

# CITATION REPORT

List of articles citing

**Activity-based sleep-wake identification: an empirical test of methodological issues**

**DOI: 10.1093/sleep/17.3.201**  
**Sleep, 1994, 17, 201-7.**

**Source:** <https://exaly.com/paper-pdf/25524271/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
1077	The role of actigraphy in the evaluation of sleep disorders. <i>Sleep</i> , <b>1995</b> , 18, 288-302	1.1	724
1076	Activity-based assessment of sleep-wake patterns during the 1st year of life. <b>1995</b> , 18, 329-337		176
1075	Sleep and psychological characteristics of children on a psychiatric inpatient unit. <b>1995</b> , 34, 813-9		126
1074	Case study: sleep and aggressive behavior in a blind, retarded adolescent. A concomitant schedule disorder?. <b>1995</b> , 34, 820-4		10
1073	Actigraphic evaluation of handedness. <b>1996</b> , 101, 226-32		14
1072	Nocturnal activity and sleep assessment. <b>1996</b> , 16, 197-213		31
1071	Sleeping Patterns of Children and Adolescents: Developmental Trends, Disruptions, and Adaptations. <b>1996</b> , 5, 549-568		33
1070	Determination of Sleep and Wakefulness With the Actigraph Data Analysis Software (ADAS). <i>Sleep</i> , <b>1996</b> ,	1.1	1
1069	Newborns' sleep-wake patterns: the role of maternal, delivery and infant factors. <b>1996</b> , 44, 113-26		38
1068	The actigraph data analysis software: II. A novel approach to scoring and interpreting sleep-wake activity. <b>1997</b> , 85, 219-26		36
1067	An approach to studying circadian rhythms of adolescent humans. <b>1997</b> , 12, 278-89		180
1066	Sleep and Melatonin in Infants: A Preliminary Study. <i>Sleep</i> , <b>1997</b> ,	1.1	0
1065	A Comparison of Sleep Detection by Wrist Actigraphy, Behavioral Response, and Polysomnography. <i>Sleep</i> , <b>1997</b> ,	1.1	2
1064	The actigraph data analysis software: I. A novel approach to scoring and interpreting sleep-wake activity. <b>1997</b> , 85, 207-16		63
1063	Sleep quality in children with attention deficit hyperactivity disorder: an actigraphic study. <b>1997</b> , 51, 383-6		48
1062	Evaluation of the Actillum wrist actigraphy monitor in the detection of sleeping and waking. <b>1998</b> , 52, 160-1		15
1061	Daily diary and ambulatory activity monitoring of sleep in patients with insomnia associated with chronic musculoskeletal pain. <b>1998</b> , 75, 75-84		145

1060	The statistical distribution of wrist movements during sleep. <b>1998</b> , 38, 108-12		8
1059	Adolescent sleep patterns, circadian timing, and sleepiness at a transition to early school days. <i>Sleep</i> , <b>1998</b> , 21, 871-81	1.1	561
1058	Direct comparison of two widely used activity recorders. <i>Sleep</i> , <b>1998</b> , 21, 207-12	1.1	44
1057	Sleep and pulmonary function in children with well-controlled, stable asthma. <i>Sleep</i> , <b>1998</b> , 21, 379-84	1.1	68
1056	Developmental Features of Sleep. <b>1999</b> , 8, 695-725		166
1055	Wrist Actigraphic Measures of Sleep in Space. <i>Sleep</i> , <b>1999</b> ,	1.1	1
1054	A double-blind, placebo-controlled investigation of the effects of fexofenadine, loratadine and promethazine on cognitive and psychomotor function. <b>1999</b> , 48, 200-6		71
1053	Computerized monitoring of physical activity and sleep in postoperative abdominal surgery patients. <b>1999</b> , 15, 1-8		28
1052	Naturalistic sleep monitoring in women suffering from bulimia nervosa. <b>1999</b> , 26, 315-21		30
1051	Actigraphic predictors of depressed mood in a cohort of non-psychiatric adults. <b>1999</b> , 33, 553-8		21
1050	Estimating sleep patterns with activity monitoring in children and adolescents: how many nights are necessary for reliable measures?. <i>Sleep</i> , <b>1999</b> , 22, 95-103	1.1	516
1049	Sleep patterns and sleep disruptions in school-age children.. <b>2000</b> , 36, 291-301		407
1048	Sleep-wake cycles in women with binge eating disorder. <b>2000</b> , 27, 43-8		25
1047	Sleep disturbance and nonmalignant chronic pain: a comprehensive review of the literature. <b>2000</b> , 1, 156-72		170
1046	Clinical evaluation of a pacemaker algorithm that adjusts the pacing rate during sleep using activity variance. <b>2000</b> , 23, 1509-15		17
1045	'Appears to have slept well': assessing sleep in an acute care setting. <b>2000</b> , 9, 284-94		12
1044	Sleep and psychiatric symptoms in school-age children. <b>2000</b> , 39, 502-8		193
1043	Instability of sleep patterns in children with attention-deficit/hyperactivity disorder. <b>2000</b> , 39, 495-501		224

1042	Wrist actigraphy in anesthesia. <b>2001</b> , 13, 455-60	12
1041	Sleep-wake monitoring in women suffering from anorexia nervosa. <b>2001</b> , 9, 159-66	20
1040	Sleep patterns and sleep disruptions in kindergarten children. <b>2001</b> , 30, 581-91	110
1039	Double-blind, placebo-controlled study of single-dose amphetamine formulations in ADHD. <b>2001</b> , 40, 1268-76	58
1038	Sleep polysomnography as a predictor of recurrence in children and adolescents with major depressive disorder. <b>2001</b> , 4, 159-68	62
1037	How accurately does wrist actigraphy identify the states of sleep and wakefulness?. <i>Sleep</i> , <b>2001</b> , 24, 957-65	165
1036	Sleep and its disturbance in a variant form of late infantile neuronal ceroid lipofuscinosis (CLN5). <b>2001</b> , 16, 707-13	16
1035	Effects of acute sleep restriction on behavior, sustained attention, and response inhibition in children. <b>2001</b> , 93, 213-29	199
1034	The use of actigraphy revised: the value for clinical practice in insomnia. <b>2001</b> , 92, 852-6	14
1033	Sleep-Wake Patterns in Children With Intrauterine Growth Retardation. <b>2002</b> , 17, 872-876	2
1032	Melatonin phase shifts human circadian rhythms in a placebo-controlled simulated night-work study. <b>2002</b> , 282, R454-63	86
1031	Sleep-wake patterns in children with intrauterine growth retardation. <b>2002</b> , 17, 872-6	19
1030	Temporal coherence in ultradian sleep EEG rhythms in a never-depressed, high-risk cohort of female adolescents. <b>2002</b> , 51, 446-56	36
1029	Actigraphic assessment of sleep-wake rhythm during the first 6 months of life. <b>2002</b> , 113, 1815-21	34
1028	Sleep and methods of assessment. <b>2002</b> , 37, 583-97	6
1027	The role of actigraphy in sleep medicine. <b>2002</b> , 6, 113-24	530
1026	Movement During Sleep: Associations with Posttraumatic Stress Disorder, Nightmares, and Comorbid Panic Disorder. <i>Sleep</i> , <b>2002</b> , 25, 669-676	1.1 78
1025	The Laboratory Assessment of Childhood Sleep-Wake Disorders. <b>2002</b> , 42, 73-95	

1024	How well do school-aged children comply with imposed sleep schedules at home?. <i>Sleep</i> , <b>2002</b> , 25, 739-45	1	32
1023	Actigraph placement and sleep estimation in children. <i>Sleep</i> , <b>2002</b> , 25, 235-7	1.1	34
1022	Sleep, neurobehavioral functioning, and behavior problems in school-age children. <i>Child Development</i> , <b>2002</b> , 73, 405-17	4.9	532
1021	Actigraphy in human psychopharmacology: a review. <b>2003</b> , 18, 39-49		35
1020	Actigraphic assessment of the circadian rest-activity rhythm in elderly patients hospitalized in an acute care unit. <b>2003</b> , 57, 53-8		28
1019	Correlations between subjective evaluation about own sleep and that of objective evaluation in psychophysiological insomnia. <b>2003</b> , 1, 139-140		2
1018	The effects of sleep restriction and extension on school-age children: what a difference an hour makes. <i>Child Development</i> , <b>2003</b> , 74, 444-55	4.9	524
1017	Actigraphy assessment of sleep disturbance in patients with atopic dermatitis: an objective life quality measure. <b>2003</b> , 111, 598-602		127
1016	Sleeping characteristics of adults undergoing outpatient elective surgery: a cohort study. <b>2003</b> , 15, 505-9		55
1015	Sleep among habitually violent offenders with antisocial personality disorder. <b>2003</b> , 47, 198-205		42
1014	Does melatonin improve sleep in older people? A randomised crossover trial. <b>2003</b> , 32, 164-70		58
1013	Erratum. <b>2003</b> , 52, 147		
1012	Growth hormone-insulin-like growth factor-1 axis, leptin and sleep in anorexia nervosa patients. <b>2003</b> , 47, 78-85		5
1011	Sleep and Sleep Disorders. <b>2003</b> , 1031-1042		1
1010	Feasibility of exercise during treatment for multiple myeloma. <b>2003</b> , 26, 410-9		157
1009	Self-reported sleep quality and fatigue correlates with actigraphy in midlife women with fibromyalgia. <b>2003</b> , 52, 140-7		69
1008	Sleep quality in children with juvenile rheumatoid arthritis. <b>2003</b> , 17, 193-200		15
1007	Evidence for the validity of a sleep habits survey for adolescents. <i>Sleep</i> , <b>2003</b> , 26, 213-6	1.1	496

1006	Further validation of actigraphy for sleep studies. <i>Sleep</i> , <b>2003</b> , 26, 81-5	1.1	920
1005	Automatic Sleep-Wake and Nap Analysis with a New Wrist Worn Online Activity Monitoring Device Vivago WristCare <sup>®</sup> . <i>Sleep</i> , <b>2003</b> ,	1.1	1
1004	Actigraphy in the assessment of insomnia. <i>Sleep</i> , <b>2003</b> , 26, 902-6	1.1	136
1003	Sleep and neurobehavioral functioning in boys with attention-deficit/hyperactivity disorder and no reported breathing problems. <i>Sleep</i> , <b>2004</b> , 27, 267-73	1.1	84
1002	Performance on a dual driving simulation and subtraction task following sleep restriction. <b>2004</b> , 99, 739-53		15
1001	Activity-based sleep-wake identification in infants. <b>2004</b> , 25, 1291-304		48
1000	Sleep-wake identification in infants: heart rate variability compared to actigraphy. <b>2004</b> , 2006, 442-5		8
999	Group interventions for patients with cancer and HIV disease: Part I: Effects on psychosocial and functional outcomes at different phases of illness. <b>2004</b> , 54, 29-82		35
998	Predictors of circadian sleep-wake rhythm maintenance in elders with dementia. <b>2004</b> , 8, 143-52		24
997	Blood pressure response to melatonin in type 1 diabetes. <b>2004</b> , 5, 26-31		30
996	Shorter hospital stay associated with fastrack postoperative care pathways and laparoscopic intestinal resection are not associated with increased physical activity. <b>2004</b> , 6, 477-80		21
995	Sleep and migraine: an actigraphic study. <b>2004</b> , 24, 134-9		76
994	Blood pressure-lowering effect of melatonin in type 1 diabetes. <b>2004</b> , 36, 262-6		58
993	Sleep patterns in children and adolescents with functional recurrent abdominal pain: objective versus subjective assessment. <b>2004</b> , 93, 677-680		27
992	The effect of interstate travel on sleep patterns of elite Australian Rules footballers. <b>2004</b> , 7, 186-96		35
991	Noncontact method for sleep stage estimation. <b>2004</b> , 51, 1735-48		96
990	Sleep patterns and sleep disorders in children with autistic spectrum disorders: insights using parent report and actigraphy. <i>Developmental Medicine and Child Neurology</i> , <b>2004</b> , 46, 372-80	3.3	268
989	Nonpharmacologic treatments for pediatric sleeplessness. <b>2004</b> , 51, 135-51		41

988	A novel adaptive wrist actigraphy algorithm for sleep-wake assessment in sleep apnea patients. <i>Sleep</i> , <b>2004</b> , 27, 1560-6	1.1	607
987	Effects of cognitive arousal and physiological arousal on sleep perception. <i>Sleep</i> , <b>2004</b> , 27, 69-78	1.1	148
986	The measurement of sleep by actigraphy: direct comparison of 2 commercially available actigraphs in a nonclinical population. <i>Sleep</i> , <b>2004</b> , 27, 986-9	1.1	42
985	Effects of stress on sleep: the moderating role of coping style. <b>2004</b> , 23, 542-5		152
984	A brief screening questionnaire for infant sleep problems: validation and findings for an Internet sample. <i>Pediatrics</i> , <b>2004</b> , 113, e570-7	7.4	474
983	Chapter 6 Actigraphy. <b>2005</b> , 6, 67-72		2
982	ELECTROENCEPHALOGRAPHY, POLYSOMNOGRAPHY, AND OTHER SLEEP RECORDING SYSTEMS. <b>2005</b> , 103-122		
981	Actigraphy scoring reliability in the study of osteoporotic fractures. <i>Sleep</i> , <b>2005</b> , 28, 1599-605	1.1	81
980	Actigraphic and parent reports of sleep patterns and sleep disorders in children with subtypes of attention-deficit hyperactivity disorder. <i>Sleep</i> , <b>2005</b> , 28, 1437-45	1.1	103
979	Sleep/wake patterns derived from activity monitoring and maternal report for healthy 1- to 5-year-old children. <i>Sleep</i> , <b>2005</b> , 28, 1568-77	1.1	321
978	Sevoflurane versus halothane: postoperative maladaptive behavioral changes: a randomized, controlled trial. <b>2005</b> , 102, 720-6		54
977	Actigraphic assessment of sleep in young adults with Asperger syndrome. <b>2005</b> , 59, 206-8		17
976	Investigating couples' sleep: an evaluation of actigraphic analysis techniques. <i>Journal of Sleep Research</i> , <b>2005</b> , 14, 377-86	5.8	26
975	Experimental restriction of sleep opportunity in children: effects on teacher ratings. <i>Sleep</i> , <b>2005</b> , 28, 1561-7	1.1	218
974	Sleep-related functioning in euthymic patients with bipolar disorder, patients with insomnia, and subjects without sleep problems. <b>2005</b> , 162, 50-7		273
973	Sleep-related disorders in ADHD: a review. <b>2005</b> , 44, 201-10		57
972	Misperception of sleep can adversely affect daytime functioning in insomnia. <b>2005</b> , 43, 843-56		65
971	Nursery Rearing of Nonhuman Primates in the 21st Century. <b>2006</b> ,		8

970	Multimodality Sensors for Sleep Quality Monitoring and Logging. <b>2006,</b>	2
969	The sleep, subjective fatigue, and sustained attention of commercial airline pilots during an international pattern. <b>2006, 23, 1357-62</b>	83
968	A probabilistic framework for modeling and real-time monitoring human fatigue. <b>2006, 36, 862-875</b>	128
967	Comparison between informant-observed and actigraphic assessments of sleep-wake rhythm disturbances in demented residents of homes for the elderly. <b>2006, 14, 104-11</b>	36
966	Sleep and cognitive performance of flight nurses after 12-hour evening versus 18-hour shifts. <b>2006, 25, 216-25</b>	16
965	Actigraph assessment of rest-activity disturbances in psychiatric disorders. <b>2006, 1287, 32-37</b>	1
964	Altering misperception of sleep in insomnia: behavioral experiment versus verbal feedback. <b>2006, 74, 767-76</b>	70
963	Different effects of ambulatory blood pressure monitoring on subjective and objective sleep quality. <b>2006, 11, 315-20</b>	18
962	The effects of on-duty napping on intern sleep time and fatigue. <b>2006, 144, 792-8</b>	88
961	Psychological predictors of postoperative sleep in children undergoing outpatient surgery. <b>2006, 16, 144-51</b>	20
960	Sleep-wake cycles in obese children with and without binge-eating episodes. <b>2006, 42, 688-93</b>	21
959	Marital conflict and disruption of children's sleep. <i>Child Development</i> , <b>2006, 77, 31-43</b>	4.9 151
958	Development of the sleep quality scale. <i>Journal of Sleep Research</i> , <b>2006, 15, 309-16</b>	5.8 62
957	Peripheral electrical nerve stimulation and rest-activity rhythm in Alzheimer's disease. <i>Journal of Sleep Research</i> , <b>2006, 15, 415-23</b>	5.8 11
956	Three months in the symptom life of a teenage girl undergoing treatment for cancer. <b>2006, 29, 294-310</b>	27
955	Sleep patterns of school-age children with Asperger syndrome or high-functioning autism. <b>2006, 36, 585-95</b>	121
954	Longitudinal assessment of leg motor activity and sleep patterns in infants with and without Down syndrome. <b>2006, 29, 153-68</b>	40
953	Does amygdalar perfusion correlate with antidepressant response to partial sleep deprivation in major depression?. <b>2006, 146, 43-51</b>	50



952	Insomnia in school-age children with Asperger syndrome or high-functioning autism. <b>2006</b> , 6, 18		86
951	Sleep-wake cycles in obese adolescents with and without binge eating episodes. <i>European Eating Disorders Review</i> , <b>2006</b> , 14, 111-117	53	4
950	Sleep state scoring in infants from respiratory and activity measurements. <b>2006</b> , 2006, 2462-5		6
949	Sleep, sleepiness, and behavior problems in children with headache. <b>2006</b> , 21, 1012-9		38
948	Increases in overweight after adenotonsillectomy in overweight children with obstructive sleep-disordered breathing are associated with decreases in motor activity and hyperactivity. <i>Pediatrics</i> , <b>2006</b> , 117, e200-8	74	55
947	Sleep Stage Estimation by Non-invasive Bio-measurement. <b>2006</b> ,		
946	Sleep condition inferencing using simple multimodality sensors.		
945	Automatic Determination of Sleep-Wake States from EOG Signals using Fusion Technique.		
944	Lauderdale et al. Respond to How Much Do We Really Sleep? <b>2006</b> , 164, 19-20		1
943	Acute impact of immediate release methylphenidate administered three times a day on sleep in children with attention-deficit/hyperactivity disorder. <b>2008</b> , 33, 368-79		61
942	Improving sleep hygiene of medical interns: can the sleep, alertness, and fatigue education in residency program help?. <b>2007</b> , 167, 1738-44		31
941	The 24-hour sleep patterns interview: a pilot study of validity and feasibility. <b>2007</b> , 5, 297-310		15
940	Sleep and napping patterns in 3-to-5-year old children attending full-day childcare centers. <b>2008</b> , 33, 666-72		72
939	Blood Pressure Monitoring in Cardiovascular Medicine and Therapeutics. <b>2007</b> ,		8
938	Gender differences in sleep, fatigue, and daytime activity in a pediatric oncology sample receiving dexamethasone. <b>2008</b> , 33, 298-306		34
937	Nocturnal awakenings, sleep environment interruptions, and fatigue in hospitalized children with cancer. <b>2007</b> , 34, 393-402		116
936	Use of subjective and physiological indicators of sleepiness to predict performance during a vigilance task. <b>2007</b> , 45, 520-6		45
935	Parental involvement, psychological distress, and sleep: a preliminary examination in sleep-disturbed adolescents with a history of substance abuse. <b>2007</b> , 21, 104-13		30

934	Child emotional insecurity and academic achievement: the role of sleep disruptions. <b>2007</b> , 21, 29-38		87
933	Infant sleep and parental sleep-related cognitions. <b>2007</b> , 21, 74-87		101
932	Wake detection capacity of actigraphy during sleep. <i>Sleep</i> , <b>2007</b> , 30, 1362-9	1.1	240
931	Poor sleep the night before an experimental stress task is associated with reduced cortisol reactivity in healthy women. <b>2007</b> , 74, 319-27		50
930	The effects of asking for verbal ratings of sleepiness on sleepiness and its masking effects on performance. <b>2007</b> , 118, 1324-31		24
929	Sleep in overweight adolescents: shorter sleep, poorer sleep quality, sleepiness, and sleep-disordered breathing. <b>2007</b> , 32, 69-79		158
928	Multimodality sensor system for long-term sleep quality monitoring. <b>2007</b> , 1, 217-27		38
927	Bedtime Problems and Night Wakings in Children. <b>2007</b> , 2, 377-385		11
926	Intra-individual daily and yearly variability in actigraphically recorded sleep measures: the CARDIA study. <i>Sleep</i> , <b>2007</b> , 30, 793-6	1.1	123
925	Sleep estimation using wrist actigraphy in adolescents with and without sleep disordered breathing: a comparison of three data modes. <i>Sleep</i> , <b>2007</b> , 30, 899-905	1.1	101
924	Dexamethasone alters sleep and fatigue in pediatric patients with acute lymphoblastic leukemia. <b>2007</b> , 110, 2321-30		124
923	Objective evidence of sleep disturbance in women with posttraumatic stress disorder. <b>2007</b> , 20, 1009-18		64
922	The feasibility of sleep assessment by actigraph in patients with tetraplegia. <b>2007</b> , 45, 765-70		16
921	Children's sleep and cognitive functioning: race and socioeconomic status as moderators of effects. <i>Child Development</i> , <b>2007</b> , 78, 213-31	4.9	212
920	Validation of actigraphy for determining sleep and wake in children with sleep disordered breathing. <i>Journal of Sleep Research</i> , <b>2007</b> , 16, 213-6	5.8	116
919	The association between children's sleep disruption and salivary interleukin-6. <i>Journal of Sleep Research</i> , <b>2007</b> , 16, 188-97	5.8	28
918	Children's sleep and adjustment: the moderating role of vagal regulation. <i>Journal of Sleep Research</i> , <b>2007</b> , 16, 396-405	5.8	55
917	The biphasic effects of alcohol: comparisons of subjective and objective measures of stimulation, sedation, and physical activity. <b>2007</b> , 31, 1883-90		40

916	Sleep disruptions and emotional insecurity are pathways of risk for children. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2007</b> , 48, 88-96	7.9	154
915	Actigraph data are reliable, with functional reliability increasing with aggregation. <b>2008</b> , 40, 873-8		15
914	Agreement rates for sleep/wake judgments obtained via accelerometer and sleep diary: a comparison. <b>2008</b> , 40, 1026-9		31
913	Feasibility and behavioral effects of an at-home multi-night sleep restriction protocol for adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2008</b> , 49, 915-23	7.9	105
912	Estimates of adherence and error analysis of physical activity data collected via accelerometry in a large study of free-living adults. <b>2008</b> , 8, 38		13
911	Actigraphic assessment of sleep disorders in children with chronic fatigue syndrome. <b>2008</b> , 30, 329-33		19
910	Bedtime problems and night wakings in children. <b>2008</b> , 35, 569-81, viii		23
909	Comparison of two different actigraphs with polysomnography in healthy young subjects. <b>2008</b> , 25, 145-53		80
908	Circadian phase in sleep-disturbed adolescents with a history of substance abuse: a pilot study. <b>2008</b> , 6, 55-73		25
907	The effect of music relaxation versus progressive muscular relaxation on insomnia in older people and their relationship to personality traits. <b>2008</b> , 45, 360-80		34
906	Visual Supports for People with Autism: A Guide for Parents and Professionals. <b>2008</b> , 29, 449		
905	Intermittent hypoxic exposure does not improve sleep at 4300 m. <b>2008</b> , 9, 281-7		10
904	Prevalence and predictors of significant sleep disturbances in children undergoing ambulatory tonsillectomy and adenoidectomy. <b>2008</b> , 33, 248-57		18
903	Agreement rates between actigraphy, diary, and questionnaire for children's sleep patterns. <b>2008</b> , 162, 350-8		261
902	Association of workload of on-call medical interns with on-call sleep duration, shift duration, and participation in educational activities. <b>2008</b> , 300, 1146-53		91
901	Driver fatigue detection system based on machine vision. <b>2008</b> ,		
900	Examination of non-restrictive and non-invasive sleep evaluation technique for children using difference images. <b>2008</b> , 2008, 3483-7		8
899	Short sleep duration in middle childhood: risk factors and consequences. <i>Sleep</i> , <b>2008</b> , 31, 71-8	1.1	302

898	Sleep Patterns in Preschool-Age Children With Autism, Developmental Delay, and Typical Development. <b>2008</b> , 47, 930-938		110
897	How Accurate is Subjective Reporting of Childhood Sleep Patterns? A Review of the Literature and Implications for Practice. <b>2008</b> , 4, 132-142		44
896	Comparison of sleep parameters from actigraphy and polysomnography in older women: the SOF study. <i>Sleep</i> , <b>2008</b> , 31, 283-91	1.1	196
895	Children's attachment to parents and their academic functioning: sleep disruptions as moderators of effects. <b>2008</b> , 29, 441-9		36
894	Sleep and the transition to adolescence: a longitudinal study. <i>Sleep</i> , <b>2009</b> , 32, 1602-9	1.1	130
893	Exploring the interdependence of couples' rest-wake cycles: an actigraphic study. <b>2009</b> , 26, 80-92		35
892	Handedness correlates with actigraphically measured sleep in a controlled environment. <b>2009</b> , 109, 395-400		2
891	Disrupted sleep the night before breast surgery is associated with increased postoperative pain. <b>2009</b> , 37, 352-62		43
890	Validation of actigraphy for determining sleep and wake in preterm infants. <b>2009</b> , 98, 52-7		37
889	Approaches to measuring the effects of wake-promoting drugs: a focus on cognitive function. <b>2009</b> , 24, 371-89		10
888	Effect of the first night shift period on sleep in young nurse students. <b>2009</b> , 107, 707-14		16
887	Objective sleep measurement in typically and atypically developing preschool children with ADHD-like profiles. <i>Child Psychiatry and Human Development</i> , <b>2009</b> , 40, 257-68	3.3	21
886	Algorithms for sleep-wake identification using actigraphy: a comparative study and new results. <i>Journal of Sleep Research</i> , <b>2009</b> , 18, 85-98	5.8	82
885	Concurrent and longitudinal relations between children's sleep and cognitive functioning: the moderating role of parent education. <i>Child Development</i> , <b>2009</b> , 80, 875-92	4.9	103
884	Comparative research between Australia and Japan: a comparison of the quality of health care in nursing facilities using actigraphy. <b>2010</b> , 10, 167-76		
883	Newly developed waist actigraphy and its sleep/wake scoring algorithm. <b>2009</b> , 7, 17-22		36
882	Parent-child agreement in report of nighttime respiratory symptoms and sleep disruptions and quality. <b>2009</b> , 23, 315-26		15
881	Approaches to measure sleep-wake disturbances in adolescents with cancer. <b>2009</b> , 24, 255-69		9

880	Sleep and Wake Classification With ECG and Respiratory Effort Signals. <b>2009</b> , 3, 71-8		97
879	Sleep Behaviors and Sleep Quality in Children with Autism Spectrum Disorders. <i>Sleep</i> , <b>2009</b> ,	1.1	2
878	Children's sleep and school psychology practice.. <b>2009</b> , 24, 60-69		23
877	Banking sleep: realization of benefits during subsequent sleep restriction and recovery. <i>Sleep</i> , <b>2009</b> , 32, 311-21	1.1	176
876	Sleep behaviors and sleep quality in children with autism spectrum disorders. <i>Sleep</i> , <b>2009</b> , 32, 1566-78	1.1	277
875	Associations between sleep and inattentive/hyperactive problem behavior among foster and community children. <b>2010</b> , 31, 668-74		14
874	First effects of a multicomponent treatment for sleep disorders in children. <b>2011</b> , 3, 1-11		28
873	Adaptation rate of 6-sulfatoxymelatonin and cognitive performance in offshore fleet shift workers: a field study. <b>2010</b> , 83, 607-15		18
872	Sleep disruption in young foster children. <i>Child Psychiatry and Human Development</i> , <b>2010</b> , 41, 409-24	3.3	26
871	Sleep staging based on signals acquired through bed sensor. <b>2010</b> , 14, 776-85		134
870	Activity-based assessment of the sleep behaviors of VLBW preterm infants and full-term infants at around 12 months of age. <b>2010</b> , 32, 150-5		41
869	Sleep in hospitalized elders: a pilot study. <b>2010</b> , 31, 263-71		43
868	Stress and quality of sleep among individuals diagnosed with diabetes. <b>2010</b> , 26, 61-74		12
867	Maternal psychological control and child internalizing symptoms: vulnerability and protective factors across bioregulatory and ecological domains. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2010</b> , 51, 188-98	7.9	54
866	Acute sleep restriction does not affect declarative memory in 10-year-old girls. <b>2010</b> , 8, 222-225		12
865	Measuring sleep habits using the Sleep Timing Questionnaire: A validation study for school-age children. <b>2010</b> , 8, 194-202		14
864	Subjective and objective sleep in children and adolescents: Measurement, age, and gender differences. <b>2010</b> , 8, 229-238		67
863	Sleep and physical growth in infants during the first 6 months. <i>Journal of Sleep Research</i> , <b>2010</b> , 19, 103-108		88

862	Clinical efficacy of individual cognitive behavior therapy for psychophysiological insomnia in 20 outpatients. <b>2010</b> , 64, 187-95		18
861	Children's sleep and adjustment over time: the role of socioeconomic context. <i>Child Development</i> , <b>2010</b> , 81, 870-83	4.9	115
860	Sleep patterns amongst Chinese children. <b>2010</b> , 41, 203-215		10
859	A comparison of actigraphy and parental report of sleep habits in typically developing children aged 6 to 11 years. <b>2010</b> , 8, 16-27		64
858	A new integrated variable based on thermometry, actimetry and body position (TAP) to evaluate circadian system status in humans. <b>2010</b> , 6, e1000996		113
857	Modifications to weekend recovery sleep delay circadian phase in older adolescents. <b>2010</b> , 27, 1469-92		125
856	Psychological factors associated with poor sleep prior to breast surgery: an exploratory study. <b>2010</b> , 36, 85-91		22
855	Sleep disturbance and fatigue in mild relapsing remitting multiple sclerosis patients on chronic immunomodulant therapy: an actigraphic study. <b>2010</b> , 16, 238-47		36
854	Development of an actigraph system for sleep-wake identification. <b>2011</b> ,		2
853	I-CAN SLEEP: rationale and design of a non-inferiority RCT of Mindfulness-based Stress Reduction and Cognitive Behavioral Therapy for the treatment of Insomnia in CANcer survivors. <b>2011</b> , 32, 747-54		19
852	Factors associated with depressive symptoms in parents of children with autism spectrum disorders. <b>2011</b> , 5, 361-367		46
851	Online assessment of sustained attention following sleep restriction. <b>2011</b> , 12, 257-61		21
850	Movements during sleep correlate with impaired attention and verbal and memory skills in children with adenotonsillar hypertrophy suspected of having obstructive sleep disordered breathing. <b>2011</b> , 12, 322-8		6
849	The association between obstructive sleep apnea and dietary choices among obese individuals during middle to late childhood. <b>2011</b> , 12, 797-9		31
848	Sleep of preschool children with night-time fears. <b>2011</b> , 12, 870-4		31
847	Sleep and sleepiness in children with nocturnal enuresis. <i>Sleep</i> , <b>2011</b> , 34, 191-4	1.1	42
846	Actigraphy. <b>2011</b> , 1668-1675		13
845	Sleep estimates in children: parental versus actigraphic assessments. <b>2011</b> , 3, 115-23		74

844	Poor sleep quality predicts deficient emotion information processing over time in early adolescence. <i>Sleep</i> , <b>2011</b> , 34, 1499-508	1.1	65
843	The effects of napping on cognitive function in preschoolers. <b>2011</b> , 32, 90-7		74
842	Fatigue, sleep, pain, mood, and performance status in patients with multiple myeloma. <b>2011</b> , 34, 219-27		41
841	Disturbed sleep in pediatric patients with leukemia: the potential role of interleukin-6 (-174GC) and tumor necrosis factor (-308GA) polymorphism. <b>2011</b> , 38, E365-72		21
840	Does sleep duration predict metabolic risk in obese adolescents attending tertiary services? A cross-sectional study. <i>Sleep</i> , <b>2011</b> , 34, 891-8	1.1	48
839	Automatic sleep/wake scoring from body motion in bed: validation of a newly developed sensor placed under a mattress. <b>2011</b> , 30, 103-9		36
838	Subjective sleep quality, objective sleep characteristics, insomnia symptom severity, and daytime sleepiness in women aged 50 and older with nonmetastatic breast cancer. <b>2011</b> , 38, E314-25		25
837	Sleep and Daytime Sleepiness of Patients with Left Ventricular Assist Devices: A Longitudinal Pilot Study. <b>2011</b> , 21, 131-136		13
836	Actigraphic assessment of a polysomnographic-recorded nap: a validation study. <i>Journal of Sleep Research</i> , <b>2011</b> , 20, 214-22	5.8	69
835	Children's emotional security and sleep: longitudinal relations and directions of effects. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2011</b> , 52, 64-71	7.9	62
834	Comparing sleep measures of infants derived from parental reports in sleep diaries and acceleration sensors. <b>2011</b> , 100, 1158-63		24
833	Lack of sleep and unethical conduct. <b>2011</b> , 115, 169-180		238
832	Effects of prone and supine positions on sleep state and stress responses in preterm infants. <b>2011</b> , 34, 257-63		34
831	Development and preliminary evaluation of video analysis for detecting Gross movement during sleep in children. <b>2011</b> , 1, 220-225		1
830	Both sleep and wakefulness support consolidation of continuous, goal-directed, visuomotor skill. <b>2011</b> , 214, 619-30		13
829	Development of synchrony between activity patterns of mother-infant pair from 4 to 18 months after birth. <b>2011</b> , 61, 211-6		6
828	The association of quality of life with potentially remediable disruptions of circadian sleep/activity rhythms in patients with advanced lung cancer. <b>2011</b> , 11, 193		30
827	A brief primer on sleep for pediatric and child clinical neuropsychologists. <b>2012</b> , 18, 313-38		18

826	Factors associated with problematic vocalizations in nursing home residents with dementia. <b>2011</b> , 51, 389-405		26
825	Defining the roles of actigraphy and parent logs for assessing sleep variables in preschool children. <b>2011</b> , 9, 184-93		24
824	Automatic diagnosis of ADHD based on nonlinear analysis of actimetry registries. <b>2011</b> ,		1
823	Marital conflict and children's sleep: reciprocal relations and socioeconomic effects. <b>2011</b> , 25, 412-22		85
822	Actigraphic monitoring of sleep and circadian rhythms. <b>2011</b> , 98, 55-63		18
821	Direct comparison of two new actigraphs and polysomnography in children and adolescents. <i>Sleep</i> , <b>2012</b> , 35, 159-66	1.1	221
820	Effects of exercise on fatigue, sleep, and performance: a randomized trial. <b>2012</b> , 39, 468-77		47
819	An actigraphy heterogeneous mixture model for sleep assessment. <b>2012</b> , 2012, 2275-8		4
818	Short sleep duration is associated with carotid intima-media thickness among men in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <b>2012</b> , 43, 2858-64		42
817	Utilising wireless sensor networks towards establishing a method of sleep profiling. <b>2012</b> , 1, 346		1
816	Effects of Vibroacoustic Therapy on Elderly Nursing Home Residents with Depression. <b>2012</b> , 24, 291-294		9
815	Measure of sleep and physical activity by a single accelerometer: Can a waist-worn Actigraph adequately measure sleep in children?. <b>2012</b> , 10, 328-335		77
814	[External validity of pain-linked functional interference: are we measuring what we want to measure?]. <b>2012</b> , 26, 396-401		11
813	Sleep Disorders in Neurorehabilitation. <b>2012</b> , 7, 587-595		2
812	Family socioeconomic status and sleep patterns of young adolescents. <b>2011</b> , 10, 70-80		112
811	A biofeedback system for sleep management. <b>2012</b> ,		1
810	The discrepancy between actigraphic and sleep diary measures of sleep in adolescents. <b>2012</b> , 13, 378-84		143
809	The Children's Report of Sleep Patterns--Sleepiness Scale: a self-report measure for school-aged children. <b>2012</b> , 13, 385-9		36



808	Algorithms for using an activity-based accelerometer for identification of infant sleep-wake states during nap studies. <b>2012</b> , 13, 743-51		48
807	Validation of a hip-worn accelerometer in measuring sleep time in children. <b>2012</b> , 27, 127-33		59
806	An integrated video-analysis software system designed for movement detection and sleep analysis. Validation of a tool for the behavioural study of sleep. <b>2012</b> , 123, 318-23		15
805	Use of actigraphy for assessment in pediatric sleep research. <b>2012</b> , 16, 463-75		368
804	Nonlinear analysis of actigraphic signals for the assessment of the attention-deficit/hyperactivity disorder (ADHD). <b>2012</b> , 34, 1317-29		24
803	Methods for assessing sleep in children with autism spectrum disorders: A review. <b>2012</b> , 6, 1337-1344		36
802	Lost sleep and cyberloafing: Evidence from the laboratory and a daylight saving time quasi-experiment. <b>2012</b> , 97, 1068-76		156
801	Sleep Disturbances and Learning Disability (Mental Retardation). <b>2012</b> ,		1
800	Using actigraphy and transcranial magnetic stimulation to assess the relationship between sleep and visuomotor skill learning. <b>2012</b> , 30, 81-90		1
799	Automatic identification of activity-rest periods based on actigraphy. <b>2012</b> , 50, 329-40		25
798	Parental depressive symptoms and children's sleep: the role of family conflict. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2012</b> , 53, 806-14	7.9	54
797	Acute sleep restriction effects on emotion responses in 30- to 36-month-old children. <i>Journal of Sleep Research</i> , <b>2012</b> , 21, 235-46	5.8	130
796	Sleep and academic performance in Indigenous Australian children from a remote community: an exploratory study. <b>2012</b> , 48, 122-7		22
795	Assessment of brief interventions for nighttime fears in preschool children. <b>2012</b> , 171, 67-75		26
794	Energy expenditure in obstructive sleep apnea: validation of a multiple physiological sensor for determination of sleep and wake. <i>Sleep and Breathing</i> , <b>2013</b> , 17, 139-46	3.1	57
793	Comparison of three actigraphic algorithms used to evaluate sleep in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , <b>2013</b> , 17, 297-304	3.1	14
792	Evaluation of a behavioral treatment package to reduce sleep problems in children with Angelman Syndrome. <b>2013</b> , 34, 676-86		53
791	Night diapers use and sleep in children with enuresis. <b>2013</b> , 14, 1013-6		7

790	Circadian phase shifts and mood across the perinatal period in women with a history of major depressive disorder: a preliminary communication. <b>2013</b> , 150, 1103-8	45
789	Seasonal variation in objectively measured physical activity, sedentary time, cardio-respiratory fitness and sleep duration among 8-11 year-old Danish children: a repeated-measures study. <b>2013</b> , 13, 808	92
788	Direct comparison of two actigraphy devices with polysomnographically recorded naps in healthy young adults. <b>2013</b> , 30, 691-8	115
787	Sleep on it, but only if it is difficult: effects of sleep on problem solving. <b>2013</b> , 41, 159-66	67
786	Feasibility of an Individualized, Home-Based Obesity Prevention Program for Preschool-Age Children. <b>2013</b> , 42, 134-152	5
785	An investigation of sleep patterns in adolescents with high-functioning autism spectrum disorder compared with typically developing adolescents. <b>2013</b> , 16, 155-65	57
784	Trajectories of sleep changes during the acute phase of traumatic brain injury: a 7-day actigraphy study. <b>2013</b> , 112, 545-53	22
783	Nocturnal sleep measured by actigraphy in children with Prader-Willi syndrome. <b>2013</b> , 162, 765-9	14
782	A review of current sleep screening applications for smartphones. <b>2013</b> , 34, R29-46	96
781	Multiparameter Sleep Monitoring Using a Depth Camera. <b>2013</b> , 311-325	12
780	Biomedical Engineering Systems and Technologies. <b>2013</b> ,	
779	Reply: sleep efficiency in patients with polycystic ovarian syndrome. <b>2013</b> , 28, 3165	
778	iSleep. <b>2013</b> ,	133
777	Longitudinal relations between marital aggression and children's sleep: the role of emotional insecurity. <b>2013</b> , 27, 282-92	38
776	Familial risk moderates the association between sleep and zBMI in children. <b>2013</b> , 38, 775-84	28
775	Dietary intake following experimentally restricted sleep in adolescents. <i>Sleep</i> , <b>2013</b> , 36, 827-34	1.1 145
774	Actigraph estimates of the sleep of Australian midwives: the impact of shift work. <b>2013</b> , 15, 191-9	12
773	Dream Recall Frequency and Unusual Dream Experiences in Early Adolescence: Longitudinal Links to Behavior Problems. <b>2013</b> , 23, 635-651	6

772	Postpartum mothers' napping and improved cognitive growth fostering of infants: results from a pilot study. <b>2013</b> , 11, 120-32		4
771	Comparisons of short-term efficacy between individual and group cognitive behavioral therapy for primary insomnia. <b>2013</b> , 11, 176-184		22
770	Relation between sleep status of preterm infants aged 1-2 years and mothers' parenting stress. <b>2013</b> , 55, 416-21		12
769	Economic adversity and children's sleep problems: multiple indicators and moderation of effects. <b>2013</b> , 32, 849-59		144
768	Children's sleep and autonomic function: low sleep quality has an impact on heart rate variability. <i>Sleep</i> , <b>2013</b> , 36, 1939-46	1.1	44
767	The Children's Report of Sleep Patterns (CRSP): a self-report measure of sleep for school-aged children. <b>2013</b> , 9, 235-45		68
766	Decreased plasma brain-derived neurotrophic factor and vascular endothelial growth factor concentrations during military training. <i>PLoS ONE</i> , <b>2014</b> , 9, e89455	3.7	25
765	Separating bedtime rest from activity using waist or wrist-worn accelerometers in youth. <i>PLoS ONE</i> , <b>2014</b> , 9, e92512	3.7	18
764	Measuring quality of sleep and autonomic nervous function in healthy Japanese women. <b>2014</b> , 10, 89-96		5
763	Validity of an algorithm for determining sleep/wake states using a new actigraph. <b>2014</b> , 33, 31		37
762	Fatness predicts decreased physical activity and increased sedentary time, but not vice versa: support from a longitudinal study in 8- to 11-year-old children. <b>2014</b> , 38, 959-65		97
761	Feasibility of using actigraphy and motivational-based interviewing to improve sleep among school-age children and their parents. <b>2014</b> , 30, 136-48		8
760	Sleep and Pain. <b>2014</b> , 91-97		
759	Family stress and adolescents' cognitive functioning: sleep as a protective factor. <b>2014</b> , 28, 887-96		35
758	Challenges and Emerging Technologies within the Field of Pediatric Actigraphy. <b>2014</b> , 5, 99		45
757	Income, ethnicity, and sleep: coping as a moderator. <b>2014</b> , 20, 441-8		21
756	Robust sleep quality quantification method for a personal handheld device. <b>2014</b> , 20, 522-30		11
755	Comparison of sleep-wake classification using electroencephalogram and wrist-worn multi-modal sensor data. <b>2014</b> , 2014, 930-3		17

754	A sleep monitoring system based on audio, video and depth information for detecting sleep events. <b>2014,</b>		4
753	Fatty acids and sleep in UK children: subjective and pilot objective sleep results from the DOLAB study—a randomized controlled trial. <i>Journal of Sleep Research</i> , <b>2014</b> , 23, 364-88	5.8	39
752	Stop and revive? The effectiveness of nap and active rest breaks for reducing driver sleepiness. <b>2014</b> , 51, 1131-8		13
751	Automatic detection of wakefulness and rest intervals in actigraphic signals: a data-driven approach. <b>2014</b> , 36, 1585-92		1
750	Delayed sleep timing is associated with low levels of free-living physical activity in normal sleeping adults. <b>2014</b> , 15, 1586-9		37
749	A balanced sleep/wakefulness classification method based on actigraphic data in adolescents. <b>2014</b> , 2014, 4188-91		7
748	Fully automated waist-worn accelerometer algorithm for detecting children's sleep-period time separate from 24-h physical activity or sedentary behaviors. <b>2014</b> , 39, 53-7		164
747	Growth in Body Mass Index From Childhood Into Adolescence: The Role of Sleep Duration and Quality. <b>2014</b> , 34, 1145-1166		14
746	Towards Benchmarked Sleep Detection with Wrist-Worn Sensing Units. <b>2014</b> ,		24
745	Change in sleep duration and proposed dietary risk factors for obesity in Danish school children. <b>2014</b> , 9, e156-9		32
744	Validation of actigraphy to assess circadian organization and sleep quality in patients with advanced lung cancer. <b>2011</b> , 9, 4		54
743	The effects of sleep on the relationship between brain injury severity and recovery of cognitive function: a prospective study. <b>2014</b> , 51, 892-9		19
742	Alternatives to polysomnography (PSG): a validation of wrist actigraphy and a partial-PSG system. <b>2014</b> , 46, 1032-41		74
741	Ethnic variation in the association between sleep and body mass among US adolescents. <b>2014</b> , 38, 944-9		18
740	Sleep patterns are associated with common illness in adolescents. <i>Journal of Sleep Research</i> , <b>2014</b> , 23, 133-42	5.8	34
739	Sleep restriction worsens mood and emotion regulation in adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2014</b> , 55, 180-90	7.9	333
738	Effects of one night of induced night-wakings versus sleep restriction on sustained attention and mood: a pilot study. <b>2014</b> , 15, 825-32		29
737	Accuracy validation of sleep measurements by a contactless biomotion sensor on subjects with suspected sleep apnea. <b>2014</b> , 12, 106-115		13

736	Repetitive thought impairs sleep quality: an experience sampling study. <b>2014</b> , 45, 67-82		33
735	Longitudinal relations between maternal depressive symptoms and child sleep problems: the role of parasympathetic nervous system reactivity. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2014</b> , 55, 172-9	7.9	21
734	Sleep and cognitive performance: the role of income and respiratory sinus arrhythmia reactivity. <b>2014</b> , 56, 1528-40		10
733	Sleep and wakefulness state detection in nocturnal actigraphy based on movement information. <b>2014</b> , 61, 426-34		29
732	Short sleep duration and large variability in sleep duration are independently associated with dietary risk factors for obesity in Danish school children. <b>2014</b> , 38, 32-9		128
731	Mindfulness-based stress reduction compared with cognitive behavioral therapy for the treatment of insomnia comorbid with cancer: a randomized, partially blinded, noninferiority trial. <b>2014</b> , 32, 449-57		193
730	Association between physical activity and sleep in adults with chronic pain: a momentary, within-person perspective. <b>2014</b> , 94, 499-510		23
729	Single night video-game use leads to sleep loss and attention deficits in older adolescents. <b>2014</b> , 37, 1003-9		28
728	Aegis: A biofeedback adaptive alarm system using vibrotactile feedback. <b>2014</b> ,		2
727	Parental sleep quality and continuous glucose monitoring system use in children with type 1 diabetes. <b>2014</b> , 51, 499-503		23
726	Longitudinal relations between parent-child conflict and children's adjustment: the role of children's sleep. <b>2014</b> , 42, 1175-85		35
725	Acute and chronic effects of sleep duration on blood pressure. <i>Pediatrics</i> , <b>2014</b> , 133, e64-72	7.4	33
724	A review of signals used in sleep analysis. <b>2014</b> , 35, R1-57		131
723	Delayed sleep onset in depressed young people. <b>2014</b> , 14, 33		37
722	Children's sleep quality: relation with sleep duration and adiposity. <b>2014</b> , 128, 488-90		23
721	Assessment and Treatment of Delayed Sleep Phase Disorder in Adolescents. <b>2014</b> , 9, 199-210		21
720	The role of insomnia, pre-sleep arousal and psychopathology symptoms in daytime impairment in adolescents with high-functioning autism spectrum disorder. <b>2014</b> , 15, 1082-8		51
719	Agreement of different methods for assessing sleep characteristics: a comparison of two actigraphs, wrist and hip placement, and self-report with polysomnography. <b>2014</b> , 15, 1107-14		136

718	Validation of actigraphy with continuous video-electroencephalography in children with epilepsy. <b>2014</b> , 15, 1075-81		17
717	A seven day actigraphy-based study of rumination and sleep disturbance among young adults with depressive symptoms. <b>2014</b> , 77, 70-5		74
716	An integrated home-based self-management system to support the wellbeing of older adults. <b>2014</b> , 6, 359-383		21
715	Non-contact under-mattress sleep monitoring. <b>2014</b> , 6, 385-401		6
714	Reciprocal relations between children's sleep and their adjustment over time. <b>2014</b> , 50, 1137-47		119
713	Physical activity, sleep duration and metabolic health in children fluctuate with the lunar cycle: science behind the myth. <b>2015</b> , 5, 60-6		24
712	Comparison of a Commercial Accelerometer with Polysomnography and Actigraphy in Children and Adolescents. <i>Sleep</i> , <b>2015</b> , 38, 1323-30	1.1	150
711	Turning molehills into mountains: Sleepiness increases workplace interpretive bias. <b>2015</b> , 36, 360-381		15
710	Sleep and physical activity measured by accelerometry in Crohn's disease. <b>2015</b> , 41, 991-1004		37
709	Estimating sleep from multisensory armband measurements: validity and reliability in teens. <i>Journal of Sleep Research</i> , <b>2015</b> , 24, 714-21	5.8	35
708	Association between objectively measured sleep quality and obesity in community-dwelling adults aged 80 years or older: a cross-sectional study. <b>2015</b> , 30, 199-206		26
707	Mitochondrial DNA Copy Number in Sleep Duration Discordant Monozygotic Twins. <i>Sleep</i> , <b>2015</b> , 38, 1655-8		5
706	Rapid-Eye-Movement-Sleep (REM) Associated Enhancement of Working Memory Performance after a Daytime Nap. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125752	3.7	24
705	Cortisol and Amylase Secretion Patterns between and within Depressed and Non-Depressed Individuals. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131002	3.7	51
704	Reliability and Validity of the Self- and Interviewer-Administered Versions of the Global Physical Activity Questionnaire (GPAQ). <i>PLoS ONE</i> , <b>2015</b> , 10, e0136944	3.7	80
703	A Novel, Open Access Method to Assess Sleep Duration Using a Wrist-Worn Accelerometer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142533	3.7	261
702	Associations between children's intelligence and academic achievement: the role of sleep. <i>Journal of Sleep Research</i> , <b>2015</b> , 24, 510-3	5.8	18
701	iii. Sleep assessment methods. <b>2015</b> , 80, 33-48		137

700	Subjective - Objective Sleep Comparisons and Discrepancies Among Clinically-Anxious and Healthy Children. <b>2015</b> , 43, 1343-53		52
699	Practical considerations in using accelerometers to assess physical activity, sedentary behavior, and sleep. <i>Sleep Health</i> , <b>2015</b> , 1, 275-284	4	61
698	Nocturnal sleep-related variables from 24-h free-living waist-worn accelerometry: International Study of Childhood Obesity, Lifestyle and the Environment. <b>2015</b> , 5, S47-52		13
697	Unique contributions of ISCOLE to the advancement of accelerometry in large studies. <b>2015</b> , 5, S53-8		8
696	Longitudinal relations between children's sleep and body mass index: the moderating role of socioeconomic risk. <i>Sleep Health</i> , <b>2015</b> , 1, 44-49	4	7
695	Relationship of sleep quality, baseline weight status, and weight-loss responsiveness in obese adolescents in an immersion treatment program. <b>2015</b> , 16, 432-4		26
694	Assessing sleep using hip and wrist actigraphy. <b>2015</b> , 13, 172-180		78
693	Bed posture classification based on artificial neural network using fuzzy c-means and latent semantic analysis. <b>2015</b> , 38, 415-425		7
692	The stability of sleep patterns in children 3 to 7 years of age. <b>2015</b> , 166, 697-702.e1		35
691	Comparison of actigraphy immobility rules with polysomnographic sleep onset latency in children and adolescents. <i>Sleep and Breathing</i> , <b>2015</b> , 19, 1415-23	3.1	24
690	Markers of metabolic health in children differ between weekdays--the result of unhealthier weekend behavior. <b>2015</b> , 23, 733-6		10
689	A longitudinal assessment of sleep variables during exacerbations of chronic obstructive pulmonary disease. <b>2015</b> , 12, 299-304		4
688	Identifying children's nocturnal sleep using 24-h waist accelerometry. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 937-43	1.2	121
687	Ambulatory blood pressure and its variability in adults born preterm. <b>2015</b> , 65, 615-21		27
686	Inflammation and psychosocial factors mediate exercise effects on sleep quality in breast cancer survivors: pilot randomized controlled trial. <b>2015</b> , 24, 302-10		36
685	The validity of Actiwatch2 and SenseWear armband compared against polysomnography at different ambient temperature conditions. <b>2015</b> , 8, 9-15		55
684	The Impact of Early Bedtimes on Adolescent Caloric Intake Varies by Chronotype. <b>2015</b> , 57, 120-2		19
683	Actigraphic-measured sleep disturbance predicts increased positive symptoms in adolescents at ultra high-risk for psychosis: A longitudinal study. <b>2015</b> , 164, 15-20		59

682	What keeps low-SES children from sleeping well: the role of presleep worries and sleep environment. <b>2015</b> , 16, 496-502		120
681	Validation of an innovative method, based on tilt sensing, for the assessment of activity and body position. <b>2015</b> , 32, 701-10		11
680	Feasibility of three wearable sensors for 24 hour monitoring in middle-aged women. <b>2015</b> , 15, 55		29
679	The SBSM Guide to Actigraphy Monitoring: Clinical and Research Applications. <b>2015</b> , 13 Suppl 1, S4-S38		254
678	Peer Victimization and Adolescent Adjustment: The Moderating Role of Sleep. <b>2015</b> , 43, 1447-1457		31
677	Sleep patterns of co-sleeping and solitary sleeping infants and mothers: a longitudinal study. <b>2015</b> , 16, 1305-1312		56
676	Wake/Sleep Identification Based on Body Movement for Parkinson's Disease Patients. <b>2015</b> , 35, 517-527		
675	Infant Sleep Predicts Attention Regulation and Behavior Problems at 3-4 Years of Age. <b>2015</b> , 40, 122-37		62
674	Daily mood and sleep: reciprocal relations and links with adjustment problems. <i>Journal of Sleep Research</i> , <b>2015</b> , 24, 24-31	5.8	49
673	Objectively-measured sleep and its association with adiposity and physical activity in a sample of Canadian children. <i>Journal of Sleep Research</i> , <b>2015</b> , 24, 131-9	5.8	36
672	Vi. Marital conflict, vagal regulation, and children's sleep: a longitudinal investigation. <b>2015</b> , 80, 89-106		38
671	Infant sleep development from 3 to 6 months postpartum: links with maternal sleep and paternal involvement. <b>2015</b> , 80, 107-24		72
670	Evaluation of a consumer fitness-tracking device to assess sleep in adults. <b>2015</b> , 32, 1024-8		78
669	Association between objectively measured sleep quality and physical function among community-dwelling oldest old Japanese: A cross-sectional study. <b>2015</b> , 15, 1040-8		21
668	Mechanisms of Circadian Systems in Animals and Their Clinical Relevance. <b>2015</b> ,		5
667	Comparison of Commercial Wrist-Based and Smartphone Accelerometers, Actigraphy, and PSG in a Clinical Cohort of Children and Adolescents. <b>2016</b> , 12, 343-50		87
666	Defining the rest interval associated with the main sleep period in actigraph scoring. <b>2016</b> , 8, 321-328		36
665	Comparison between self-reported sleep duration and actigraphy among adolescents: gender differences. <b>2016</b> , 19, 339-47		17



664	Sleep in a Gymnasium: A Study to Examine the Psychophysiological and Environmental Conditions in Shelter-Analogue Settings. <b>2016</b> , 13,		3
663	Sleep Monitoring Based on a Tri-Axial Accelerometer and a Pressure Sensor. <i>Sensors</i> , <b>2016</b> , 16,	3.8	58
662	Sleep and Inflammation During Adolescence. <b>2016</b> , 78, 677-85		42
661	Reliability and validity of the Spanish version of the Children's Sleep Habits Questionnaire (CSHQ-SP) in school-age children. <b>2016</b> , 42, 675-82		15
660	Twenty-four Hours of Sleep, Sedentary Behavior, and Physical Activity with Nine Wearable Devices. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 457-65	1.2	205
659	Preschool Children's Negative Emotionality and Peer Acceptance: The Moderating Role of Sleep. <b>2016</b> , 25, 704-721		4
658	Naps promote flexible memory retrieval in 12-month-old infants. <b>2016</b> , 58, 866-874		16
657	Objectively Measured Patterns of Activities of Different Intensity Categories and Steps Taken Among Working Adults in a Multi-ethnic Asian Population. <b>2016</b> , 58, e206-11		12
656	Night-time sleep in Parkinson's disease - the potential use of Parkinson's KinetiGraph: a prospective comparative study. <b>2016</b> , 23, 1275-88		27
655	Multiple lifestyle behaviours and overweight and obesity among children aged 9-11 years: results from the UK site of the International Study of Childhood Obesity, Lifestyle and the Environment. <b>2016</b> , 6, e010677		43
654	SleepCoach. <b>2016</b> ,		38
653	Sleep Deprivation and Advice Taking. <i>Scientific Reports</i> , <b>2016</b> , 6, 24386	4.9	5
652	Discrepancies Between Self-Reported Usual Sleep Duration and Objective Measures of Total Sleep Time in Treatment-Seeking Overweight and Obese Individuals. <b>2016</b> , 14, 539-49		17
651	SVM based dynamic classifier for sleep disorder monitoring wearable device. <b>2016</b> ,		3
650	Consumer sleep tracking devices: a review of mechanisms, validity and utility. <b>2016</b> , 13, 497-506		85
649	A randomized trial examining preoperative sedative medication and postoperative sleep in children. <b>2016</b> , 30, 15-20		3
648	Physical activity intensity, sedentary behavior, body composition and physical fitness in 4-year-old children: results from the ministop trial. <b>2016</b> , 40, 1126-33		63
647	Social jet lag, chronotype and body mass index in 14-17-year-old adolescents. <b>2016</b> , 33, 1255-1266		35

646	Women with Postpartum Weight Retention Have Delayed Wake Times and Decreased Sleep Efficiency During the Perinatal Period: A Brief Report. <i>Sleep Health</i> , <b>2016</b> , 2, 225-228	4	8
645	Validity of an automated algorithm to identify waking and in-bed wear time in hip-worn accelerometer data collected with a 24 h wear protocol in young adults. <b>2016</b> , 37, 1636-1652		30
644	Associations between Neighborhood Context, Physical Activity, and Sleep in Adolescents. <i>Sleep Health</i> , <b>2016</b> , 2, 205-210	4	15
643	New Information on Population Activity Patterns Revealed by Objective Monitoring. <b>2016</b> , 159-179		
642	The Objective Monitoring of Physical Activity: Contributions of Accelerometry to Epidemiology, Exercise Science and Rehabilitation. <b>2016</b> ,		23
641	Perceived discrimination and youths' adjustment: sleep as a moderator. <i>Journal of Sleep Research</i> , <b>2016</b> , 25, 70-7	5.8	27
640	Normal weight children have higher cognitive performance - Independent of physical activity, sleep, and diet. <b>2016</b> , 165, 398-404		8
639	Gist extraction and sleep in 12-month-old infants. <b>2016</b> , 134 Pt B, 216-20		11
638	Qigong/Tai Chi Easy for fatigue in breast cancer survivors: Rationale and design of a randomized clinical trial. <b>2016</b> , 50, 222-8		14
637	SmartMove. <b>2016</b> ,		4
636	The promise of wearable sensors and ecological momentary assessment measures for dynamical systems modeling in adolescents: a feasibility and acceptability study. <b>2016</b> , 6, 558-565		31
635	Physical Activity, Sedentary Time, and Sleep and the Association With Inflammatory Markers and Adiponectin in 8- to 11-Year-Old Danish Children. <b>2016</b> , 13, 733-9		10
634	Sleep quality influences subsequent motor skill acquisition. <b>2016</b> , 130, 290-7		12
633	Sleep arrangements, parent-infant sleep during the first year, and family functioning. <b>2016</b> , 52, 1169-81		48
632	Parental problem drinking and children's sleep: The role of ethnicity and socioeconomic status. <b>2016</b> , 30, 708-19		12
631	The impact of napping on memory for future-relevant stimuli: Prioritization among multiple salience cues. <b>2016</b> , 130, 281-9		23
630	Estimating individual optimal sleep duration and potential sleep debt. <i>Scientific Reports</i> , <b>2016</b> , 6, 35812	4.9	41
629	Sleep Assessment in Large Cohort Studies with High-Resolution Accelerometers. <b>2016</b> , 11, 469-488		10

628	Validation of Actigraphy in Middle Childhood. <i>Sleep</i> , <b>2016</b> , 39, 1219-24	1.1	49
627	Assessment for the possibility of a first night effect for wrist actigraphy in adolescents. <b>2016</b> , 6, e012172		4
626	Partial sleep deprivation impacts impulsive action but not impulsive decision-making. <b>2016</b> , 164, 214-9		58
625	Sleep is in for Summer: Patterns of Sleep and Physical Activity in Urban Minority Girls. <b>2016</b> , 41, 692-700		8
624	Criteria for nap identification in infants and young children using 24-h actigraphy and agreement with parental diary. <b>2016</b> , 19, 85-92		26
623	Daily family stress and HPA axis functioning during adolescence: The moderating role of sleep. <b>2016</b> , 71, 43-53		38
622	Community violence concerns and adolescent sleep. <i>Sleep Health</i> , <b>2016</b> , 2, 57-62	4	19
621	Wearable Devices to Improve Physical Activity and Sleep: A Randomized Controlled Trial of College-Aged African American Women. <b>2016</b> , 47, 610-625		24
620	Comparative analysis of actigraphy performance in healthy young subjects. <b>2016</b> , 9, 272-279		24
619	A Review of Ambulatory Health Data Collection Methods for Employee Experience Sampling Research. <b>2016</b> , 65, 322-354		17
618	Characteristics Associated with Sleep Duration, Chronotype, and Social Jet Lag in Adolescents. <b>2016</b> , 32, 120-31		33
617	Short-Term Moderate Sleep Restriction Decreases Insulin Sensitivity in Young Healthy Adults. <i>Sleep Health</i> , <b>2016</b> , 2, 63-68	4	19
616	Sleep duration modifies effects of free ad libitum school meals on adiposity and blood pressure. <b>2016</b> , 41, 33-40		12
615	Free-living cross-comparison of two wearable monitors for sleep and physical activity in healthy young adults. <b>2016</b> , 157, 79-86		31
614	What's Keeping Teenagers Up? Prebedtime Behaviors and Actigraphy-Assessed Sleep Over School and Vacation. <b>2016</b> , 58, 426-432		70
613	Restricted and unrestricted sleep schedules of Asian adolescent, high-level student athletes: effects on sleep durations, marksmanship and cognitive performance. <b>2016</b> , 47, 505-518		8
612	Measures of sleep and cardiac functioning during sleep using a multi-sensory commercially-available wristband in adolescents. <b>2016</b> , 158, 143-9		135
611	The relationship between physical activity and sleep from mid adolescence to early adulthood. A systematic review of methodological approaches and meta-analysis. <b>2016</b> , 28, 32-45		95

610	Infant sleep and feeding patterns are associated with maternal sleep, stress, and depressed mood in women with a history of major depressive disorder (MDD). <b>2016</b> , 19, 209-18		27
609	24 h Accelerometry: impact of sleep-screening methods on estimates of sedentary behaviour and physical activity while awake. <b>2016</b> , 34, 679-85		46
608	Objective and subjective sleep during pregnancy: links with depressive and anxiety symptoms. <b>2016</b> , 19, 173-81		44
607	Considerations when using the activPAL monitor in field-based research with adult populations. <b>2017</b> , 6, 162-178		209
606	Sleep Period Time Estimation Based on Electrodermal Activity. <b>2017</b> , 21, 115-122		13
605	Stage 2 Sleep EEG Sigma Activity and Motor Learning in Childhood ADHD: A Pilot Study. <b>2017</b> , 46, 188-197		25
604	Sleep and mental health: the moderating role of perceived adolescent-parent attachment. <i>Sleep Health</i> , <b>2017</b> , 3, 90-97	4	11
603	Investigating the effect of acute sleep deprivation on hypothalamic-pituitary-adrenal-axis response to a psychosocial stressor. <b>2017</b> , 79, 1-8		25
602	Sleep deficiency on school days in Icelandic youth, as assessed by wrist accelerometry. <b>2017</b> , 33, 103-108		17
601	Mobile-based intervention intended to stop obesity in preschool-aged children: the MINISTOP randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 1327-1335	7	70
600	The effects of captivity survival training on mood, dissociation, PTSD symptoms, cognitive performance and stress hormones. <b>2017</b> , 117, 37-47		15
599	Insomnia Symptom Severity Modulates The Impact of Sleep Deprivation on Attentional Biases to Emotional Information. <b>2017</b> , 41, 842-852		2
598	Longitudinal Physical Activity, Body Composition, and Physical Fitness in Preschoolers. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2078-2085	1.2	46
597	Physical Activity and Sleep Quality in Breast Cancer Survivors: A Randomized Trial. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2009-2015	1.2	41
596	Associations between physical and sedentary activity regularity and sleep in preschoolers and kindergartners. <i>Sleep Health</i> , <b>2017</b> , 3, 263-268	4	10
595	Associations among physical activity, screen time, and sleep in low socioeconomic status urban girls. <b>2017</b> , 5, 275-278		11
594	Estimating sleep time from non-EEG-based PSG signals in the diagnosis of sleep-disordered breathing. <i>Sleep and Breathing</i> , <b>2017</b> , 21, 657-666	3.1	0
593	Accelerometer Data Collection and Processing Criteria to Assess Physical Activity and Other Outcomes: A Systematic Review and Practical Considerations. <b>2017</b> , 47, 1821-1845		687

592	Cognitive-behavioral versus non-directive therapy for preschoolers with severe nighttime fears and sleep-related problems. <b>2017</b> , 32, 40-47		14
591	Impact of sleep restriction versus idealized sleep on emotional experience, reactivity and regulation in healthy adolescents. <i>Journal of Sleep Research</i> , <b>2017</b> , 26, 516-525	5.8	52
590	Levels of activity identification & sleep duration detection with a wrist-worn accelerometer-based device. <b>2017</b> , 2017, 2369-2372		3
589	Family Contexts of Sleep and Health Across the Life Course. <b>2017</b> ,		2
588	Restoration of resident sleep and wellness with block scheduling. <b>2017</b> , 51, 1241-1249		6
587	Detection of the Sleep Stages Throughout Non-Obtrusive Measures of Inter-Beat Fluctuations and Motion: Night and Day Sleep of Female Shift Workers. <b>2017</b> , 16, 1750033		1
586	Sleep Efficiency Modulates Associations Between Family Stress and Adolescent Depressive Symptoms and Negative Affect. <b>2017</b> , 61, 501-507		23
585	The Effects of Experimental Manipulation of Sleep Duration on Neural Response to Food Cues. <i>Sleep</i> , <b>2017</b> , 40,	1.1	25
584	Frequency and Management of Sleep Disturbance in Adults with Atopic Dermatitis: A Systematic Review. <b>2017</b> , 7, 349-364		38
583	Evaluation of the wrist-worn ActiGraph wGT3x-BT for estimating activity energy expenditure in preschool children. <b>2017</b> , 71, 1212-1217		15
582	Neural connectivity moderates the association between sleep and impulsivity in adolescents. <b>2017</b> , 27, 35-44		18
581	Performance comparison between wrist and chest actigraphy in combination with heart rate variability for sleep classification. <b>2017</b> , 89, 212-221		24
580	Classification of Rest and Active Periods in Actigraphy Data Using PCA. <b>2017</b> , 114, 275-280		6
579	Evidence of sub-optimal sleep in adolescent Middle Eastern academy soccer players which is exacerbated by sleep intermission proximal to dawn. <b>2017</b> , 17, 1110-1118		12
578	Gene-by-environment interactions of the CLOCK, PEMT, and GHRELIN loci with average sleep duration in relation to obesity traits using a cohort of 643 New Zealand European children. <b>2017</b> , 37, 19-26		7
577	Within-Family Relations in Objective Sleep Duration, Quality, and Schedule. <i>Child Development</i> , <b>2017</b> , 88, 1983-2000	4.9	28
576	Quantifying Training Loads in Contemporary Dance. <b>2017</b> , 12, 796-802		11
575	Sleep and Aging Skin. <b>2017</b> , 2161-2173		

574	A Preliminary Multimethod Comparison of Sleep Among Adolescents With and Without Generalized Anxiety Disorder. <b>2017</b> , 46, 198-210		18
573	Psychometric properties of the Sleep Condition Indicator and Insomnia Severity Index in the evaluation of insomnia disorder. <b>2017</b> , 33, 76-81		40
572	Actigraphic motor activity during sleep from infancy to adulthood. <b>2017</b> , 34, 246-253		4
571	Development and Evaluation of a Wearable Device for Sleep Quality Assessment. <b>2017</b> , 64, 1547-1557		32
570	Predicting sleep hygiene: a reasoned action approach. <b>2017</b> , 47, 3-12		15
569	The convergent validity of Actiwatch 2 and ActiGraph Link accelerometers in measuring total sleeping period, wake after sleep onset, and sleep efficiency in free-living condition. <i>Sleep and Breathing</i> , <b>2017</b> , 21, 209-215	3.1	31
568	Delay discounting and response disinhibition moderate associations between actigraphically measured sleep parameters and body mass index. <i>Journal of Sleep Research</i> , <b>2017</b> , 26, 21-29	5.8	11
567	Impact of Multi-Night Experimentally Induced Short Sleep on Adolescent Performance in a Simulated Classroom. <i>Sleep</i> , <b>2017</b> , 40,	1.1	23
566	What wrist should you wear your actigraphy device on? Analysis of dominant vs. non-dominant wrist actigraphy for measuring sleep in healthy adults. <b>2017</b> , 10, 132-135		14
565	Actigraphy. <b>2017</b> , 1671-1678.e4		11
564	Development of sleep monitoring system for observing the effect of the room ambient toward the quality of sleep. <b>2017</b> , 210, 012050		2
563	Recording and Scoring Sleep-Related Movements. <b>2017</b> , 1633-1650.e6		
562	Recovery from Unrecognized Sleep Loss Accumulated in Daily Life Improved Mood Regulation Prefrontal Suppression of Amygdala Activity. <b>2017</b> , 8, 306		19
561	Novel Tools in Determining the Physiological Demands and Nutritional Practices of Ontario FireRangers during Fire Deployments. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169390	3.7	12
560	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. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186843	3.7	6
559	Clinically significant discrepancies between sleep problems assessed by standard clinical tools and actigraphy. <b>2017</b> , 17, 253		22
558	Bidirectional Associations Between Psychological States and Physical Activity in Adolescents: A mHealth Pilot Study. <b>2017</b> , 42, 559-568		17
557	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. <b>2017</b> , 4, 2333794X17745973		

556	Promoting Resilience by Improving Children's Sleep: Feasibility Among Families Living in Supportive Housing. <b>2017</b> , 11, 285-293		7
555	Neurophysiological differences in the adolescent brain following a single night of restricted sleep - A 7T fMRI study. <b>2018</b> , 31, 1-10		13
554	Inducing more sleep on school nights reduces sedentary behavior without affecting physical activity in short-sleeping adolescents. <b>2018</b> , 47, 7-10		11
553	The associations among objectively estimated sleep and obesity indicators in elementary schoolchildren. <b>2018</b> , 47, 25-31		4
552	A randomised controlled trial of bright light therapy and morning activity for adolescents and young adults with Delayed Sleep-Wake Phase Disorder. <b>2018</b> , 45, 114-123		27
551	Sleep quality and adolescent default mode network connectivity. <b>2018</b> , 13, 290-299		28
550	Sleep deprivation and cerebrospinal fluid biomarkers for Alzheimer's disease. <i>Sleep</i> , <b>2018</b> , 41,	1.1	46
549	Latent Profiles of Physical Activity and Sedentary Behavior in Elementary School-Age Youth:Associations With Health-Related Quality of Life. <b>2018</b> , 43, 723-732		5
548	Co-Sleeping among School-Aged Anxious and Non-Anxious Children: Associations with Sleep Variability and Timing. <b>2018</b> , 46, 1321-1332		21
547	Convergent validity of actigraphy with polysomnography and parent reports when measuring sleep in children with Down syndrome. <b>2018</b> , 62, 281-291		16
546	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> , <b>2018</b> , 41,	1.1	17
545	Links between sleep and daytime behaviour problems in children with Down syndrome. <b>2018</b> , 62, 115-125		13
544	Can an automated sleep detection algorithm for waist-worn accelerometry replace sleep logs?. <b>2018</b> , 43, 1027-1032		11
543	Disturbed sleep and activity in toddlers with early signs of attention deficit hyperactivity disorder (ADHD). <i>Journal of Sleep Research</i> , <b>2018</b> , 27, e12686	5.8	8
542	Cognitive performance in adolescents with Delayed Sleep-Wake Phase Disorder: Treatment effects and a comparison with good sleepers. <b>2018</b> , 65, 72-84		5
541	The role of pre-sleep cognitions in adolescent sleep-onset problems. <b>2018</b> , 46, 117-121		8
540	Discrimination and Sleep Difficulties during Adolescence: The Mediating Roles of Loneliness and Perceived Stress. <b>2018</b> , 47, 135-147		48
539	Sleep and Skin Temperature in Preschool Children and Their Mothers. <b>2018</b> , 16, 64-78		11

538	Neighborhood Economic Deprivation and Social Fragmentation: Associations With Children's Sleep. <b>2018</b> , 16, 542-552		22
537	The utility of the Children's Sleep Habits Questionnaire: Associations between parental report and an objective measure of sleep behavior. <b>2018</b> , 47, 119-135		4
536	Short Sleep and Adolescents' Performance on a Concussion Assessment Battery: An Experimental Sleep Manipulation Study. <b>2018</b> , 28, 395-397		10
535	Gene-by-Activity Interactions on Obesity Traits of 6-Year-Old New Zealand European Children: A Children of SCOPE Study. <b>2018</b> , 30, 69-80		4
534	Laboratory and home comparison of wrist-activity monitors and polysomnography in middle-aged adults. <b>2018</b> , 16, 85-97		23
533	Infant motor activity during sleep: Simultaneous use of two actigraphs comparing right and left legs. <b>2018</b> , 57, 357-365		2
532	Regular Practice of Competitive Sports Does Not Impair Sleep in Adolescents: DADOS Study. <b>2018</b> , 30, 229-236		8
531	Development and validation of an algorithm to temporally align polysomnography and actigraphy data. <b>2018</b> , 4, 025014		1
530	The Roles of Parental Support and Family Stress in Adolescent Sleep. <i>Child Development</i> , <b>2018</b> , 89, 1577-1588	4.588	31
529	Classification and Processing of 24-Hour Wrist Accelerometer Data. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2018</b> , 1, 51-59	2.3	9
528	Utility of Activity Monitors and Thermometry in Assessing Sleep Stages and Sleep Quality. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2018</b> , 1, 108-121	2.3	1
527	Circadian Rhythms in Fractal Features of EEG Signals. <b>2018</b> , 9, 1567		16
526	Estimation of Driver's Attention Level Based on Correlation Analysis of Movements. <b>2018</b> ,		
525	Sleep duration, timing, variability and measures of adiposity among 8- to 12-year-old children with obesity. <b>2018</b> , 4, 535-544		15
524	Sleep Disorders. <b>2018</b> , 243-257		1
523	Movement behaviors and cardiometabolic risk in schoolchildren. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207300	3.7	1
522	Activity Monitoring with a Wrist-Worn, Accelerometer-Based Device. <b>2018</b> , 9,		11
521	Handbook of Pediatric Behavioral Healthcare. <b>2018</b> ,		



520	Assessment of upper limb use in children with typical development and neurodevelopmental disorders by inertial sensors: a systematic review. <b>2018</b> , 15, 94		11
519	Sleep Analysis Using Motion and Head Detection. <b>2018</b> ,		1
518	Time of day effects on the relationship between daily sleep and anxiety: An ecological momentary assessment approach. <b>2018</b> , 111, 44-51		17
517	Maternal antenatal stress has little impact on child sleep: results from a prebirth cohort in Mexico City. <i>Sleep Health</i> , <b>2018</b> , 4, 397-404	4	6
516	The relationship between naturalistic sleep variation and error monitoring in young adults: An event-related potential (ERP) study. <b>2018</b> , 134, 151-158		2
515	Can be a subjective qualitative evaluation reliable to assess the perceived physical status and the level of the performance in elite sprinters with Intellectual Impairments?. <b>2018</b> , 66, S30-S31		2
514	Preliminary comparison between actigraphic measures and sleep diary reports in people with Mild Cognitive Impairment. <b>2018</b> , 66, S31		
513	Robotic rehabilitation effect on upper limb recovery in post-acute stroke. <b>2018</b> , 66, S31-S32		
512	Does stress affect food preferences? - a randomized controlled trial investigating the effect of examination stress on measures of food preferences and obesogenic behavior. <b>2018</b> , 21, 556-563		5
511	Sleep stage classification based on multi-level feature learning and recurrent neural networks via wearable device. <b>2018</b> , 103, 71-81		37
510	Poor Sleep Quality Is Associated with Higher Hemoglobin A1c in Pregnant Women: A Pilot Observational Study. <b>2018</b> , 15,		7
509	Effects of the environment of a simulated shelter in a gymnasium on sleep in children. <b>2018</b> , 62, 2015-2023		3
508	The Association of the 24 Hour Distribution of Time Spent in Physical Activity, Work, and Sleep with Emotional Exhaustion. <b>2018</b> , 15,		10
507	Sleep-wake detection using recurrence quantification analysis. <b>2018</b> , 28, 085706		7
506	Impact of sleep on executive functioning in school-age children with Down syndrome. <b>2018</b> , 62, 569-580		13
505	Toward personalized sleep-wake prediction from actigraphy. <b>2018</b> ,		3
504	Outcomes of a Behavioral Intervention for Sleep Disturbances in Children with Autism Spectrum Disorder. <b>2018</b> , 48, 4250-4277		18
503	Sleep and Challenging Behaviors in the Context of Intensive Behavioral Intervention for Children with Autism. <b>2018</b> , 48, 3871-3884		20

502	Question 2: When is actigraphy useful for the diagnosis and treatment of sleep problems?. <b>2018</b> , 28, 41-46		2
501	Actigraphy-based sleep estimation in adolescents and adults: a comparison with polysomnography using two scoring algorithms. <b>2018</b> , 10, 13-20		97
500	Replacing sedentary time with physical activity or sleep: effects on cancer-related cognitive impairment in breast cancer survivors. <b>2018</b> , 18, 685		9
499	Daily associations between objective sleep and consumption of highly palatable food in free-living conditions. <b>2018</b> , 4, 379-386		2
498	An Active Sleep Monitoring Framework Using Wearables. <b>2018</b> , 8, 1-30		6
497	Local Use-Dependent Sleep in Wakefulness Links Performance Errors to Learning. <b>2018</b> , 12, 122		19
496	Comparison of Wearable Trackers' Ability to Estimate Sleep. <b>2018</b> , 15,		44
495	Changes in mood, fatigue, sleep, cognitive performance and stress hormones among instructors conducting stressful military captivity survival training. <b>2018</b> , 194, 137-143		3
494	Effects of feet warming using bed socks on sleep quality and thermoregulatory responses in a cool environment. <b>2018</b> , 37, 13		13
493	Sleep duration moderates the association between children's temperament and academic achievement. <b>2018</b> , 29, 624-640		9
492	Unobtrusive Sleep Monitoring Using Cardiac, Breathing and Movements Activities: An Exhaustive Review. <b>2018</b> , 6, 45129-45152		33
491	Individual Differences in Negative Affectivity and Physical Activity in Adolescents: An Ecological Momentary Assessment Study. <b>2018</b> , 27, 2772-2779		10
490	Validating the Persian Adolescent Sleep Hygiene Scale-Revised (ASHSr) using comprehensive psychometric testing methods. <b>2018</b> , 50, 63-71		11
489	Identifying bedrest using 24-h waist or wrist accelerometry in adults. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194461	3.7	6
488	Exploring the impact of experimental sleep restriction and sleep deprivation on subjectively perceived sleep parameters. <i>Journal of Sleep Research</i> , <b>2019</b> , 28, e12706	5.8	3
487	Differences in sleep patterns, sleepiness, and physical activity levels between young adults with autism spectrum disorder and typically developing controls. <b>2019</b> , 22, 164-173		14
486	Factors associated with sleep in family caregivers of individuals with dementia. <b>2019</b> , 55, 95-102		18
485	Early Life Socioeconomic Disparities in Children's Sleep: The Mediating Role of the Current Home Environment. <b>2019</b> , 48, 56-70		41

484	Sleep quality and noise: comparisons between hospital and home settings. <b>2019</b> , 104, 147-151		16
483	Classification of Sleep Videos Using Deep Learning. <b>2019</b> ,		1
482	Validity of Actigraphy Compared to Polysomnography for Sleep Assessment in Children With Autism Spectrum Disorder. <b>2019</b> , 10, 551		19
481	Differential associations between chronotype, anxiety, and negative affect: A structural equation modeling approach. <b>2019</b> , 257, 321-330		20
480	Associations of Weekday and Weekend Sleep with Children's Reported Eating in the Absence of Hunger. <b>2019</b> , 11,		15
479	Predictors of successful weight loss with relative maintenance of fat-free mass in individuals with overweight and obesity on an 8-week low-energy diet. <b>2019</b> , 122, 468-479		10
478	Benchmark on a large cohort for sleep-wake classification with machine learning techniques. <b>2019</b> , 2, 50		21
477	Practical aspects of actigraphy and approaches in clinical and research domains. <b>2019</b> , 160, 371-379		9
476	The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and the sleep-promoting effects of tryptophan: A randomized placebo-controlled crossover study. <b>2019</b> , 33, 948-954		6
475	Sleep Patterns and Anxiety in Children Interact to Predict Later Suicidal Ideation. <b>2019</b> , 48, 372-393		3
474	Network-based Responses to the Psychomotor Vigilance Task during Lapses in Adolescents after Short and Extended Sleep. <i>Scientific Reports</i> , <b>2019</b> , 9, 13913	4-9	3
473	The effects of supplementing maternal and infant diets with lipid-based nutrient supplements on physical activity and sedentary behaviour at preschool age in Ghana. <b>2019</b> , 122, 884-894		2
472	Performance comparison of different interpretative algorithms utilized to derive sleep parameters from wrist actigraphy data. <b>2019</b> , 36, 1752-1760		15
471	Prevalence and correlates of adherence to movement guidelines among urban and rural children in Mozambique: a cross-sectional study. <b>2019</b> , 16, 94		14
470	Auditory canal temperature measurement using a wearable device during sleep: Comparisons with rectal temperatures at 6, 10, and 14 cm depths. <b>2019</b> , 85, 102410		3
469	Using hidden Markov models with raw, triaxial wrist accelerometry data to determine sleep stages. <b>2019</b> , 61, 273-298		1
468	Sleep stage prediction with raw acceleration and photoplethysmography heart rate data derived from a consumer wearable device. <i>Sleep</i> , <b>2019</b> , 42,	1.1	72
467	Interindividual and intraindividual variability in adolescent sleep patterns across an entire school term: A pilot study. <i>Sleep Health</i> , <b>2019</b> , 5, 546-554	4	9

466	CHAMP: A cluster randomized-control trial to prevent obesity in child care centers. <b>2019</b> , 86, 105849		9
465	Intra-individual variability of sleep and nocturnal cardiac autonomic activity in elite female soccer players during an international tournament. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218635	3.7	18
464	Prenatal particulate air pollution exposure and sleep disruption in preschoolers: Windows of susceptibility. <b>2019</b> , 124, 329-335		24
463	Examining the impact of physical activity on sleep quality and executive functions in children with autism spectrum disorder: A randomized controlled trial. <b>2019</b> , 23, 1699-1710		25
462	Associations of sleep patterns with metabolic syndrome indices, body composition, and energy intake in children and adolescents. <b>2019</b> , 14, e12507		24
461	Circulating metabolites associated with objectively measured sleep duration and sleep variability in overweight/obese participants: a metabolomics approach within the SATIN study. <i>Sleep</i> , <b>2019</b> , 42,	1.1	8
460	Interactions between sleep duration and quality as predictors of adolescents' adjustment. <i>Sleep Health</i> , <b>2019</b> , 5, 180-186	4	10
459	Feasibility and impact on daytime sleepiness of an experimental protocol inducing variable sleep duration in adolescents. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218894	3.7	4
458	Intraindividual variability of sleep/wake patterns in adolescents with and without attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2019</b> , 60, 1219-1229	7.9	22
457	Physical exercise may improve sleep quality in children and adolescents with Fontan circulation. <b>2019</b> , 29, 922-929		6
456	Objective sleep and physical activity using 24-hour ankle-worn accelerometry among toddlers from low-income families. <i>Sleep Health</i> , <b>2019</b> , 5, 459-465	4	9
455	Body Mass Index, Physical Activity, Sedentary Behavior, Sleep, and Gross Motor Skill Proficiency in Preschool Children From a Low- to Middle-Income Urban Setting. <b>2019</b> , 16, 525-532		18
454	Sleep duration and fragmentation in relation to leukocyte DNA methylation in adolescents. <i>Sleep</i> , <b>2019</b> , 42,	1.1	3
453	Early life socioeconomic status moderates associations between objective sleep and weight-related indicators in middle childhood. <i>Sleep Health</i> , <b>2019</b> , 5, 470-478	4	3
452	The Relationship Between Progesterone, Sleep, and LH and FSH Secretory Dynamics in Early Postmenarchal Girls. <b>2019</b> , 104, 2184-2194		8
451	International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Contributions to Understanding the Global Obesity Epidemic. <b>2019</b> , 11,		24
450	Developmental trends in sleep during adolescents' transition to young adulthood. <b>2019</b> , 60, 202-210		25
449	Early parental positive personality and stress: Longitudinal associations with children's sleep. <b>2019</b> , 24, 629-650		6

448	Pilot Sleep in Long-Range and Ultra-Long-Range Commercial Flights. <b>2019</b> , 90, 109-115		6
447	Automated sensing of daily activity: A new lens into development. <b>2019</b> , 61, 444-464		23
446	Measuring sleep in young children and their mothers: Identifying actigraphic sleep composites. <b>2019</b> , 43, 278-285		15
445	Sleep and adjustment in adolescence: physical activity as a moderator of risk. <i>Sleep Health</i> , <b>2019</b> , 5, 266-272		8
444	Effects of Sleep Restriction on Food-Related Inhibitory Control and Reward in Adolescents. <b>2019</b> , 44, 692-702		6
443	Television use and its effects on sleep in early childhood. <i>Sleep Health</i> , <b>2019</b> , 5, 241-247	4	15
442	The coupling of short sleep duration and high sleep need predicts riskier decision making. <b>2019</b> , 34, 1196-1213	4	
441	What does a good night's sleep mean? Nonlinear relations between sleep and children's cognitive functioning and mental health. <i>Sleep</i> , <b>2019</b> , 42,	1.1	16
440	Changes in objectively measured physical activity after a multidisciplinary lifestyle intervention in children with abdominal obesity: a randomized control trial. <b>2019</b> , 19, 90		6
439	Diabetes management mediates the association between sleep duration and glycemic control in youth with type 1 diabetes mellitus. <b>2019</b> , 60, 132-138		17
438	Sleep, energy balance, and meal timing in school-aged children. <b>2019</b> , 60, 139-144		12
437	Investigating the Sleep-Pain Relationship in Youth with Sickle Cell Utilizing mHealth Technology. <b>2019</b> , 44, 323-332		12
436	Cumulative Childhood Lead Levels in Relation to Sleep During Adolescence. <b>2019</b> , 15, 1443-1449		6
435	Deep-ACTINet: End-to-End Deep Learning Architecture for Automatic Sleep-Wake Detection Using Wrist Actigraphy. <b>2019</b> , 8, 1461		9
434	Effect of Parental Counseling on Infants' Healthy Sleep Habits in Brazil: A Randomized Clinical Trial. <b>2019</b> , 2, e1918062		6
433	Preliminary evidence-based recommendations for return to learn: a novel pilot study tracking concussed college students. <b>2019</b> , 4, CNC63		7
432	Categorizing Sleep in Older Adults with Wireless Activity Monitors Using LSTM Neural Networks. <b>2019</b> , 2019, 3368-3372		2
431	Association Between Objectively Measured Sleep Duration and Symptoms of Psychiatric Disorders in Middle Childhood. <b>2019</b> , 2, e1918281		18

430	A Two-Stage HMM Model for Sleep/Wake Identification via Commercial Wearable Device*. <b>2019,</b>		1
429	Tailoring Individualized Evaluation of Pediatric Abdominal Pain Using Ecological Momentary Assessment (EMA): A Pilot Study Testing Feasibility and Acceptability. <b>2019, 35, 859-868</b>		4
428	Comparability of accelerometer signal aggregation metrics across placements and dominant wrist cut points for the assessment of physical activity in adults. <i>Scientific Reports, 2019, 9, 18235</i>	4.9	25
427	Sleep assessment devices: types, market analysis, and a critical view on accuracy and validation. <b>2019, 16, 1041-1052</b>		13
426	Repeated lumbar punctures within 3 days may affect CSF biomarker levels. <b>2019, 16, 37</b>		3
425	Associations Between Physical Activity and Chronic Pain Severity in Youth With Chronic Abdominal Pain. <b>2019, 35, 618-624</b>		10
424	Personalized Sleep Parameters Estimation from Actigraphy: A Machine Learning Approach. <b>2019, 11, 387-399</b>		15
423	Wrist-specific accelerometry methods for estimating free-living physical activity. <b>2019, 22, 677-683</b>		10
422	Daily interpersonal stress, sleep duration, and gene regulation during late adolescence. <b>2019, 103, 147-155</b>		14
421	Does Night Training Load Affect Sleep Patterns and Nocturnal Cardiac Autonomic Activity in High-Level Female Soccer Players?. <b>2019, 14, 779-787</b>		16
420	Shortened Sleep Duration Causes Sleepiness, Inattention, and Oppositionality in Adolescents With Attention-Deficit/Hyperactivity Disorder: Findings From a Crossover Sleep Restriction/Extension Study. <b>2019, 58, 433-442</b>		45
419	Sleep patterns and nocturnal cardiac autonomic activity in female athletes are affected by the timing of exercise and match location. <b>2019, 36, 360-373</b>		15
418	Development of sleep patterns in children with obese and normal-weight parents. <b>2019, 55, 809-818</b>		3
417	Differences in sleep between concussed and nonconcussed college students: a matched case-control study. <i>Sleep, 2019, 42,</i>	1.1	15
416	Associations between objectively measured and self-reported sleep with academic and cognitive performance in adolescents: DADOS study. <i>Journal of Sleep Research, 2019, 28, e12811</i>	5.8	12
415	Sleep duration differentially affects brain activation in response to food images in adolescents with overweight/obesity compared to adolescents with normal weight. <i>Sleep, 2019, 42,</i>	1.1	6
414	Bedtime Autonomy and Cellphone Use Influence Sleep Duration in Adolescents. <b>2019, 64, 124-130</b>		18
413	Stability and change in daytime and nighttime sleep in children attending daycare. <b>2019, 43, 166-172</b>		1

412	Revisiting the International Physical Activity Questionnaire (IPAQ): Assessing sitting time among individuals with schizophrenia. <b>2019</b> , 271, 311-318		6
411	Infant nocturnal wakefulness: a longitudinal study comparing three sleep assessment methods. <i>Sleep</i> , <b>2019</b> , 42,	1.1	23
410	The Heat Is On: A Mixed-Method Examination of Eating Behavior and Executive Functions Among Low Income Minority Girls During Summertime. <b>2019</b> , 39, 625-641		4
409	Does Increased Consolidated Nighttime Sleep Facilitate Attentional Control? A Pilot Study of Nap Restriction in Preschoolers. <b>2019</b> , 23, 333-340		10
408	Child Sleep and Socioeconomic Context in the Development of Cognitive Abilities in Early Childhood. <i>Child Development</i> , <b>2019</b> , 90, 1718-1737	4.9	24
407	Monitoring healthy and disturbed sleep through smartphone applications: a review of experimental evidence. <i>Sleep and Breathing</i> , <b>2019</b> , 23, 13-24	3.1	32
406	Reciprocal Relations Between Parental Problem Drinking and Children's Sleep: The Role of Socioeconomic Adversity. <i>Child Development</i> , <b>2019</b> , 90, 1987-2000	4.9	4
405	Actigraphic Sleep Pattern of Preschoolers With ADHD. <b>2020</b> , 24, 611-624		15
404	Relations Between Sleep and Temperament in Preschool Children With ADHD. <b>2020</b> , 24, 535-544		5
403	The cortisol awakening response after sleep deprivation: Is the cortisol awakening response a "response" to awakening or a circadian process?. <b>2020</b> , 25, 900-912		9
402	Maternal Executive Function and Sleep Interact in the Prediction of Negative Parenting. <b>2020</b> , 18, 203-216		5
401	Daily rumination about stress, sleep, and diurnal cortisol activity. <b>2020</b> , 34, 188-200		14
400	Measuring sleep in the intensive care unit: Electroencephalogram, actigraphy, or questionnaire?. <b>2020</b> , 21, 22-27		6
399	Linear and Nonlinear Associations between Sleep and Adjustment in Adolescence. <b>2020</b> , 18, 690-704		11
398	Sleep spindle density is associated with worry in children with generalized anxiety disorder and healthy controls. <b>2020</b> , 260, 418-425		5
397	The Role of Self-regulation Failures and Self-care in the Link Between Daily Sleep Quality and Blood Glucose Among Adults with Type 1 Diabetes. <b>2020</b> , 54, 249-257		7
396	Actigraphy versus Polysomnography to Measure Sleep in Youth Treated for Craniopharyngioma. <b>2020</b> , 18, 589-597		4
395	A thorough psychometric comparison between Athens Insomnia Scale and Insomnia Severity Index among patients with advanced cancer. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e12891	5.8	24

394	Performance assessment of new-generation Fitbit technology in deriving sleep parameters and stages. <b>2020</b> , 37, 47-59	24
393	A systematic review of the accuracy of sleep wearable devices for estimating sleep onset. <b>2020</b> , 49, 101227	45
392	Neural recruitment related to threat perception differs as a function of adolescent sleep. <b>2020</b> , 23, e12933	2
391	A Pilot Crossover Trial of Sleep Medications for Sleep-disturbed Methadone Maintenance Patients. <b>2020</b> , 14, 126-131	6
390	Sensors Capabilities, Performance, and Use of Consumer Sleep Technology. <b>2020</b> , 15, 1-30	30
389	Trauma Management Therapy and Prolonged Exposure Therapy for PTSD in an active duty sample: Design and methodology of a randomized clinical trial. <b>2020</b> , 17, 100491	0
388	Sleep duration, sleep variability, and impairments of visual attention. <b>2020</b> , 73, 868-880	2
387	Naturalistic, multimethod exploratory study of sleep duration and quality as predictors of dysregulated eating in youth with overweight and obesity. <b>2020</b> , 146, 104521	4
386	The Association Between Affect and Sleep in Adolescents With and Without FGIDs. <b>2020</b> , 45, 110-119	2
385	Seafarers' Physical Activity and Sleep Patterns: Results from Asia-Pacific Sea Routes. <b>2020</b> , 17,	3
384	Racial/ethnic disparity in habitual sleep is modified by caloric intake in adolescents. <b>2020</b> , 76, 65-71	2
383	Automated feature extraction from population wearable device data identified novel loci associated with sleep and circadian rhythms. <b>2020</b> , 16, e1009089	1
382	Mindfulness-Based Stress Reduction Benefits Psychological Well-Being, Sleep Quality, and Athletic Performance in Female Collegiate Rowers. <b>2020</b> , 11, 572980	6
381	Experimental sleep restriction increases somatic complaints in healthy adolescents. <b>2020</b> , 73, 213-216	3
380	Children's sleep, impulsivity, and anger: shared genetic etiology and implications for developmental psychopathology. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 1070-1079	7.9 3
379	Temporal association between objectively measured smartphone usage, sleep quality and physical activity among Chinese adolescents and young adults. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13213	5.8 2
378	Objective and subjective sleep measures are associated with neurocognition in aging adults with and without HIV. <b>2020</b> , 1-20	6
377	Mindfulness, Education, and Exercise for age-related cognitive decline: Study protocol, pilot study results, and description of the baseline sample. <b>2020</b> , 17, 581-594	5



376	Sleep and Cognition in Children with Fetal Alcohol Spectrum Disorders (FASD) and Children with Autism Spectrum Disorders (ASD). <b>2020</b> , 10,		5
375	Sleep in Hospitalized Children With Cancer: A Cross-Sectional Study. <b>2020</b> , 10, 969-976		5
374	Taking the sleep lab to the field: Biometric techniques for quantifying sleep and circadian rhythms in humans. <b>2021</b> , 33, e23541		2
373	Sensory stimulation in the treatment of children with sleep-related rhythmic movement disorder: a feasibility and acceptability study. <b>2020</b> , 4,		0
372	Current and Future Roles of Consumer Sleep Technologies in Sleep Medicine. <b>2020</b> , 15, 391-408		8
371	Examining the effects of applying ActiGraph low-frequency extension feature to analyze the sleeping behaviours of preschool-aged children. <b>2020</b> , 45, 1396-1399		2
370	Advanced psychometric testing on a clinical screening tool to evaluate insomnia: sleep condition indicator in patients with advanced cancer. <b>2020</b> , 18, 343-349		5
369	IoT Healthcare: Design of Smart and Cost-Effective Sleep Quality Monitoring System. <b>2020</b> , 2020, 1-17		16
368	Effects on sleep from group activity with a robotic seal for nursing home residents with dementia: a cluster randomized controlled trial. <b>2021</b> , 33, 1045-1056		5
367	Association between free-living sleep and memory and attention in healthy adolescents. <i>Scientific Reports</i> , <b>2020</b> , 10, 16877	4.9	2
366	The protective effect of daytime sleep on planning and risk-related decision-making in emerging adults. <b>2020</b> , 15, 1228-1237		2
365	Performance of a commercial multi-sensor wearable (Fitbit Charge HR) in measuring physical activity and sleep in healthy children. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237719	3.7	13
364	Examining the day-to-day bidirectional associations between physical activity, sedentary behavior, screen time, and sleep health during school days in adolescents. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238721	3.7	3
363	Evaluation of the Vibe Actigraph in Patients With Chronic Obstructive Pulmonary Disease: A Pilot Study. <b>2020</b> , 8, 2700708		1
362	Lack of Agreement between Polysomnography and Accelerometry Devices for Measuring Sleep Efficiency and Movement in University Students. <b>2020</b> , 24, 291-302		1
361	Influence of Training Schedules on Objective Measures of Sleep in Adolescent Academy Football Players. <b>2020</b> , 34, 2515-2521		6
360	Physical Activity, Sedentary Behaviour and Sleep, and Their Association with BMI in a Sample of Adolescent Females in New Zealand. <b>2020</b> , 17,		4
359	Which are the Central Aspects of Infant Sleep? The Dynamics of Sleep Composites across Infancy. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6

358	Sleep in New Zealand children aged 7-9: associations with ethnicity, socioeconomic status, and achievement in reading and mathematics. <b>2020</b> , 16, 847-854		1
357	Ear-EEG for sleep assessment: a comparison with actigraphy and PSG. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 1693-1705		4
356	Mercury exposure in relation to sleep duration, timing, and fragmentation among adolescents in Mexico City. <b>2020</b> , 191, 110216		2
355	Physiologic vasomotor symptoms are associated with verbal memory dysfunction in breast cancer survivors. <b>2020</b> , 27, 1209-1219		5
354	Bidirectional relationships between sleep and biomarkers of stress and immunity in youth. <b>2020</b> , 158, 331-339		4
353	Sleep profiles of Australian children aged 11-12 years and their parents: sociodemographic characteristics and lifestyle correlates. <b>2020</b> , 73, 53-62		6
352	Caffeine Use and Associations With Sleep in Adolescents With and Without ADHD. <b>2020</b> , 45, 643-653		7
351	Less physical activity and more varied and disrupted sleep is associated with a less favorable metabolic profile in adolescents. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229114	3-7	3
350	Feasibility of Targeting Hispanic Fathers and Children in an Obesity Intervention. <b>2020</b> , 16, 379-392		6
349	Changes in sleep and activity from age 15 to 17 in students with traditional and college-style school schedules. <i>Sleep Health</i> , <b>2020</b> , 6, 749-757	4	4
348	Sleep and Inflammation During Adolescents' Transition to Young Adulthood. <b>2020</b> , 67, 821-828		3
347	Low energy intake and dietary quality are associated with low objective sleep quality in young Japanese women. <b>2020</b> , 80, 44-54		5
346	Sleep Moderating the Relationship Between Pain and Health Care Use in Youth With Sickle Cell Disease. <b>2020</b> , 36, 117-123		1
345	An integrated sleep and anxiety intervention for anxious children: A pilot randomized controlled trial. <b>2020</b> , 25, 945-957		3
344	Sleep across early childhood: implications for internalizing and externalizing problems, socioemotional skills, and cognitive and academic abilities in preschool. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 1080-1091	7-9	13
343	Impact of sleep restriction on affective functioning in adolescents with attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 1160-1168	7-9	11
342	The future of sleep health: a data-driven revolution in sleep science and medicine. <b>2020</b> , 3, 42		61
341	Relationship Between Sleep and Behavior in Autism Spectrum Disorder: Exploring the Impact of Sleep Variability. <b>2020</b> , 14, 211		10

340	Uncovering sleep in young males with Duchenne muscular dystrophy. <b>2020</b> , 26, 20-28		3
339	Actigraphic estimates of sleep and the sleep-wake rhythm, and 6-sulfatoxymelatonin levels in healthy Dutch children. <b>2020</b> , 37, 660-672		6
338	Objective and Subjective Assessments of Sleep in Children: Comparison of Actigraphy, Sleep Diary Completed by Children and Parents' Estimation. <b>2020</b> , 11, 495		19
337	Comparing sleep patterns between children with autism spectrum disorder and children with typical development: A matched case-control study. <b>2020</b> , 24, 2298-2303		1
336	Prevalence and socio-demographic correlates of accelerometer measured physical activity levels of school-going children in Kampala city, Uganda. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235211	3-7	0
335	Sleep and development in adolescence in the context of socioeconomic disadvantage. <b>2020</b> , 83, 1-11		5
334	Active Learning Norwegian Preschool(er)s (ACTNOW) - Design of a Cluster Randomized Controlled Trial of Staff Professional Development to Promote Physical Activity, Motor Skills, and Cognition in Preschoolers. <b>2020</b> , 11, 1382		3
333	Sleep restriction alters children's positive emotional responses, but effects are moderated by anxiety. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 1150-1159	7-9	4
332	Linking inhibition and anxiety symptoms following sleep restriction: The moderating role of prior sleep efficiency. <b>2020</b> , 127, 103575		2
331	Augmenting usual care SSRIs with cognitive behavioral therapy for insomnia to improve depression outcomes in youth: Design of a randomized controlled efficacy-effectiveness trial. <b>2020</b> , 91, 105967		3
330	Sleep and Adiposity in Children From 2 to 6 Years of Age. <i>Pediatrics</i> , <b>2020</b> , 145,	7-4	11
329	Delayed sleep timing and circadian rhythms in pregnancy and transdiagnostic symptoms associated with postpartum depression. <b>2020</b> , 10, 14		23
328	Prevalence and stability of insufficient sleep measured by actigraphy: a prospective community study. <b>2020</b> , 88, 110-116		4
327	Actigraphy-Based Assessment of Sleep Parameters. <b>2020</b> , 64, 350-367		40
326	Validity of the Brief Infant Sleep Questionnaire (BISQ) in Brazilian children. <b>2020</b> , 69, 65-70		5
325	Assessing the effects of sleep on neurocognitive performance and injury rate in adolescent athletes using actigraphy. <b>2020</b> , 28, 498-506		2
324	ActiGraph GT3X+ and Actical Wrist and Hip Worn Accelerometers for Sleep and Wake Indices in Young Children Using an Automated Algorithm: Validation With Polysomnography. <b>2019</b> , 10, 958		29
323	A novel machine learning unsupervised algorithm for sleep/wake identification using actigraphy. <b>2020</b> , 37, 1002-1015		11

322	Less screen time and more physical activity is associated with more stable sleep patterns among Icelandic adolescents. <i>Sleep Health</i> , <b>2020</b> , 6, 609-617	4	5
321	Association between objectively assessed physical activity and sleep quality in adolescence. Results from the GINIplus and LISA studies. <b>2020</b> , 72, 65-74		3
320	Detecting sleep using heart rate and motion data from multisensor consumer-grade wearables, relative to wrist actigraphy and polysomnography. <i>Sleep</i> , <b>2020</b> , 43,	1.1	34
319	Sleep health in young children living with socioeconomic adversity. <b>2020</b> , 43, 329-340		11
318	The impact of short sleep on food reward processes in adolescents. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13054	5.8	3
317	Comparison of subjectively and objectively assessed sleep problems in breast cancer patients starting neoadjuvant chemotherapy. <b>2021</b> , 29, 1015-1023		9
316	Associations of sleep with gray matter volume and their implications for academic achievement, executive function and intelligence in children with overweight/obesity. <b>2021</b> , 16, e12707		3
315	Linking autonomic nervous system reactivity with sleep in adolescence: Sex as a moderator. <b>2021</b> , 63, 650-661		1
314	Markers of poor sleep quality increase sedentary behavior in college students as derived from accelerometry. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 537-544	3.1	2
313	Daily Family Connection and Objective Sleep in Latinx Adolescents: The Moderating Role of Familism Values and Family Communication. <b>2021</b> , 50, 506-520		4
312	Sleep assessment by means of a wrist actigraphy-based algorithm: agreement with polysomnography in an ambulatory study on older adults. <b>2021</b> , 38, 400-414		5
311	Sleep and cardiometabolic health in children and adults: examining sleep as a component of the 24-h day. <b>2021</b> , 78, 63-74		5
310	A meta-analysis of accelerometer sleep outcomes in healthy children based on the Sadeh algorithm: the influence of child and device characteristics. <i>Sleep</i> , <b>2021</b> , 44,	1.1	1
309	Sweat, Sit, Sleep: A Compositional Analysis of 24-hr Movement Behaviors and Body Mass Index among Children with Autism Spectrum Disorder. <b>2021</b> , 14, 545-550		1
308	Sleep and self-regulation in early childhood. <b>2021</b> , 60, 111-137		0
307	Comparison and prediction of sleep quality in users of bed or hammock as sleeping device. <i>Sleep Health</i> , <b>2021</b> , 7, 93-97	4	0
306	An algorithm for actigraphy-based sleep/wake scoring: Comparison with polysomnography. <b>2021</b> , 132, 137-145		9
305	Eveningness Predicts Negative Affect Following Sleep Restriction. <b>2021</b> , 52, 797-805		2

304	Longitudinal relations between sleep and cognitive functioning in children: Self-esteem as a moderator. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13209	5.8	1
303	Deep Learning to Predict Energy Expenditure and Activity Intensity in Free Living Conditions using Wrist-specific Accelerometry. <b>2021</b> , 39, 683-690		2
302	IoT-Based Unobtrusive Sensing for Sleep Quality Monitoring and Assessment. <b>2021</b> , 21, 3799-3809		7
301	Sleep of Wheelchair Rugby Athletes: Training, Rest and Competition. <b>2021</b> , 42, 169-174		5
300	Which objective sleep elements predict children's perceptions of good sleep quality? A preliminary investigation based on polysomnography and actigraphy. <i>Sleep Health</i> , <b>2021</b> , 7, 65-71	4	4
299	A standardized framework for testing the performance of sleep-tracking technology: step-by-step guidelines and open-source code. <i>Sleep</i> , <b>2021</b> , 44,	1.1	24
298	Children's objective sleep assessed with wrist-based accelerometers: strong heritability of objective quantity and quality unique from parent-reported sleep. <i>Sleep</i> , <b>2021</b> , 44,	1.1	5
297	Physical Activity, Sedentary Behavior, and Sleep Before and After Bariatric Surgery and Associations with Weight Loss Outcome. <b>2021</b> , 31, 250-259		7
296	Technologies in the Pediatric Sleep Lab: Present and Future. <b>2021</b> , 179-191		
295	The association of actigraphic sleep measures and physical activity with excess weight and adiposity in kindergarteners. <i>Scientific Reports</i> , <b>2021</b> , 11, 2298	4.9	1
294	Even a Mild Sleep Restriction Can Impact Daytime Functioning in Children with ADHD and Their Typically Developing Peers. <b>2021</b> , 1-16		1
293	Sleep and physical activity in healthy 8-9-year-old children are affected by oily fish consumption in the FiSK Junior randomized trial. <b>2021</b> , 60, 3095-3106		
292	Racial disparities in adolescent sleep duration: Physical activity as a protective factor. <b>2021</b> , 27, 118-122		7
291	Possible utilization of salivary IFN- $\gamma$ /IL-4 ratio as a marker of chronic stress in healthy individuals. <b>2021</b> , 41, 65-72		4
290	Parental sleep after induction therapy for childhood acute lymphoblastic leukemia. <b>2021</b> , 3, e045		2
289	Identifying bedrest using waist-worn triaxial accelerometers in preschool children. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246055	3.7	1
288	Sleep classification from wrist-worn accelerometer data using random forests. <i>Scientific Reports</i> , <b>2021</b> , 11, 24	4.9	17
287	Sleep among Youth with Severely Disabling Chronic Pain: Before, during, and after Inpatient Intensive Interdisciplinary Pain Treatment. <b>2021</b> , 8,		0

286	Prospective associations between pre-sleep electronics use and same-night sleep in healthy school-aged children. <b>2021</b> , 50, 293-310		0
285	Sleep Indices and Cardiac Autonomic Activity Responses during an International Tournament in a Youth National Soccer Team. <b>2021</b> , 18,		6
284	Persistent Short Sleep from Childhood to Adolescence: Child, Parent and Peer Predictors. <b>2021</b> , 13, 163-175		1
283	Sleep-Wake Timings in Adolescence: Chronotype Development and Associations with Adjustment. <b>2021</b> , 50, 628-640		3
282	A Combined Sleep Hygiene and Mindfulness Intervention to Improve Sleep and Well-Being During High-Performance Youth Tennis Tournaments. <b>2020</b> , 16, 250-258		5
281	Salivary Inflammatory Molecules as Biomarkers of Sleep Alterations: A Scoping Review. <b>2021</b> , 11,		0
280	Screen use before bedtime: Consequences for nighttime sleep in young children. <b>2021</b> , 62, 101522		4
279	Pediatric recurring pain in the community: the role of children's sleep and internalizing symptoms. <b>2021</b> , 44, 551-562		
278	Organized Sport Participation, Physical Activity, Sleep and Screen Time in 16-Year-Old Adolescents. <b>2021</b> , 18,		0
277	A Rest Quality Metric Using a Cluster-Based Analysis of Accelerometer Data and Correlation With Digital Medicine Ingestion Data: Algorithm Development. <b>2021</b> , 5, e17993		
276	Biologically normal sleep in the mother-infant dyad. <b>2021</b> , 33, e23589		4
275	Validity of a Novel Research-Grade Physical Activity and Sleep Monitor for Continuous Remote Patient Monitoring. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
274	Relationships between College Students' Sedentary Behavior, Sleep Quality, and Body Mass Index. <b>2021</b> , 18,		0
273	Sleep Dysregulation and Daytime Electrodermal Patterns in Children With Autism: A Descriptive Study. <b>2021</b> , 182, 335-347		2
272	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. <b>2021</b> , 22, 307		0
271	GRANADA consensus on analytical approaches to assess associations with accelerometer-determined physical behaviours (physical activity, sedentary behaviour and sleep) in epidemiological studies. <b>2021</b> ,		15
270	Heart rate detection by Fitbit ChargeHR : A validation study versus portable polysomnography. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13346	5.8	4
269	Bedtime smart device usage and accelerometer-measured sleep outcomes in children and adolescents. <i>Sleep and Breathing</i> , <b>2021</b> , 1	3.1	0

268	An Efficient Segmentation Algorithm to Estimate Sleep Duration from Actigraphy Data. 1		2
267	A school-based sleep education program to improve sleep duration, latency, and efficiency of Spanish children. <b>2021</b> , 19, 343-351		1
266	Daily associations between sleep and opioid use among adults with comorbid symptoms of insomnia and fibromyalgia. <b>2021</b> , 17, 729-737		
265	Presleep Arousal and Sleep in Early Childhood. <b>2021</b> , 182, 236-251		2
264	Sleep and its Association With Pain and Depression in Nursing Home Patients With Advanced Dementia - a Cross-Sectional Study. <b>2021</b> , 12, 633959		3
263	Monitoring Individual Sleep and Nocturnal Heart Rate Variability Indices: The Impact of Training and Match Schedule and Load in High-Level Female Soccer Players. <b>2021</b> , 12, 678462		6
262	Off-training physical activity and training responses as determinants of sleep quality in young soccer players. <i>Scientific Reports</i> , <b>2021</b> , 11, 10219	4.9	1
261	Validation of the Munich Actimetry Sleep Detection Algorithm for estimating sleep-wake patterns from activity recordings. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13371	5.8	2
260	Bidirectional Relations Between Sleep and Emotional Distress in College Students: Loneliness as a Moderator. <b>2021</b> , 182, 361-373		0
259	Age and gender differences in objective sleep properties using large-scale body acceleration data in a Japanese population. <i>Scientific Reports</i> , <b>2021</b> , 11, 9970	4.9	6
258	Sleep Difficulties among Mexican Adolescents: Subjective and Objective Assessments of Sleep. <b>2021</b> , 1-21		1
257	Shuteye Time Compared With Bedtime: Misclassification of Sleep in Adolescent Females. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2021</b> , 4, 137-142	2.3	1
256	Sleep and physical activity patterns in adults and children with Bardet-Biedl syndrome. <b>2021</b> , 16, 276		1
255	Sleep timing and consistency are associated with the standardised test performance of Icelandic adolescents. <i>Journal of Sleep Research</i> , <b>2021</b> , e13422	5.8	1
254	Evaluation of salivary melatonin concentrations as a circadian phase maker of morning awakening and their association with depressive mood in postpartum mothers. <b>2021</b> , 38, 1409-1420		4
253	RE: "A COMPARISON OF SELF- AND PROXY-REPORTED SUBJECTIVE SLEEP DURATIONS WITH OBJECTIVE ACTIGRAPHY MEASUREMENTS IN A SURVEY OF WISCONSIN CHILDREN 6-17 YEARS OF AGE". <b>2021</b> , 190, 2500		1
252	The Role of the Thalamus in the Neurological Mechanism of Subjective Sleepiness: An fMRI Study. <b>2021</b> , 13, 899-921		2
251	Comparing GENEActiv against Actiwatch-2 over Seven Nights Using a Common Sleep Scoring Algorithm and Device-Specific Wake Thresholds. <b>2021</b> , 1-11		2

250	A mixed methods study of perinatal sleep and breastfeeding outcomes in women at risk for postpartum depression. <i>Sleep Health</i> , <b>2021</b> , 7, 353-361	4	3
249	Effect of morning versus evening exercise training on sleep, physical activity, fitness, fatigue and quality of life in overweight and obese adults. <b>2021</b> , 38, 1537-1548		5
248	Shared genetic architecture underlying sleep and weight in children. <b>2021</b> , 83, 40-44		
247	The Impact of Organised Sport, Physical Education and Active Commuting on Physical Activity in a Sample of New Zealand Adolescent Females. <b>2021</b> , 18,		2
246	Emfit Bed Sensor Activity Shows Strong Agreement with Wrist Actigraphy for the Assessment of Sleep in the Home Setting. <b>2021</b> , 13, 1157-1166		1
245	Sustained attention across toddlerhood: The roles of language and sleep. <b>2021</b> , 57, 1042-1057		1
244	Later sleep timing predicts accelerated summer weight gain among elementary school children: a prospective observational study. <b>2021</b> , 18, 94		3
243	Association between sleep quality and physical functioning in adults with down syndrome: A brief report. <b>2021</b> , 15, 101173		
242	Deconstructing Commercial Wearable Technology: Contributions toward Accurate and Free-Living Monitoring of Sleep. <i>Sensors</i> , <b>2021</b> , 21,	3.8	5
241	Tau and $\beta$ Amyloid Burden Predict Actigraphy-Measured and Self-Reported Impairment and Misperception of Human Sleep. <b>2021</b> , 41, 7687-7696		4
240	The Effectiveness of Bilateral Alternating Tactile Stimulation for Improving Sleep in Children with Sensory over-Responsivity. <b>2021</b> , 35, 424-441		
239	Seasonal Sleep Variations and Their Association With Meteorological Factors: A Japanese Population Study Using Large-Scale Body Acceleration Data. <b>2021</b> , 3, 677043		1
238	Protocol of the Snuggle Bug/Acurrucadito Study: a longitudinal study investigating the influences of sleep-wake patterns and gut microbiome development in infancy on rapid weight gain, an early risk factor for obesity. <b>2021</b> , 21, 374		0
237	Sleep and Inhibitory Control Over Mood-Congruent Information in Emerging Adults With Depressive Disorder. <b>2021</b> , 83, 1004-1012		1
236	Cross-sectional associations between objectively measured sleep characteristics and body mass index in European children and adolescents. <b>2021</b> , 84, 32-39		1
235	Past, Present, and Future of Multisensory Wearable Technology to Monitor Sleep and Circadian Rhythms. <b>2021</b> , 3, 721919		6
234	Does iPhone night shift mitigate negative effects of smartphone use on sleep outcomes in emerging adults?. <i>Sleep Health</i> , <b>2021</b> , 7, 478-484	4	8
233	Longitudinal changes in sleep patterns and circadian rhythm metrics in preschool-age children from Northern Mexico. <i>Sleep Health</i> , <b>2021</b> , 7, 596-602	4	0



232	Protocol for a pilot trial to assess the feasibility of the Move More @ Work intervention to encourage employees to take the opportunity to move (be physically active) after every 30 min of sitting. <b>2021</b> , 7, 172		0
231	Correlates of poor sleep based upon wrist actigraphy data in bipolar disorder. <b>2021</b> , 141, 385-389		0
230	Association Between Accelerometer and Parental Reported Weekend and Weekday Sleeping Patterns and Adiposity Among Preschool-Aged Children. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2021</b> , 4, 266-273	2.3	
229	Associations of sleep with food cravings and loss-of-control eating in youth: An ecological momentary assessment study. <b>2021</b> , e12851		0
228	Discrimination and adjustment in adolescence: The moderating role of sleep. <i>Sleep</i> , <b>2021</b> ,	1.1	0
227	Child Sleep Linked to Child and Family Functioning in Children with Down Syndrome. <b>2021</b> , 11,		3
226	Developing a Novel Measurement of Sleep in Rheumatoid Arthritis: Study Proposal for Approach and Considerations. <b>2021</b> , 5, 191-205		0
225	The development, inter-rater agreement and performance of a hierarchical procedure for setting the rest-interval in actigraphy data. <b>2021</b> , 85, 221-229		1
224	On the Unification of Common Actigraphic Data Scoring Algorithms. <i>Sensors</i> , <b>2021</b> , 21,	3.8	
223	School commute time, chronotype, and altered HPA axis functioning during adolescence. <b>2021</b> , 133, 105371		1
222	Personalized recognition of wake/sleep state based on the combined shapelets and K-means algorithm. <b>2022</b> , 71, 103132		0
221	Co-Sleeping between Adolescents and Their Pets May Not Impact Sleep Quality. <b>2021</b> , 3, 1-11		4
220	Machine and Deep Learning in Molecular and Genetic Aspects of Sleep Research. <b>2021</b> , 18, 228-243		2
219	Caution in Clinical Interpretation of Near Point of Convergence: Influence of Time of Day on Oculomotor Function. <b>2021</b> , 13, 7-10		1
218	Efficient embedded sleep wake classification for open-source actigraphy. <i>Scientific Reports</i> , <b>2021</b> , 11, 345	4.9	6
217	Behavioral Medicine and Sleep: Concepts, Measures, and Methods. <b>2010</b> , 749-765		12
216	Assessing sleepiness. <b>2003</b> , 169-184		1
215	Actigraphy pattern analysis for outpatient monitoring. <b>2015</b> , 1246, 3-17		7

214	The Emergence of Pediatric Sleep Medicine. <b>2015</b> , 473-485		1
213	Sleep and Development: Familial and Socio-cultural Considerations. <b>2017</b> , 25-49		2
212	Studying Sleep in Family Contexts Via Actigraphy and Wearable Devices. <b>2017</b> , 183-199		1
211	Actigraphy. <b>2005</b> , 1459-1467		9
210	Application of deep learning to improve sleep scoring of wrist actigraphy. <b>2020</b> , 74, 235-241		7
209	[Sleep disorders and child and adolescent psychiatric illnesses]. <b>2002</b> , 30, 185-98		1
208	[Mini-KiSS--a multimodal group therapy intervention for parents of young children with sleep disorders: a pilot study]. <b>2011</b> , 39, 197-206		18
207	Sleep and cognitive functioning in childhood: Ethnicity, socioeconomic status, and sex as moderators. <b>2017</b> , 53, 1276-1285		28
206	Household chaos and family sleep during infants' first year. <b>2018</b> , 32, 622-631		19
205	Maternal stress, sleep, and parenting. <b>2019</b> , 33, 349-359		35
204	Open trial of the Parent Behavior Change Intervention (PBC-I): Study protocol. <b>2020</b> , 39, 785-795		2
203	The Family Context of Toddler Sleep: Routines, Sleep Environment, and Emotional Security Induction in the Hour before Bedtime. <b>2021</b> , 19, 795-813		9
202	A Comparison of Self- and Proxy-Reported Subjective Sleep Durations With Objective Actigraphy Measurements in a Survey of Wisconsin Children 6-17 Years of Age. <b>2021</b> , 190, 755-765		5
201	Transcriptional Signatures of Sleep Duration Discordance in Monozygotic Twins. <i>Sleep</i> , <b>2017</b> , 40,	1.1	12
200	Feasibility and Emotional Impact of Experimentally Extending Sleep in Short-Sleeping Adolescents. <i>Sleep</i> , <b>2017</b> , 40,	1.1	12
199	The laboratory assessment of daytime sleepiness in childhood. <b>1996</b> , 13, 208-18		30
198	Detecting sleep in free-living conditions without sleep-diaries: a device-agnostic, wearable heart rate sensing approach.		1
197	pyActigraphy: open-source python package for actigraphy data visualisation and analysis.		2

196	Longitudinal Change in Adolescent Bedtimes Measured by Self-Report and Actigraphy. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2019</b> , 2, 282-287	2.3	2
195	Training Schedule and Sleep in Adolescent Swimmers. <b>2020</b> , 32, 16-22		5
194	Objectively Measured Physical Activity in South African Children Attending Preschool and Grade R: Volume, Patterns, and Meeting Guidelines. <b>2020</b> , 32, 150-156		3
193	Circadian rhythm phase shifts caused by timed exercise vary with chronotype. <b>2020</b> , 5,		30
192	Transitions in effective scaling behavior of accelerometric time series across sleep and wake. <b>2013</b> , 103, 68002		11
191	Physical activity in German adolescents measured by accelerometry and activity diary: introducing a comprehensive approach for data management and preliminary results. <i>PLoS ONE</i> , <b>2013</b> , 8, e65192	3.7	21
190	Low physical activity level and short sleep duration are associated with an increased cardio-metabolic risk profile: a longitudinal study in 8-11 year old Danish children. <i>PLoS ONE</i> , <b>2014</b> , 9, e104677	3.7	87
189	A longitudinal assessment of sleep timing, circadian phase, and phase angle of entrainment across human adolescence. <i>PLoS ONE</i> , <b>2014</b> , 9, e112199	3.7	147
188	Sweet/dessert foods are more appealing to adolescents after sleep restriction. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135434	3.7	61
187	Sleep-Driven Computations in Speech Processing. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169538	3.7	8
186	Advancing the sleep/wake schedule impacts the sleep of African-Americans more than European-Americans. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186887	3.7	10
185	Sleep patterns and cardiometabolic risk in schoolchildren from Cuenca, Spain. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191637	3.7	7
184	Associations between daily ambient temperature and sedentary time among children 4-6 years old in Mexico City. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241446	3.7	2
183	The Effects of Stress, Rumination, Dysfunctional Beliefs and Boundary on University Students' Sleep Quality. <b>2013</b> , 18, 121-142		1
182	[Physical activity and sleep in Icelandic adolescents]. <b>2018</b> , 104, 79-85		2
181	An Internet-Based Childhood Obesity Prevention Program (Time2bHealthy) for Parents of Preschool-Aged Children: Randomized Controlled Trial. <b>2019</b> , 21, e11964		40
180	Objective Characterization of Activity, Sleep, and Circadian Rhythm Patterns Using a Wrist-Worn Actigraphy Sensor: Insights Into Posttraumatic Stress Disorder. <b>2020</b> , 8, e14306		15
179	Developing Empirical Decision Points to Improve the Timing of Adaptive Digital Health Physical Activity Interventions in Youth: Survival Analysis. <b>2020</b> , 8, e17450		1

178	Wearable Device Heart Rate and Activity Data in an Unsupervised Approach to Personalized Sleep Monitoring: Algorithm Validation. <b>2020</b> , 8, e18370	4	
177	EFFECTS OF ACUTE SLEEP RESTRICTION ON BEHAVIOR, SUSTAINED ATTENTION, AND RESPONSE INHIBITION IN CHILDREN. <b>2001</b> , 93, 213	18	
176	PERFORMANCE ON A DUAL DRIVING SIMULATION AND SUBTRACTION TASK FOLLOWING SLEEP RESTRICTION. <b>2004</b> , 99, 739	2	
175	After lunch naps reduce the afternoon motor activity of 4-5-year old enrolled in full-time childcare. <b>2014</b> , 22, 256-264	1	
174	The effect of individualized activities on the sleep of nursing home residents who are cognitively impaired: a pilot study. <b>2001</b> , 27, 30-7	24	
173	Therapeutic effect of melatonin on pediatric functional dyspepsia: A pilot study. <b>2016</b> , 7, 156-61	18	
172	Correspondence between reported and actigraphic sleep measures in preschool children: the role of a clinical context. <b>2013</b> , 9, 1147-51	34	
171	Sleep patterns, sleep instability, and health related quality of life in parents of ventilator-assisted children. <b>2015</b> , 11, 251-8	22	
170	Validity of actigraphy for nighttime sleep monitoring in hospitalized patients with traumatic injuries. <b>2020</b> , 16, 185-192	4	
169	A Systematic Review on Sleep Duration and Dyslipidemia in Adolescents: Understanding Inconsistencies. <b>2015</b> , 105, 418-25	11	
168	Sleep and daytime sleepiness of patients with left ventricular assist devices: a longitudinal pilot study. <b>2011</b> , 21, 131-6	8	
167	Ambulatory sleep scoring using accelerometers-distinguishing between nonwear and sleep/wake states. <b>2020</b> , 8, e8284	9	
166	Verification of Sleep/Wake Detection Algorithms for Kindergarten Support System Based on Activity Recognition. <b>2015</b> , 8, 139-143	1	
165	Regularity and Timing of Sleep Patterns and Behavioral Health Among Adolescents. <b>2021</b> ,		
164	A longitudinal study of the links between maternal and infant nocturnal wakefulness. <i>Sleep Health</i> , <b>2021</b> , 8, 649	4	1
163	pyActigraphy: Open-source python package for actigraphy data visualization and analysis. <b>2021</b> , 17, e1009514	1	
162	Using a Homeogram to Detect Sleep in Free-living Animals.	0	
161	BioPsyKit: A Python package for the analysis of biopsychological data. <b>2021</b> , 6, 3702	1	

160 Accelerometer measurement differences between the preferred and non-preferred wrist. **2021**, 11, 1259

159 Sleep Quality and Eating Disorder-Related Psychopathologies in Patients with Night Eating Syndrome and Binge Eating Disorders. **2021**, 10, 0

158 Actigraphic sleep and cortisol in middle childhood: A multivariate behavioral genetics model. **2021**, 8, 100094

157 Inadequate Sleep in Children and Adolescents. **2004**, 151-175

156 Actimetry Measurement of Behavioral Regulation and Sleep Cycles in Infant Rhesus Macaques (*Macaca mulatta*). **2006**, 461-484

155 Novel Data Fusion Approach for Drowsiness Detection. **2007**, 7, 48-55 1

154 Diagnostic Tools for Hypersomnias. **2008**, 265-276

153 Actigraphy, does it add value?. **2009**, 4, 6-11

152 ??????????????????????????????. **2011**, 35, 21-27

151 Can you know if someone is too tired to drive safely?. **2013**, 347-353

150 Visual exploration of dirty activity sensor and emotional state data from psychological experiments. **2014**, 1

149 Physical Activity. **1998**, 523-556

148 A Time to Wake, a Time to Sleep. **2015**, 197-217

147 Sleep and Aging Skin. **2015**, 1-13

146 Advances in Clinical Actigraphy. **2015**, 2,

145 Sleep/Wake Dynamic Classifier based on Wearable Accelerometer Device Measurement. **2015**, 52, 126-134

144 Sociodemographic, Psychosocial, and Contextual Factors in Children's Sleep. **2017**, 153-173 0

143 PennZzz - an algorithm for estimating behavioral states from wrist-worn accelerometry. 1

142	Measuring the relationship between sleep, physical activity and cognition.		
141	Intra-individual variability of sleep and nocturnal cardiac autonomic activity in elite female soccer players during an international tournament.		0
140	Developing Empirical Decision Points to Improve the Timing of Adaptive Digital Health Physical Activity Interventions in Youth: Survival Analysis (Preprint).		
139	Automated Feature Extraction from Population Wearable Device Data Identified Novel Loci Associated with Sleep and Circadian Rhythms.		
138	iSleep. <b>2020</b> , 16, 1-32		5
137	On the Possibility of Mathematical Unification for the Currently Applied Analysis of Actigraphic Recordings. <b>2022</b> , 1-7		
136	Mixture of hidden Markov models for accelerometer data. <b>2020</b> , 14,		0
135	Deep Neural Network Sleep Scoring Using Combined Motion and Heart Rate Variability Data. <i>Sensors</i> , <b>2020</b> , 21,	3.8	6
134	The Effect of Game-Related Contextual Factors on Sleep in Basketball Players. <b>2020</b> , Publish Ahead of Print,		1
133	Less physical activity and more varied and disrupted sleep is associated with a less favorable metabolic profile in adolescents.		
132	Physical activity and sleep in patients with hypermobile Ehlers-Danlos syndrome and patients with generalized hypermobility spectrum disorder. <b>2020</b> , 6, 1		
131	Cannabis use is associated with greater total sleep time in middle-aged and older adults with and without HIV: A preliminary report utilizing digital health technologies. <b>2020</b> , 3, 180-189		4
130	Impact of a Behavioral Sleep Intervention in Adolescents With ADHD: Feasibility, Acceptability, and Preliminary Effectiveness From a Pilot Open Trial. <b>2021</b> , 10870547211056965		1
129	Neural mechanisms that promote food consumption following sleep loss and social stress: An fMRI study in adolescent girls with overweight/obesity. <i>Sleep</i> , <b>2021</b> ,	1.1	1
128	Longitudinal associations between facets of sleep and adiposity in youth. <b>2021</b> , 29, 1760-1769		0
127	Electronic Activity Recording in Cardiovascular Disease. <b>2007</b> , 59-72		
126	Quantitative analysis of rest-activity patterns in elderly postoperative patients with delirium: support for a theory of pathologic wakefulness. <b>2008</b> , 4, 137-42		6
125	Investigating the application of motion accelerometers as a sleep monitoring technique and the clinical burden of the intensive care environment on sleep quality: study protocol for a prospective observational study in Australia. <b>2018</b> , 8, e019704		1

124	The Effects of Extended-Release Stimulant Medication on Sleep in Children with ADHD. <b>2020</b> , 29, 33-43		3
123	Concordance between subjective and objective measures of infant sleep varies by age and maternal mood: Implications for studies of sleep and cognitive development. <b>2021</b> , 66, 101663		1
122	An IoT-Based Intelligent Sleep Quality Monitoring System. <b>2021</b> ,		
121	Adolescents' sleep and adjustment: Reciprocal effects. <i>Child Development</i> , <b>2021</b> ,	4.9	1
120	Examining 24-Hour Activity and Sleep Behaviors and Related Determinants in Latino Adolescents and Young Adults With Obesity. <b>2021</b> , 10901981211054789		0
119	The Validity, Reliability, and Feasibility of Measurement Tools Used to Assess Sleep of Pre-school Aged Children: A Systematic Rapid Review.. <b>2021</b> , 9, 770262		1
118	Actigraphy-Derived Sleep Profiles of Children with and without Attention-Deficit/Hyperactivity Disorder (ADHD) over Two Weeks-Comparison, Precursor Symptoms, and the Chronotype.. <b>2021</b> , 11,		0
117	A multi-method examination of sluggish cognitive tempo in relation to adolescent sleep, daytime sleepiness, and circadian preference.. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2022</b> ,	7.9	3
116	Ubi-Fatigue: Towards Ubiquitous Fatigue Detection via contactless sensing. <b>2022</b> , 1-1		
115	Effects of exercise on sleep, melatonin level, and behavioral functioning in children with autism.. <b>2022</b> , 13623613211062952		0
114	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
113	ABBaH teens: Activity Breaks for Brain Health in adolescents: study protocol for a randomized crossover trial.. <b>2022</b> , 23, 22		1
112	Sleep and Negative Affect Across Toddlerhood in the Context of Stress. 1		
111	Physical Activity and Executive Function in Children With ADHD: The Mediating Role of Sleep.. <b>2021</b> , 9, 775589		0
110	Deriving Normative Data on 24-Hour Ambulatory Blood Pressure Monitoring for South Asian Children (ASHA): A Clinical Research Protocol.. <b>2022</b> , 9, 20543581211072329		1
109	Comparing contributors of parental sleep health in families with and without a child with Duchenne muscular dystrophy.. <i>Sleep Health</i> , <b>2021</b> , 669	4	1
108	Validation of actigraphy for sleep measurement in children with cerebral palsy.. <b>2022</b> , 90, 65-73		0
107	Characterizing Sleep-Wake Patterns in Mothers and Children in an Agrarian Community: Results from the Ghana Randomized Air Pollution and Health Study (GRAPHS).. <i>Sleep</i> , <b>2022</b> ,	1.1	

106	Cranial Electrotherapy Stimulation to Improve the Physiology and Psychology Response, Response-Ability, and Sleep Efficiency in Athletes with Poor Sleep Quality.. <b>2022</b> , 19,		
105	Waking up to sleep's role in obesity and blood pressure among Black adolescent girls in low-income, US urban communities: A longitudinal analysis.. <i>Sleep Health</i> , <b>2022</b> ,	4	0
104	Early Life Socioeconomic Differences in Associations between Childhood Sleep and Academic Performance.. <b>2022</b> , 79, 101392-101392		0
103	Low sleep quality and morningness-eveningness scale score may impair ball placement but not kicking velocity in youth academy soccer players. 1-11		2
102	Losing sleep by staying up late leads adolescents to consume more carbohydrates and a higher glycemic load.. <i>Sleep</i> , <b>2021</b> ,	1.1	2
101	Significant Energy Deficit and Suboptimal Sleep During a Junior Academy Tennis Training Camp.. <b>2022</b> , 1-6		
100	A systematic review of proxy-report questionnaires assessing physical activity, sedentary behavior and/or sleep in young children (aged 0-5 years).. <b>2022</b> , 19, 18		0
99	Sleep and mental health in childhood: a multi-method study in the general pediatric population.. <b>2022</b> , 16, 11		1
98	Randomized Behavioral Sleep Clinical Trial to Improve Outcomes in Children With Down Syndrome.. <b>2022</b> , 127, 149-164		1
97	Revisiting the cross-sectional and prospective association of physical activity with body composition and physical fitness in preschoolers: A compositional data approach.. <b>2022</b> , e12909		1
96	Examining the trajectory and predictors of post-concussion sleep quality in children and adolescents.. <b>2022</b> , 1-9		
95	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.. <b>2022</b> , 11, e37002		
94	Discrimination of sleep and wake periods from a hip-worn raw acceleration sensor using recurrent neural networks.		
93	The Effects of Parental Intervention on Sleep Patterns and Electronic Media Exposure in Young Adolescents.. <b>2022</b> , 4, 129-144		
92	The effects of napping on night-time sleep in healthy young adults.. <i>Journal of Sleep Research</i> , <b>2022</b> , e13578	5.8	0
91	Exploring Families' Acceptance of Wearable Activity Trackers: A Mixed-Methods Study.. <b>2022</b> , 19,		1
90	Estimating Circadian Phase in Elementary School Children: Leveraging Advances in Physiologically-Informed Models of Circadian Entrainment and Wearable Devices.. <i>Sleep</i> , <b>2022</b> ,	1.1	1
89	Associations of Sleep-Related Outcomes with Behavioral and Emotional Functioning in Children with Overweight/Obesity.. <b>2022</b> ,		0



88	Comparing Sleep in Shared and Individual Rooms during a Training Camp in Elite Youth Soccer Player's: A Short Report.. <b>2022,</b>		
87	A higher energy-adjusted Dietary Inflammatory Index is positively associated with total and visceral body fat in young male adults.. <b>2022,</b>		0
86	The onset of pubertal development and actigraphy-assessed sleep during middle childhood: Racial, gender, and genetic effects.. <i>Sleep Health</i> , <b>2022,</b>	4	
85	Technical, Regulatory, Economic, and Trust Issues Preventing Successful Integration of Sensors into the Mainstream Consumer Wearables Market.. <i>Sensors</i> , <b>2022,</b> 22,	3.8	2
84	Longitudinal associations between adolescents' sleep and adjustment: Respiratory sinus arrhythmia as a moderator.. <b>2021,</b> 63 Suppl 1, e22220		0
83	Parental-perceived home and neighborhood environmental correlates of accelerometer-measured physical activity among school-going children in Uganda. <b>2021,</b> 1, e0000089		
82	Socioeconomic status and infant nighttime sleep across the second year of life: The moderating role of infant attachment security.. <i>Child Development</i> , <b>2021,</b>	4.9	1
81	MSLife. <b>2021,</b> 5, 1-35		1
80	High-intensity interval training in high-school physical education classes: Study protocol for a randomized controlled trial. <b>2021,</b> 24, 100867		0
79	Estimation of Circadian Rhythms through EEG Signals by Temporal-Scale-Specific Fractal Dimensions. <b>2022,</b>		
78	Earlier bedtimes and more sleep displace sedentary behavior but not moderate-to-vigorous physical activity in adolescents.. <i>Sleep Health</i> , <b>2022,</b>	4	
77	Sleep, sedentary behavior, and physical activity in Brazilian adolescents: Achievement recommendations and BMI associations through compositional data analysis.. <i>PLoS ONE</i> , <b>2022,</b> 17, e0266926	3.7	0
76	Objective and subjective sleep and caregiving feelings in mothers of infants: A longitudinal daily diary study.. <i>Sleep</i> , <b>2022,</b>	1.1	
75	Sleep Disturbances and Delayed Sleep Timing are Associated with Greater Post-Traumatic Stress Symptoms in Youth Following Hurricane Harvey.. <i>Child Psychiatry and Human Development</i> , <b>2022,</b> 1	3.3	
74	DataSheet1.pdf. <b>2018,</b>		
73	Video1.MPEG. <b>2018,</b>		
72	DataSheet_1.pdf. <b>2019,</b>		
71	DataSheet_1.docx. <b>2020,</b>		

70 DataSheet\_2.docx. 2020,

69	Actimetry in sleep medicine. <i>Sleep and Breathing</i> , <b>1997</b> , 2, 33-9	3.1	2
68	Investigating the application of motion accelerometers as a sleep monitoring technique and the clinical burden of the intensive care environment on sleep quality: study protocol for a prospective observational study in Australia. <b>2018</b> , 8, e019704		2
67	Can Fitness Trackers Track Sleep?. <i>Journal of Sleep Medicine</i> , <b>2022</b> , 19, 1-5	0.5	
66	The moderating role of sleep duration on momentary relations between negative affect and loss-of-control eating in children and adolescents.. <i>European Eating Disorders Review</i> , <b>2022</b> ,	5.3	0
65	Detecting sleep outside the clinic using wearable heart rate devices.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7956	4.9	1
64	The relationships among sleep problems, anxiety, memory complaints and compulsive checking behaviours. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , <b>2022</b> , 100728	1.7	0
63	ActiGraph Cutpoints Impact Physical Activity and Sedentary Behavior Outcomes in Young Children. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2022</b> , 1-12	2.3	0
62	The relationship between parents' cognitions, bedtime behaviours and sleep-related practices with their child's sleep.. <i>Journal of Sleep Research</i> , <b>2022</b> , e13627	5.8	
61	Bidirectional associations between nightly sleep and daily happiness and negative mood in adolescents. <i>Child Development</i> ,	4.9	0
60	Objective sleep assessments for healthy people in environmental research: A literature review. <i>Indoor Air</i> , <b>2022</b> , 32,	5.4	1
59	Effectiveness of a Parent-Focused Intervention Targeting 24-H Movement Behaviors in Preschool-Aged Children: Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Public Health</i> , <b>2022</b> , 10,	6	
58	Detecting Sleep and Non-wear in 24-Hour Wrist Accelerometer Data from the National Health and Nutrition Examination Survey. <i>Medicine and Science in Sports and Exercise</i> , Publish Ahead of Print,	1.2	1
57	Measuring sleep in the bedroom environment. <b>2022</b> ,		
56	Performance of a Multisensor Smart Ring to Evaluate Sleep: In-Lab and Home-Based Evaluation of Generalized and Personalized Algorithms. <i>Sleep</i> ,	1.1	0
55	Accelerometer-measured physical activity, sedentary behavior, and sleep in children with cerebral palsy and their adherence to the 24-hour activity guidelines. <i>Developmental Medicine and Child Neurology</i> ,	3.3	0
54	The Role of Sleep and Eating Patterns in Adiposity Gain among Preschool-Aged Children. <i>American Journal of Clinical Nutrition</i> ,	7	0
53	More time awake after sleep onset is linked to reduced ventral striatum response to rewards in youth with anxiety. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> ,	7.9	

52	Sleep Duration and Kindergarten Adjustment. <i>Pediatrics</i> ,	7.4	
51	Multi-Scale Evaluation of Sleep Quality Based on Motion Signal from Unobtrusive Device. <i>Sensors</i> , <b>2022</b> , 22, 5295	3.8	1
50	Validity of an algorithm for determining sleep/wake states using FS-760 in school-aged children. <b>2022</b> , 41,		
49	Sleep disruption and delirium in critically ill children: Study protocol feasibility.		
48	Impact of COVID-19 Pandemic on School-Aged Children's Physical Activity, Screen Time, and Sleep in Hong Kong: A Cross-Sectional Repeated Measures Study. <b>2022</b> , 19, 10539		2
47	Not sleeping soundly in early infancy is not bad.		0
46	Device-based and subjective measurements of sleep in children with cerebral palsy: a comparison of sleep diary, actigraphy, and bed sensor data.		0
45	Does Sleep Quality Influence Recovery Outcomes After Postconcussive Injury in Children and Adolescents?. Publish Ahead of Print,		
44	The roles of sleep and executive function in adolescent nighttime eating. <b>2022</b> , 46, 101657		
43	Infant sleep arrangements, infant-parent sleep, and parenting during the first six months post-partum. <b>2022</b> , 69, 101756		
42	Delayed circadian rhythms and insomnia symptoms in obsessive-compulsive disorder. <b>2022</b> , 318, 94-102		0
41	Methods for Routine Sleep Assessment and Monitoring. <b>2022</b> , 211-229		0
40	The joint associations of physical activity, sedentary time, and sleep on VO2max in trained and untrained children and adolescents: A novel five-part compositional analysis.		0
39	Associations between parental involvement at bedtime and young children's evening cortisol and nighttime sleep. <b>2022</b> , 64,		0
38	Effects of exercise on sleep in children with overweight/obesity: A randomized clinical trial.		0
37	Associations between Sleep Characteristics and Cardiovascular Risk Factors in Adolescents Living with Type 1 Diabetes. <b>2022</b> , 11, 5295		0
36	Cognitive Function Decline in the Third Trimester of Pregnancy Is Associated with Sleep Fragmentation. <b>2022</b> , 11, 5607		0
35	Sleep as a Bio-behavioral Risk Factor for Cardiovascular Disease. <b>2022</b> , 411-440		0

34	Direct and Indirect Sleep Assessment in Children with Autism Spectrum Disorder. <b>2022</b> , 47-58	0
33	Seasonal Variation in Diurnal Rhythms of the Human Eye: Implications for Continuing Ocular Growth in Adolescents and Young Adults. <b>2022</b> , 63, 20	1
32	Sleep variability over a 2-week period is associated with restfulness and intrinsic limbic network connectivity in adolescents.	0
31	Actigraphy-Based Sleep Detection: Validation with Polysomnography and Comparison of Performance for Nighttime and Daytime Sleep During Simulated Shift Work. Volume 14, 1801-1816	0
30	Validation of an automated sleep detection algorithm using data from multiple accelerometer brands.	1
29	The Role of Sleep Patterns from Childhood to Adolescence in Vigilant Attention. <b>2022</b> , 19, 14432	0
28	Impact of ground-level ozone exposure on sleep quality and electroencephalogram patterns at different time scales. <b>2023</b> , 218, 115025	0
27	A study protocol for evaluating the effectiveness of a whole-system intervention (Join Us: Move Play, JUMP) implemented at the neighbourhood level, to increase children's (aged 5-11 years) accelerometer measured physical activity: a quasi-experimental trial (Preprint).	0
26	Preterm toddlers have low nighttime sleep quality and high daytime activity. <b>2022</b> , 12,	0
25	Relationship between family income and trajectories of adjustment in adolescence: Sleep and physical activity as moderators.	0
24	Children's Sleep and Externalizing Problems: A Day-to-day Multilevel Modeling Approach. 1-15	0
23	Association of Food Intake with Sleep Durations in Adolescents from a Capital City in Northeastern Brazil. <b>2022</b> , 14, 5180	0
22	Sleep duration is associated with overnight changes in perceived fatigue in elite women soccer players. 1-8	0
21	The impact of experimentally shortened sleep on timing of eating occasions in adolescents: A brief report.	0
20	Validation of the Entrainment Signal Regularity Index and associations with children's changes in BMI.	0
19	Ethnic/racial discrimination and academic grades among adolescents: moderation by sleep regularity.	0
18	Sleep and 24-hour rhythm characteristics in preschool children born very-preterm and full-term.	1
17	Symptoms, Physical Activity, and Biomarkers in Children at the End of Leukemia Maintenance Therapy. 275275302211484	0

- 16 Socioeconomic disparities, nighttime bedroom temperature, and children's sleep. **2023**, 86, 101530 ○
- 15 Characterizing rest-activity rhythms and sleep for children with and without tactile sensitivities: An observational study. **2023**, 106, 8-16 ○
- 14 Short-term and intermediate-term fine particulate air pollution are synergistically associated with habitual sleep variability in adolescents **A** cross-sectional study. **2023**, 227, 115726 ○
- 13 Multivariate patterns of disrupted sleep longitudinally predict affective vulnerability to psychosis in 22q11.2 Deletion Syndrome. ○
- 12 Fit24, a digital health intervention to reduce type 2 diabetes risk among Hispanic youth: Protocol for a feasibility pilot study. **2023**, 127, 107117 ○
- 11 Non-contact determination of sleep/wake state in residential environments by neural network learning of microwave radar and electroencephalogram/electrooculogram measurements. **2023**, 233, 110095 ○
- 10 Altered neuronal response to visual food stimuli in adolescents undergoing chronic sleep restriction. ○
- 9 Physical Activity, Sleep, and Demographic Patterns in Alaska Native Children and Youth Living in Anaktuvuk Pass. **2023**, 3, 321-334 ○
- 8 The associations of physical activity, sedentary time, and sleep with  $\dot{V}O_2\text{max}$  in trained and untrained children and adolescents: A novel five-part compositional analysis. **2023**, 18, e0275557 ○
- 7 Beyond weight: associations between 24-hour movement behaviors, cardiometabolic and cognitive health in adolescents with and without obesity. **2023**, 6, ○
- 6 A novel method to increase specificity of sleep-wake classifiers based on wrist-worn actigraphy. 1-12 ○
- 5 40 years of actigraphy in sleep medicine and current state of the art algorithms. **2023**, 6, ○
- 4 Relationships between postpartum depression, sleep, and infant feeding in the early postpartum: An exploratory analysis. 14, ○
- 3 Dimensions of sleep quality are related to objectively measured eating behaviors among children at high familial risk for obesity. ○
- 2 Examining daily stimulant medication use and sleep in adolescents with ADHD. ○
- 1 An exploratory study of sleep quality and quantity in children with causal variants in SYNGAP1, an autism risk gene. **2023**, ○