 2012 , 43, 695-701	40
1502	A critical review of women's sleep-wake patterns in the context of neo-/adjuvant chemotherapy for early-stage breast cancer. 2012 , 21, 128-41	19
1501	Stroke patients' functions in personal activities of daily living in relation to sleep and socio-demographic and clinical variables in the acute phase after first-time stroke and at six months of follow-up. 2012 , 21, 1886-95	28
1500	Sleep in children and adolescents with Angelman syndrome: association with parent sleep and stress. 2012 , 56, 600-8	60
1499	Probabilistic sleep architecture models in patients with and without sleep apnea. 2012 , 21, 330-41	31
1498	Validation of an automated wireless system to monitor sleep in healthy adults. 2012 , 21, 221-30	152
1497	Depressive symptoms and subjective and objective sleep in community-dwelling older women. 2012 , 60, 635-43	86
1496	Sleep architecture in healthy 5-year-old preschool children: associations between sleep schedule and quality variables. 2012 , 101, e110-4	18
1495	Effect of working consecutive night shifts on sleep time, prior wakefulness, perceived levels of fatigue and performance on a psychometric test in emergency registrars. 2012 , 24, 251-9	4
1494	Automated determination of wakefulness and sleep in rats based on non-invasively acquired measures of movement and respiratory activity. 2012 , 204, 276-87	19
1493	Stress and health-related well-being among mothers with a low birth weight infant: the role of sleep. 2012 , 74, 958-65	51
1492	Sleep disorders in children with cancer. 2012 , 19, 25-34	35
1491	Effects of exercise intensity and duration on nocturnal heart rate variability and sleep quality. 2012 , 112, 801-9	87
1490	Relationship between early-life stress load and sleep in psychiatric outpatients: a sleep diary and actigraphy study. 2013 , 29, 177-89	29
1489	Sleep, physical activity and BMI in six to ten-year-old children measured by accelerometry: a cross-sectional study. 2013 , 10, 82	88
1488	Effect of the 2011 vs 2003 duty hour regulation-compliant models on sleep duration, trainee education, and continuity of patient care among internal medicine house staff: a randomized trial. 2013 , 173, 649-55	175

1487	The relationship between cocaine self-administration and actigraphy-based measures of sleep in adult rhesus monkeys. 2013 , 229, 267-74	7
1486	Circadian Clocks. 2013 ,	14
1485	Hypersomnia and depressive symptoms: methodological and clinical aspects. 2013 , 11, 78	81
1484	Actigraphy assessments of circadian sleep-wake cycles in the Vegetative and Minimally Conscious States. 2013 , 11, 18	47
1483	Clinical application of actigraphy in psychotic disorders: a systematic review. 2013 , 15, 359	31
1482	Decreased health-related quality of life in women with breast cancer is associated with poor sleep. 2013 , 11, 189-206	57
1481	Do pregnant women accurately report sleep time? A comparison between self-reported and objective measures of sleep duration in pregnancy among a sample of urban mothers. 2013 , 17, 1323-7	53
1480	Assessment of sleep quality by pulse wave amplitude and actigraphy in children with sleep-disordered breathing: evaluation at diagnosis and under non-invasive ventilation. 2013 , 17, 827-35	9
1479	Actigraphic assessment of sleep in chronic obstructive pulmonary disease. 2013 , 17, 125-32	20
1478	Energy expenditure in obstructive sleep apnea: validation of a multiple physiological sensor for determination of sleep and wake. 2013 , 17, 139-46	57
1477	Comparison of three actigraphic algorithms used to evaluate sleep in patients with obstructive sleep apnea. 2013 , 17, 297-304	14
1476	Accuracy of computer algorithms and the human eye in scoring actigraphy. 2013 , 17, 411-7	45
1475	Tryptophan-enriched cereal intake improves nocturnal sleep, melatonin, serotonin, and total antioxidant capacity levels and mood in elderly humans. 2013 , 35, 1277-85	85
1474	Work schedules, sleep, fatigue, and accidents in the US railroad industry. 2013 , 1, 99-115	7
1473	Night diapers use and sleep in children with enuresis. 2013 , 14, 1013-6	7
1472	Self-report instruments for assessing sleep dysfunction in an adult traumatic brain injury population: a systematic review. 2013 , 17, 411-23	43
1471	Activity, sleep and cognition after fast-track hip or knee arthroplasty. 2013 , 28, 1265-9	37
1470	Fatigue and Circadian Activity Rhythms in Breast Cancer Patients Before and After Chemotherapy: A Controlled Study. 2013 , 1, 12-26	37

1469	Methodological issues for studying the rest-activity cycle and sleep disturbances: a chronobiological approach using actigraphy data. 2013 , 15, 5-12	35
1468	Diurnal cortisol rhythm as a predictor of lung cancer survival. 2013 , 30 Suppl, S163-70	217
1467	Approach to a Patient with Excessive Daytime Sleepiness. 2013 , 31-42	
1466	Sleep, type 2 diabetes, dyslipidemia, and hypertension in elderly Alzheimer's caregivers. 2013 , 57, 70-7	12
1465	Sleep/wake patterns and physical performance in older adults. 2013 , 25, 175-81	14
1464	Direct comparison of two actigraphy devices with polysomnographically recorded naps in healthy young adults. 2013 , 30, 691-8	115
1463	Comparison of five actigraphy scoring methods with bipolar disorder. 2013 , 11, 275-82	16
1462	How active are patients with idiopathic normal pressure hydrocephalus and does activity improve after shunt surgery? A controlled actigraphic study. 2013 , 115, 192-6	9
1461	Circadian sleep-wake rhythm of older adults with intellectual disabilities. 2013 , 34, 1144-51	25
1460	Swallowing activity assessed by ambulatory impedance-pH monitoring predicts awake and asleep periods at night. 2013 , 58, 1049-53	4
1459	Actigraphy reliability with normal sleepers. 2013 , 11, 313-20	17
1458	Multi-distance motion vector clustering algorithm for video-based sleep analysis. 2013 ,	1
1457	Association between sleep-disordered breathing, sleep-wake pattern, and cognitive impairment among patients with chronic heart failure. 2013 , 15, 496-504	19
1456	Prevalence of sleep deficiency in early gestation and its associations with stress and depressive symptoms. 2013 , 22, 1028-37	68
1455	Clinical application of a novel automatic algorithm for actigraphy-based activity and rest period identification to accurately determine awake and asleep ambulatory blood pressure parameters and cardiovascular risk. 2013 , 30, 43-54	24
1454	The impact of shift work on Brazilian train drivers with different chronotypes: a comparative analysis through objective and subjective criteria. 2013 , 22, 390-6	13
1453	Mars 520-d mission simulation reveals protracted crew hypokinesia and alterations of sleep duration and timing. 2013 , 110, 2635-40	121
1452	Sleep and sleep-wake disturbances in care recipient-caregiver dyads in the context of a chronic illness: a critical review of the literature. 2013 , 45, 579-94	20

1451	The effects of acute sleep restriction on adolescents' pedestrian safety in a virtual environment. 2013 , 53, 785-90	30
1450	Trajectories of sleep changes during the acute phase of traumatic brain injury: a 7-day actigraphy study. 2013 , 112, 545-53	22
1449	Insomnia with Short Sleep Duration: Nosological, Diagnostic, and Treatment Implications. 2013 , 8, 309-322	46
1448	Objective sleep parameters of healthy subjects by actigraphy for the evaluation of sleep medication. 2013 , 14, 299-300	
1447	Time to awaken to issues of sleep and inflammatory bowel disease: there are many unanswered questions. 2013 , 11, 972-4	
1446	Wrist actigraphy for measuring sleep in intervention studies with Alzheimer's disease patients: application, usefulness, and challenges. 2013 , 17, 475-88	58
1445	Technical advances in the characterization of the complexity of sleep and sleep disorders. 2013 , 45, 277-86	19
1444	Sleep duration and all-cause mortality: a critical review of measurement and associations. 2013 , 23, 361-70	138
1443	Insomnia with objective short sleep duration: the most biologically severe phenotype of the disorder. 2013 , 17, 241-54	398
1442	Nighttime sleep characteristics of hospitalized school-age children with cancer. 2013 , 18, 13-24	19
1441	Cancer chronotherapeutics: experimental, theoretical, and clinical aspects. 2013 , 261-88	55
1440	Characterizing behavioral sleep using actigraphy in adult dogs of various ages fed once or twice daily. 2013 , 8, 195-203	20
1439	Multiparameter Sleep Monitoring Using a Depth Camera. 2013 , 311-325	12
1438	Behavioral and electrophysiological correlates of sleep and sleep homeostasis. 2015 , 25, 1-24	33
1437	Biomedical Engineering Systems and Technologies. 2013 ,	
1436	Body movement analysis during sleep based on video motion estimation. 2013 ,	9
1435	Validation of a multi-sensor activity monitor for assessing sleep in children and adolescents. 2013 , 14, 201-5	48
1434	Maternal stress, well-being, and impaired sleep in mothers of children with developmental disabilities: a literature review. 2013 , 34, 4255-73	70

1433	Sleep, mood, and quality of life in patients receiving treatment for lung cancer. 2013 , 40, 441-51	31
1432	Documenting orang-utan sleep architecture: sleeping platform complexity increases sleep quality in captive Pongo. 2013 , 150, 845-861	25
1431	Impact of physical fitness and daily energy expenditure on sleep efficiency in young and older humans. 2013 , 59, 8-16	35
1430	Reply: sleep efficiency in patients with polycystic ovarian syndrome. 2013 , 28, 3165	
1429	iSleep. 2013 ,	133
1428	Validating a mobile phone application for the everyday, unobtrusive, objective measurement of sleep. 2013 ,	22
1427	Nocturnal Awakening & Sleep Duration in Veterans with PTSD: An Actigraphic Study. 2013 , 29, 991-6	7
1426	Efficient and regular patterns of nighttime sleep are related to increased vulnerability to microsleeps following a single night of sleep restriction. 2013 , 30, 1187-96	14
1425	Sleep discrepancy, sleep complaint, and poor sleep among older adults. 2013 , 68, 712-20	32
1424	Lack of negative correlation in glucose dynamics by nonexercise activity thermogenesis restriction in healthy adults. 2013 , 45, 60-6	4
1423	Effect of behavioural-educational intervention on sleep for primiparous women and their infants in early postpartum: multisite randomised controlled trial. 2013 , 346, f1164	67
1422	Predictive value of upper-limb accelerometry in acute stroke with hemiparesis. 2013 , 50, 1099-106	14
1421	Sleep patterns during an antarctic field expedition. 2013 , 178, 438-44	8
1420	Characterization of apathy in persons with frontotemporal dementia and the impact on family caregivers. 2013 , 27, 62-7	47
1419	Non-pharmacological sleep interventions for youth with chronic health conditions: a critical review of the methodological quality of the evidence. 2013 , 35, 1221-55	23
1418	Actigraph estimates of the sleep of Australian midwives: the impact of shift work. 2013 , 15, 191-9	12
1417	Guidelines for the recording and evaluation of pharmaco-sleep studies in man: the International Pharmaco-EEG Society (IPEG). 2013 , 67, 127-67	33
1416	Wrist actigraphy predicts outcome in patients with pulmonary hypertension. 2013 , 86, 45-51	29

1415	Adaptive circadian argument estimator and its application to circadian argument control. 2013,		3
1414	Sleep estimation using BodyMedia's SenseWear [®] Armband in patients with obstructive sleep apnea. 2013, 8, 53-7		67
1413	Using actigraphy to measure sleep patterns in rheumatoid arthritis: a pilot study in patients taking night-time prednisone. 2013, 11, 179-85		7
1412	Perceived control and sleep in hospitalized older adults: a sound hypothesis?. 2013, 8, 184-90		19
1411	Sleep disturbance in family caregivers of individuals with dementia: a review of the literature. 2013, 49, 135-46		57
1410	Comparison of two types of Actiwatch with polysomnography in older adults with intellectual disability: a pilot study. 2013, 38, 265-73		10
1409	IEEE802.15.6 -based multi-accelerometer WBAN system for monitoring Parkinson's disease. 2013, 2013, 1656-9		5
1408	Systematic review: relationships between sleep and gastro-oesophageal reflux. 2013, 38, 657-73		14
1407	Postpartum mothers' napping and improved cognitive growth fostering of infants: results from a pilot study. 2013, 11, 120-32		4
1406	Addressing the challenges of sleep/wake class imbalance in bed based non-contact actigraphic recordings of sleep. 2013, 2013, 4654-7		3
1405	Relation between sleep status of preterm infants aged 1-2 years and mothers' parenting stress. 2013, 55, 416-21		12
1404	Sleep-wake activity rhythm and health-related quality of life among patients with coronary artery disease and in a population-based sample--an actigraphy and questionnaire study. 2013, 19, 390-401		3
1403	Actigraphy for the assessment of sleep measures in Parkinson's disease. <i>Sleep</i> , 2013, 36, 1209-17	1.1	47
1402	Measuring sleep: accuracy, sensitivity, and specificity of wrist actigraphy compared to polysomnography. <i>Sleep</i> , 2013, 36, 1747-55	1.1	519
1401	Sleep Disturbances and Risk of Depression in Older Men. <i>Sleep</i> , 2013, 36, 1033-1040	1.1	53
1400	Effects of a rotating-shift schedule on nurses' vigilance as measured by the Psychomotor Vigilance Task. 2013, 7, 35-43		
1399	Cognitive behavioral treatment of insomnia. 2013, 143, 554-565		56
1398	Effect of evening postexercise cold water immersion on subsequent sleep. 2013, 45, 1394-402		26

1397	Comparison of sleep parameters obtained from actigraphy and polysomnography during the rehabilitative phase after burn. 2013 , 34, 183-90	4
1396	Effect of a steam foot spa on geriatric inpatients with cognitive impairment: a pilot study. 2013 , 8, 543-8	2
1395	An Integrative, Multilevel, and Transdisciplinary Research Approach to Challenges of Work, Family, and Health. 2013 , 1-38	67
1394	Total sleep time obtained from actigraphy versus sleep logs in an academic sleep center and impact on further sleep testing. 2013 , 5, 125-31	13
1393	Actigraphy for measurement of sleep and sleep-wake rhythms in relation to surgery. 2013 , 9, 387-94	26
1392	Cognitive training improves sleep quality and cognitive function among older adults with insomnia. 2013 , 8, e61390	55
1391	Association between sleep duration and 24-hour urine free cortisol in the MrOS Sleep Study. 2013 , 8, e75205	12
1390	Napping on the Night Shift: A Study of Sleep, Performance, and Learning in Physicians-in-Training. 2013 , 5, 634-8	15
1389	Actigraphy. 2013 , 88-91	
1388	. 2013 ,	1
1387	Total sleep time and other sleep characteristics measured by actigraphy do not predict incident hypertension in a cohort of community-dwelling older men. 2013 , 9, 585-91	22
1386	Choosing Instruments for Research: an Evaluation of Two Activity Monitors in Healthy Women. 2013 , 03,	1
1385	Psychological and behavioral changes during confinement in a 520-day simulated interplanetary mission to mars. 2014 , 9, e93298	99
1384	Actigraphic assessment of motor activity in acutely admitted inpatients with bipolar disorder. 2014 , 9, e89574	67
1383	Timing and intensity of light correlate with body weight in adults. 2014 , 9, e92251	58
1382	Synchronizing an aging brain: can entraining circadian clocks by food slow Alzheimer's disease?. 2014 , 6, 234	17
1381	Circadian Phase Preference in Pediatric Bipolar Disorder. 2014 , 3, 255-66	12
1380	Performance evaluation of an automated single-channel sleep-wake detection algorithm. 2014 , 6, 113-22	36

1379	Circadian abnormalities as markers of susceptibility in bipolar disorders. 2014 , 6, 120-37	23
1378	Pulsing blue light through closed eyelids: effects on acute melatonin suppression and phase shifting of dim light melatonin onset. 2014 , 6, 149-56	16
1377	Depressive symptoms and the relationship of stress, sleep, and well-being among NICU mothers. 2014 , 4,	8
1376	Nighttime breastfeeding behavior is associated with more nocturnal sleep among first-time mothers at one month postpartum. 2014 , 10, 313-9	31
1375	The Effect of Blue Light Therapy on Flight Crew-Members Behavioral Alertness. 2014 ,	
1374	The influence of break timing on the sleep quantity and quality of fly-in, fly-out shiftworkers. 2014 , 52, 521-30	3
1373	Comparison of 7 versus 14 days wrist actigraphy monitoring in a sleep disorders clinic population. 2014 , 31, 356-62	19
1372	Millisecond flashes of light phase delay the human circadian clock during sleep. 2014 , 29, 370-6	54
1371	Validity of an algorithm for determining sleep/wake states using a new actigraph. 2014 , 33, 31	37
1370	An assistive device for congenital central hypoventilation syndrome outpatients during sleep. 2014 , 42, 2106-16	2
1369	. 2014 ,	8
1368	Understanding mental and physical fatigue complaints in those with depression and insomnia. 2014 , 12, 272-89	15
1367	Home-based behavioral sleep training for shift workers: a pilot study. 2014 , 12, 455-68	17
1366	Sleep efficiency and nocturnal hemodynamic dipping in young, normotensive adults. 2014 , 307, R888-92	21
1365	Evaluation of candidate measures for home-based screening of sleep disordered breathing in Taiwanese bus drivers. 2014 , 14, 8126-49	6
1364	Associations of objectively and subjectively measured sleep quality with subsequent cognitive decline in older community-dwelling men: the MrOS sleep study. <i>Sleep</i> , 2014 , 37, 655-63	1.1 125
1363	Impact of accelerometer wear time on physical activity data: a NHANES semisimulation data approach. 2014 , 48, 278-82	79
1362	Challenges and Emerging Technologies within the Field of Pediatric Actigraphy. 2014 , 5, 99	45

1361	Examination of wrist and hip actigraphy using a novel sleep estimation procedure ?. 2014 , 7, 74-81	15
1360	Sleep in family caregivers of patients admitted to hospice: A pilot study. 2014 , 12, 439-44	8
1359	A lightweight method for detecting sleep-related activities based on load sensing. 2014 ,	0
1358	Toss 'n' turn. 2014 ,	105
1357	Intelligent sleep stage mining service with smartphones. 2014 ,	51
1356	. 2014 ,	4
1355	Impairment in circadian activity rhythms occurs during dexamethasone therapy in children with leukemia. 2014 , 61, 1986-91	15
1354	Design and clinical feasibility of personal wearable monitor for measurement of activity and environmental exposure. 2014 , 2014, 874-7	7
1353	Sleep duration, quality, and timing and their associations with age in a community without electricity in Haiti. 2014 , 26, 80-6	35
1352	Comparison of sleep estimation using wrist actigraphy and waist actigraphy in healthy young adults. 2014 , 12, 62-68	5
1351	An exploratory study of the patients' sleep patterns and inflammatory response following cardiopulmonary bypass (CPB). 2014 , 23, 2332-42	7
1350	Automatic detection of wakefulness and rest intervals in actigraphic signals: a data-driven approach. 2014 , 36, 1585-92	1
1349	Sleep fragmentation and increased periodic limb movements are more common in children with nocturnal enuresis. 2014 , 103, e268-72	38
1348	Automatic scoring of sleep stages and cortical arousals using two electrodes on the forehead: validation in healthy adults. 2014 , 23, 211-21	28
1347	Daytime Sleepiness. 2014 , 9, 491-498	2
1346	Hospital lighting and its association with sleep, mood and pain in medical inpatients. 2014 , 70, 1164-73	38
1345	Does pilates exercise increase physical activity, quality of life, latency, and sleep quantity in middle-aged people?. 2014 , 119, 838-50	14
1344	Mitigating and monitoring flight crew fatigue on a westward ultra-long-range flight. 2014 , 85, 1199-208	5

1343	Analysis of actigraph parameters for relapse prediction in bipolar disorder: a feasibility study. 2014 , 2014, 4972-5	6
1342	Twenty-four-hour ambulatory recording of cerebral hemodynamics, systemic hemodynamics, electrocardiography, and actigraphy during people's daily activities. 2014 , 19, 47003	12
1341	Work-family conflict, family-supportive supervisor behaviors (FSSB), and sleep outcomes. 2014 , 19, 155-67	94
1340	Reduced Amplitude of the 24 Hour Activity Rhythm: A Biomarker of Vulnerability to Bipolar Disorder?. 2014 , 2, 86-96	22
1339	Prediction of upper limb recovery, general disability, and rehabilitation status by activity measurements assessed by accelerometers or the Fugl-Meyer score in acute stroke. 2014 , 93, 245-52	29
1338	The relationship between light exposure and sleep, fatigue, and depression in cancer outpatients: test of the mediating effect. 2014 , 37, 382-90	6
1337	Challenging behaviour and sleep cycle disorder following brain injury: a preliminary response to agomelatine treatment. 2014 , 28, 378-81	12
1336	Sleep in persons with frontotemporal dementia and their family caregivers. 2014 , 63, 129-36	29
1335	Methods for the design of vasomotor symptom trials: the menopausal strategies: finding lasting answers to symptoms and health network. 2014 , 21, 45-58	47
1334	Impact of sleep on the risk of cognitive decline and dementia. 2014 , 27, 478-83	136
1333	Randomized controlled trial of pharmacological replacement of melatonin for sleep disruption in individuals with tetraplegia. 2014 , 37, 46-53	10
1332	Fatigue in the Workplace. 2014 , 243-268	
1331	Effects of sleep loss on the rest-activity circadian rhythm of helpers participating in continuous dogsled races. 2014 , 16, 123-33	7
1330	Healthcare providers' knowledge of disordered sleep, sleep assessment tools, and nonpharmacological sleep interventions for persons living with dementia: a national survey. 2014 , 2014, 286274	7
1329	Impact of Sleep and Sleep Disturbances on Obesity and Cancer. 2014 ,	7
1328	Correspondence of plasma and salivary cortisol patterns in women with breast cancer. 2014 , 100, 153-61	8
1327	Towards Benchmarked Sleep Detection with Wrist-Worn Sensing Units. 2014 ,	24
1326	An Effective Way to Improve Actigraphic Algorithm by Using Tri-axial Accelerometer in Sleep Detection. 2014 ,	1

1325	Assessment of sleep and circadian rhythm disorders in the very old: the Newcastle 85+ Cohort Study. 2014 , 43, 57-63	37
1324	Utility of actiwatch sleep monitor to assess waking movement behavior in older women. 2014 , 46, 2301-7	24
1323	Associations among chronic obstructive pulmonary disease and sleep-disordered breathing in an urban male working population in Japan. 2014 , 88, 234-43	8
1322	Subjective sleep quality in relation to objective sleep estimates: comparison, gender differences and changes between the acute phase and the six-month follow-up after stroke. 2014 , 70, 639-50	12
1321	Measuring the impact of apnea and obesity on circadian activity patterns using functional linear modeling of actigraphy data. 2011 , 9, 11	38
1320	Sleep and eating in childhood: a potential behavioral mechanism underlying the relationship between poor sleep and obesity. 2014 , 15, 71-5	48
1319	The influence of light administration on interpersonal behavior and affect in people with mild to moderate seasonality. 2014 , 48, 92-101	6
1318	A Novel Home Sleep Monitoring Device and Brief Sleep Intervention for Bipolar Disorder: Feasibility, Tolerability, and Preliminary Effectiveness. 2014 , 38, 55-61	9
1317	The relationship between indoor, outdoor and ambient temperatures and morning BP surges from inter-seasonally repeated measurements. 2014 , 28, 482-8	30
1316	The circadian rest-activity rhythm, a potential safety pharmacology endpoint of cancer chemotherapy. 2014 , 134, 2717-25	43
1315	A study protocol: a community pharmacy-based intervention for improving the management of sleep disorders in the community settings. 2014 , 14, 74	7
1314	Methods for Human Sleep Deprivation Experiments. 2014 , 27-32	
1313	Objectively measured sleep duration and hyperglycemia in pregnancy. 2014 , 15, 51-5	46
1312	Active at night, sleepy all day--sleep disturbances in patients with hepatitis C virus infection. 2014 , 60, 732-40	35
1311	Effects of one night of induced night-wakings versus sleep restriction on sustained attention and mood: a pilot study. 2014 , 15, 825-32	29
1310	Sleep and wake classification with actigraphy and respiratory effort using dynamic warping. 2014 , 18, 1272-84	66
1309	Sleep timing, chronotype, mood, and behavior at an Arctic latitude (69° N). 2014 , 15, 798-807	51
1308	Earplugs and eye masks vs routine care prevent sleep impairment in post-anaesthesia care unit: a randomized study. 2014 , 112, 89-95	64

1307	Circadian phase assessment by ambulatory monitoring in humans: correlation with dim light melatonin onset. 2014 , 31, 37-51	70
1306	Sleep Deprivation and Disease. 2014 ,	2
1305	Sleep and prospective memory. 2014 , 45, 115-120	14
1304	Assessment of sleep in the National Social Life, Health, and Aging Project. 2014 , 69 Suppl 2, S125-33	45
1303	Evaluation of an individualised programme to promote self-care in sleep-activity in patients with coronary artery disease -- a randomised intervention study. 2014 , 23, 2822-34	16
1302	Work of breathing as a tool to diagnose severe fixed upper airway obstruction. 2014 , 49, E35-9	4
1301	Influence of acoustic stimulation on the circadian and ultradian rhythm of premature infants. 2014 , 31, 1062-74	25
1300	Mother-infant circadian rhythm: development of individual patterns and dyadic synchrony. 2014 , 90, 885-90	32
1299	Impact of work schedules on sleep duration of critical care nurses. 2014 , 23, 290-5	21
1298	Reliability and validity of the Korean version of Morningness-Eveningness Questionnaire in adults aged 20-39 years. 2014 , 31, 479-86	47
1297	Association between physical activity and sleep in adults with chronic pain: a momentary, within-person perspective. 2014 , 94, 499-510	23
1296	Recommendations of the Sleep Study Group of the Italian Dementia Research Association (SINDem) on clinical assessment and management of sleep disorders in individuals with mild cognitive impairment and dementia: a clinical review. 2014 , 35, 1329-48	20
1295	Sleep-wake patterns in schizophrenia patients compared to healthy controls. 2014 , 15, 517-24	42
1294	Sleep, fatigue, depression, and circadian activity rhythms in women with breast cancer before and after treatment: a 1-year longitudinal study. 2014 , 22, 2535-45	123
1293	Evaluating the effectiveness of the Motivating Teens To Sleep More program in advancing bedtime in adolescents: a randomized controlled trial. 2014 , 2,	5
1292	Where do parents sleep best when children are hospitalized? A pilot comparison study. 2014 , 12, 307-16	48
1291	A review of signals used in sleep analysis. 2014 , 35, R1-57	131
1290	Actigraphy in patients with treatment-resistant depression undergoing electroconvulsive therapy. 2014 , 57, 96-100	14

1289	Leveraging technology: creating and sustaining changes for health. 2014 , 20, 835-49	6
1288	The reliability and validity of the Japanese version of the Children's ChronoType Questionnaire (CCTQ) in preschool children. 2014 , 31, 947-53	16
1287	Lifestyle applications from sleep research. 2014 , 5, 829-842	
1286	Normalization and extraction of interpretable metrics from raw accelerometry data. 2014 , 15, 102-16	24
1285	Association between melatonin secretion and nocturia in elderly individuals: a cross-sectional study of the HEIJO-KYO cohort. 2014 , 191, 1816-21	23
1284	Associations between circadian activity rhythms and functional brain abnormalities among euthymic bipolar patients: a preliminary study. 2014 , 164, 101-6	32
1283	Psycho-informatics: Big Data shaping modern psychometrics. 2014 , 82, 405-11	107
1282	Sleep and sadness: exploring the relation among sleep, cognitive control, and depressive symptoms in young adults. 2014 , 15, 144-9	49
1281	Daily stress, presleep arousal, and sleep in healthy young women: a daily life computerized sleep diary and actigraphy study. 2014 , 15, 359-66	38
1280	Assessment and Treatment of Delayed Sleep Phase Disorder in Adolescents. 2014 , 9, 199-210	21
1279	Single-parent family structure and sleep problems in black and white adolescents. 2014 , 15, 255-61	49
1278	Ambulatory circadian monitoring (ACM) based on thermometry, motor activity and body position (TAP): a comparison with polysomnography. 2014 , 126, 30-8	35
1277	Sleep quality improved following a single session of moderate-intensity aerobic exercise in older women: Results from a pilot study. 2014 , 3, 338-342	22
1276	The circadian timing system in clinical oncology. 2014 , 46, 191-207	125
1275	Wrist actimetry circadian rhythm as a robust predictor of colorectal cancer patients survival. 2014 , 31, 891-900	66
1274	Sleep disturbances and pain among individuals with prescription opioid dependence. 2014 , 39, 1537-42	44
1273	Agreement of different methods for assessing sleep characteristics: a comparison of two actigraphs, wrist and hip placement, and self-report with polysomnography. 2014 , 15, 1107-14	136
1272	The effects of extended bedtimes on sleep duration and food desire in overweight young adults: a home-based intervention. 2014 , 80, 220-4	79

1271	Validation of actigraphy with continuous video-electroencephalography in children with epilepsy. 2014 , 15, 1075-81		17
1270	Depressive symptoms and circadian activity rhythm disturbances in community-dwelling older women. 2014 , 22, 349-61		27
1269	Effect of breakfast skipping on diurnal variation of energy metabolism and blood glucose. 2014 , 8, e201-98		47
1268	Subjective and objective sleep disturbance and longitudinal risk of depression in a cohort of older women. <i>Sleep</i> , 2014 , 37, 1179-87	1.1	84
1267	Effects of nutrient composition of dinner on sleep architecture and energy metabolism during sleep. 2014 , 60, 114-21		27
1266	Continuity and change in poor sleep from childhood to early adolescence. <i>Sleep</i> , 2014 , 37, 289-97	1.1	55
1265	Cognitive behavioral therapy for insomnia in posttraumatic stress disorder: a randomized controlled trial. <i>Sleep</i> , 2014 , 37, 327-41	1.1	179
1264	A randomized controlled trial of mindfulness meditation for chronic insomnia. <i>Sleep</i> , 2014 , 37, 1553-63	1.1	169
1263	Sleep, sleepiness, and fatigue outcomes for parents of critically ill children. 2014 , 15, e56-65		22
1262	Sleep and agitation in nursing home residents with and without dementia. 2015 , 27, 1945-55		17
1261	The effect of bright light therapy on sleep and circadian rhythms in renal transplant recipients: a pilot randomized, multicentre wait-list controlled trial. 2015 , 28, 59-70		25
1260	Sleep Duration in Rough Sea Conditions. 2015 , 86, 901-6		5
1259	Monitoring and Managing Cabin Crew Sleep and Fatigue During an Ultra-Long Range Trip. 2015 , 86, 705-13		10
1258	Sleep interventions: a developmental perspective. 2015 , 999-1015		2
1257	Sleep and Sleep/Wake Disorders. 2015 , 1264-1310		1
1256	Sleep-independent offline consolidation of response inhibition during the daytime post-training period. 2015 , 5, 10362		2
1255	Metabolic risk factors and posttraumatic stress disorder: the role of sleep in young, healthy adults. 2015 , 77, 383-91		17
1254	Actigraphic investigation of circadian rhythm functioning and activity levels in children with mucopolysaccharidosis type III (Sanfilippo syndrome). 2015 , 7, 31		15

1253	Validation of Sleep-Tracking Technology Compared with Polysomnography in Adolescents. <i>Sleep</i> , 2015 , 38, 1461-8	1.1	98
1252	Behaviorally Assessed Sleep and Susceptibility to the Common Cold. <i>Sleep</i> , 2015 , 38, 1353-9	1.1	175
1251	The Impact of a Cognitive Behavioral Pain Management Program on Sleep in Patients with Chronic Pain: Results of a Pilot Study. 2016 , 17, 360-9		6
1250	Actigraphy is not a reliable method for measuring sleep patterns in neonates. 2015 , 104, e478-82		7
1249	Sleep Duration and Blood Glucose Control in Women With Gestational Diabetes Mellitus. 2015 , 126, 326-331		19
1248	Trajectories of Sleep and Its Predictors in the First Year Following Traumatic Brain Injury. 2015 , 30, E50-5		12
1247	Association between objectively measured sleep quality and obesity in community-dwelling adults aged 80 years or older: a cross-sectional study. 2015 , 30, 199-206		26
1246	Review of information and communication technology devices for monitoring functional and cognitive decline in Alzheimer's disease clinical trials. 2015 , 6, 71-83		7
1245	Measuring physical activity in older adults: calibrating cut-points for the MotionWatch 8("). 2015 , 7, 165		35
1244	Measuring sleep quality in older adults: a comparison using subjective and objective methods. 2015 , 7, 166		202
1243	Sleep-wake evaluation from whole-night non-contact audio recordings of breathing sounds. 2015 , 10, e0117382		31
1242	Short-term effects of electroconvulsive therapy on subjective and actigraphy-assessed sleep parameters in severely depressed inpatients. 2015 , 2015, 764649		2
1241	Adverse Effects of Daylight Saving Time on Adolescents' Sleep and Vigilance. 2015 , 11, 879-84		15
1240	Actigraphy-defined measures of sleep and movement across the menstrual cycle in midlife menstruating women: Study of Women's Health Across the Nation Sleep Study. 2015 , 22, 66-74		29
1239	The impact of sleep on neuropsychological performance in cognitively intact older adults using a novel in-home sensor-based sleep assessment approach. 2015 , 29, 53-66		29
1238	lii. Sleep assessment methods. 2015 , 80, 33-48		137
1237	Susceptible period of socio-emotional development affected by constant exposure to daylight. 2015 , 93, 91-8		6
1236	Differential effects of duration of sleep fragmentation on spatial learning and synaptic plasticity in pubertal mice. 2015 , 1615, 116-128		16

1235	Pilot Study on the Effect of Ramelteon on Sleep Disturbance After Traumatic Brain Injury: Preliminary Evidence From a Clinical Trial. 2015 , 96, 1802-9	31
1234	Insomnia in Parkinson's Disease. 2015 , 79-91	
1233	Evaluation of Sleep Disorders in Patients With Severe Traumatic Brain Injury During Rehabilitation. 2015 , 96, 1691-7.e3	27
1232	Two nights of sleep deprivation with or without energy restriction does not impair the thermal response to cold. 2015 , 115, 2059-68	7
1231	Managing fatigue: It really is about sleep. 2015 , 82, 20-6	36
1230	Marriage, Relationship Quality, and Sleep among U.S. Older Adults. 2015 , 56, 356-77	112
1229	Cushing's syndrome is associated with sleep alterations detected by wrist actigraphy. 2015 , 18, 893-7	11
1228	Sleep state classification using pressure sensor mats. 2015 , 2015, 1207-10	3
1227	Activity tracking and indoor positioning with a wearable magnet. 2015 ,	2
1226	Practical considerations in using accelerometers to assess physical activity, sedentary behavior, and sleep. 2015 , 1, 275-284	61
1225	An examination of the association between chronic sleep restriction and electrocortical arousal in college students. 2015 , 126, 549-57	11
1224	Coffee-Related Insomnia. 2015 , 457-464	
1223	Sleep deficits in the High Arctic summer in relation to light exposure and behaviour: use of melatonin as a countermeasure. 2015 , 16, 406-13	13
1222	Actigraphic assessment of sleep/wake behavior in central disorders of hypersomnolence. 2015 , 16, 126-30	37
1221	Sleep and the endogenous melatonin rhythm of high arctic residents during the summer and winter. 2015 , 141, 199-206	23
1220	Polysomnographic and actigraphic characteristics of patients with H1N1-vaccine-related and sporadic narcolepsy. 2015 , 16, 39-44	13
1219	Systematic review of sleep disorders in cancer patients: can the prevalence of sleep disorders be ascertained?. 2015 , 4, 183-200	76
1218	The effect of antireflux treatment on the frequency of awakenings from sleep in patients with Gastroesophageal reflux disease. 2015 , 27, 237-45	11

1217	Assessing sleep using hip and wrist actigraphy. 2015 , 13, 172-180	78
1216	Bed posture classification based on artificial neural network using fuzzy c-means and latent semantic analysis. 2015 , 38, 415-425	7
1215	Emerging information technologies for enhanced healthcare. 2015 , 69, 3-11	87
1214	Methodology for the Assessment of Sleep. 2015 , 65-90	
1213	Multisite accelerometry for sleep and wake classification in children. 2015 , 36, 133-47	7
1212	Comparison of actigraphy immobility rules with polysomnographic sleep onset latency in children and adolescents. 2015 , 19, 1415-23	24
1211	Video based actigraphy and breathing monitoring from the bedside table of shared beds. 2015 , 6, 107-120	7
1210	A comparison of actigraphy and sleep diaries for infants' sleep behavior. 2015 , 6, 19	15
1209	Circadian rhythms measured by actigraphy during oncological treatments: a systematic review. 2015 , 46, 329-348	5
1208	Elektrophysiologische Methoden zur Erfassung der Wachheitsregulation und Vigilanz. 2015 , 37, 79-90	0
1207	Associations of the 24-h activity rhythm and sleep with cognition: a population-based study of middle-aged and elderly persons. 2015 , 16, 850-5	28
1206	Hippocampal activity mediates the relationship between circadian activity rhythms and memory in older adults. 2015 , 75, 617-25	18
1205	Flexible thermoelectric materials and device optimization for wearable energy harvesting. 2015 , 3, 10362-10374	12
1204	Lifestyle factors associated with cognitive functioning in breast cancer survivors. 2015 , 24, 669-75	28
1203	Sleep and 24-h activity rhythms in relation to cortisol change after a very low-dose of dexamethasone. 2015 , 53, 207-16	10
1202	Circadian disruption and biomarkers of tumor progression in breast cancer patients awaiting surgery. 2015 , 48, 102-14	39
1201	Circadian rest-activity rhythms predict future increases in depressive symptoms among community-dwelling older men. 2015 , 23, 495-505	29
1200	Actigraphic-measured sleep disturbance predicts increased positive symptoms in adolescents at ultra high-risk for psychosis: A longitudinal study. 2015 , 164, 15-20	59

1199	Crosstalk between sleep disturbances and cancer survival. 2015 , 16, 315-6	3
1198	The emerging field of mobile health. 2015 , 7, 283rv3	394
1197	Validation of an innovative method, based on tilt sensing, for the assessment of activity and body position. 2015 , 32, 701-10	11
1196	Effects of quetiapine treatment on cocaine self-administration and behavioral indices of sleep in adult rhesus monkeys. 2015 , 232, 411-20	9
1195	Sleep, circadian rhythms, and the pathogenesis of Alzheimer disease. 2015 , 47, e148	271
1194	Insomnia symptoms and actigraph-estimated sleep characteristics in a nationally representative sample of older adults. 2015 , 70, 185-92	32
1193	24-HOUR ACTIVITY RHYTHM AND SLEEP DISTURBANCES IN DEPRESSION AND ANXIETY: A POPULATION-BASED STUDY OF MIDDLE-AGED AND OLDER PERSONS. 2015 , 32, 684-92	46
1192	Screening and evaluation tools for sleep disorders in older adults. 2015 , 28, 334-40	26
1191	Disorders of Sleep and Circadian Rhythms in Parkinson's Disease. 2015 ,	4
1190	Wrist Actigraphy: A Simple Way to Record Motor Activity in Elderly Patients with Dementia and Apathy or Aberrant Motor Behavior. 2015 , 19, 759-64	21
1189	Pain and sleep in post-concussion/mild traumatic brain injury. 2015 , 156 Suppl 1, S75-S85	52
1188	Sleeping with the enemy: sleep and quality of life in patients with lung cancer. 2015 , 38, 60-70	23
1187	Sleep quality but not sleep quantity effects on cortisol responses to acute psychosocial stress. 2015 , 18, 638-44	71
1186	Association of Urinary 6-Sulfatoxymelatonin (aMT6s) Levels and Objective and Subjective Sleep Measures in Older Men: The MrOS Sleep Study. 2015 , 70, 1569-77	9
1185	The SBSM Guide to Actigraphy Monitoring: Clinical and Research Applications. 2015 , 13 Suppl 1, S4-S38	254
1184	What Engineering Technology Could Do for Quality of Life in Parkinson's Disease: A Review of Current Needs and Opportunities. 2015 , 19, 1862-72	48
1183	Sleep Architecture and Mental Health Among Community-Dwelling Older Men. 2015 , 70, 673-81	19
1182	Sleep in adolescent depression: physiological perspectives. 2015 , 213, 758-77	21

1181	Objective sleep of older primiparous Japanese women during the first 4 months postpartum: an actigraphic study. 2015 , 21 Suppl 1, 2-9	5
1180	Infant sleep development from 3 to 6 months postpartum: links with maternal sleep and paternal involvement. 2015 , 80, 107-24	72
1179	Maternal stress and psychological status and sleep in minority preschool children. 2015 , 32, 101-11	25
1178	Associations between sleep disturbance, cognitive functioning and work disability in Bipolar Disorder. 2015 , 230, 567-74	29
1177	Light treatment improves sleep quality and negative affectiveness in high arctic residents during winter. 2015 , 91, 567-73	7
1176	Fighting fire and fatigue: sleep quantity and quality during multi-day wildfire suppression. 2016 , 59, 932-40	35
1175	Evaluation of a consumer fitness-tracking device to assess sleep in adults. 2015 , 32, 1024-8	78
1174	Maternal and infant activity: Analytic approaches for the study of circadian rhythm. 2015 , 41, 80-7	13
1173	Circadian rhythm mediates the relationship between physical activity and quality of life in younger and older cancer survivors. 2015 , 32, 1417-26	4
1172	Impact of Melatonin on Sleep and Pain After Total Knee Arthroplasty Under Regional Anesthesia With Sedation: A Double-Blind, Randomized, Placebo-Controlled Pilot Study. 2015 , 30, 2370-5	12
1171	Phenotypic and Molecular Evidence Suggests That Decrements in Morning and Evening Energy Are Distinct but Related Symptoms. 2015 , 50, 599-614.e3	24
1170	Latent activity rhythm disturbance sub-groups and longitudinal change in depression symptoms among older men. 2015 , 32, 1427-37	23
1169	Sleep/wake behaviour of endurance cyclists before and during competition. 2015 , 33, 293-9	59
1168	Association between objectively measured sleep quality and physical function among community-dwelling oldest old Japanese: A cross-sectional study. 2015 , 15, 1040-8	21
1167	Circadian rest/activity rhythms in knee osteoarthritis with insomnia: a study of osteoarthritis patients and pain-free controls with insomnia or normal sleep. 2015 , 32, 242-7	5
1166	Naps are associated more commonly with gastroesophageal reflux, compared with nocturnal sleep. 2015 , 13, 94-9	9
1165	Actigraphy and Sleep Diary Measurements in Breast Cancer Survivors: Discrepancy in Selected Sleep Parameters. 2015 , 13, 472-90	28
1164	Data Mining in Clinical Medicine. 2015 ,	4

1163	Circadian Activity Rhythms and Sleep in Nurses Working Fixed 8-hr Shifts. 2015 , 17, 348-55	16
1162	Why sleep is important for health: a psychoneuroimmunology perspective. 2015 , 66, 143-72	507
1161	Performance of a Portable Sleep Monitoring Device in Individuals with High Versus Low Sleep Efficiency. 2016 , 12, 95-103	14
1160	Effect of Melatonin on Sleep in the Perioperative Period after Breast Cancer Surgery: A Randomized, Double-Blind, Placebo-Controlled Trial. 2016 , 12, 225-33	24
1159	Daily life activity in patients with left ventricular assist devices. 2016 , 39, 22-7	14
1158	Defining the rest interval associated with the main sleep period in actigraph scoring. 2016 , 8, 321-328	36
1157	Mood Influences the Concordance of Subjective and Objective Measures of Sleep Duration in Older Adults. 2016 , 8, 181	25
1156	Sleep in a Gymnasium: A Study to Examine the Psychophysiological and Environmental Conditions in Shelter-Analogue Settings. 2016 , 13,	3
1155	Efficacy and mechanisms of behavioral therapy components for insomnia coexisting with chronic obstructive pulmonary disease: study protocol for a randomized controlled trial. 2016 , 17, 258	4
1154	Health Outcomes of Information System Use Lifestyles among Adolescents: Videogame Addiction, Sleep Curtailment and Cardio-Metabolic Deficiencies. 2016 , 11, e0154764	53
1153	Exploration of Circadian Rhythms in Patients with Bilateral Vestibular Loss. 2016 , 11, e0155067	22
1152	Sleep, Fatigue and Quality of Life: A Comparative Analysis among Night Shift Workers with and without Children. 2016 , 11, e0158580	7
1151	The Impact of Melatonin in Research. 2016 , 21, 240	9
1150	Intelligent Mobile, Wearable, and Ambient Technologies for Behavioral Health Care. 2016 , 137-162	9
1149	Actigraphy- and Polysomnography-Measured Sleep Disturbances, Inflammation, and Mortality Among Older Men. 2016 , 78, 686-96	50
1148	Impact of Media Use on Adolescent Sleep Efficiency. 2016 , 37, 9-14	56
1147	Temporal associations between arousal and body/limb movement in children with suspected obstructed sleep apnoea. 2016 , 37, 115-27	3
1146	Improved vigilance after sodium oxybate treatment in narcolepsy: a comparison between in-field and in-laboratory measurements. 2016 , 25, 486-96	12

1145	Concordance of actigraphy with polysomnography in children with and without attention-deficit/hyperactivity disorder. 2016 , 25, 524-533		10
1144	Genetic Susceptibility and Sleep Disturbance in Black Mothers of Preterm Infants: An Exploratory Study. 2016 , 2, 237796081664332		1
1143	Actigraphic and Sleep Diary Measures in Veterans With Traumatic Brain Injury: Discrepancy in Selected Sleep Parameters. 2016 , 31, 136-46		10
1142	A novel actigraphy data analysis tool and its application to identifying the optimal threshold value in three subject populations. 2016 , 37, N49-61		2
1141	Concordance of Actigraphy With Polysomnography in Traumatic Brain Injury Neurorehabilitation Admissions. 2016 , 31, 117-25		29
1140	Multi-input adaptive notch filter and observer for circadian phase estimation. 2016 , 30, 1375-1388		3
1139	Night-time sleep in Parkinson's disease - the potential use of Parkinson's KinetiGraph: a prospective comparative study. 2016 , 23, 1275-88		27
1138	The relationship between fatigability and sleep quality in people with multiple sclerosis. 2016 , 2, 2055217316682774		27
1137	SleepExplorer: a visualization tool to make sense of correlations between personal sleep data and contextual factors. 2016 , 20, 985-1000		35
1136	Bright light therapy in pregnant women with major depressive disorder: study protocol for a randomized, double-blind, controlled clinical trial. 2016 , 16, 381		17
1135	Insomnia Patients With Objective Short Sleep Duration Have a Blunted Response to Cognitive Behavioral Therapy for Insomnia. <i>Sleep</i> , 2017 , 40,	1.1	32
1134	SleepCoacher. 2016 ,		38
1133	ubiSleep: An ubiquitous sensor system for sleep monitoring. 2016 ,		8
1132	Pilot Results from a Randomized Trial in Men Comparing Alpha-Adrenergic Antagonist versus Behavior and Exercise for Nocturia and Sleep. 2016 ,		14
1131	Sleep, Sleep Disorders, and Mild Traumatic Brain Injury. What We Know and What We Need to Know: Findings from a National Working Group. 2016 , 13, 403-17		86
1130	Implementation of Actigraphy in Acute Traumatic Brain Injury (TBI) Neurorehabilitation Admissions: A Veterans Administration TBI Model Systems Feasibility Study. 2016 , 8, 1046-1054		12
1129	I sleep with my Mind's eye open: Cognitive arousal and overgeneralization underpin the misperception of sleep. 2016 , 52, 157-165		14
1128	Subjective insomnia is associated with low sleep efficiency and fatigue in middle-aged women. 2016 , 19, 369-74		14

1127	Assessment of sleep quality post-hospital discharge in survivors of critical illness. 2016 , 114, 97-102	24
1126	Psychosocial resources and sleep disturbance before chemotherapy for gynecologic cancer. 2016 , 34, 60-76	7
1125	Diurnal changes in core body temperature, day/night locomotor activity patterns, and actigraphy-generated behavioral sleep in aged canines with varying levels of cognitive dysfunction. 2016 , 1, 8-18	6
1124	Inter-device reliability of an automatic-scoring actigraph for measuring sleep in healthy adults. 2016 , 9, 198-201	27
1123	Altered sleep-wake patterns in blindness: a combined actigraphy and psychometric study. 2016 , 24, 100-108	9
1122	Sleep patterns among shift-working flight controllers of the International Space Station: an observational study on the JAXA Flight Control Team. 2016 , 35, 19	11
1121	Actigraphy of Wrist and Ankle for Measuring Sleep Duration in Altitude Travelers. 2016 , 17, 194-202	6
1120	Late-Life Depression: A Role for Accelerometer Technology in Diagnosis and Management. 2016 , 173, 763-8	16
1119	The influence of sleep on emotional and cognitive processing is primarily trait- (but not state-) dependent. 2016 , 134 Pt B, 275-86	15
1118	Adverse effects of community noise as a public health issue. 2016 , 14, 223-229	4
1117	Substance use associated with short sleep duration in patients with schizophrenia or schizoaffective disorder. 2016 , 171, 525-33	2
1116	Therapeutic effects of dog visits in nursing homes for the elderly. 2016 , 16, 289-97	43
1115	Short Blue Light Pulses (30 Min) in the Morning Support a Sleep-Advancing Protocol in a Home Setting. 2016 , 31, 483-97	38
1114	Day-to-day relations between stress and sleep and the mediating role of perseverative cognition. 2016 , 24, 71-79	18
1113	Relearn Faster and Retain Longer. 2016 , 27, 1321-1330	16
1112	What is segmented sleep? Actigraphy field validation for daytime sleep and nighttime wake. 2016 , 2, 341-347	18
1111	The relationship between sleep quality and perceived fatigue measured using the Neurological Fatigue Index in people with Multiple Sclerosis. 2016 , 38, 943-949	7
1110	Menopausal Hot Flashes and Carotid Intima Media Thickness Among Midlife Women. 2016 , 47, 2910-2915	45

1109	Waking up in the zone with Sleep Cycle. 2016 , 50, 1419-1420		
1108	The impact of napping on memory for future-relevant stimuli: Prioritization among multiple salience cues. 2016 , 130, 281-9		23
1107	Sleep Assessment in Large Cohort Studies with High-Resolution Accelerometers. 2016 , 11, 469-488		10
1106	Circadian Rest-Activity Rhythm in Pediatric Type 1 Narcolepsy. <i>Sleep</i> , 2016 , 39, 1241-7	1.1	22
1105	Developing Biomarker Arrays Predicting Sleep and Circadian-Coupled Risks to Health. <i>Sleep</i> , 2016 , 39, 727-36	1.1	59
1104	Sleep among bereaved caregivers of patients admitted to hospice: a 1-year longitudinal pilot study. 2016 , 6, e009345		10
1103	Effects of Wind Turbine Noise on Self-Reported and Objective Measures of Sleep. <i>Sleep</i> , 2016 , 39, 97-109.1		48
1102	Cognitive Performance, Sleepiness, and Mood in Partially Sleep Deprived Adolescents: The Need for Sleep Study. <i>Sleep</i> , 2016 , 39, 687-98	1.1	175
1101	Validation of Actigraphy in Middle Childhood. <i>Sleep</i> , 2016 , 39, 1219-24	1.1	49
1100	Sleep Quantity and Quality during Acute Concussion: A Pilot Study. <i>Sleep</i> , 2016 , 39, 2141-2147	1.1	28
1099	Circadian rest-activity rhythms during benzodiazepine tapering covered by melatonin versus placebo add-on: data derived from a randomized clinical trial. 2016 , 16, 348		14
1098	Sleep Enhancement Training for Pregnant Women. 2016 , 128, 964-971		23
1097	Pilot Study of Massage to Improve Sleep and Fatigue in Hospitalized Adolescents With Cancer. 2016 , 63, 880-6		26
1096	Integrating nap and night-time sleep into sleep patterns reveals differential links to health-relevant outcomes. 2016 , 25, 225-33		16
1095	Assessing sleep architecture and continuity measures through the analysis of heart rate and wrist movement recordings in healthy subjects: comparison with results based on polysomnography. 2016 , 21, 47-56		30
1094	Nonpharmacologic Activity Interventions to Prevent Alzheimer's Disease. 2016 , 589-604		
1093	Aberrant nocturnal cortisol and disease progression in women with breast cancer. 2016 , 158, 43-50		13
1092	Mood and motor activity in euthymic bipolar disorder with sleep disturbance. 2016 , 202, 23-31		19

1091	'nparACT' package for R: A free software tool for the non-parametric analysis of actigraphy data. 2016 , 3, 430-5	51
1090	Objective and subjective measurement of sleep disturbance in female trauma survivors with posttraumatic stress disorder. 2016 , 240, 234-240	32
1089	Criteria for nap identification in infants and young children using 24-h actigraphy and agreement with parental diary. 2016 , 19, 85-92	26
1088	Arabian Oryx (<i>Oryx leucoryx</i>) Respond to Increased Ambient Temperatures with a Seasonal Shift in the Timing of Their Daily Inactivity Patterns. 2016 , 31, 365-74	14
1087	Relevance of internal time and circadian robustness for cancer patients. 2016 , 16, 285	30
1086	Cost-effectiveness of i-Sleep, a guided online CBT intervention, for patients with insomnia in general practice: protocol of a pragmatic randomized controlled trial. 2016 , 16, 85	24
1085	Feasibility of a stepped wedge cluster RCT and concurrent observational sub-study to evaluate the effects of modified ward night lighting on inpatient fall rates and sleep quality: a protocol for a pilot trial. 2016 , 2, 1	24
1084	Rhythm and amplitude of rhythmic masticatory muscle activity during sleep in bruxers - comparison with gum chewing. 2016 , 34, 234-41	10
1083	Actigraphic sleep fragmentation, efficiency and duration associate with dietary intake in the Rotterdam Study. 2016 , 25, 404-11	19
1082	Comparative analysis of actigraphy performance in healthy young subjects. 2016 , 9, 272-279	24
1081	A Review of Ambulatory Health Data Collection Methods for Employee Experience Sampling Research. 2016 , 65, 322-354	17
1080	The physical sacrifice of thinking: Investigating the relationship between thinking and physical activity in everyday life. 2016 , 21, 1750-7	2
1079	Sleep patterns and injury occurrence in elite Australian footballers. 2016 , 19, 113-6	33
1078	Beyond the mean: A systematic review on the correlates of daily intraindividual variability of sleep/wake patterns. 2016 , 28, 108-24	174
1077	Validity and reliability of sleep time questionnaires in children and adolescents: A systematic review and meta-analysis. 2016 , 30, 85-96	55
1076	Daily Actigraphy Profiles Distinguish Depressive and Interepisode States in Bipolar Disorder. 2016 , 4, 641-650	30
1075	Parental Involvement in Infant Sleep Routines Predicts Differential Sleep Patterns in Children With and Without Anxiety Disorders. 2016 , 47, 636-46	3
1074	Associations between firefighters' physical activity across multiple shifts of wildfire suppression. 2016 , 59, 924-31	17

1073	Comparison of Self-Reported Sleep Duration With Actigraphy: Results From the Hispanic Community Health Study/Study of Latinos Sueñ Ancillary Study. 2016 , 183, 561-73	140
1072	Pediatric Insomnia. 2016 , 149, 1332-9	18
1071	Sleep duration and health among older adults: associations vary by how sleep is measured. 2016 , 70, 361-6	21
1070	Idiopathic Hypersomnia and Hypersomnolence Disorder: A Systematic Review of the Literature. 2016 , 57, 152-64	21
1069	Measures of Sleep-Wake Patterns and Risk of Mild Cognitive Impairment or Dementia in Older Women. 2016 , 24, 248-58	65
1068	The impact of sleep restriction on daytime movement in typically developing children. 2016 , 8, 53-8	5
1067	Nighttime BP in Elderly Individuals with Prediabetes/Diabetes with and without CKD: The HEIJO-KYO Study. 2016 , 11, 867-74	3
1066	How many days of monitoring are needed to reliably assess SenseWear Armband outcomes in primary school-aged children?. 2016 , 19, 999-1003	14
1065	Measures of sleep and cardiac functioning during sleep using a multi-sensory commercially-available wristband in adolescents. 2016 , 158, 143-9	135
1064	The relationship between physical activity and sleep from mid adolescence to early adulthood. A systematic review of methodological approaches and meta-analysis. 2016 , 28, 32-45	95
1063	A systematic review of sleep disturbance in anxiety and related disorders. 2016 , 37, 104-29	159
1062	The effect of melatonin on sleep and quality of life in patients with advanced breast cancer. 2016 , 24, 1097-105	60
1061	Sleep Hunter: Towards Fine Grained Sleep Stage Tracking with Smartphones. 2016 , 15, 1514-1527	43
1060	Alterations in Daytime and Nighttime Activity in Piglets after Focal and Diffuse Brain Injury. 2016 , 33, 734-40	11
1059	Real-time automated EEG tracking of brain states using neural field theory. 2016 , 258, 28-45	15
1058	Effects of aerobic exercise in early evening on the following nocturnal sleep and its haemodynamic response. 2016 , 24, 16-29	3
1057	Living Labs: overview of ecological approaches for health promotion and rehabilitation. 2016 , 38, 613-9	15
1056	Objective and subjective sleep during pregnancy: links with depressive and anxiety symptoms. 2016 , 19, 173-81	44

1055	Wearable Monitoring of Physical Functioning and Disability Changes, Circadian Rhythms and Sleep Patterns in Nursing Home Residents. 2016 , 20, 856-864	25
1054	Are cognitive "insomnia" processes involved in the development and maintenance of delayed sleep wake phase disorder?. 2016 , 26, 1-8	25
1053	Person-Centered Dementia Care and Sleep in Assisted Living Residents With Dementia: A Pilot Study. 2017 , 15, 97-113	16
1052	Rest-activity patterns and falls and fractures in older men. 2017 , 28, 1313-1322	11
1051	A systematic review of circadian function, chronotype and chronotherapy in attention deficit hyperactivity disorder. 2017 , 9, 129-147	85
1050	Sleep disruption and duration in late pregnancy is associated with excess gestational weight gain among overweight and obese women. 2017 , 44, 173-180	28
1049	Effects of donepezil on sleep disturbances in patients with dementia with Lewy bodies: An open-label study with actigraphy. 2017 , 251, 312-318	15
1048	Adolescents at clinical-high risk for psychosis: Circadian rhythm disturbances predict worsened prognosis at 1-year follow-up. 2017 , 189, 37-42	41
1047	Hypersomnolence, Hypersomnia, and Mood Disorders. 2017 , 19, 13	39
1046	Young children with Down syndrome show normal development of circadian rhythms, but poor sleep efficiency: a cross-sectional study across the first 60 months of life. 2017 , 33, 134-144	17
1045	Activity patterns in seven captive lemur species: Evidence of cathemerality in Varecia and Lemur catta?. 2017 , 79, e22648	9
1044	Depressive Symptoms and Sleep Efficiency Sequentially Mediate Racial Differences in Temporal Summation of Mechanical Pain. 2017 , 51, 673-682	13
1043	The homeostatic and circadian sleep recovery responses after total sleep deprivation in mice. 2017 , 26, 531-538	19
1042	Activity rhythms and clinical correlates in fibromyalgia. 2017 , 158, 1417-1429	4
1041	Sleep in Studio Based Courses: Outcomes for Creativity Task Performance. 2017 , 42, 5-27	7
1040	An evaluation of wearable sensors and their placements for analyzing construction worker's trunk posture in laboratory conditions. 2017 , 65, 424-436	33
1039	Subjective and objective sleep quality modulate emotion regulatory brain function in anxiety and depression. 2017 , 34, 651-660	46
1038	Sleep-wake rhythm disturbances and perceived sleep in adolescent chronic fatigue syndrome. 2017 , 26, 595-601	13

1037	Evaluation and Management of Circadian Rhythm Sleep Disorders. 2017 , 1059-1067		
1036	Poor habitual sleep efficiency is associated with increased cardiovascular and cortisol stress reactivity in men. 2017 , 81, 151-156		30
1035	Agreement between sleep diary and actigraphy in a highly educated Brazilian population. 2017 , 35, 27-34		36
1034	Reliability and validity of the Pittsburgh Sleep Quality Index in breast cancer patients. 2017 , 25, 3059-3066		26
1033	Actigraphic Sleep Duration and Fragmentation in Older Women: Associations With Performance Across Cognitive Domains. <i>Sleep</i> , 2017 , 40,	1.1	30
1032	Circadian Rhythms in AD pathogenesis: A Critical Appraisal. 2017 , 3, 85-92		19
1031	Association Between Inpatient Sleep Loss and Hyperglycemia of Hospitalization. 2017 , 40, 188-193		25
1030	Discordant sleep parameters among actigraphy, polysomnography, and perceived sleep in patients with sleep-disordered breathing in comparison with patients with chronic insomnia disorder. 2017 , 21, 837-843		9
1029	Validation of Photoplethysmography-Based Sleep Staging Compared With Polysomnography in Healthy Middle-Aged Adults. <i>Sleep</i> , 2017 , 40,	1.1	67
1028	Persistent Fatigue in Hematopoietic Stem Cell Transplantation Survivors. 2017 , 40, 174-183		15
1027	Negative effects of restricted sleep on facial appearance and social appeal. 2017 , 4, 160918		16
1026	Sleep Characteristics and Carotid Atherosclerosis Among Midlife Women. <i>Sleep</i> , 2017 , 40,	1.1	33
1025	Sleep Disturbances and Risk of Hospitalization and Inpatient Days Among Older Women. <i>Sleep</i> , 2017 , 40,	1.1	5
1024	Objectively measured short sleep duration and later sleep midpoint in pregnancy are associated with a higher risk of gestational diabetes. 2017 , 217, 447.e1-447.e13		90
1023	Advanced phases and reduced amplitudes are suggested to characterize the daily rest-activity cycles in depressed adolescent boys. 2017 , 34, 967-976		10
1022	Depression and Hypersomnia: A Complex Association. 2017 , 12, 395-405		23
1021	Externalizing Behaviors and Callous-Unemotional Traits: Different Associations With Sleep Quality. <i>Sleep</i> , 2017 , 40,	1.1	11
1020	Motor-Activity Markers of Circadian Timekeeping Are Related to Ketamine's Rapid Antidepressant Properties. 2017 , 82, 361-369		54

1019	Sleep duration is associated with increased risk for cardiovascular outcomes: a pilot study in a sample of community dwelling adults in Ghana. 2017 , 34, 118-125		6
1018	Actigraphic sleep measures and diet quality in the Hispanic Community Health Study/Study of Latinos Sueê ancillary study. 2017 , 26, 739-746		27
1017	Sleep disturbances in obsessive-compulsive disorder: Association with non-response to repetitive transcranial magnetic stimulation (rTMS). 2017 , 49, 31-39		30
1016	Exercise, sleep and cancer-related fatigue: Are they related?. 2017 , 47, 111-122		27
1015	Sleep and Alertness in Medical Interns and Residents: An Observational Study on the Role of Extended Shifts. <i>Sleep</i> , 2017 , 40,	1.1	41
1014	Sleep During Pregnancy: The nuMoM2b Pregnancy and Sleep Duration and Continuity Study. <i>Sleep</i> , 2017 , 40,	1.1	40
1013	Estimating sleep time from non-EEG-based PSG signals in the diagnosis of sleep-disordered breathing. 2017 , 21, 657-666		0
1012	Systems Chronotherapeutics. 2017 , 69, 161-199		165
1011	Psychological Outcomes in Parents of Critically Ill Hospitalized Children. 2017 , 34, 36-43		56
1010	Cross-Validation of Two Accelerometers for Assessment of Physical Activity and Sedentary Time in Preschool Children. 2017 , 29, 268-277		4
1009	Sleep Patterns and Neuropsychiatric Symptoms in Hospitalized Patients With Dementia. 2017 , 29, 248-253		6
1008	A good sleep for a fresh mind in patients with acute traumatic brain injury. 2017 , 88, 226-227		4
1007	A novel approach using actigraphy to quantify the level of disruption of sleep by in-home polysomnography: the MrOS Sleep Study: Sleep disruption by polysomnography. 2017 , 32, 97-104		15
1006	Sleep in women undergoing in vitro fertilization: a pilot study. 2017 , 32, 105-113		16
1005	Assessment of functional capacity and sleep quality of patients with chronic heart failure. 2017 , 36, 17-24		7
1004	Seasonal effects on the sleep-wake cycle, the rest-activity rhythm and quality of life for Japanese and Thai older people. 2017 , 34, 1377-1387		12
1003	Circadian Sleep-Wake Activity Patterns During Aging. 2017 , 305-321		0
1002	Rhesus macaques () displaying self-injurious behavior show more sleep disruption than controls. 2017 , 197, 62-67		6

1001	Estimation of sleep stages in a healthy adult population from optical plethysmography and accelerometer signals. 2017 , 38, 1968-1979	84
1000	Sleep and Olfaction among Older Adults. 2017 , 48, 147-154	7
999	Sleep research goes wild: new methods and approaches to investigate the ecology, evolution and functions of sleep. 2017 , 372,	89
998	Baseline Levels of Rapid Eye Movement Sleep May Protect Against Excessive Activity in Fear-Related Neural Circuitry. 2017 , 37, 11233-11244	14
997	Harnessing the Web for Population-Scale Physiological Sensing. 2017 ,	32
996	Circadian Computing: Sensing, Modeling, and Maintaining Biological Rhythms. 2017 , 35-58	7
995	Sleep Disturbance, Cognitive Decline, and Dementia: A Review. 2017 , 37, 395-406	84
994	The circadian typology: the role of physical activity and melatonin. 2017 , 13, 469-476	21
993	The evolution of human sleep: Technological and cultural innovation associated with sleep-wake regulation among Hadza hunter-gatherers. 2017 , 113, 91-102	14
992	The Relationship Between Apolipoprotein B Carrier Status and Sleep Characteristics in Cognitively Normal Older Adults. 2017 , 30, 273-279	5
991	Mindfulness-Based Interventions and Sleep Among Cancer Survivors: a Critical Analysis of Randomized Controlled Trials. 2017 , 19, 60	5
990	The Relationship Between Sleep Duration and Glycemic Control Among Hispanic Adults With Uncontrolled Type 2 Diabetes. 2017 , 43, 519-529	4
989	Performance comparison between wrist and chest actigraphy in combination with heart rate variability for sleep classification. 2017 , 89, 212-221	24
988	Actigraphy in Patients With Major Depressive Disorder Undergoing Repetitive Transcranial Magnetic Stimulation: An Open Label Pilot Study. 2017 , 33, 36-42	7
987	Rest-activity circadian rhythms and bone mineral density in elderly men. 2017 , 7, 156-163	6
986	Sleep Quantity and Quality of Ontario Wildland Firefighters Across a Low-Hazard Fire Season. 2017 , 59, 1188-1196	21
985	Rail worker fatigue: Identification, management and countermeasures. 2017 , 231, 1098-1106	1
984	A novel smart lighting clinical testbed. 2017 , 2017, 4317-4320	2

983	Classification of Rest and Active Periods in Actigraphy Data Using PCA. 2017 , 114, 275-280	6
982	Sleep patterns in a randomized controlled trial of auricular acupuncture and cognitive behavioral therapy for insomnia. 2017 , 28, 220-226	7
981	Child Abuse and Neglect and Subclinical Cardiovascular Disease Among Midlife Women. 2017 , 79, 441-449	20
980	Relationship between subjective and actigraphy-measured sleep in 237 patients with metastatic colorectal cancer. 2017 , 26, 2783-2791	16
979	Feasibility of Continuous Actigraphy in Patients in a Medical Intensive Care Unit. 2017 , 26, 329-335	30
978	Automatic Tracking of Behavior With Smartphones: Potential for Behavior Change Interventions. 2017 , 137-165	7
977	Rhythm-centred music making in community living elderly: a randomized pilot study. 2017 , 17, 311	13
976	Fatigue mitigation with SleepTrackTXT2 in air medical emergency care systems: study protocol for a randomized controlled trial. 2017 , 18, 254	2
975	Attenuation of short wavelengths alters sleep and the ipRGC pupil response. 2017 , 37, 440-450	34
974	Temporal and bidirectional associations between physical activity and sleep in primary school-aged children. 2017 , 42, 238-242	26
973	Monitoring of rest-activity rhythm in cancer patients paves the way for the adoption of patient-specific chronotherapeutic approach. 2017 , 48, 189-205	11
972	Don't sleep on it: Less sleep reduces risk for depressive symptoms in cognitively vulnerable undergraduates. 2017 , 113, 925-938	4
971	An actigraphy study investigating sleep in bipolar I patients, unaffected siblings and controls. 2017 , 208, 248-254	10
970	Psychometric properties of the Sleep Condition Indicator and Insomnia Severity Index in the evaluation of insomnia disorder. 2017 , 33, 76-81	40
969	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. 2017 , 36, 1558-1566	27
968	Sleep Health: Reciprocal Regulation of Sleep and Innate Immunity. 2017 , 42, 129-155	177
967	Linkage of Lower Urinary Tract Symptoms to Sleep Quality in Elderly Men with Nocturia: A Community Based Study Using Home Measured Electroencephalogram Data. 2017 , 197, 204-209	9
966	SleepSense: A Noncontact and Cost-Effective Sleep Monitoring System. 2017 , 11, 189-202	70

965	Protective Effect of Aerobic Physical Activity on Sleep Behavior in Breast Cancer Survivors. 2017 , 16, 21-31	43
964	Environmental and behavioural factors associated with school children's sleep in Aotearoa/New Zealand. 2017 , 53, 68-74	6
963	Multivariate time-series classification of sleep patterns using a hybrid deep learning architecture. 2017 ,	3
962	Variability of activity patterns across mood disorders and time of day. 2017 , 17, 404	22
961	Detecting periodic limb movements in sleep using motion sensor embedded wearable band. 2017 ,	4
960	Use of Clinical Tools and Tests in Sleep Medicine. 2017 , 607-617.e5	1
959	Actigraphy. 2017 , 1671-1678.e4	11
958	Comparison of Wearable Activity Tracker with Actigraphy for Sleep Evaluation and Circadian Rest-Activity Rhythm Measurement in Healthy Young Adults. 2017 , 14, 179-185	55
957	Improving Sleep Quality Assessment Using Wearable Sensors by Including Information From Postural/Sleep Position Changes and Body Acceleration: A Comparison of Chest-Worn Sensors, Wrist Actigraphy, and Polysomnography. 2017 , 13, 1301-1310	30
956	Thermal-Signature-Based Sleep Analysis Sensor. 2017 , 4, 37	5
955	Sensing Technologies for Autism Spectrum Disorder Screening and Intervention. 2016 , 17,	32
954	The Impact of Heat Exposure and Sleep Restriction on Firefighters' Work Performance and Physiology during Simulated Wildfire Suppression. 2017 , 14,	17
953	Novel Tools in Determining the Physiological Demands and Nutritional Practices of Ontario FireRangers during Fire Deployments. 2017 , 12, e0169390	12
952	Inactivity/sleep in two wild free-roaming African elephant matriarchs - Does large body size make elephants the shortest mammalian sleepers?. 2017 , 12, e0171903	53
951	Sleep and cognitive performance of African-Americans and European-Americans before and during circadian misalignment produced by an abrupt 9-h delay in the sleep/wake schedule. 2017 , 12, e0186843	6
950	Expression of interferon-inducible chemokines and sleep/wake changes during early encephalitis in experimental African trypanosomiasis. 2017 , 11, e0005854	12
949	Clinically significant discrepancies between sleep problems assessed by standard clinical tools and actigraphy. 2017 , 17, 253	22
948	Longitudinal assessment of daily activity patterns on weight change after involuntary job loss: the ADAPT study protocol. 2017 , 17, 793	7

947	Circadian Rhythms in Older Adults. 2017 , 1510-1515.e4	2
946	Visualizing Self-Tracked Mobile Sensor and Self-Reflection Data to Help Sleep Clinicians Infer Patterns. 2017 ,	2
945	Insomnia Diagnosis, Assessment, and Evaluation. 2017 , 785-793.e4	12
944	Validity of Research-Grade Actigraphy Unit for Measuring Exercise Intensity. 2017 , 14,	6
943	The association between pain and sleep in fibromyalgia. 2017 , 38, 465-475	28
942	Breaking Up Sitting with Light-Intensity Physical Activity: Implications for Shift-Workers. 2017 , 14,	2
941	Night-to-Night Variability of Sleep in Children With ADHD and Typically Developing Controls. 2018 , 22, 942-946	9
940	Development and Evaluation of a Cognitive Behavioural Intervention for Chronic Post-Stroke Insomnia. 2018 , 46, 641-660	15
939	Technology and Adolescent Mental Health. 2018 ,	1
938	Identifying Symptoms Using Technology. 2018 , 135-153	
937	Moderating effect of β on the relationship between sleep-wake cycle and brain β amyloid. 2018 , 90, e1167-e1173	16
936	No seasonality in cognitive performance among adolescents at a subarctic latitude (69°N). 2018 , 32, 217-224	4
935	The role of eveningness in obsessive-compulsive symptoms: Cross-sectional and prospective approaches. 2018 , 235, 448-455	14
934	Sleep characteristics and inflammatory biomarkers among midlife women. <i>Sleep</i> , 2018 , 41,	1.1 36
933	A comparison of probabilistic classifiers for sleep stage classification. 2018 , 39, 055001	21
932	Brain Monitoring Devices in Neuroscience Clinical Research: The Potential of Remote Monitoring Using Sensors, Wearables, and Mobile Devices. 2018 , 104, 59-71	37
931	Validation of a physical activity accelerometer device worn on the hip and wrist against polysomnography. 2018 , 4, 209-216	45
930	A randomised controlled trial of bright light therapy and morning activity for adolescents and young adults with Delayed Sleep-Wake Phase Disorder. 2018 , 45, 114-123	27

929	Shift work is associated with reduced heart rate variability among men but not women. 2018 , 258, 109-114	11
928	Disturbed sleep and diabetes: A potential nexus of dementia risk. 2018 , 84, 85-93	21
927	Hidden Markov models for monitoring circadian rhythmicity in telemetric activity data. 2018 , 15,	24
926	Modifiable lifestyle behaviors, but not a genetic risk score, associate with metabolic syndrome in evening chronotypes. 2018 , 8, 945	38
925	Subject Recognition Using Wrist-Worn Triaxial Accelerometer Data. 2018 , 574-585	3
924	Sleep Characteristics and Behavioral Problems Among Children of Alcoholics and Controls. 2018 , 42, 603-612	4
923	Insomnia in the Older Adult. 2018 , 13, 13-19	38
922	Sleep disruption among cancer patients following autologous hematopoietic cell transplantation. 2018 , 53, 307-314	10
921	Dynamics and Ultradian Structure of Human Sleep in Real Life. 2018 , 28, 49-59.e5	32
920	Systematic review of smartphone-based passive sensing for health and wellbeing. 2018 , 77, 120-132	142
919	Non-visual effects of light: how to use light to promote circadian entrainment and elicit alertness. 2018 , 50, 38-62	68
918	Wakefulness evaluation during sleep for healthy subjects and OSA patients using a patch-type device. 2018 , 155, 127-138	9
917	Circadian dysfunction and fluctuations in gait initiation impairment in Parkinson's disease. 2018 , 236, 655-664	9
916	Mother-infant sleep patterns and parental functioning of room-sharing and solitary-sleeping families: a longitudinal study from 3 to 18 months. <i>Sleep</i> , 2018 , 41,	1.1 17
915	Actigraphy as an objective intra-individual marker of activity patterns in acute-phase bipolar disorder: a case series. 2018 , 6, 8	11
914	Impact of blue-depleted white light on pupil dynamics, melatonin suppression and subjective alertness following real-world light exposure. 2018 , 2,	4
913	Can Circadian Dysregulation Exacerbate Migraines?. 2018 , 58, 1040-1051	19
912	Validity of Consumer Activity Wristbands and Wearable EEG for Measuring Overall Sleep Parameters and Sleep Structure in Free-Living Conditions.. 2018 , 2, 152-178	43

911	Establishing normal values for pediatric nighttime sleep measured by actigraphy: a systematic review and meta-analysis. <i>Sleep</i> , 2018 , 41,	1.1	86
910	Sleep in wildland firefighters: what do we know and why does it matter?. 2018 , 27, 73		19
909	Sleep and physical activity: a cross-sectional objective profile of people with rheumatoid arthritis. 2018 , 38, 845-853		10
908	The role of pre-sleep cognitions in adolescent sleep-onset problems. 2018 , 46, 117-121		8
907	Characteristics of napping in community-dwelling insomnia patients. 2018 , 45, 49-54		4
906	Psychometric Properties of the Consensus Sleep Diary in Those With Insomnia Disorder. 2018 , 16, 117-134		41
905	Daily Patterns of Accelerometer Activity Predict Changes in Sleep, Cognition, and Mortality in Older Men. 2018 , 73, 682-687		26
904	Combination mode of physiological signals for diagnosis of OSAS using portable monitor. 2018 , 22, 123-129		4
903	Sensor-enabled Activity Class Recognition in Preschoolers: Hip versus Wrist Data. 2018 , 50, 634-641		22
902	Measurements and status of sleep quality in patients with cancers. 2018 , 26, 405-414		46
901	No Effects of Successful Bidirectional SMR Feedback Training on Objective and Subjective Sleep in Healthy Subjects. 2018 , 43, 37-47		3
900	Sleep disturbance in family caregivers of children who depend on medical technology. 2018 , 103, 137-142		14
899	Infant motor activity during sleep: Simultaneous use of two actigraphs comparing right and left legs. 2018 , 57, 357-365		2
898	Objective sleep quality and night-time blood pressure in the general elderly population: a cross-sectional study of the HEIJO-KYO cohort. 2018 , 36, 601-607		7
897	Monitoring athletes' hydration status and sleep patterns during Ramadan observance: methodological and practical considerations. 2018 , 49, 337-365		21
896	Effects of essential oil inhalation on objective and subjective sleep quality in healthy university students. 2018 , 16, 37-44		2
895	Short-term effects of wake- and bright light therapy on sleep in depressed youth. 2018 , 35, 101-110		9
894	Rest-activity circadian rhythm and sleep quality in patients with binge eating disorder. 2018 , 35, 198-207		23

893	Development and validation of an algorithm to temporally align polysomnography and actigraphy data. 2018 , 4, 025014	1
892	Nocturia and increase in nocturnal blood pressure: the Nagahama study. 2018 , 36, 2185-2192	15
891	Home-Based e-Health Platform for Multidimensional Telemonitoring of Symptoms, Body Weight, Sleep, and Circadian Activity: Relevance for Chronomodulated Administration of Irinotecan, Fluorouracil-Leucovorin, and Oxaliplatin at Home-Results From a Pilot Study. 2018 , 2, 1-15	14
890	Development of the individualised Comparative Effectiveness of Models Optimizing Patient Safety and Resident Education (iCOMPARE) trial: a protocol summary of a national cluster-randomised trial of resident duty hour policies in internal medicine. 2018 , 8, e021711	10
889	. 2018 ,	2
888	Research and Development of a Human Step-Counting and Light-Sleep Wake-Up Device for Health Improvement. 2018 ,	
887	Feature Extraction and Similarity of Movement Detection during Sleep, Based on Higher Order Spectra and Entropy of the Actigraphy Signal: Results of the Hispanic Community Health Study/Study of Latinos. 2018 , 18,	5
886	Validation of the Sleep-Wake Scoring of a New Wrist-Worn Sleep Monitoring Device. 2018 , 14, 1057-1062	11
885	Trauma exposure and endothelial function among midlife women. 2018 , 25, 368-374	8
884	Framework for estimating sleep timing from digital footprints. 2018 , 4, 172-177	2
883	Personalized heart failure severity estimates using passive smartphone data. 2018 ,	4
882	A Practical Guide to Analyzing Time-Varying Associations between Physical Activity and Affect Using Multilevel Modeling. 2018 , 2018, 8652034	4
881	The significance of anti-neuronal antibodies for acute psychiatric disorders: a retrospective case-controlled study. 2018 , 19, 68	9
880	Poor Sleep Quality Associates With Decreased Functional and Structural Brain Connectivity in Normative Aging: A MRI Multimodal Approach. 2018 , 10, 375	15
879	Napping and toddlers' memory for fast-mapped words. 2018 , 38, 582-595	5
878	Are 24-hour motor activity patterns associated with continued rapid response to ketamine?. 2018 , 14, 2739-2748	12
877	Sleep Analysis Using Motion and Head Detection. 2018 ,	1
876	Identifying Elderly with Poor Sleep Quality using Unobtrusive In-home Sensors for Early Intervention. 2018 ,	2

875	Impact of a nurse-led sleep programme on the sleep quality and depressive symptomatology among older adults in nursing homes: A non-randomised controlled study. 2019 , 14, e12215	6
874	Delayed Sleep in Winter Related to Natural Daylight Exposure among Arctic Day Workers. 2019 , 1, 105-116	12
873	The effects of time of day and chronotype on cognitive and physical performance in healthy volunteers. 2018 , 4, 47	39
872	Time of day effects on the relationship between daily sleep and anxiety: An ecological momentary assessment approach. 2018 , 111, 44-51	17
871	Shortening day length: a potential risk factor for perinatal depression. 2018 , 41, 690-702	2
870	Does the moon influence sleep in small-scale societies?. 2018 , 4, 509-514	12
869	Motor activity patterns in acute schizophrenia and other psychotic disorders can be differentiated from bipolar mania and unipolar depression. 2018 , 270, 418-425	9
868	Infant co-sleeping patterns and maternal sleep quality among Hadza hunter-gatherers. 2018 , 4, 527-534	13
867	Sleep and fatigue after TBI. 2018 , 43, 307-317	4
866	Levodopa-induced dyskinesia in Parkinson disease: Sleep matters. 2018 , 84, 905-917	11
865	Higher habitual dietary caffeine consumption is related to lower experimental pain sensitivity in a community-based sample. 2018 , 235, 3167-3176	6
864	SleepGuard. 2018 , 2, 1-34	23
863	Validation of minute-to-minute scoring for sleep and wake periods in a consumer wearable device compared to an actigraphy device. 2018 , 2,	9
862	Assessment of Sleep Duration, Sleep Habits, Napping, and Circadian Rhythms in the Patient Complaining of Fatigue. 2018 , 141-150	
861	Objective sleep in pregnant women: a comparison of actigraphy and polysomnography. 2018 , 4, 390-396	6
860	Physiotherapists' and Physiotherapy Students' Perspectives on the Use of Mobile or Wearable Technology in Their Practice. 2018 , 70, 251-261	18
859	Post-stroke insomnia in community-dwelling patients with chronic motor stroke: Physiological evidence and implications for stroke care. 2018 , 8, 8409	21
858	The influence of an afternoon nap on the endurance performance of trained runners. 2018 , 18, 1177-1184	26

857	Sleep in Infants and Children with Prenatal Alcohol Exposure. 2018 , 42, 1390		12
856	Circadian Rhythm Sleep Disorders. 2018 , 169-181		1
855	Sleep and disruptive mood dysregulation disorder: A pilot actigraphy study. 2018 , 25, 303-303		5
854	Blue-Enriched Light Enhances Alertness but Impairs Accurate Performance in Evening Chronotypes Driving in the Morning. 2018 , 9, 688		12
853	Weekly sleep trajectories and their associations with obesity and hypertension in the Hispanic/Latino population. <i>Sleep</i> , 2018 , 41,	1.1	4
852	WHO Environmental Noise Guidelines for the European Region: A Systematic Review on Environmental Noise and Effects on Sleep. 2018 , 15,		219
851	A non-inferiority randomized controlled trial comparing a home-based aerobic exercise program to a self-administered cognitive-behavioral therapy for insomnia in cancer patients. <i>Sleep</i> , 2018 , 41,	1.1	11
850	High similarity between EEG from subcutaneous and proximate scalp electrodes in patients with temporal lobe epilepsy. 2018 , 120, 1451-1460		23
849	Sleep stage detection using a wristwatch-type physiological sensing device. 2018 , 16, 449-456		6
848	A Pilot Study to Determine the Consistency of Simultaneous Sleep Actigraphy Measurements Comparing All Four Limbs of Patients with Parkinson Disease. 2017 , 3,		12
847	Empirical Examinations of Effects of Three-Level Green Exercise on Engagement with Nature and Physical Activity. 2018 , 15,		7
846	Meal rich in rapeseed oil increases 24-h fat oxidation more than meal rich in palm oil. 2018 , 13, e0198858		7
845	Insulin Resistance, Hyperinsulinemia, and LH: Relative Roles in Peripubertal Obesity-Associated Hyperandrogenemia. 2018 , 103, 2571-2582		8
844	Effects of binge alcohol consumption on sleep and inflammation in healthy volunteers. 2018 , 46, 3938-3947		2
843	Sleep Disturbances in Child and Adolescent Mental Health Disorders: A Review of the Variability of Objective Sleep Markers. 2018 , 6,		25
842	Hospitalization-induced exacerbation of the ill effects of chemotherapy on rest-activity rhythm and quality of life of breast cancer patients: a prospective and comparative cross-sectional follow-up study. 2018 , 35, 1513-1532		10
841	Reduced insulin sensitivity is correlated with impaired sleep in adolescents with cystic fibrosis. 2018 , 19, 1183-1190		2
840	The association between mood state and chronobiological characteristics in bipolar I disorder: a naturalistic, variable cluster analysis-based study. 2018 , 6, 5		8

839	Melatonin and Sleep in Preventing Hospitalized Delirium: A Randomized Clinical Trial. 2018 , 131, 1110-1117.e429	
838	Efficacy of melatonin for sleep disturbance following traumatic brain injury: a randomised controlled trial. 2018 , 16, 8	61
837	Viewpoint and practical recommendations from a movement disorder specialist panel on objective measurement in the clinical management of Parkinson's disease. 2018 , 4, 14	49
836	REM sleep and safety signal learning in posttraumatic stress disorder: A preliminary study in military veterans. 2018 , 9, 22-28	11
835	Rest-Activity Rhythms and Cognitive Decline in Older Men: The Osteoporotic Fractures in Men Sleep Study. 2018 , 66, 2136-2143	29
834	Buying time: a proof-of-concept randomized controlled trial to improve sleep quality and cognitive function among older adults with mild cognitive impairment. 2018 , 19, 445	6
833	From pillow to podium: a review on understanding sleep for elite athletes. 2018 , 10, 243-253	32
832	Dementia Patients Are More Sedentary and Less Physically Active than Age- and Sex-Matched Cognitively Healthy Older Adults. 2018 , 46, 81-89	35
831	Circadian rest-activity rhythm as an objective biomarker of patient-reported outcomes in patients with advanced cancer. 2018 , 7, 4396-4405	25
830	Links between infant sleep and parental tolerance for infant crying: longitudinal assessment from pregnancy through six months postpartum. 2018 , 50, 72-78	10
829	Individual differences in compliance and agreement for sleep logs and wrist actigraphy: A longitudinal study of naturalistic sleep in healthy adults. 2018 , 13, e0191883	19
828	Sleep, Sleep Disorders, and Circadian Health following Mild Traumatic Brain Injury in Adults: Review and Research Agenda. 2018 , 35, 2615-2631	46
827	Higher energy intake at dinner decreases parasympathetic activity during nighttime sleep in menstruating women: A randomized controlled trial. 2018 , 194, 252-259	2
826	Feasibility and Pilot Testing of a Mindfulness Intervention for Frail Older Adults and Individuals With Dementia. 2018 , 11, 137-150	10
825	Modeling behaviors and lifestyle with online and social data for predicting and analyzing sleep and exercise quality. 2019 , 8, 367-383	1
824	Exploring the impact of experimental sleep restriction and sleep deprivation on subjectively perceived sleep parameters. 2019 , 28, e12706	3
823	Investigating the relationships between hypothalamic volume and measures of circadian rhythm and habitual sleep in premanifest Huntington's disease. 2019 , 6, 1-8	16
822	Effect of a Night Game on Actigraphy-Based Sleep Quality and Perceived Recovery in Top-Level Volleyball Athletes. 2019 , 14, 265-269	25

821	Discrepancy between wrist-actigraph and polysomnographic measures of sleep in patients with stable heart failure and a novel approach to evaluating discrepancy. 2019 , 28, e12717		11
820	Effect of mattress on actigraphy-based sleep quality and perceived recovery in top-level athletes: a randomized, double-blind, controlled trial. 2019 , 50, 689-702		
819	Preliminary support for the role of reward relevant effort and chronotype in the depression/insomnia comorbidity. 2019 , 242, 220-223		12
818	The Impact of Sleep Restriction on Daytime Functioning in School-Age Children With and Without ADHD: A Narrative Review of the Literature. 2019 , 34, 188-214		6
817	Classification of Sleep Videos Using Deep Learning. 2019 ,		1
816	Systems approach reveals photosensitivity and PER2 level as determinants of clock-modulator efficacy. 2019 , 15, e8838		19
815	Pneumatic sensor for cardiorespiratory monitoring during sleep. 2019 , 5, 055014		4
814	Validity of Actigraphy Compared to Polysomnography for Sleep Assessment in Children With Autism Spectrum Disorder. 2019 , 10, 551		19
813	Circadian rest-activity patterns in bipolar disorder and borderline personality disorder. 2019 , 9, 195		10
812	Effects of Sleep Deprivation on Surgeons Dexterity. 2019 , 10, 595		10
811	Differential associations between chronotype, anxiety, and negative affect: A structural equation modeling approach. 2019 , 257, 321-330		20
810	A Multi-Class Automatic Sleep Staging Method Based on Long Short-Term Memory Network Using Single-Lead Electrocardiogram Signals. 2019 , 7, 85959-85970		12
809	The day after: correlates of patient-reported outcomes with actigraphy-assessed sleep in cancer patients at home (inCASA project). <i>Sleep</i> , 2019 , 42,	1.1	8
808	Study protocol and rationale of the "Cogni-action project" a cross-sectional and randomized controlled trial about physical activity, brain health, cognition, and educational achievement in schoolchildren. 2019 , 19, 260		6
807	. 2019 , 7, 93433-93447		19
806	Benchmark on a large cohort for sleep-wake classification with machine learning techniques. 2019 , 2, 50		21
805	Practical aspects of actigraphy and approaches in clinical and research domains. 2019 , 160, 371-379		9
804	Assessment of Circadian Rhythms. 2019 , 37, 505-526		20

803	Does My Emergency Department Doctor Sleep? The Trouble With Recovery From Night Shift. 2019 , 57, 162-167		2
802	A Decade of Internet of Things: Analysis in the Light of Healthcare Applications. 2019 , 7, 89967-89979		43
801	. 2019 , 20, 18-29		36
800	How Do Family Role Overload and Work Interference with Family Affect the Life Satisfaction and Sleep Sufficiency of Construction Professionals?. 2019 , 16,		5
799	Validation of the Chinese Version of the Children's ChronoType Questionnaire (CCTQ) in school-aged children. 2019 , 36, 1681-1690		2
798	Sport und Schlaf. 2019 ,		1
797	The Association Between Body Mass Index (BMI) and Sleep Duration: Where Are We after nearly Two Decades of Epidemiological Research?. 2019 , 16,		11
796	A Multifactorial Approach to Sleep and Its Association with Health-Related Quality of Life in a Multiethnic Asian Working Population: A Cross-Sectional Analysis. 2019 , 16,		3
795	Smart Lighting Clinical Testbed Pilot Study on Circadian Phase Advancement. 2019 , 7, 3200110		2
794	Sleep in cluster headache revisited: Results from a controlled actigraphic study. 2019 , 39, 742-749		10
793	Acute sleep hygiene strategy improves objective sleep latency following a late-evening soccer-specific training session: A randomized controlled trial. 2019 , 37, 2711-2719		10
792	Sleep Duration as an Indirect Link Between Sleep Timing and Weight in Midlife Women. 2019 , 28, 1543-1554	0	
791	Eulerian videography technology improves classification of sleep architecture in primates. 2019 , 60, 467-475		5
790	Actigraphic measures of sleep on the wards after ICU discharge. 2019 , 54, 163-169		3
789	Sleep stage prediction with raw acceleration and photoplethysmography heart rate data derived from a consumer wearable device. <i>Sleep</i> , 2019 , 42,	1.1	72
788	Sleep stages classifier with eliminated apnea impact. 2019 ,		4
787	Choice, Expectations, and the Placebo Effect for Sleep Difficulty. 2020 , 54, 94-107		2
786	Chronotherapy for Adolescent Major Depression. 2019 , 313-334		

785	Twenty-four-hour motor activity and body temperature patterns suggest altered central circadian timekeeping in Smith-Magenis syndrome, a neurodevelopmental disorder. 2019 , 179, 224-236	10
784	Which actigraphic variables optimally characterize the sleep-wake cycle of individuals with bipolar disorders?. 2019 , 139, 269-279	9
783	Circadian Rhythmicity as a Predictor of Quality of Life in Allogeneic Hematopoietic Cell Transplant Patients. 2019 , 57, 952-960.e1	4
782	Gender, age and socioeconomic variation in 24-hour physical activity by wrist-worn accelerometers: the FinHealth 2017 Survey. 2019 , 9, 6534	24
781	Hot flashes and awakenings among midlife women. <i>Sleep</i> , 2019 , 42,	1.1 5
780	Work-rest pattern, alertness and performance assessment among naval personnel deployed at sea: A cross sectional study. 2019 , 75, 158-163	3
779	Smartphone-Based Tracking of Sleep in Depression, Anxiety, and Psychotic Disorders. 2019 , 21, 49	28
778	Effects of an adjunctive, chronotype-based light therapy in hospitalized patients with severe burnout symptoms - a pilot study. 2019 , 36, 993-1004	2
777	The importance of determining circadian parameters in pharmacological studies. 2019 , 176, 2827-2847	14
776	The relationship between circadian gene single nucleotide polymorphisms and clinical and behavioral assessments of sleep and rhythms and course of illness characteristics in subjects with bipolar type I disorder. 2019 , 13-14, 11-18	
775	Atypical body movements during night in young children with autism spectrum disorder: a pilot study. 2019 , 9, 6999	3
774	The Impact of Objective and Subjective Sleep Parameters on Depressive Symptoms during Pregnancy in Women with a Mental Disorder: An Explorative Study. 2019 , 16,	5
773	Effect of skipping breakfast for 6 days on energy metabolism and diurnal rhythm of blood glucose in young healthy Japanese males. 2019 , 110, 41-52	18
772	Parameterizing and validating existing algorithms for identifying out-of-bed time using hip-worn accelerometer data from older women. 2019 , 40, 075008	3
771	If RAR's acrophase is influenced by the sport discipline, how actigraphy-based sleep parameters vary in triathlon, volleyball and soccer athletes?. 2019 , 36, 735-738	9
770	Actigraphic sleep tracking and wearables: Historical context, scientific applications and guidelines, limitations, and considerations for commercial sleep devices. 2019 , 147-157	11
769	Big Data and Signal Processing in mHealth. 2019 , 101-113	2
768	Measurement and Nonpharmacologic Management of Sleep Disturbance in the Intensive Care Units: A Literature Review. 2019 , 42, 75-80	13

767	Impact of transcutaneous electrical nerve stimulation on sleep in chronic low back pain: a real-world retrospective cohort study. 2019 , 12, 743-752		8
766	Sleep and Alertness in a Duty-Hour Flexibility Trial in Internal Medicine. 2019 , 380, 915-923		22
765	Inaccuracy between subjective reports and objective measures of sleep duration and clinical correlates in bipolar disorder. 2019 , 250, 226-230		7
764	Sleep in parents of preterm infants: A systematic review. 2019 , 73, 35-48		6
763	A bad night's sleep on campus: an interview study of first-year university students with poor sleep quality. 2019 , 5, 280-287		13
762	Actigraphy studies and clinical and biobehavioural correlates in schizophrenia: a systematic review. 2019 , 126, 531-558		21
761	HABITAT: An IoT Solution for Independent Elderly. 2019 , 19,		43
760	Modeling Biobehavioral Rhythms with Passive Sensing in the Wild. 2019 , 3, 1-21		12
759	Determination of the Role of Subjective Investigation Methods in Assessment of Measures of Sleep Quality. 2019 , 49, 25-31		
758	Sleep in Offspring of Parents With Mood Disorders. 2019 , 10, 225		7
757	Predicting anxiety state using smartphone-based passive sensing. 2019 , 93, 103151		23
756	Actimetry in infant sleep research: an approach to facilitate comparability. <i>Sleep</i> , 2019 , 42,	1.1	10
755	Relation between ambulatory actigraphy and laboratory polysomnography in insomnia practice and research. 2019 , 28, e12854		13
754	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. 2019 , 11, 314-333		5
753	Nocturnal heart rate variability moderates the association between sleep-wake regularity and mood in young adults. <i>Sleep</i> , 2019 , 42,	1.1	8
752	Impact of shift duration on alertness among air-medical emergency care clinician shift workers. 2019 , 62, 325-336		5
751	Athletes' rest-activity circadian rhythm differs in accordance with the sport discipline. 2019 , 36, 578-586		17
750	Readiness to change and commitment as predictors of therapy compliance in adolescents with Delayed Sleep-Wake Phase Disorder. 2019 , 55, 48-55		10

749	m_Health Current and Future Applications. 2019 ,		3
748	Associations of Sleep Characteristics With Cognitive Function and Decline Among Older Adults. 2019 , 188, 1066-1075		33
747	Optimizing Actigraphic Estimation of Sleep Duration in Suspected Idiopathic Hypersomnia. 2019 , 15, 597-602		13
746	Temporal Analysis of Chronic Musculoskeletal Pain and Sleep in Postmenopausal Women. 2019 , 15, 223-234		6
745	Validation of a Consumer Sleep Wearable Device With Actigraphy and Polysomnography in Adolescents Across Sleep Opportunity Manipulations. 2019 , 15, 1337-1346		42
744	Sleep Validity of a Non-Contact Bedside Movement and Respiration-Sensing Device. 2019 , 15, 1051-1061		25
743	A Pilot Study on Circadian Activity Rhythm in Pediatric Attention-Deficit Hyperactivity Disorder. 2019 , 1, 385-393		1
742	Protocol of the SOMNIA project: an observational study to create a neurophysiological database for advanced clinical sleep monitoring. 2019 , 9, e030996		16
741	Role of Wearable Accelerometer Devices in Delirium Studies: A Systematic Review. 2019 , 1, e0027		3
740	Inertial Reflex Model of Nightmare Actigraphy using Double Empirical Margins for the Blinded. 2019 ,		
739	Categorizing Sleep in Older Adults with Wireless Activity Monitors Using LSTM Neural Networks. 2019 , 2019, 3368-3372		2
738	Contactless recording of sleep apnea and periodic leg movements by nocturnal 3-D-video and subsequent visual perceptive computing. 2019 , 9, 16812		11
737	Objectively measured sleep and telomere length in a population-based cohort of children and midlife adults. <i>Sleep</i> , 2020 , 43,	1.1	0
736	Detection and analysis of pulse waves during sleep via wrist-worn actigraphy. 2019 , 14, e0226843		3
735	Habitual Sleep, Social Jetlag, and Reaction Time in Youths With Delayed Sleep-Wake Phase Disorder. A Case-Control Study. 2019 , 10, 2569		3
734	Sleep in Pregnancy and Maternal Hyperglycemia: a Narrative Review. 2019 , 19, 150		3
733	The Meaning of Sleep Quality: A Survey of Available Technologies. 2019 , 7, 167374-167390		29
732	Sleep in the Intensive Care Unit: Strategies for Improvement. 2019 , 40, 614-628		5

731	Anesthesiology Resident Night Float Duty Alters Sleep Patterns: An Observational Study. 2019 , 131, 401-409		8
730	Childhood abuse and vasomotor symptoms among midlife women. 2019 , 26, 1093-1099		6
729	Daytime and Nighttime Sleep Characteristics and Pain Among Adults With Stable Heart Failure. 2019 , 34, 390-398		7
728	Sleep and Work in ICU Physicians During a Randomized Trial of Nighttime Intensivist Staffing. 2019 , 47, 894-902		2
727	Acupuncture for patients with insomnia disorder using resting-state functional magnetic resonance imaging: a protocol for a randomized controlled trial. 2019 , 20, 685		5
726	Remote Analgesic Effects Of Conventional Transcutaneous Electrical Nerve Stimulation: A Scientific And Clinical Review With A Focus On Chronic Pain. 2019 , 12, 3185-3201		9
725	Application of Machine Learning Methods to Ambulatory Circadian Monitoring (ACM) for Discriminating Sleep and Circadian Disorders. 2019 , 13, 1318		5
724	Sleep disruption explains age-related prospective memory deficits: implications for cognitive aging and intervention. 2019 , 26, 621-636		11
723	Multimodal Ambulatory Sleep Detection Using LSTM Recurrent Neural Networks. 2019 , 23, 1607-1617		20
722	Effects of training and competition on the sleep of elite athletes: a systematic review and meta-analysis. 2019 , 53, 513-522		70
721	Influence of Sleep Duration on Postpartum Weight Change in Black and Hispanic Women. 2019 , 27, 295-303		8
720	Sleep influences on cardio-metabolic health in Indigenous populations. 2019 , 59, 78-87		4
719	Social physics: uncovering human behaviour from communication. 2019 , 4, 1527723		11
718	The 8-Hour Challenge: Incentivizing Sleep during End-of-Term Assessments. 2019 , 44, 85-99		6
717	Differences in sleep between concussed and nonconcussed college students: a matched case-control study. <i>Sleep</i> , 2019 , 42,	1.1	15
716	High frequency of getting out of bed in patients with Alzheimer's disease monitored by non-wearable actigraphy. 2019 , 19, 130-134		9
715	Influence of Night Soccer Matches on Sleep in Elite Players. 2019 , 33, 174-179		19
714	Pediatric motor activity during sleep as measured by actigraphy. <i>Sleep</i> , 2019 , 42,	1.1	12

713	Effects of blue- and red-enriched light on attention and sleep in typically developing adolescents. 2019 , 199, 11-19	14
712	Sleep and circadian rhythm disruption and stress intersect in Alzheimer's disease. 2019 , 10, 100133	24
711	Effects of resistance exercise training and stretching on chronic insomnia. 2019 , 41, 51-57	14
710	A Systematic Review of Sleep-Wake Disturbances in Childhood Traumatic Brain Injury: Relationship with Fatigue, Depression, and Quality of Life. 2019 , 34, 241-256	22
709	Objective and subjective measures of prior sleep-wake behavior predict functional connectivity in the default mode network during NREM sleep. 2019 , 9, e01172	4
708	The prevalence of obstructive sleep apnea and its association with pregnancy-related health outcomes: a systematic review and meta-analysis. 2019 , 23, 399-412	34
707	Performance and sleepiness in nurses working 12-h day shifts or night shifts in a community hospital. 2019 , 126, 43-46	31
706	Case Study: Sleep and Injury in Elite Soccer-A Mixed Method Approach. 2019 , 33, 3085-3091	10
705	Lower Sleep Duration Is Associated With Reduced Autobiographical Memory Specificity. 2019 , 17, 586-594	6
704	Monitoring healthy and disturbed sleep through smartphone applications: a review of experimental evidence. 2019 , 23, 13-24	32
703	Sleep Research: A Primer for Media Scholars. 2019 , 34, 519-528	13
702	The Sleep of the Ring: Comparison of the Oura Sleep Tracker Against Polysomnography. 2019 , 17, 124-136	89
701	ADHD 24/7: Circadian clock genes, chronotherapy and sleep/wake cycle insufficiencies in ADHD. 2020 , 21, 156-171	16
700	Insomnia Patients With Subjective Short Total Sleep Time Have a Boosted Response to Cognitive Behavioral Therapy for Insomnia Despite Residual Symptoms. 2020 , 18, 58-67	9
699	Circadian disruption and human health: A bidirectional relationship. 2020 , 51, 567-583	44
698	Validity of Actigraphy in Young Adults With Insomnia. 2020 , 18, 91-106	21
697	Nursing Home Eligible, Community-Dwelling Older Adults' Perceptions and Beliefs About Sleep: A Mixed-Methods Study. 2020 , 29, 177-188	5
696	Sleep disturbance and cancer-related fatigue symptom cluster in breast cancer patients undergoing chemotherapy. 2020 , 28, 845-855	30

695	CNN-SkelPose: a CNN-based skeleton estimation algorithm for clinical applications. 2020 , 11, 2369-2380		8
694	Objective sleep outcomes 20 years after traumatic brain injury in childhood. 2020 , 42, 2393-2401		1
693	The age differences of sleep disruption on mood states and memory performance. 2020 , 24, 1444-1451		1
692	Self-Reported Sleep Quality and Actigraphic Measures of Sleep in New Mothers and the Relationship to Postpartum Depressive Symptoms. 2020 , 18, 396-405		8
691	Association of home blood pressure with sleep and physical and mental activity, assessed via a wristwatch-type pulsimeter with accelerometer in adults. 2020 , 42, 131-138		0
690	Concurrent validity of Nokia Go activity tracker in walking and free-living conditions. 2020 , 26, 223-228		2
689	Food Insecurity is Associated with Objectively Measured Sleep Problems. 2020 , 18, 719-729		8
688	Quantitative associations between objective sleep measures and early-morning mobility in Parkinson's disease: cross-sectional analysis of the PHASE study. <i>Sleep</i> , 2020 , 43,	1.1	3
687	Objective and subjective sleep problems and quality of life of rehabilitation in patients with mild to moderate stroke. 2020 , 27, 199-207		4
686	Sleep quality in hospitalized patients with advanced cancer: an observational study using self-reports of sleep and actigraphy. 2020 , 28, 2015-2023		12
685	The effects of buprenorphine depot implants on patient sleep and quality of life: findings from a mixed-methods pilot trial. 2020 , 28, 152-159		1
684	Basic psychological need frustration and health: Prospective associations with sleep quality and cholesterol. 2020 , 44, 209-225		2
683	Validity, potential clinical utility and comparison of a consumer activity tracker and a research-grade activity tracker in insomnia disorder II: Outside the laboratory. 2020 , 29, e12944		10
682	Insomnia-related interpretational bias is associated with pre-sleep worry. 2020 , 29, e12938		6
681	Wearable technologies for developing sleep and circadian biomarkers: a summary of workshop discussions. <i>Sleep</i> , 2020 , 43,	1.1	85
680	Objective assessment of sleep quality in patients with rotator cuff tears. 2020 , 106, 61-66		5
679	Sleep-wake rhythm disruption is associated with cancer-related fatigue in pediatric acute lymphoblastic leukemia. <i>Sleep</i> , 2020 , 43,	1.1	13
678	Sleep characteristics and white matter hyperintensities among midlife women. <i>Sleep</i> , 2020 , 43,	1.1	7

677	Onset of regular cannabis use and young adult insomnia: an analysis of shared genetic liability. <i>Sleep</i> , 2020 , 43,	1.1	7
676	Feasibility of the duration of actigraphy data to illustrate circadian rhythm among cognitively intact older people in nursing home: cosinor analysis. 2020 , 18, 59-64		1
675	ACTman: Automated preprocessing and analysis of actigraphy data. 2020 , 23, 481-486		4
674	Associations between sleep and episodic memory updating. 2020 , 30, 794-805		5
673	Effects of sound environment on the sleep of college students in China. 2020 , 705, 135794		6
672	Validation of four single-item patient-reported assessments of sleep in adult atopic dermatitis patients. 2020 , 124, 261-266		7
671	High-intensity exercise in the evening does not disrupt sleep in endurance runners. 2020 , 120, 359-368		10
670	Maternal Bonding Predicts Actigraphy-Measured Sleep Parameters in Depressed and Nondepressed Adults. 2020 , 208, 33-37		2
669	Relationships between Post-Concussion Sleep and Symptom Recovery: A Preliminary Study. 2020 , 37, 1029-1036		3
668	Naturalistic, multimethod exploratory study of sleep duration and quality as predictors of dysregulated eating in youth with overweight and obesity. 2020 , 146, 104521		4
667	Etiology, pathophysiology, and risk factors. 2020 , 9-21		
666	Application of health behaviour theory to sleep health improvement. 2020 , 29, e12950		18
665	Circadian Profile of an Emergency Medicine Department: Scheduling Practices and Their Effects on Sleep and Performance. 2019 ,		10
664	Attachment orientations and sleep patterns: The moderating role of exchanges with spouse. 2020 , 37, 1282-1295		0
663	PSG Validation of minute-to-minute scoring for sleep and wake periods in a consumer wearable device. 2020 , 15, e0238464		5
662	Cognitive behavioral social rhythm group therapy versus present centered group therapy for veterans with posttraumatic stress disorder and major depressive disorder: A randomized controlled pilot trial. 2020 , 277, 800-809		3
661	Effect of Employment Status on the Association Among Sleep, Care Burden, and Negative Affect in Family Caregivers. 2021 , 34, 574-581		
660	Comparison Between Actigraphy Records and Parental Reports of Child's Sleep. 2020 , 8, 567390		7

659	Sleep, screen time and behaviour problems in preschool children: an actigraphy study. 2021 , 30, 1793-1802	8
658	Prospective Memory, Sleep, and Age. 2020 , 10,	3
657	Misperception of sleep is associated with intrinsic motivation toward thinking about sleep. 2020 , 69, 101591	0
656	Subjective sleep quality is poorly associated with actigraphy and heart rate measures in community-dwelling older men. 2020 , 73, 154-161	5
655	Sleep disturbance in post-traumatic stress disorder (PTSD): a systematic review and meta-analysis of actigraphy studies. 2020 , 11, 1767349	10
654	Sleep in Hospitalized Children With Cancer: A Cross-Sectional Study. 2020 , 10, 969-976	5
653	Characteristics of Sleep Structure Assessed by Objective Measurements in Patients With Amnesic Mild Cognitive Impairment: A Meta-Analysis. 2020 , 11, 577126	3
652	Taking the sleep lab to the field: Biometric techniques for quantifying sleep and circadian rhythms in humans. 2021 , 33, e23541	2
651	A Temporal Threshold for Distinguishing Off-Wrist from Inactivity Periods: A Retrospective Actigraphy Analysis. 2020 , 2, 466-472	0
650	Multicenter Study on Sleep and Circadian Alterations as Objective Markers of Mild Cognitive Impairment and Alzheimer's Disease Reveals Sex Differences. 2020 , 78, 1707-1719	9
649	Application of light therapy in older adults with cognitive impairment: A systematic review. 2020 , 41, 970-983	8
648	Effects of phased sleeping thermal environment regulation on human thermal comfort and sleep quality. 2020 , 181, 107108	5
647	Sleep Medicine and Mental Health. 2020 ,	1
646	Association of Locomotor Activity During Sleep Deprivation Treatment With Response. 2020 , 11, 688	1
645	Associations of rest-activity patterns with amyloid burden, medial temporal lobe atrophy, and cognitive impairment. 2020 , 58, 102881	5
644	Coupled network of the circadian clocks: a driving force of rhythmic physiology. 2020 , 594, 2734-2769	27
643	Current and Future Roles of Consumer Sleep Technologies in Sleep Medicine. 2020 , 15, 391-408	8
642	Evaluations of Commercial Sleep Technologies for Objective Monitoring During Routine Sleeping Conditions. 2020 , 12, 821-842	18

641	Comparison of sleep-wake rhythms in elderly persons with intellectual disabilities and the general population. 2020 , 76, 148-154	0
640	Sleep Quality Associated With Motor Function Among Older Adult Survivors of Critical Illness. 2020 , 69, 322-328	4
639	IoT Healthcare: Design of Smart and Cost-Effective Sleep Quality Monitoring System. 2020 , 2020, 1-17	16
638	Alarm Tones, Voice Warnings, and Musical Treatments: A Systematic Review of Auditory Countermeasures for Sleep Inertia in Abrupt and Casual Awakenings. 2020 , 2, 416-433	1
637	Evening types have social jet lag and metabolic alterations in school-age children. 2020 , 10, 16747	12
636	Actigraphy-based parameter tuning process for adaptive notch filter and circadian phase shift estimation. 2020 , 37, 1552-1564	3
635	Smart alarm based on sleep stages prediction. 2020 , 2020, 4286-4289	2
634	Implementing Remote Memory Clinics to Enhance Clinical Care During and After COVID-19. 2020 , 11, 579934	23
633	Evaluation of the Vibe Actigraph in Patients With Chronic Obstructive Pulmonary Disease: A Pilot Study. 2020 , 8, 2700708	1
632	Sleep and Prospective Memory: A Retrospective Study in Different Clinical Populations. 2020 , 17,	1
631	Sleep disturbances as risk factors for suicidal thoughts and behaviours: a meta-analysis of longitudinal studies. 2020 , 10, 13888	21
630	Shedding Light on Nocturnal Movements in Parkinson's Disease: Evidence from Wearable Technologies. 2020 , 20,	10
629	Sex and race influence objective and self-report sleep and circadian measures in emerging adults independently of risk for bipolar spectrum disorder. 2020 , 10, 13731	3
628	Sleep-wake cycle dysregulation in idiopathic REM sleep behaviour disorder. 2021 , 30, e13234	1
627	Daytime sleepiness and napping in nursing-home eligible community dwelling older adults: A mixed methods study.. 2020 , 6, 2333721420970730	1
626	Comparison of sleep characteristics measurements: a case study with a population aged 65 and above. 2020 , 176, 2341-2349	4
625	Ear-EEG for sleep assessment: a comparison with actigraphy and PSG. 2021 , 25, 1693-1705	4
624	Actigraphy-recorded sleep efficiency and hippocampal volume are related to visual and verbal rate of forgetting in older adults. 2021 , 28, 936-958	

623	Nighttime Sleep Duration Is Associated With Length of Stay Outcomes Among Older Adult Survivors of Critical Illness. 2020 , 39, 145-154		4
622	Temporal Relationship Between Night-Time Gastroesophageal Reflux Events and Arousals From Sleep. 2020 , 115, 697-705		5
621	Thalamic pulvinar metabolism, sleep disturbances, and hallucinations in dementia with Lewy bodies: Positron emission tomography and actigraphy study. 2020 , 35, 934-943		3
620	Isolating the role of time in bed restriction in the treatment of insomnia: a randomized, controlled, dismantling trial comparing sleep restriction therapy with time in bed regularization. <i>Sleep</i> , 2020 , 43,	1.1	11
619	Association of Childhood Trauma Exposure with Inflammatory Biomarkers Among Midlife Women. 2020 , 29, 1540-1546		7
618	Pacemaker detected active minutes are superior to pedometer-based step counts in measuring the response to physical activity counseling in sedentary older adults. 2020 , 20, 162		1
617	Actigraphy in brain-injured patients – A valid measurement for assessing circadian rhythms?. 2020 , 18, 106		2
616	Modelling Patient Behaviour Using IoT Sensor Data: a Case Study to Evaluate Techniques for Modelling Domestic Behaviour in Recovery from Total Hip Replacement Surgery.. 2020 , 4, 238-260		2
615	. 2020 , 8, 71231-71244		9
614	Stress-Induced Behavioral Quiescence and Abnormal Rest-Activity Rhythms During Critical Illness. 2020 , 48, 862-871		9
613	The Association between Sleep Duration and Quality with Readmissions: An Exploratory Pilot-Study among Cardiology Inpatients. 2020 , 2, 120-142		1
612	Circadian Rhythm Sleep-Wake Disorders. 2020 ,		1
611	Associations between objective measures of physical activity, sleep and stress levels among preschool children. 2020 , 20, 258		7
610	The relationship between machine-learning-derived sleep parameters and behavior problems in 3- and 5-year-old children: results from the CHILD Cohort study. <i>Sleep</i> , 2020 , 43,	1.1	1
609	Measuring circadian function in bipolar disorders: Empirical and conceptual review of physiological, actigraphic, and self-report approaches. 2020 , 22, 693-710		16
608	Is disruption of sleep quality a consequence of severe Covid-19 infection? A case-series examination. 2020 , 37, 1110-1114		27
607	Effect of Suvorexant vs Placebo on Total Daytime Sleep Hours in Shift Workers: A Randomized Clinical Trial. 2020 , 3, e206614		8
606	Feasibility of a Complex Setting for Assessing Sleep and Circadian Rhythmicity in a Fragile X Cohort. 2020 , 11, 361		4

605	Ubiquinol-10 Intake Is Effective in Relieving Mild Fatigue in Healthy Individuals. 2020 , 12,	3
604	The Feasibility of Measuring Sleep and Circadian Characteristics in Adults with Inflammatory Bowel Disease. 2020 , 43, 53-59	0
603	Objective rest-activity cycle analysis by actigraphy identifies isolated rapid eye movement sleep behavior disorder. 2020 , 27, 1848-1855	4
602	Actigraphy-estimated sleep and 24-hour activity rhythms and the risk of dementia. 2020 , 16, 1259-1267	9
601	Refining sleep measurement using the Motionwatch8 ^r : how many days of monitoring do we need to get reliable estimates of sleep quality for older adults with mild cognitive impairment?. 2020 , 4,	1
600	Low sleep efficiency does not impact upper or lower limb vascular function in young adults. 2020 , 105, 1373-1383	2
599	Polysomnography and Sleep Analysis. 2020 , 83-105	
598	Supplementing sleep actigraphy with button pressing while awake. 2020 , 15, e0234060	
597	Sleep and Circadian Rhythm Disturbance in Remitted Schizophrenia and Bipolar Disorder: A Systematic Review and Meta-analysis. 2020 ,	38
596	Sleep and Glycemia in Youth With Type 1 Diabetes. 2020 , 34, 315-324	11
595	Remote Therapy to Improve Outcomes in Lung Transplant Recipients: Design of the INSPIRE-III Randomized Clinical Trial. 2020 , 6, e535	3
594	Relation of serum melatonin levels to postoperative delirium in older patients undergoing major abdominal surgery. 2020 , 48, 300060520910642	1
593	A laboratory study on the effects of wind turbine noise on sleep: results of the polysomnographic WiTNES study. <i>Sleep</i> , 2020 , 43,	1.1 12
592	Effects of Diet on Sleep: A Narrative Review. 2020 , 12,	37
591	An Actigraphy-Based Validation Study of the Sleep Disorder Inventory in the Nursing Home. 2020 , 11, 173	5
590	24-h Activity Rhythms and Health in Older Adults. 2020 , 6, 76-83	3
589	Sleep and Circadian Rhythms in Survivors of Acute Respiratory Failure. 2020 , 11, 94	8
588	Coherence Between Sleep Detection by Actigraphy and Polysomnography in a Multi-Center, Inpatient Cohort of Individuals with Traumatic Brain Injury. 2020 , 12, 1205-1213	3

587	Early chronotype with advanced activity rhythms and dim light melatonin onset in a rural population. 2020 , 69, e12675	11
586	On the use of actigraphy in clinical evaluation of diurnal blood pressure profile. 2020 , 24, 90-96	
585	Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure. 2020 , 12, 299-307	6
584	Auditory Countermeasures for Sleep Inertia: Exploring the Effect of Melody and Rhythm in an Ecological Context. 2020 , 2, 208-224	2
583	Can Special Light Glasses Reduce Sleepiness and Improve Sleep of Nightshift Workers? A Placebo-Controlled Explorative Field Study. 2020 , 2, 225-245	3
582	Modeling Biological Rhythms to Predict Mental and Physical Readiness. 2020 ,	0
581	Linking inhibition and anxiety symptoms following sleep restriction: The moderating role of prior sleep efficiency. 2020 , 127, 103575	2
580	Association between sleep, care burden, and related factors among family caregivers at home. 2020 , 20, 385-390	3
579	Use of actigraphy to characterize inactivity and activity in patients in a medical ICU. 2020 , 49, 398-406	6
578	Sleep in the anxiety-related disorders: A meta-analysis of subjective and objective research. 2020 , 51, 101282	41
577	Role of Wearable Technology in the Sleep-Heart Practice ² Conceptual Approach. 2020 , 6, 46-54	
576	Validation of Patient-Reported Outcomes Information System Sleep Disturbance and Sleep-Related Impairment in adults with atopic dermatitis. 2020 , 183, 875-882	10
575	Hyperkyphosis and self-reported and objectively measured sleep quality in older men. 2020 , 15, e0228638	1
574	Actigraphy assessment of motor activity and sleep in patients with alcohol withdrawal syndrome and the effects of intranasal oxytocin. 2020 , 15, e0228700	8
573	Actigraphy-Based Assessment of Sleep Parameters. 2020 , 64, 350-367	40
572	Variations in rest-activity rhythm are associated with clinically measured disease severity in Parkinson's disease. 2020 , 37, 699-711	2
571	Assessment and Treatment of Sleep in Mild Traumatic Brain Injury. 2020 , 77-88	
570	High prevalence of parent-reported sleep problems in pediatric patients with acute lymphoblastic leukemia after induction therapy. 2020 , 67, e28165	10

569	Characterizing Behavioral Activity Rhythms in Older Adults Using Actigraphy. 2020 , 20,		9
568	An unbiased, efficient sleep-wake detection algorithm for a population with sleep disorders: change point decoder. <i>Sleep</i> , 2020 , 43,	1.1	6
567	A Novel Microwave Treatment for Sleep Disorders and Classification of Sleep Stages Using Multi-Scale Entropy. 2020 , 22,		4
566	Sleep Quality in Neurodegenerative Diseases. 2020 , 175-181		
565	Sleep duration and timing in obsessive-compulsive disorder (OCD): evidence for circadian phase delay. 2020 , 72, 111-117		7
564	Detecting sleep using heart rate and motion data from multisensor consumer-grade wearables, relative to wrist actigraphy and polysomnography. <i>Sleep</i> , 2020 , 43,	1.1	34
563	Automatic sleep staging using heart rate variability, body movements, and recurrent neural networks in a sleep disordered population. <i>Sleep</i> , 2020 , 43,	1.1	21
562	The effects of sleep deprivation and text messaging on pedestrian safety in university students. <i>Sleep</i> , 2020 , 43,	1.1	4
561	Acupuncture for insomnia with short sleep duration: protocol for a randomised controlled trial. 2020 , 10, e033731		1
560	Association of Delaying School Start Time With Sleep Duration, Timing, and Quality Among Adolescents. 2020 , 174, 697-704		24
559	The impact of maintenance therapy on sleep-wake rhythms and cancer-related fatigue in pediatric acute lymphoblastic leukemia. 2020 , 28, 5983-5993		5
558	Sleep Characteristics and Rest-Activity Rhythms Are Associated with Gastrointestinal Symptoms Among Adults with Inflammatory Bowel Disease. 2021 , 66, 181-189		5
557	The effect of caffeine abstinence on sleep among habitual caffeine users with poor sleep. 2021 , 30, e13048		
556	The Process of Developing a Sleep Health Improvement Plan: a Lab-Based Model of Self-Help Behavior. 2021 , 28, 96-106		1
555	Sleep quantity and quality and cardiometabolic risk factors in Indigenous Australians. 2021 , 30, e13067		4
554	Effects of antipsychotics on circadian rhythms in humans: a systematic review and meta-analysis. 2021 , 108, 110162		2
553	Brain mechanisms of insomnia: new perspectives on causes and consequences. 2021 , 101, 995-1046		33
552	The Cycle of Daily Stress and Sleep: Sleep Measurement Matters. 2021 , 55, 413-423		13

551	Sleep Fragmentation and Cognitive Trajectories After Critical Illness. 2021 , 159, 366-381		6
550	The Relationship Between Coping Strategies and Sleep Problems: The Role of Depressive Symptoms. 2021 , 55, 253-265		0
549	Actigraphy in sleep research with infants and young children: Current practices and future benefits of standardized reporting. 2021 , 30, e13134		17
548	Night-time frequency of urination as a manifestation of sleep-disordered breathing: the Nagahama study. 2021 , 77, 288-294		2
547	Use of actigraphy and sleep diaries to assess sleep and academic performance in pharmacy students. 2021 , 13, 57-62		2
546	Myopia, or near-sightedness, is associated with delayed melatonin circadian timing and lower melatonin output in young adult humans. <i>Sleep</i> , 2021 , 44,	1.1	8
545	Sleep assessment by means of a wrist actigraphy-based algorithm: agreement with polysomnography in an ambulatory study on older adults. 2021 , 38, 400-414		5
544	Associations between cognitive function, actigraphy-based and self-reported sleep in older community-dwelling adults: Findings from the Irish Longitudinal Study on Ageing. 2021 , 36, 731-742		1
543	Comparison and prediction of sleep quality in users of bed or hammock as sleeping device. 2021 , 7, 93-97		0
542	An algorithm for actigraphy-based sleep/wake scoring: Comparison with polysomnography. 2021 , 132, 137-145		9
541	Links between objective sleep and sleep variability measures and inflammatory markers in adults with bipolar disorder. 2021 , 134, 8-14		3
540	Eveningness Predicts Negative Affect Following Sleep Restriction. 2021 , 52, 797-805		2
539	Associations between parent-reported and objectively measured sleep duration and timing in infants at age 6 months. <i>Sleep</i> , 2021 , 44,	1.1	5
538	Subjective and objective sleep among air ambulance personnel. 2021 , 38, 129-139		2
537	Gender differences in nighttime sleep patterns and variability across the adult lifespan: a global-scale wearables study. <i>Sleep</i> , 2021 , 44,	1.1	17
536	Association between muscle strength and sleep quality and duration among middle-aged and older adults: a systematic review. 2021 , 12, 27-44		3
535	Sleep duration regularity, but not sleep duration, is associated with microvascular function in college students. <i>Sleep</i> , 2021 , 44,	1.1	5
534	Multidimensional sleep health domains in older men and women: an actigraphy factor analysis. <i>Sleep</i> , 2021 , 44,	1.1	12

533	Sleep Quality in Young Adult Informal Caregivers: Understanding Psychological and Biological Processes. 2021 , 28, 6-13		6
532	Reconstruction of Pulse Wave and Respiration from Wrist Accelerometer During Sleep. 2021 , PP,		0
531	Diagnostic algorithm for hypersomnolence. 2021 ,		
530	On Goodness of WiFi based Monitoring of Sleep Vital Signs in the Wild. 2021 , 1-1		1
529	Rest-activity rhythms in emerging adults: implications for cardiometabolic health. 2021 , 38, 543-556		3
528	Does investing in low-income urban neighborhoods improve sleep?. <i>Sleep</i> , 2021 , 44,	1.1	2
527	Validation of the Munich Actimetry Sleep Detection Algorithm for estimating sleep-wake patterns from activity recordings.		
526	Wearable Technology Adaptation to Aviation Cabin Crew Fatigue Assessments. 2021 , 246-257		1
525	Sleep Characteristics and Mood of Professional Esports Athletes: A Multi-National Study. 2021 , 18,		8
524	Management of Sleep Disorders in Patients with Dementia. 2021 , 229-250		
523	The effect of acute sleep deprivation on skeletal muscle protein synthesis and the hormonal environment. 2021 , 9, e14660		12
522	Shining the Light on the MotionWatch8 Light Sensor for Sleep and Aging Research: What Can We Measure and What Are We Missing?. 2021 , 5, 55-63		1
521	Miles to go before we sleep step toward transparent evaluation of consumer sleep tracking devices. <i>Sleep</i> , 2021 , 44,	1.1	6
520	Impact of shift work on sleep and fatigue in Maritime pilots. 2021 , 64, 856-868		0
519	Effects of six weeks of chronic sleep restriction with weekend recovery on cognitive performance and wellbeing in high-performing adults. <i>Sleep</i> , 2021 , 44,	1.1	3
518	Accelerometer-measured physical activity and its impact on sleep quality in patients suffering from restless legs syndrome. 2021 , 21, 90		0
517	DPSleep: Open-Source Longitudinal Sleep Analysis From Accelerometer Data.		
516	Work-Fitness Evaluation for Shift Work Disorder. 2021 , 18,		2

515	Multi-Night Validation of a Sleep Tracking Ring in Adolescents Compared with a Research Actigraph and Polysomnography. 2021 , 13, 177-190		12
514	The relationship between chronotype and sleep behavior during rotating shift work: a field study. <i>Sleep</i> , 2021 , 44,	1.1	7
513	Circadian rhythm as a therapeutic target. 2021 , 20, 287-307		41
512	Characterizing Glycemic Control and Sleep in Adults with Long-Standing Type 1 Diabetes and Hypoglycemia Unawareness Initiating Hybrid Closed Loop Insulin Delivery. 2021 , 2021, 6611064		2
511	Bed Sensor Technology for Objective Sleep Monitoring Within the Clinical Rehabilitation Setting: Observational Feasibility Study. 2021 , 9, e24339		3
510	Behavior-analytic intervention for women with fibromyalgia and insomnia: a single subject design. 2021 , 34, 5		0
509	Day-to-day variability in sleep parameters and depression risk: a prospective cohort study of training physicians. 2021 , 4, 28		10
508	A Rest Quality Metric Using a Cluster-Based Analysis of Accelerometer Data and Correlation With Digital Medicine Ingestion Data: Algorithm Development. 2021 , 5, e17993		
507	Development of digital measures for nighttime scratch and sleep using wrist-worn wearable devices. 2021 , 4, 42		4
506	Sweating Out the Circadian Rhythm: A Technical Review. 2021 , 6, 659-672		6
505	Detection of melatonin-onset in real settings via wearable sensors and artificial intelligence. A pilot study. 2021 , 65, 102386		2
504	Effect of lithium on circadian rhythm in bipolar disorder: A systematic review and meta-analysis. 2021 , 23, 445-453		2
503	Can actigraphy be used to define lithium response dimensions in bipolar disorders?. 2021 , 283, 402-409		0
502	Bruxism in Children and Adolescents with Down Syndrome: A Comprehensive Review. 2021 , 57,		0
501	Quantifying Circadian Aspects of Mobility-Related Behavior in Older Adults by Body-Worn Sensors-An "Active Period Analysis". 2021 , 21,		0
500	Effects of Three Levels of Green Exercise, Physical and Social Environments, Personality Traits, Physical Activity, and Engagement with Nature on Emotions and Attention. 2021 , 13, 2686		2
499	Evaluation of the Consensus Sleep Diary in a community sample: comparison with single-channel electroencephalography, actigraphy, and retrospective questionnaire. 2021 , 17, 1389-1399		8
498	Biological Rhythm and Chronotype: New Perspectives in Health. 2021 , 11,		19

497	Impact of pulmonary rehabilitation in sleep in COPD patients measured by actigraphy. 2021 , 16, e0248466	0
496	Sleep-wake rhythms determined by actigraphy during in-hospital stay following discharge from an intensive care unit. 2021 , 65, 801-808	0
495	Associations of actigraphic sleep and circadian rest/activity rhythms with cognition in the early phase of Alzheimer's disease. 2021 , 2, zpab007	3
494	Associations between daily affect and sleep vary by sleep assessment type: What can ambulatory EEG add to the picture?. 2021 , 7, 219-228	1
493	Characterization of activity behavior using a digital medicine system and comparison to medication ingestion in patients with serious mental illness. 2021 , 4, 63	0
492	Big 5 personality traits and intraindividual variability in sleep duration, continuity, and timing. 2021 , 7, 238-245	3
491	Online Mobile App Usage as an Indicator of Sleep Behavior and Job Performance. 2021 ,	1
490	Sleep Dysregulation and Daytime Electrodermal Patterns in Children With Autism: A Descriptive Study. 2021 , 182, 335-347	2
489	Does the guided online cognitive behavioral therapy for insomnia "i-Sleep youth" improve sleep of adolescents and young adults with insomnia after childhood cancer? (MICADO-study): study protocol of a randomized controlled trial. 2021 , 22, 307	0
488	Automatic sleeping time estimation and mild traumatic brain injury (mTBI) detection using actigraphy data. 2021 , 66, 102430	0
487	The Emerging Circadian Phenotype of Borderline Personality Disorder: Mechanisms, Opportunities and Future Directions. 2021 , 23, 30	3
486	The Sleep and Recovery Practices of Athletes. 2021 , 13,	1
485	Genetic variants for morningness in relation to habitual sleep-wake behavior and diurnal preference in a population-based sample of 17,243 adults. 2021 , 80, 322-332	5
484	Open-source Longitudinal Sleep Analysis From Accelerometer Data (DPSleep): Algorithm Development and Validation. 2021 , 9, e29849	1
483	DPSleep: Open-Source Longitudinal Sleep Analysis From Accelerometer Data (Preprint).	
482	Efficacy of Triprolidine in the Treatment of Temporary Sleep Disturbance. 2021 , 61, 1156-1164	
481	The role of the circadian clock in cancer hallmark acquisition and immune-based cancer therapeutics. 2021 , 40, 119	6
480	Internet of Things for Sleep Monitoring. 2021 , 24, 30-36	1

479	Social zeitgebers and circadian dysrhythmia are associated with severity of symptoms of PTSD and depression in trauma-affected refugees. 2021 , 271, 1319-1329			1
478	Subjective cognitive abilities correlate with poor sleep among day-shift and night-shift nurses. 2021 , 30, e13359			1
477	Validation of the Munich Actimetry Sleep Detection Algorithm for estimating sleep-wake patterns from activity recordings. 2021 , 30, e13371			2
476	A scoping review of racial/ethnic disparities in sleep. 2021 , 81, 169-179			3
475	Actigraphic and patient and family reported sleep outcomes in children and youth with cystic fibrosis: A systematic review. 2021 ,			
474	Comparative analysis of circadian rhythms of hemodynamics and physical activity. 1-13			
473	Social jetlag, a novel predictor for high cardiovascular risk in blue-collar workers following permanent atypical work schedules. 2021 , 30, e13380			2
472	Ambient bright light treatment improved proxy-rated sleep but not sleep measured by actigraphy in nursing home patients with dementia: a placebo-controlled randomised trial. 2021 , 21, 312			5
471	Gibbon sleep quantified: the influence of lunar phase and meteorological variables on activity in <i>Hylobates moloch</i> and <i>Hylobates pileatus</i> . 2021 , 62, 749-759			2
470	Enhanced Monitoring of Sleep Position in Sleep Apnea Patients: Smartphone Triaxial Accelerometry Compared with Video-Validated Position from Polysomnography. 2021 , 21,			1
469	Predicting incident dementia and mild cognitive impairment in older women with nonparametric analysis of circadian activity rhythms in the Study of Osteoporotic Fractures. <i>Sleep</i> , 2021 , 44,	1.1		1
468	Objectively Measured Physical Activity Is Associated With Body Composition and Metabolic Profiles of Pacific and New Zealand European Women With Different Metabolic Disease Risks. 2021 , 12, 684782			2
467	Differential associations of age and Alzheimer's disease with sleep and rest-activity rhythms across the adult lifespan. 2021 , 101, 141-149			4
466	Ambient Stimuli Perpetuate Nighttime Sleep Disturbances in Hospital Patients With TBI. 2021 , 23, 637-645			
465	Sleep behavior of infants with infantile hemangioma treated with propranolol-a cohort study. 2021 , 180, 2655-2668			2
464	Sleep in Young People with Features of Borderline Personality Disorder: A Scoping Review. 2021 , 1-19			2
463	Sleep and neighborhood socioeconomic status: a micro longitudinal study of chronic low-back pain and pain-free individuals. 2021 , 44, 811-821			2
462	Rest-activity daily rhythm and physical activity levels after hip and knee joint replacement: the role of actigraphy in orthopedic clinical practice. 2021 , 38, 1692-1701			0

461	Sleep and substance use disorder treatment: A preliminary study of subjective and objective assessment of sleep during an intensive outpatient program. 2021 , 30, 477-484	6
460	Deep Sleep and Beeps: Sleep Quality Improvement Project in General Surgery Patients. 2021 , 232, 882-888	2
459	Hot-water bathing before bedtime and shorter sleep onset latency are accompanied by a higher distal-proximal skin temperature gradient in older adults. 2021 , 17, 1257-1266	2
458	Sleep Detection for Younger Adults, Healthy Older Adults, and Older Adults Living With Dementia Using Wrist Temperature and Actigraphy: Prototype Testing and Case Study Analysis. 2021 , 9, e26462	2
457	Assessing Changes in Adolescents' Sleep Characteristics and Dietary Quality in the START Study, a Natural Experiment on Delayed School Start Time Policies. 2021 , 151, 2808-2815	1
456	The theory of planned behaviour and sleep opportunity: An ecological momentary assessment. 2021 , e13420	
455	Improved sleep efficiency is associated with reduced cardio-metabolic risk: Findings from the MODERN trial. 2021 , 30, e13389	0
454	A Systematic Review of Sleep Associations in Parents and Children. 2021 , 30, 2276-2288	2
453	The Brain in Motion II Study: study protocol for a randomized controlled trial of an aerobic exercise intervention for older adults at increased risk of dementia. 2021 , 22, 394	0
452	Sleep disturbances and first onset of major mental disorders in adolescence and early adulthood: A systematic review and meta-analysis. 2021 , 57, 101429	16
451	Insomnie bei Demenzen. 2021 , 40, 511-516	
450	Sleep in two free-roaming blue wildebeest (<i>Connochaetes taurinus</i>), with observations on the agreement of polysomnographic and actigraphic techniques. 2021 , 10, 142-152	5
449	Diagnosing Schizophrenia from Activity Records using Hidden Markov Model Parameters. 2021 ,	3
448	Digital cognitive-behavioural therapy for insomnia compared with digital patient education about insomnia in individuals referred to secondary mental health services in Norway: protocol for a multicentre randomised controlled trial. 2021 , 11, e050661	2
447	Relationship of Subjective and Objective Sleep Quality with Caregiver Burden in Patients with Alzheimer's Disease. 2021 , 12, 36-43	
446	Actigraphy-measured rest-activity circadian rhythm disruption in patients with advanced cancer: a scoping review. 2021 , 29, 7145-7169	3
445	Genes Relevant to Tissue Response to Cancer Therapy Display Diurnal Variation in mRNA Expression in Human Oral Mucosa. 2021 , 19, 8	0
444	The reliability of objective total sleep time in predicting the effectiveness of cognitive-behavioral therapy for insomnia. 2021 , 82, 43-46	4

443	Sleep Performance and Chronotype Behavior in Unilateral Vestibular Hypofunction. 2021 , 131, 2341-2347	
442	Objectively measured chronotype and social jetlag are associated with habitual dietary intake in undergraduate students. 2021 , 90, 36-45	3
441	Objective Assessment of Daytime Napping and Incident Heart Failure in 1140 Community-Dwelling Older Adults: A Prospective, Observational Cohort Study. 2021 , 10, e019037	3
440	Pre-sleep cognitive arousal exacerbates sleep disturbance in chronic pain: an exploratory daily diary and actigraphy study. 2021 , 21, 724-731	1
439	Sleep Quality among Breast and Prostate Cancer Patients: A Comparison between Subjective and Objective Measurements. 2021 , 9,	1
438	Validation of actigraphy in hospitalised newborn infants using video polysomnography. 2021 , e13437	1
437	Later sleep timing predicts accelerated summer weight gain among elementary school children: a prospective observational study. 2021 , 18, 94	3
436	Prevalence of sleep disturbances and their effects on quality of life in adults with untreated pituitary tumor and meningioma. 2021 , 154, 179-186	0
435	Sensorimotor function does not predict quality of life in persons with multiple sclerosis. 2021 , 52, 102986	1
434	Tau and β Amyloid Burden Predict Actigraphy-Measured and Self-Reported Impairment and Misperception of Human Sleep. 2021 , 41, 7687-7696	4
433	Actigraphy: Metrics reveal it is not a valid tool for determining sleep in neonates. 2021 , e13444	1
432	A Wrinkle in Measuring Time Use for Cognitive Health: How should We Measure Physical Activity, Sedentary Behaviour and Sleep?. 155982762110314	2
431	The feasibility of at-home sleep extension in adolescents and young adults: A meta-analysis and systematic review. 2021 , 58, 101443	1
430	Challenges and Opportunities for Applying Wearable Technology to Sleep. 2021 , 16, 607-618	3
429	Variable objective sleep quality is related to worse spatial learning and memory in young adults. 2021 , 84, 114-120	2
428	Shoulder Surgery as an Effective Treatment for Shoulder-Related Sleep Disturbance: A Systematic Review. 2021 ,	0
427	A Comparison of Physical Activity Levels, Sleep Disrupting Behavior, and Stress/Affective Distress as Predictors of Sleep as Indexed by Actigraphy. 2021 , 18, 937-948	
426	Objective sleep duration and timing predicts completion of in vitro fertilization cycle. 2021 , 38, 2687-2696	0

425	The bidirectional association of 24-h activity rhythms and sleep with depressive symptoms in middle-aged and elderly persons. 1-8	1
424	Classification and Prediction of Post-Trauma Outcomes Related to PTSD Using Circadian Rhythm Changes Measured via Wrist-Worn Research Watch in a Large Longitudinal Cohort. 2021 , 25, 2866-2876	2
423	Actigraphic and Self-reported Sleep Measures in Older Adults: Factor Analytic Study. 2021 , 1939459211037054	
422	Longitudinal changes in sleep patterns and circadian rhythm metrics in preschool-age children from Northern Mexico. 2021 , 7, 596-602	0
421	Weekend night vs. school night sleep patterns, weight status, and weight-related behaviors among adolescents. 2021 , 7, 572-580	1
420	Sleep Patterns of Resident Physicians and the Effect of Heartfulness Meditation. 2021 , 28, 47-54	
419	Chronotypes and circadian rest-activity rhythms in bipolar disorders: a meta-analysis of self- and observer rating scales. 2021 ,	2
418	The Effect of Bright Light Treatment on Rest-Activity Rhythms in People with Dementia: A 24-Week Cluster Randomized Controlled Trial. 2021 , 3, 449-464	
417	Association Between Sleep Duration and Functional Disability in Inpatient Stroke Rehabilitation: A Pilot Observational Study. 2021 , 3, 100150	0
416	Dopamine D1 and D2 receptors are distinctly associated with rest-activity rhythms and drug reward. 2021 , 131,	2
415	Ecological and social pressures interfere with homeostatic sleep regulation in the wild.	0
414	Sleep Efficiency is Inversely Associated with Brachial Artery Diameter and Morning Blood Pressure in Midlife Adults, with a Potential Sex-Effect. 2021 , 13, 1641-1651	2
413	Correlates of poor sleep based upon wrist actigraphy data in bipolar disorder. 2021 , 141, 385-389	0
412	Brain amyloid burden, sleep, and 24-hour rest/activity rhythms: screening findings from the Anti-Amyloid Treatment in Asymptomatic Alzheimer's and Longitudinal Evaluation of Amyloid Risk and Neurodegeneration Studies. 2021 , 2, zpub015	0
411	The development, inter-rater agreement and performance of a hierarchical procedure for setting the rest-interval in actigraphy data. 2021 , 85, 221-229	1
410	On the Unification of Common Actigraphic Data Scoring Algorithms. 2021 , 21,	
409	Study protocol: DexaDays-2, hydrocortisone for treatment of dexamethasone-induced neurobehavioral side effects in pediatric leukemia patients: a double-blind placebo controlled randomized intervention study with cross-over design. 2021 , 21, 427	1
408	STEPS to Enhance Physical Activity After Hematopoietic Cell Transplantation for Multiple Myeloma. 2021 ,	0

407	Assessment of effects of total sleep deprivation and subsequent recovery sleep: a methodological strategy feasible without sleep laboratory. 2021 , 9, 141	0
406	Sleep Measurements in Women. 2021 , 16, 635-648	0
405	Sexual assault and white matter hyperintensities among midlife women. 2021 , 1	2
404	The effect of bright light therapy on sleep and quality of life in patients with post-stroke insomnia. 2021 ,	2
403	Sleep duration and vascular inflammation using hybrid positron emission tomography/magnetic resonance imaging: results from the Multi-Ethnic Study of Atherosclerosis. 2021 , 17, 2009-2018	0
402	Effect of a dynamic lighting intervention on circadian rest-activity disturbances in cognitively impaired, older adults living in a nursing home: A proof-of-concept study. 2021 , 11, 100067	1
401	Investigating the link between sleep and postpartum depression in fathers utilizing subjective and objective sleep measures. 2021 , 3, 100036	1
400	The effects of evening high-intensity exercise on sleep in healthy adults: A systematic review and meta-analysis. 2021 , 60, 101535	4
399	Sleep and circadian rhythm actigraphy measures, mood instability and impulsivity: A systematic review. 2021 , 144, 66-79	5
398	Contribution of Sleep Disruption and Sedentary Behavior to Fatigue in Survivors of Allogeneic Hematopoietic Cell Transplant. 2021 , 55, 870-878	0
397	Sleep and Activity Patterns Are Altered During Early Critical Illness in Mechanically Ventilated Adults. 2021 , 40, 29-35	1
396	The use of new digital endpoints. 2021 , 91-108	
395	Efficient embedded sleep wake classification for open-source actigraphy. 2021 , 11, 345	6
394	Actigraphy pattern analysis for outpatient monitoring. 2015 , 1246, 3-17	7
393	Physiologic Methods of Assessment Relevant to Circadian Rhythm Sleep-Wake Disorders. 2020 , 45-55	1
392	Baby-Lag: Methods for Assessing Parental Tiredness and Fatigue. 2016 , 29-46	1
391	Broken Windows, Broken Zzs: Poor Housing and Neighborhood Conditions Are Associated with Objective Measures of Sleep Health. 2020 , 97, 230-238	13
390	Sleep and Fatigue in Cancer Patients. 2005 , 1218-1224	8

389	Actigraphy. 2005 , 1459-1467		9
388	Genetics and Genomic Basis of Sleep in Simple Model Organisms. 2017 , 281-295.e6		1
387	Insomnia. 2011 , 838-849		3
386	Insomnia in Older Adults. 2011 , 1544-1550		5
385	Investigation on entraining and enhancing human circadian rhythm in closed environments using daylight-like LED mixed lighting. 2020 , 732, 139334		11
384	The consequences of partial sleep restriction for habitual sleep duration, sleepiness and reaction time in healthy males. 2020 , 6, 814-821		4
383	Sleepiness in children. 262-276		2
382	An ecological study of objective rest-activity markers of lithium response in bipolar-I-disorder. 2020 , 1-9		6
381	The Development of a Clinically Relevant Sleep Modification Protocol for Youth with Type 1 Diabetes. 2016 , 4, 227-240		19
380	Sustaining sleep: Results from the randomized controlled work, family, and health study. 2019 , 24, 180-197		12
379	Effect of sleep on gross motor memory. 2012 , 20, 907-14		18
378	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline-Results From the Lifebrain Consortium. 2021 , 31, 1953-1969		5
377	Deep learning enables sleep staging from photoplethysmogram for patients with suspected sleep apnea. <i>Sleep</i> , 2020 , 43,	1.1	31
376	Performance of seven consumer sleep-tracking devices compared with polysomnography. <i>Sleep</i> , 2021 , 44,	1.1	52
375	Detecting sleep in free-living conditions without sleep-diaries: a device-agnostic, wearable heart rate sensing approach.		1
374	pyActigraphy: open-source python package for actigraphy data visualisation and analysis.		2
373	Automated detection of sleep-boundary times using wrist-worn accelerometry.		3
372	Genetic studies of accelerometer-based sleep measures in 85,670 individuals yield new insights into human sleep behaviour.		5

371	A cost-effective and non-invasive system for sleep and vital signs monitoring using passive RFID tags. 2019 ,	5
370	Biometric Systems Utilising Health Data from Wearable Devices. 2020 , 53, 1-29	15
369	An evidence map of actigraphy studies exploring longitudinal associations between rest-activity rhythms and course and outcome of bipolar disorders. 2020 , 8, 37	4
368	Sleep Patterns During Hospitalization Following Hematopoietic Stem Cell Transplantation. 2015 , 42, 371-9	9
367	Review of field studies of aircraft noise-induced sleep disturbance. 2008 , 7, 15-30	1
366	Optimal adjustment of the human circadian clock in the real world. 2020 , 16, e1008445	5
365	Response of the human circadian system to millisecond flashes of light. 2011 , 6, e22078	63
364	Enhanced persistency of resting and active periods of locomotor activity in schizophrenia. 2012 , 7, e43539	42
363	Changes in the circadian rhythm in patients with primary glaucoma. 2013 , 8, e62841	32
362	On-call duty effects on sleep-state physiological stability in male medical interns. 2013 , 8, e65072	12
361	Diurnal intermittent fasting during Ramadan: the effects on leptin and ghrelin levels. 2014 , 9, e92214	32
360	Assessing sleep disturbance in low back pain: the validity of portable instruments. 2014 , 9, e95824	41
359	Chronic Low Quality Sleep Impairs Postural Control in Healthy Adults. 2016 , 11, e0163310	25
358	Dexamethasone Chemotherapy Does Not Disrupt Orexin Signaling. 2016 , 11, e0168731	2
357	Advancing the sleep/wake schedule impacts the sleep of African-Americans more than European-Americans. 2017 , 12, e0186887	10
356	Measuring Sleep Quality and Efficiency With an Activity Monitoring Device in Comparison to Polysomnography. 2019 , 11, 825-833	10
355	Correlation of sleep quality with fatigue and disease activity among patients with primary Sjögren's syndrome: a cross-sectional study. 2020 , 138, 146-151	3
354	Sleep changes in older people (a review). 2015 , 18, 49	1

353	Actigraphy for estimation of the characteristics of sleep and sleep-wake rhythm. 2019 , 22, 95	2
352	Healthy Eating, Physical Activity, and Sleep Hygiene (HEPAS) as the Winning Triad for Sustaining Physical and Mental Health in Patients at Risk for or with Neuropsychiatric Disorders: Considerations for Clinical Practice. 2020 , 16, 55-70	24
351	The relationship between dementia severity and rest/activity circadian rhythms. 2005 , 1, 155-63	54
350	Actigraphy for Assessing Light Effects on Sleep and Circadian Activity Rhythm in Alzheimer's Dementia: A Narrative Review. 2019 , 16, 1084-1107	2
349	Circadian Rhythms in the Telephone Calls of Older Adults: Observational Descriptive Study. 2020 , 8, e12452	5
348	Objective Characterization of Activity, Sleep, and Circadian Rhythm Patterns Using a Wrist-Worn Actigraphy Sensor: Insights Into Posttraumatic Stress Disorder. 2020 , 8, e14306	15
347	Sleep Tracking of a Commercially Available Smart Ring and Smartwatch Against Medical-Grade Actigraphy in Everyday Settings: Instrument Validation Study. 2020 , 8, e20465	25
346	Feasibility and Acceptability of Wearable Sleep Electroencephalogram Device Use in Adolescents: Observational Study. 2020 , 8, e20590	5
345	Capturing Rest-Activity Profiles in Schizophrenia Using Wearable and Mobile Technologies: Development, Implementation, Feasibility, and Acceptability of a Remote Monitoring Platform. 2018 , 6, e188	26
344	Recommendations for Assessment of the Reliability, Sensitivity, and Validity of Data Provided by Wearable Sensors Designed for Monitoring Physical Activity. 2018 , 6, e102	50
343	Potential use of actigraphy to measure sleep in monkeys: comparison with behavioral analysis from videography. 2020 , 41, 437-443	7
342	How well do train driver's sleep in relay vans?. 2005 , 43, 98-104	11
341	Korean Clinical Practice Guideline for the Diagnosis and Treatment of Insomnia in Adults. 2020 , 17, 1048-1059	2
340	Diagnostic Tools for Circadian Rhythm Sleep Disorders. 2008 , 147-173	1
339	Behavioral and psychiatric consequences of sleep-wake schedule disorders. 2005 , 7, 357-65	10
338	Biological clocks and the practice of psychiatry. 2007 , 9, 237-55	6
337	Sleep Disturbance After Traumatic Brain Injury. 2010 , 40, 553-559	2
336	Rest-activity patterns in institutionalized Korean older adults with dementia: a pilot study. 2009 , 35, 20-8; quiz 30-1	4

335	Feedback actigraphy and sleep among long-haul truck drivers. 2010 , 58, 137-45	2
334	Pilot study of a brief behavioral sleep intervention for caregivers of individuals with dementia. 2010 , 3, 19-29	16
333	Addicting Content, Blue Light, and Curtailed Sleep. 2020 , 211-240	1
332	Will Adequate Sedation Assessment Include the Use of Actigraphy in the Future?. 2005 , 14, 61-63	5
331	Comparison of Sleep and Mood in Patients After On-Pump and Off-Pump Coronary Artery Bypass Surgery. 2008 , 17, 133-140	11
330	The relationship between affective state and the rhythmicity of activity in bipolar disorder. 2014 , 75, e317-22	37
329	Correlates of daytime sleepiness in patients with posttraumatic stress disorder and sleep disturbance. 2010 , 12,	9
328	A feasibility study: Use of actigraph to monitor and follow-up sleep/wake patterns in individuals attending community pharmacy with sleeping disorders. 2016 , 8, 173-80	3
327	The effect of Ramadan intermittent fasting on lipid peroxidation in healthy young men while controlling for diet and sleep: A pilot study. 2016 , 11, 43-8	12
326	The influence of intermittent fasting on the circadian pattern of melatonin while controlling for caloric intake, energy expenditure, light exposure, and sleep schedules: A preliminary report. 2017 , 12, 183-190	19
325	The effects of diurnal intermittent fasting on the wake-promoting neurotransmitter orexin-A. 2018 , 13, 48-54	18
324	Concordance of Mother/Child Sleep Patterns Using Actigraphy: Preliminary Findings. 2014 , 3,	8
323	Efficacy of a Topical Aromatic Rub (Vicks VapoRub ^{&#174;}) on Effects on Self-Reported and Actigraphically Assessed Aspects of Sleep in Common Cold Patients. 2017 , 07, 83-101	2
322	Distribution of Active and Resting Periods in the Motor Activity of Patients with Depression and Schizophrenia. 2016 , 13, 112-20	15
321	Sleep Irregularity in the Previous Week Influences the First-Night Effect in Polysomnographic Studies. 2016 , 13, 203-9	6
320	Effect of Nighttime Earplugs and Eye Masks on Sleep Quality in Intensive Care Unit Patients. 2020 , 24, 6-10	7
319	Napping and Nighttime Sleep: Findings From an Occupation-Based Intervention. 2016 , 70, 7004270010p1-7	14
318	Factors that may influence the classification of sleep-wake by wrist actigraphy: the MrOS Sleep Study. 2011 , 7, 357-67	71

317	Early sleep psychiatric intervention for acute insomnia: implications from a case of obsessive-compulsive disorder. 2012 , 8, 191-3	6
316	Nocturia compounds nocturnal wakefulness in older individuals with insomnia. 2013 , 9, 259-62	15
315	Correspondence between reported and actigraphic sleep measures in preschool children: the role of a clinical context. 2013 , 9, 1147-51	34
314	Individual variability and predictors of driving simulator impairment in patients with obstructive sleep apnea. 2014 , 10, 647-55	34
313	Sleep patterns of a primarily obese sample of treatment-seeking children. 2014 , 10, 1111-7	4
312	Perceived sleep quality is worse than objective parameters of sleep in pregnant women with a mental disorder. 2014 , 10, 1137-41	18
311	Consumer Sleep Apps: When it Comes to the Big Picture, it's All About the Frame. 2015 , 11, 695-6	12
310	Validity of actigraphy for nighttime sleep monitoring in hospitalized patients with traumatic injuries. 2020 , 16, 185-192	4
309	Sleep in hospitalized patients with chronic obstructive pulmonary disease: an observational study. 2020 , 16, 1693-1699	2
308	Association of preoperative sleep pattern with posthysterectomy pain: a pilot study. 2020 , 16, 1901-1908	4
307	A nonparametric methodological analysis of rest-activity rhythm in type 2 diabetes. 2018 , 11, 281-289	7
306	Olfactory connectivity mediates sleep-dependent food choices in humans. 2019 , 8,	9
305	The Impact of Wearable Device Enabled Health Initiative on Physical Activity and Sleep. 2016 , 8, e825	13
304	Comparison of actigraphy indices among patients with depression and schizophrenia: A preliminary study. 2021 , 10, 3406-3410	0
303	A longitudinal study of the links between maternal and infant nocturnal wakefulness. 2021 , 8, 649	1
302	The Impact of Cognitive Behavioral Therapy for Insomnia on Sleep Log and Actigraphy Outcomes in People with Multiple Sclerosis: A Secondary Analysis. 2021 , 13, 1865-1874	0
301	pyActigraphy: Open-source python package for actigraphy data visualization and analysis. 2021 , 17, e1009514	1
300	Exploration of Sleep as a Specific Risk Factor for Poor Metabolic and Mental Health: A UK Biobank Study of 84,404 Participants. 2021 , 13, 1903-1912	3

- 299 Using a Homeogram to Detect Sleep in Free-living Animals. 0
- 298 Validation of Fitbit Charge 2 Sleep and Heart Rate Estimates Against Polysomnographic Measures in Shift Workers: Naturalistic Study. **2021**, 23, e26476 1
- 297 Actigraphy in mechanically ventilated pediatric ICU patients: comparison to PSG and evaluation of behavioral circadian rhythmicity. **2021**, 1-12 0
- 296 Circadian Sleep-Activity Rhythm across Ages in Down Syndrome. **2021**, 11, 0
- 295 Diagnostic testing for sleep disorders. **2004**, 43-62
- 294 Identifying and Treating Sleep Disorders in the Elderly. **2006**, 395-410
- 293 Long-Term Use of Sleeping Pills in Chronic Insomnia. **2006**, 135-140 1
- 292 Monitoring Pediatric Sleep- Special Issues. **2007**, 2, 80-89
- 291 Actigraphy, does it add value?. **2009**, 4, 6-11
- 290 Sleep Problems and Nightmares. **2009**, 965-972
- 289 Seasonal Changes in Daily Activity and Sleep of Elderly People Living at Home :. **2010**, 46, 267-271
- 288 Neuropsychological Function and Quality of Life. **2011**, 143-170 1
- 287 Naturaleza y tratamiento del insomnio. **2011**, 361-376
- 286 Alteraciones del sueño en las enfermedades médicas generales. **2011**, 550-580
- 285 Exploring Interaction Strategies in the Context of Sleep. **2011**, 19-36 3
- 284 Choosing a mattress: Using actigraphy and diary reports to identify a mattress that provides best sleep. 0
- 283 How to Measure Circadian Rhythmicity in Humans. **2011**, 477-488
- 282 Choosing the Best Mattress: An Experiment in Testing Whether Individuals Choose a Bed that Leads to Improved Sleep.

- 281 Passive Sleep Actigraphy: Evaluating a Non-contact Method of Monitoring Sleep. **2012**, 157-164 2
- 280 Sleep Wake Patterns and Nocturnal Sleep Parameters in the Morning and Evening Types. **2012**, 51, 218
- 279 Psychological Rhythmicities. **2013**, 127-146 1
- 278 Temps d' clairement saisonnier, mouvements nocturnes et diurnes chez un groupe d'enfants porteurs d'un trouble d'ficit de l'attention/hyperactivit (TDA/H). **2013**, 42, 321
- 277 Evaluation of Insomnia. **2013**, 8, 158-163
- 276 Sleep Disturbances in Cancer Survivors. **2014**, 193-204
- 275 n analysis of sleep patterns in children with Autism spectrum disorder. **2015**, 20, 765-783
- 274 Quantitative Analysis of Actigraphy in Sleep Research. **2016**, 23, 10-15 3
- 273 Daily Activities and Sleep Durations of Patients with Ischemic Heart Disease Who Were Discharged to Their Homes after Elective Percutaneous Coronary Intervention. **2017**, 07, 318-328
- 272 [The role of subjective methods for the evaluation of sleep quality]. **2017**, 117, 34-41 2
- 271 Actimetry in infant sleep research: an approach to facilitate comparability.
- 270 Evaluation and Management of a Sleepy Child. **2019**, 87-104
- 269 Schlaf von Athletinnen und Athleten. **2019**, 97-110
- 268 Experience sampling in the study of sleep and wakefulness. **2019**, 67-80
- 267 A Study on Application of Fatigue Risk Management System for Pilot to Fly Longer Hours. **2019**, 27, 47-53 2
- 266 Predicting Attentional Impairment in Women With Posttraumatic Stress Disorder Using Self-Reported and Objective Measures of Sleep. **2019**, 15, 1329-1336 0
- 265 Actigraphy in brain-injured patients A valid measurement for assessing circadian rhythms?.
- 264 Effets des stages de soir sur le sommeil et l'apprentissage d'tudiantes en soins infirmiers: l'port d'ne recherche mixte pour identifier des recommandations favorisant la r'ussite. **2019**, 5, 100179

- 263 iSleep. **2020**, 16, 1-32 5
- 262 Circadian Rhythm Sleep-Wake Disorders. **2020**, 26, 988-1002 1
- 261 Do Children of Patients with Bipolar Disorder have a Worse Perception of Sleep Quality?. **2020**,
- 260 On the Possibility of Mathematical Unification for the Currently Applied Analysis of Actigraphic Recordings. **2022**, 1-7
- 259 Positive Approaches to Promote and Support Changes in Health Behavior. **2020**, 259-273 1
- 258 Hypersomnia and Narcolepsy. **2020**, 169-188
- 257 Sleep Mediates Age-Related Executive Function for Older Adults with Limited Cognitive Reserve. **2021**, 27, 711-721 1
- 256 The acute effects of sleep restriction therapy for insomnia on circadian timing and vigilance. **2021**, 30, e13260 2
- 255 Effects of noise on sleep. **2021**,
- 254 Wearable and nonwearable sleep-tracking devices. **2022**, 191-214
- 253 Low-cost fitness and activity trackers for biometric authentication. **2020**, 6, 0
- 252 Actigraphy. **2021**,
- 251 Sleep disorders and aging. **2020**, 211-222
- 250 Effectiveness of a Novel Sleep Clinical Pathway in an Inpatient Musculoskeletal Rehabilitation Cohort: A Pilot Randomized Controlled Trial. **2020**, 3, 1000029
- 249 The effect of acute sleep deprivation on skeletal muscle protein synthesis and the hormonal environment.
- 248 Self-reported sleep problems are related to cortical thinning in aging but not memory decline and amyloid- β accumulation [results from the Lifebrain consortium].
- 247 Sleep and Quality of Life in ADHD. **2008**, 261-280
- 246 Sleep and Systemic Lupus Erythematosus. **2008**, 433-443

245	Assessing the validity and reliability and determining cut-points of the Actiwatch 2 in measuring physical activity. 2020 , 41, 085001		0
244	Personalized User Modelling for Sleep Insight. 2020 ,		0
243	The Association Between Physiological Sources of Pain and Sleep Quality in Older Adults With and Without Dementia. 2020 , 13, 297-308		
242	Nonparametric time series summary statistics for high-frequency accelerometry data from individuals with advanced dementia. 2020 , 15, e0239368		1
241	Determinants of postpartum sleep duration and sleep efficiency in minority women. <i>Sleep</i> , 2021 , 44,	1.1	0
240	Nightly sleep duration in the 2-week period preceding multiple sleep latency testing. 2007 , 3, 613-9		14
239	Sleep pattern differences between older adult dementia caregivers and older adult noncaregivers using objective and subjective measures. 2008 , 4, 362-9		39
238	Intention to exercise in patients with obstructive sleep apnea. 2007 , 3, 689-94		9
237	Vagal regulation, cortisol, and sleep disruption in women with metastatic breast cancer. 2008 , 4, 441-9		33
236	The validity of wrist actimetry assessment of sleep with and without sleep apnea. 2008 , 4, 450-5		17
235	Home is where sleep is: an ecological approach to test the validity of actigraphy for the assessment of insomnia. 2010 , 6, 21-9		30
234	Validity of activity-based devices to estimate sleep. 2010 , 6, 336-42		73
233	Sleep dysfunction in patients with cancer. 2007 , 9, 337-46		33
232	Quality of sleep in patients with posttraumatic stress disorder. 2010 , 7, 21-7		6
231	Attention deficit hyperactivity disorder (ADHD) in children, seasonal photoperiods, nocturnal movements and diurnal agitation. 2012 , 21, 53-8		4
230	Challenges in Maintaining Emotion Regulation in a Sleep and Energy Deprived State Induced by the 4800Km Ultra-Endurance Bicycle Race; The Race Across America (RAAM). 2013 , 12, 481-8		24
229	Sleep and inflammatory bowel disease: exploring the relationship between sleep disturbances and inflammation. 2013 , 9, 718-27		20
228	Sleep-hygiene Education improves Sleep Indices in Elite Female Athletes. 2017 , 10, 522-530		42

227	Actigraphy-based Sleep Parameters and Rest-activity Circadian Rhythm in a Young Scoliotic Patient Treated with Rigid Bracing: A Case Study. 2019 , 92, 205-212	4
226	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. 2019 , 11, 314-333	4
225	Relationship of actigraphy-assessed sleep efficiency and sleep duration to reactivity to stress. 2019 , 12, 257-264	2
224	The Effect of Timing and Type of Exercise on the Quality of Sleep in Trained Individuals. 2020 , 13, 837-858	2
223	The START study: An evaluation to study the impact of a natural experiment in high school start times on adolescent weight and related behaviors. 2020 , 6, 66-86	1
222	Measuring sleep health. 2022 , 37-71	
221	The influence of integrative lighting on sleep and cognitive functioning of shift workers during the morning shift in an assembly plant. 2022 , 99, 103618	0
220	Concordance between self-reported sleep and actigraphy-assessed sleep in adult survivors of childhood cancer: the impact of psychological and neurocognitive late effects. 2021 , 1	1
219	An IoT-Based Intelligent Sleep Quality Monitoring System. 2021 ,	
218	Using Actigraphy and Heart Rate Variability (HRV) to Assess Sleep Quality and Sleep Arousal of Three App-Based Interventions: Sleep Music, Sleepcasts, and Guided Mindfulness. 1	0
217	What is in a name? Definitions of insomnia in people with intellectual disabilities. 2021 ,	
216	Human chronotype: Comparison of questionnaires and wrist-worn actigraphy. 2021 , 1-16	1
215	Prevalence of Sleep Disturbances in Pediatric Cancer Patients and Their Diagnosis and Management.. 2021 , 8,	0
214	Use of technology for real-world sleep and circadian research. 2021 ,	0
213	A Systematic Review of the Relationships Between Physical Activity and Sleep in Early Childhood. 2021 , 1-17	0
212	A New Sleep Staging System for Type III Sleep Studies Equipped with a Tracheal Sound Sensor. 2021 , PP,	
211	Comparison of objective and subjective sleep parameters in patients with bipolar disorder in both euthymic and residual symptomatic periods.. 2021 , 145, 190-196	1
210	Verification methodology for Smart Awakening Systems. 2021 , 2021, 7223-7228	

209	Validation of the Chinese version of the Munich Chronotype Questionnaire (MCTQ) in Hong Kong Chinese youths.. 2022 , 1-12	1
208	An exploratory study of associations between sleep timing variability and cardiometabolic health in middle-aged adults with type 2 diabetes mellitus.. 2022 , 1-10	0
207	Performance of a Multisensor Smart Ring to Evaluate Sleep: In-Lab and Home-Based Evaluation Relative to Polysomnography and Actigraphy: Importance of Generalized Versus Personalized Scoring.	0
206	Examining the Use of a Rest-Activity Ratio in a Pediatric Rehabilitation Setting.. 2022 ,	0
205	Chronodisruption and Ambulatory Circadian Monitoring in Cancer Patients: Beyond the Body Clock.. 2022 , 24, 135	1
204	Exploring Predictors of Sleep State Misperception in Women with Posttraumatic Stress Disorder.. 2022 , 1-11	
203	A non-parametric model: free analysis of actigraphic recordings of acute insomnia patients.. 2022 , 9, 210463	
202	Racial Disparities in Sleep: Potential Mediation by Discrimination and Psychological Distress.. 2022 , 1	0
201	Sleep Architecture in Response to a Late Evening Competition in Team-Sport Athletes.. 2022 , 1-7	
200	Effect of Sleep Extension on Objectively Assessed Energy Intake Among Adults With Overweight in Real-life Settings: A Randomized Clinical Trial.. 2022 ,	6
199	Melatonergic agents influence the sleep-wake and circadian rhythms in healthy and psychiatric participants: a systematic review and meta-analysis of randomized controlled trials.. 2022 ,	1
198	Enhancing cosinor analysis of circadian phase markers using the gamma distribution.. 2022 , 92, 1-3	0
197	Sleep patterns of patients on home parenteral nutrition: a home-based observational study.. 2022 ,	0
196	Measurement Methods of Fatigue, Sleepiness, and Sleep Behaviour Aboard Ships: A Systematic Review.. 2021 , 19,	4
195	Temporal-scale dependent dynamical characteristics of EEG reflecting circadian rhythms. 2022 , 13, 421-426	0
194	Comparing polysomnography, actigraphy, and sleep diary in the home environment: The Study of Women's Health Across the Nation (SWAN) Sleep Study.. 2022 , 3, zpac001	1
193	Do Children of Patients with Bipolar Disorder have a Worse Perception of Sleep Quality?. 2022 ,	
192	Temporal Associations Between Daytime Napping and Nocturnal Sleep: An Exploration of Random Slopes.. 2022 ,	1

191	The Importance of Sleep in Athletes.			1
190	ASSOCIATION BETWEEN ALTERED CORTISOL PROFILES AND NEUROBEHAVIORAL IMPAIRMENT FOLLOWING mTBI IN COLLEGE STUDENTS.. 2022,			1
189	Sleep duration and brain structure phenotypic associations and genotypic covariance.			0
188	Sleep during travel balances individual sleep needs.. 2022,			0
187	Evaluation of a Circadian Rhythm and Sleep-Focused Mobile Health Intervention for the Prevention of Accelerated Summer Weight Gain Among Elementary School-Age Children: Protocol for a Randomized Controlled Feasibility Study.. 2022, 11, e37002			
186	Ecological and social pressures interfere with homeostatic sleep regulation in the wild.. 2022, 11,			4
185	Evaluation of the feasibility, acceptability, and preliminary efficacy of the i?rhythm project among elementary school-age children and their parents: Protocol for a randomized controlled feasibility study (Preprint).			
184	Combining cardiac monitoring with actigraphy aids nocturnal arousal detection during ambulatory sleep assessment in insomnia.. <i>Sleep, 2022,</i>	1.1		0
183	Blunted rest-activity rhythm is associated with increased white blood-cell-based inflammatory markers in adults: an analysis from NHANES 2011-2014.. 2022, 1-8			0
182	Rest-activity circadian rhythm and impaired glucose tolerance in adults: an analysis of NHANES 2011-2014.. 2022, 10,			1
181	Performance of Four Commercial Wearable Sleep-Tracking Devices Tested Under Unrestricted Conditions at Home in Healthy Young Adults.. 2022, 14, 493-516			2
180	Handling missing data in rest-activity time series measured by actimetry.. 2022, 1-12			0
179	Preventing Sleep Disruption With Bright Light Therapy During Chemotherapy for Breast Cancer: A Phase II Randomized Controlled Trial.. 2022, 16, 815872			0
178	Evaluation of a Brief Sleep Intervention Designed to Improve the Sleep, Mood, and Cognitive Performance of Esports Athletes.. 2022, 19,			0
177	Re-examining extreme sleep duration in bats: implications for sleep phylogeny, ecology and function.. <i>Sleep, 2022,</i>	1.1		0
176	Estimating Circadian Phase in Elementary School Children: Leveraging Advances in Physiologically-Informed Models of Circadian Entrainment and Wearable Devices.. <i>Sleep, 2022,</i>	1.1		1
175	Validation of Candidate Sleep Disorder Risk Genes Using Zebrafish.. 2022, 15, 873520			0
174	Impact of intermittently scanned continuous glucose monitoring with alarms on sleep and metabolic outcomes in children and adolescents with type 1 diabetes.. 2022, 1			1

173	Feasibility and the effects of an online mindfulness-based health promotion program on college students' sleep, circadian rhythms, and well-being: protocol for a randomized trial [CIRCAMIND study]. 2022 , 102127		
172	Development of Circadian Rest-Activity Rhythms During the First Year of Life in a Racially Diverse Cohort.. <i>Sleep</i> , 2022 ,	1.1	0
171	Exploring the relationship of sleep, cognition, and cortisol in sickle cell disease. 2022 , 10, 100128		0
170	The relationship between stress responding in family context and stress sensitivity with sleep dysfunction in individuals at clinical high-risk for psychosis.. 2022 , 149, 194-200		0
169	Electrodermal activity based autonomic sleep staging using wrist wearable. 2022 , 75, 103562		0
168	Temporal relationships of ecological momentary mood and actigraphy-based sleep measures in bipolar disorder.. 2022 , 150, 257-263		0
167	A preliminary investigation of the role of intraindividual sleep variability in substance use treatment outcomes.. 2022 , 131, 107315		3
166	Influence of Study Composition on the Efficacy of Sleep Detection Using Actigraphy. 2021 , 2021, 7530-7534		
165	Differentiation Model for Insomnia Disorder and the Respiratory Arousal Threshold Phenotype in Obstructive Sleep Apnea in the Taiwanese Population Based on Oximetry and Anthropometric Features.. 2021 , 12,		1
164	Reductions in sleep quality and circadian activity rhythmicity predict longitudinal changes in objective and subjective cognitive functioning in women treated for breast cancer.. 2021 , 30, 3187		1
163	Deep-Learning Approach to Predict Survival Outcomes Using Wearable Actigraphy Device Among End-Stage Cancer Patients.. 2021 , 9, 730150		2
162	The relationship between autism spectrum and sleep-wake traits.. 2021 ,		0
161	Rest-Activity Pattern and Circadian Phase Alterations Across the Alzheimer's Disease Clinical Spectrum. 2021 , 3, 137-141		1
160	Machine learning approaches for screening the risk of obstructive sleep apnea in the Taiwan population based on body profile. 2021 , 1-16		1
159	Drug-Drug Interaction Between Orally Administered Hydrocodone-Acetaminophen and Inhalation of Cannabis Smoke: A Case Report. 001857872110613		0
158	MSLife. 2021 , 5, 1-35		1
157	Real-world multimodal lifelog dataset for human behavior study.		1
156	Detailed analysis and comparison of different activity metrics.. 2021 , 16, e0261718		0

155	Do Daytime Activity, Mood and Unit Tumult Predict Nighttime Sleep Quality of Long-Term Care Residents?. 2021 , 10,	1
154	Environmental Noise and Health. 2022 , 53-84	0
153	Technologies for Quantifying Sleep: Improved Quality of Life or Overwhelming Gadgets?. 2022 , 151-164	
152	Time Course of Motor Sleep Inertia Dissipation According to Age.. 2022 , 12,	0
151	Feasibility and preliminary efficacy for morning bright light therapy to improve sleep and plasma biomarkers in US Veterans with TBI. A prospective, open-label, single-arm trial.. 2022 , 17, e0262955	1
150	Effects of dynamic bedroom lighting on measures of sleep and circadian rest-activity rhythm in inpatients with major depressive disorder.. 2022 , 12, 6137	1
149	Sleep During Oncological Treatment - A Systematic Review and Meta-Analysis of Associations With Treatment Response, Time to Progression and Survival.. 2022 , 16, 817837	0
148	Jointly modeling of sleep variables that are objectively measured by wrist actigraphy.. 2022 ,	0
147	Multi-Night at-Home Evaluation of Improved Sleep Detection and Classification with a Memory-Enhanced Consumer Sleep Tracker.. 2022 , 14, 645-660	1
146	Objective and subjective sleep and caregiving feelings in mothers of infants: A longitudinal daily diary study.. <i>Sleep</i> , 2022 ,	1.1
145	Sleep and its disorders: clinical science. 160-169	
144	Table_1.docx. 2020 ,	
143	DataSheet_1.pdf. 2019 ,	
142	Table_1.DOCX. 2019 ,	
141	Data_Sheet_1.docx. 2020 ,	
140	Comparison of activPAL and Actiwatch for Estimations of Time in Bed in Free-Living Adults. 2022 , 1-6	
139	Sleep Disturbances Following Traumatic Brain Injury.	
138	Association between Stages of Hepatic Steatosis and Physical Activity Performance in Adults with Metabolic Syndrome: A Cross-Sectional Analysis in FLIPAN Study.. 2022 , 14,	0

137	Can Fitness Trackers Track Sleep?. 2022 , 19, 1-5		
136	The moderating role of sleep duration on momentary relations between negative affect and loss-of-control eating in children and adolescents.. 2022 ,		0
135	A Study on the Biomathematical Model Approach for Aviation Fatigue Risk Management. 2022 , 32, 4-12		1
134	Clinical Differences of Insomnia Subtype According to Actigraphy Based Objective Short Sleep, Subjective Short Sleep, and Normal Sleep. 2022 , 19, 12-20		
133	Evaluating Patterns and Factors Related to Sleep Disturbances in Prostate Cancer Patients. 2022 , 10, 832		0
132	Impairment of sleep homeostasis in cervical dystonia patients.. 2022 , 12, 6866		0
131	Sensor technology in eating disorders research: A systematic review.. 2022 ,		0
130	Detecting sleep outside the clinic using wearable heart rate devices.. 2022 , 12, 7956		1
129	Sleep Disturbances, Changes in Sleep, and Cognitive Function in Low-Income African Americans.. 2022 ,		0
128	Friend or Foe: a Narrative Review of the Impact of Diabetes Technology on Sleep.. 2022 ,		1
127	The temporal relationships between sleep disturbance and autonomic Dysregulation: A co-twin control study.. 2022 ,		1
126	Home-Based Assessment of Sleep Quality and Post Concussive Symptoms in Veterans with Mild Traumatic Brain Injury. 2022 , 80-90		
125	Potentials and Challenges of Pervasive Sensing in the Intensive Care Unit. 2022 , 4,		0
124	The Effects of Personalized Sleep Feedback on Habitual Sleep Behavior and Momentary Symptoms in Daily Life: Mobile Health Intervention Trial using a Healthcare IoT System (Preprint).		
123	Work schedule and seasonal influences on sleep and fatigue in helicopter and fixed-wing aircraft operations in extreme environments.. 2022 , 12, 8263		1
122	Sleep health and the circadian rest-activity pattern four months after COVID-19.. 2022 , 48, e20210398		0
121	Comparison of objective and subjective sleep time and quality in hospitalized recipients of hematopoietic stem cell transplantation. 2022 , 100082		
120	Development and testing of methods for detecting off-wrist in actimetry recordings. <i>Sleep</i> ,	1.1	0

- 119 Night-to-night associations between light exposure and sleep health.
- 118 The link between sleep and quality of life in childhood traumatic brain injury. **2022**, 563-573
- 117 Toward a Digital Future in Bipolar Disorder Assessment: A Systematic Review of Disruptions in the Rest-Activity Cycle as Measured by Actigraphy. **2022**, 13, 0
- 116 Insomnia in the Older Adult. **2022**, 17, 233-239 1
- 115 Physiologic dysregulation in newborns with prenatal opioid exposure: Cardiac, respiratory and movement activity. **2022**, 92, 107105 0
- 114 Bayesian Approximations to Hidden Semi-Markov Models for Telemetric Monitoring of Physical Activity. **2022**, -1,
- 113 Evaluating the Use of Digital Biomarkers to Test Treatment Effects on Cognition and Movement in Patients with Lewy Body Dementia. **2022**, 1-14 0
- 112 Who sleeps more and who works longer in the US Navy: Officers or enlisted personnel?. **2022**, 703 0
- 111 Exploring the prevalence and burden of sleep disturbance in primary brain tumor patients.
- 110 Human fertility and sleep disturbances: A narrative review. **2022**, 0
- 109 Performance of a Multisensor Smart Ring to Evaluate Sleep: In-Lab and Home-Based Evaluation of Generalized and Personalized Algorithms. *Sleep*, 1.1 0
- 108 Sleep Measurement Using Wrist-Worn Accelerometer Data Compared with Polysomnography. **2022**, 22, 5041 0
- 107 The impact of lithium on circadian rhythms and implications for bipolar disorder pharmacotherapy. **2022**, 786, 136772
- 106 Estimation of Circadian Rhythms Using Complexity Analysis with Temporal Scale Dependency in Electroencephalogram Signals. **2021**,
- 105 The Effects of Objective Push-type Sleep Feedback on Habitual Sleep Behavior and Momentary Symptoms in Daily Life: Mobile Health Intervention Trial using a Healthcare IoT System (Preprint).
- 104 Feasibility, usability and clinical value of intensive longitudinal diary assessments in older persons with cognitive impairment and depressive symptoms. 1-10
- 103 Sleep and circadian disturbance in disorders of consciousness: current methods and the way towards clinical implementation. 1
- 102 Actigraphy monitoring in anxiety disorders: A mini-review of the literature. 13, 0

101 Nighttime Sleep Characteristics and White Matter Integrity in Young Adults. Volume 14, 1363-1373

100 Sleep monitoring for individuals with spinal cord injury using contact-free bed sensors.

99 Sleep Disturbances and Disorders in Patients with Knee Osteoarthritis and Total Knee Arthroplasty. Publish Ahead of Print, 0

98 A comparison of agreement between actigraphy and polysomnography for assessing sleep during post-traumatic amnesia. 0

97 Evidence of White Matter Integrity Changes in the Anterior Cingulum Among Shift Workers: A Cross-Sectional Study. Volume 14, 1417-1425

96 Sleep and spa therapies: What is the role of balneotherapy associated with exercise? A systematic review. 13, 1

95 An Update on Prevalence, Assessment, and Risk Factors for Sleep Disturbances in Patients with Advanced Cancer Implications for Health Care Providers and Clinical Research. **2022**, 14, 3933

94 Bidirectional Relations Between Daily Stress and Sleep Among Black Emerging Adults.

93 Investigating Wrist-Based Acceleration Summary Measures across Different Sample Rates towards 24-Hour Physical Activity and Sleep Profile Assessment. **2022**, 22, 6152 1

92 Passively Captured Interpersonal Social Interactions and Motion From Smartphones for Predicting Decompensation in Heart Failure: Observational Cohort Study. **2022**, 6, e36972

91 Treatment Fidelity in a Randomized Controlled Trial of Cognitive Behavioral Therapy for Insomnia in Heart Failure. Publish Ahead of Print,

90 Sleep disruption induces activation of inflammation and heightens risk for infectious disease: Role of impairments in thermoregulation and elevated ambient temperature. 1-37

89 Human circadian rhythm studies: Practical guidelines for inclusion/exclusion criteria and protocol. **2022**, 13, 100080 1

88 Diurnal and Nocturnal Behaviour of Cheetahs (*Acinonyx jubatus*) and Lions (*Panthera leo*) in Zoos. **2022**, 12, 2367 1

87 Association between daily sleep duration and the risk of incident dementia according to the presence or absence of diseases among older Japanese individuals in the New Integrated Suburban Seniority Investigation (NISSIN) project. **2022**, 100, 190-195 0

86 Delayed circadian rhythms and insomnia symptoms in obsessive-compulsive disorder. **2022**, 318, 94-102 0

85 Recent Advancement in Sleep Technologies: A Literature Review on Clinical Standards, Sensors, Apps, and AI Methods. **2022**, 1-1 1

84 A Digital Health Intervention to Stabilize the 24-Hour Rhythm of Sleep, Meals, and Physical Activity for Reducing Depression Among Older Bereaved Spouses: Protocol for a Randomized Controlled Trial. 0

83	ConvNet and machine learning models with feature engineering using motor activity data for schizophrenia classification. 2022,	0
82	Automated classification of sleep and wake from single day triaxial accelerometer data. 2022,	0
81	Dynamic Characteristics of State Transitions Composed of Neural Activity in the Brain by Circadian Rhythms. 2022,	0
80	Sleep-onset time variability and sleep characteristics on weekday and weekend nights in patients with COPD. e20210412	0
79	Circadian rhythms in multiple behaviors depend on sex, neuropeptide signaling, and ambient light.	0
78	Shine light on sleep: Morning bright light improves nocturnal sleep and next morning alertness among college students.	1
77	The Impact of Missing Data and Imputation Methods on the Analysis of 24-Hour Activity Patterns. 2022, 4, 497-507	1
76	Blunted rest-activity circadian rhythm is associated with increased rate of biological aging: an analysis of NHANES 2011-2014.	0
75	Estimating circadian rhythm across infancy: Development of intra- and interdaily stability, and relative amplitude. 2022, 1, 445-463	0
74	Actigraphic sleep monitoring in patients with posttraumatic stress disorder (PTSD): A meta-analysis. 2022,	0
73	Associations of 24-hour Light Exposure and Activity Patterns and Risk of Cognitive Impairment and Decline in Older Men: The MrOS Sleep Study.	0
72	Understanding and approaching excessive daytime sleepiness. 2022, 400, 1033-1046	1
71	Prediction of schizophrenia from activity data using hidden Markov model parameters.	0
70	Objective Sleep Quality and the Underlying Functional Neural Correlates Among Older Adults with Possible Mild Cognitive Impairment. 2022, 1-10	0
69	Sleep and Social Wellness: Does Current Subjective and Objective Sleep Inform Future Social Well-Being?. 2022, 19, 11668	0
68	Sleep, circadian rhythm characteristics and melatonin levels in later life adults with and without coronary artery disease.	0
67	Circadian rhythms and disorders of the timing of sleep. 2022, 400, 1061-1078	7
66	The Impact of Physical Activity on the Circadian System: Benefits for Health, Performance and Wellbeing. 2022, 12, 9220	2

- 65 Sleep-wake Disturbance following Allogeneic Hematopoietic Stem Cell Transplantation: Trajectory and Correlates. ○
- 64 Distinguer la narcolepsie de type 2, l'hypersomnie idiopathique, la dépression et la somnolence dans le syndrome post-COVID-19. **2022**, ○
- 63 Compression of the optic chiasm is associated with reduced photoentrainment of the central biological clock. **2022**, ○
- 62 Sleep Apnea and Physical Movement During Sleep, But Not Sleep Duration, Are Independently Associated With Progression of Left Ventricular Diastolic Dysfunction: Prospective Hyogo Sleep Cardio-Autonomic Atherosclerosis Cohort Study. **2022**, 11, ○
- 61 Direct and Indirect Sleep Assessment in Children with Autism Spectrum Disorder. **2022**, 47-58 ○
- 60 Assessment of sleep and circadian rhythms of endocrine and immune function among women With advanced breast cancer. 263208432211344 ○
- 59 Sensing Devices for Detecting and Processing Acoustic Signals in Healthcare. **2022**, 12, 835 ○
- 58 Actigraphy in studies on insomnia: Worth the effort?. ○
- 57 Menopausal Vasomotor Symptoms and White Matter Hyperintensities in Midlife Women. 10.1212/WNL.0000000000002014 ○
- 56 Circadian disruption and cancer- and treatment-related symptoms. 12, 1 ○
- 55 Associations of circadian rest/activity rhythms with cognition in middle-aged and older adults: Demographic and genetic interactions. 16, ○
- 54 Association of hormone therapy and changes of objective sleep quality in women of late menopausal transition with sleep disorder: a preliminary study. **2022**, 29, 1296-1307 ○
- 53 The effect of exercise on academic fatigue and sleep quality among university students. 13, ○
- 52 Protocol for single case experimental design for yoga and sleep quality and inflammation: A two-hit model of sleep intervention. **2022**, 101028 ○
- 51 Actigraphy-Based Assessment of Sleep Parameters in Intensive Care Unit Patients Receiving Respiratory Support Therapy. **2022**, 15, 115-127 ○
- 50 Sleep and Circadian Disturbance in Cardiovascular Risk. 1 ○
- 49 The complexities of the sleep-pain relationship in adolescents: A critical review. **2022**, 101715 ○
- 48 A Combination of Rosa Multiflora and Zizyphus Jujuba Enhance Sleep Quality in Anesthesia-Induced Mice. **2022**, 23, 14177 ○

- 47 Symptom dynamics among nightmare sufferers: An intensive longitudinal study. ○
- 46 A digital health intervention to stabilize the 24-hour rhythm of sleep, meals, and physical activity for reducing depression among older bereaved spouses: Protocol for a randomized controlled trial. **2022**, 107016 ○
- 45 The impact of sleep components, quality and patterns on glymphatic system functioning in healthy adults: A systematic review. **2023**, 101, 322-349 ○
- 44 Convergence Between the Child Behavior Checklist Sleep Items, Actigraphy and Other Sleep Measures Among Children of Parents with Alcoholic Disorders and Controls. Volume 14, 2107-2121 ○
- 43 Relationship between nocturnal enuresis and sleep in children and adolescents. ○
- 42 The Effect of Autogenic Training in a Form of Audio Recording on Sleep Quality and Physiological Stress Reactions of University Athletes Pilot Study. **2022**, 19, 16043 2
- 41 Blunted rest-activity circadian rhythm increases the risk of all-cause, cardiovascular disease and cancer mortality in US adults. **2022**, 12, ○
- 40 Different Intensities of Evening Exercise on Sleep in Healthy Adults: A Systematic Review and Network Meta-Analysis. Volume 14, 2157-2177 1
- 39 Eye-Masks and Earplugs to Improve Night Sleep Duration in Nulliparas: A Randomized Trial. **2022**, ○
- 38 Theoretical construct into blocks of actigraphic-derived sleep parameters. 1-12 1
- 37 Validity of Two Consumer Multisport Activity Tracker and One Accelerometer against Polysomnography for Measuring Sleep Parameters and Vital Data in a Laboratory Setting in Sleep Patients. **2022**, 22, 9540 ○
- 36 Sleep/wake cycle and daytime sleepiness in patients with epilepsy after initiating perampanel as adjunctive therapy. ○
- 35 Circadian rest-activity rhythm and longitudinal brain changes underlying late-life cognitive decline. ○
- 34 Using actigraphy to monitor sleep-wake patterns in bipolar disorder [A case study]. **2014**, 1, 37-41 ○
- 33 Verification, analytical validation and clinical validation (V3) of wearable dosimeters and light loggers. **2022**, 8, 205520762211448 ○
- 32 Detection of circadian rhythm disturbance of carbachol-induced beta wave dynamics in rat hippocampal slices using neural networks. 1-7 ○
- 31 Utility of Wrist-Wearable Data for Assessing Pain, Sleep, and Anxiety Outcomes After Traumatic Stress Exposure. ○
- 30 Stellate Ganglion Block Improves Postoperative Sleep Quality and Analgesia in Patients with Breast Cancer: A Randomized Controlled Trial. ○

- 29 Objective and Subjective Sleep Patterns in Adults With Maturity-Onset Diabetes of the Young (MODY). ○
- 28 New Insights into Stroke from Continuous Passively Collected Temperature and Sleep Data Using Wrist-Worn Wearables. **2023**, 23, 1069 ○
- 27 Postpartum Behavioral Sleep Intervention for Smoking Relapse Prevention: A Pilot Trial. ○
- 26 What we are pushed to do versus what we want to do: Comparing the unique effects of citizenship pressure and actual citizenship behavior on fatigue and family behaviors. **2023**, 103845 ○
- 25 Human Sleep Landscape Revealed by Large-scale Sleep Analysis. **2022**, 62, 357-359 ○
- 24 Sleep disruption in older surgical patients and its important implications. Publish Ahead of Print, ○
- 23 School Attendance, Chronotype, and Day-of-the-Week Effect in Adolescent Male Basketball Players. 074873042211443 ○
- 22 Actigraphy-based sleep and activity measurements in intensive care unit patients randomized to ramelteon or placebo for delirium prevention. **2023**, 13, ○
- 21 Daytime Sleep-Tracking Performance of Four Commercial Wearable Devices During Unrestricted Home Sleep. Volume 15, 151-164 ○
- 20 Association of circadian rest-activity rhythms with cardiovascular disease and mortality in type 2 diabetes. **2023**, 197, 110262 ○
- 19 The evolving role of quantitative actigraphy in clinical sleep medicine. **2023**, 68, 101762 ○
- 18 Impacts of COVID-19 Pandemic on Sleep Quality Evaluated by Wrist Actigraphy: A Systematic Review. **2023**, 12, 1182 1
- 17 Associations between circadian disruption and cardiometabolic disease risk: A review. **2023**, 31, 615-624 ○
- 16 Associations Between ADHD, Sleep Problems, and Mental Health Symptoms in Adolescents. **2023**, 27, 635-642 ○
- 15 Opal Actigraphy (Activity and Sleep) Measures Compared to ActiGraph: A Validation Study. **2023**, 23, 2296 ○
- 14 Circadian Rest-Activity Rhythms, Delirium Risk, and Progression to Dementia. ○
- 13 Wearable-based Physical Activity as a Digital Biomarker of Inflammation, Biological Age, and Mortality: A Hierarchical Clustering Analysis of NHANES 2011-2014. ○
- 12 Actigraphy in clinical sleep medicine. **2023**, 68, 101767 ○

- 11 Objective Diagnosis of Circadian Rhythm Disorders. **2023**, 40, 230-235 ○
- 10 Association between rest-activity rhythm and cognitive function in the elderly: The U.S. National Health and Nutrition Examination Survey, 2011-2014. 14, ○
- 9 General spectral characteristics of human activity and its inherent scale-free fluctuations. ○
- 8 Acute effects of fresh versus dried Hayward green kiwifruit on sleep quality, mood, and sleep-related urinary metabolites in healthy young men with good and poor sleep quality. 10, ○
- 7 Sleep/Wake Disorders After Sports Concussion: Risks, Revelations, and Interventions. **2023**, Publish Ahead of Print, ○
- 6 Impact of 6 months Use of Intermittently Scanned Continuous Glucose Monitoring on Habitual Sleep Patterns and Sleep Quality in Adolescents and Young Adults with Type 1 Diabetes and High-Risk HbA1c. **2023**, 2023, 1-10 ○
- 5 Design of the Think PHRESH longitudinal cohort study: Neighborhood disadvantage, cognitive aging, and Alzheimer disease risk in disinvested, Black neighborhoods. **2023**, 23, ○
- 4 CARE: a novel wearable-derived feature linking circadian amplitude to human cognitive functions. ○
- 3 Sleep IntervEntion as Symptom Treatment for ADHD (SIESTA)-Blended CBT sleep intervention to improve sleep, ADHD symptoms and related problems in adolescents with ADHD: Protocol for a randomised controlled trial. **2023**, 13, e065355 ○
- 2 TimeTeller for timing health: The potential of circadian medicine to improve performance, prevent disease and optimize treatment. 5, ○
- 1 Overweight Impairs Postural Control of Female Night Workers. **2023**, 16, 029-037 ○