

# Karen Spruyt

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

6,416  
citations

168829

31  
h-index

75989

78  
g-index

110  
all docs

110  
docs citations

110  
times ranked

5466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in sleep patterns and disturbances in children and adolescents in Italy during the Covid-19 outbreak. <i>Sleep Medicine</i> , 2022, 91, 166-174.	0.8	128
2	Literature Cases Summarized Based on Their Polysomnographic Findings in Rett Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3422.	1.2	5
3	Reference intervals for 6-sulfatoxymelatonin in urine: A meta-analysis. <i>Sleep Medicine Reviews</i> , 2022, 63, 101614.	3.8	5
4	Sleep problems in individuals with Rett Syndrome: A systematic review and meta-analysis. <i>Sleep Epidemiology</i> , 2022, 2, 100027.	0.7	4
5	High-frequency semicircular canal deficit affects postural control in hearing-impaired children. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2021, 138, 235-239.	0.4	1
6	Neurocognitive Effects of Sleep Disruption in Children and Adolescents. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2021, 30, 27-45.	1.0	18
7	Sleep problems in Rett syndrome animal models: A systematic review. <i>Journal of Neuroscience Research</i> , 2021, 99, 529-544.	1.3	12
8	Restless sleep in children: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 56, 101406.	3.8	38
9	Editorial: Advances in Childhood Sleep Assessment: Tools for Specific Populations. <i>Frontiers in Psychiatry</i> , 2021, 12, 647356.	1.3	1
10	Fidgety Philip and the Suggested Clinical Immobilization Test: Annotation data for developing a machine learning algorithm. <i>Data in Brief</i> , 2021, 35, 106770.	0.5	2
11	Reliability and validity of the Chinese version of Narcolepsy Severity Scale in adult patients with narcolepsy type 1. <i>Sleep Medicine</i> , 2021, 81, 86-92.	0.8	2
12	Restless Legs Syndrome Shows Increased Silent Postmortem Cerebral Microvascular Disease With Gliosis. <i>Journal of the American Heart Association</i> , 2021, 10, e019627.	1.6	7
13	Morphological and Age-Related Changes in the Narcolepsy Brain. <i>Cerebral Cortex</i> , 2021, 31, 5460-5469.	1.6	2
14	Altered Sleep-Related Consolidation and Neurocognitive Comorbidity in CECS. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 563807.	1.0	2
15	Combined effects of weight change trajectories and eating behaviors on childhood adiposity status: A birth cohort study. <i>Appetite</i> , 2021, 162, 105174.	1.8	5
16	A Polysomnographic and Cluster Analysis of Periodic Limb Movements in Sleep of Restless Legs Syndrome Patients with Psychiatric Conditions. <i>Psychiatry International</i> , 2021, 2, 250-264.	0.5	0
17	The month of birth has a seasonal effect in Chinese patients with narcolepsy and cataplexy. <i>Journal of Clinical Sleep Medicine</i> , 2021, . .	1.4	2
18	A systematic review and meta-analysis of the cyclic alternating pattern across the lifespan. <i>Sleep Medicine</i> , 2021, 85, 25-37.	0.8	4

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19	Daily concordance between ecological stressors and sleep in young minority children during the pre-COVID-19 outbreak period. <i>Sleep Epidemiology</i> , 2021, 1, 100007.	0.7	0
20	Déclaration de consensus sur l'évaluation et la rééducation myofonctionnelles orofaciales chez les patients souffrants de SAOS : proposition d'un processus international par la méthode Delphi. <i>Revue D'orthopedie Dento-faciale</i> , 2021, 55, 513-521.	0.0	2
21	Social media for students' sleep health promotion – a health intervention report during COVID -19. <i>Sleep Epidemiology</i> , 2021, 1, 100018.	0.7	3
22	How sacculo-collic function assessed by cervical vestibular evoked myogenic Potentials correlates with the quality of postural control in hearing impaired children?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 130, 109840.	0.4	13
23	Is Fidgety Philip's ground truth also ours? The creation and application of a machine learning algorithm. <i>Journal of Psychiatric Research</i> , 2020, 131, 144-151.	1.5	4
24	Narcolepsy Presentation in Diverse Populations: an Update. <i>Current Sleep Medicine Reports</i> , 2020, 6, 239-250.	0.7	3
25	Psychometric Properties and Predictive Value of a Screening Questionnaire for Obstructive Sleep Apnea in Young Children With Down Syndrome. <i>Frontiers in Psychiatry</i> , 2020, 11, 285.	1.3	7
26	Pediatric Sleep Tools: An Updated Literature Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 317.	1.3	43
27	Resting-state brain network topological properties and the correlation with neuropsychological assessment in adolescent narcolepsy. <i>Sleep</i> , 2020, 43, .	0.6	15
28	Cross-cultural disparities of subjective sleep parameters and their age-related trends over the first three years of human life: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2019, 48, 101203.	3.8	11
29	Visual and automatic classification of the cyclic alternating pattern in electroencephalography during sleep. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8059.	0.7	11
30	Mind-wandering, or the allocation of attentional resources, is sleep-driven across childhood. <i>Scientific Reports</i> , 2019, 9, 1269.	1.6	4
31	Impact of Sleep in Children. , 2019, , 3-16.		2
32	A review of developmental consequences of poor sleep in childhood. <i>Sleep Medicine</i> , 2019, 60, 3-12.	0.8	70
33	Multi-modality of polysomnography signals' fusion for automatic sleep scoring. <i>Biomedical Signal Processing and Control</i> , 2019, 49, 14-23.	3.5	28
34	Association of Sleep and Circadian Activity Rhythm with Emotional Face Processing among 12-month-old Infants. <i>Scientific Reports</i> , 2018, 8, 3200.	1.6	10
35	Challenging sleep-wake behaviors reported in informal, conversational interviews of caregivers of children with fetal alcohol spectrum disorder. <i>International Journal of Developmental Disabilities</i> , 2018, 64, 65-74.	1.3	7
36	Sleep in Angelman syndrome: A review of evidence. <i>Sleep Medicine Reviews</i> , 2018, 37, 69-84.	3.8	36

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37	A Community-Based Study of Sleep and Cognitive Development in Infants and Toddlers. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 977-984.	1.4	29
38	Changes of spatial and temporal characteristics of dynamic postural control in children with typical neurodevelopment with age: Results of a multicenter pediatric study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 113, 272-280.	0.4	19
39	Reduction in Parasympathetic Tone During Sleep in Children With Habitual Snoring. <i>Frontiers in Neuroscience</i> , 2018, 12, 997.	1.4	11
40	Associations between changes in sleep and body composition in African American children. <i>Sleep Medicine and Disorders: International Journal</i> , 2018, 2, .	0.8	1
41	Precision medicine in circadian rhythm sleep-wake disorders: current state and future perspectives. <i>Personalized Medicine</i> , 2017, 14, 171-182.	0.8	16
42	Can dim light melatonin onset be predicted by the timing of sleep in patients with possible circadian sleep-wake rhythm disorders?. <i>Biological Rhythm Research</i> , 2017, 48, 557-566.	0.4	3
43	The French Sleep Disturbance Scale for Children. <i>Sleep Medicine</i> , 2017, 32, 56-65.	0.8	25
44	1005 USE OF TECHNOLOGY MAY OFFSET DEVELOPMENTAL SLEEP TENDENCIES IN CHILDHOOD. <i>Sleep</i> , 2017, 40, A373-A374.	0.6	0
45	6.99 SLEEP COMPLAINT AS A MARK OF THE SEVERITY OF THE ILLNESS AND MORE GLOBAL FUNCTION IMPAIRMENT IN DEPRESSED YOUTH. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, S236.	0.3	0
46	The Blind Men and the Elephant: The Risk of Misdiagnosis in Children with Developmental Disabilities. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 873-874.	1.9	0
47	Sleep Complaints and the 24h Melatonin Level in Individuals with Smith-Magenis Syndrome: Assessment for Effective Intervention. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 928-935.	1.9	28
48	Bed-sharing and related factors in early adolescents. <i>Sleep Medicine</i> , 2016, 17, 75-80.	0.8	17
49	Daily dynamics in sleep and behavior of young African-American children: A convoluted dyad?!. <i>International Journal of Psychophysiology</i> , 2016, 99, 57-66.	0.5	10
50	To Sleep or Not to Sleep: A Repeated Daily Challenge for African American Children. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 23-31.	1.9	14
51	Associations between parent-reported sleep duration and adiposity in Chinese early adolescents. <i>Journal of Public Health</i> , 2015, 37, 277-285.	1.0	13
52	Sleep Disordered Breathing and Academic Performance: A Meta-analysis. <i>Pediatrics</i> , 2015, 136, e934-e946.	1.0	108
53	Non-pharmacological management of problematic sleeping in children with developmental disabilities. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 120-136.	1.1	34
54	Sleep behavior of underrepresented youth. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2014, 22, 111-120.	0.8	6

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55	Our 21st century health identity: Where is sleep?. Zeitschrift Fur Gesundheitswissenschaften, 2014, 22, 87-88.	0.8	1
56	The Relation Among Sleep Duration, Homework Burden, and Sleep Hygiene in Chinese School-Aged Children. Behavioral Sleep Medicine, 2014, 12, 398-411.	1.1	30
57	Somatic growth of lean children: the potential role of sleep. World Journal of Pediatrics, 2014, 10, 245-250.	0.8	16
58	Diagnosis and Management of Childhood Obstructive Sleep Apnea Syndrome. , 2014, , 1016-1016.		0
59	Sleep Surveys and Screening. , 2013, , .		0
60	Diagnosis and Management of Childhood Obstructive Sleep Apnea Syndrome (Technical Report). , 2013, , 895-895.		2
61	Visuomotor Performance in <i>KCNJ11</i> -Related Neonatal Diabetes Is Impaired in Children With DEND-Associated Mutations and May Be Improved by Early Treatment With Sulfonylureas. Diabetes Care, 2012, 35, 2086-2088.	4.3	79
62	Diagnosis and Management of Childhood Obstructive Sleep Apnea Syndrome. Pediatrics, 2012, 130, 576-584.	1.0	1,484
63	A Mediation Model Linking Body Weight, Cognition, and Sleep-Disordered Breathing. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 199-205.	2.5	58
64	Screening of Pediatric Sleep-Disordered Breathing. Chest, 2012, 142, 1508-1515.	0.4	94
65	Sleep hygiene and problem behaviors in snoring and non-snoring school-age children. Sleep Medicine, 2012, 13, 802-809.	0.8	10
66	The Underlying Interactome of Childhood Obesity: The Potential Role of Sleep. Childhood Obesity, 2012, 8, 38-42.	0.8	21
67	Diagnosis and Management of Childhood Obstructive Sleep Apnea Syndrome. Pediatrics, 2012, 130, e714-e755.	1.0	1,155
68	REM and NREM sleep-state distribution of respiratory events in habitually snoring school-aged community children. Sleep Medicine, 2012, 13, 178-184.	0.8	37
69	Neurocognitive Function and Learning in Children with Sleep-Disordered Breathing. , 2012, , 441-460.		1
70	Text Mining for Patterns in Children's Sleep Disorders Using STATISTICA Text Miner. , 2012, , 357-374.		0
71	Variable sleep schedules and outcomes in children with psychopathological problems: preliminary observations. Nature and Science of Sleep, 2012, 4, 9.	1.4	12
72	Pediatric Sleep-Disordered Breathing: Criteria and Spectrum of Disease. , 2012, , 245-260.		2

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73	Sleep Duration, Sleep Regularity, Body Weight, and Metabolic Homeostasis in School-aged Children. <i>Pediatrics</i> , 2011, 127, e345-e352.	1.0	254
74	Development of pediatric sleep questionnaires as diagnostic or epidemiological tools: A brief review of Dos and Donâ€™ts. <i>Sleep Medicine Reviews</i> , 2011, 15, 7-17.	3.8	77
75	Pediatric sleep questionnaires as diagnostic or epidemiological tools: A review of currently available instruments. <i>Sleep Medicine Reviews</i> , 2011, 15, 19-32.	3.8	321
76	Fatty-acid binding protein 4 gene polymorphisms and plasma levels in children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2011, 12, 666-671.	0.8	50
77	Sleep estimates in children: parental versus actigraphic assessments. <i>Nature and Science of Sleep</i> , 2011, 3, 115.	1.4	101
78	Sleep assessments in healthy school-aged children using actigraphy: concordance with polysomnography. <i>Journal of Sleep Research</i> , 2011, 20, 223-232.	1.7	67
79	Seasonal variability of sleepâ€disordered breathing in children. <i>Pediatric Pulmonology</i> , 2011, 46, 581-586.	1.0	31
80	Circulating Microparticles in Children With Sleep Disordered Breathing. <i>Chest</i> , 2011, 140, 408-417.	0.4	47
81	Sleep disturbances in children with attention-deficit/hyperactivity disorder. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 565-577.	1.4	88
82	Restless Legs Syndrome is Frequent in Narcolepsy with Cataplexy Patients. <i>Sleep</i> , 2010, 33, 689-694.	0.6	62
83	Dietary and Physical Activity Patterns in Children with Obstructive Sleep Apnea. <i>Journal of Pediatrics</i> , 2010, 156, 724-730.e3.	0.9	59
84	Unbiased Categorical Classification of Pediatric Sleep Disordered Breathing. <i>Sleep</i> , 2010, 33, 1341-1347.	0.6	16
85	Adenotonsillectomy Outcomes in Treatment of Obstructive Sleep Apnea in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 676-683.	2.5	640
86	Obstructive sleep apnoea is associated with impaired pictorial memory task acquisition and retention in children. <i>European Respiratory Journal</i> , 2010, 36, 164-169.	3.1	58
87	Neurocognitive and Endothelial Dysfunction in Children With Obstructive Sleep Apnea. <i>Pediatrics</i> , 2010, 126, e1161-e1167.	1.0	108
88	Sleep in children: the evolving challenge of catching enough and quality Zzzâ€™s. , 2010, , 215-238.		7
89	Inefficient or Insufficient Encoding as Potential Primary Deficit in Neurodevelopmental Performance Among Children With OSA. <i>Developmental Neuropsychology</i> , 2009, 34, 601-614.	1.0	22
90	Sleep-Disordered Breathing and Verbal Skills in School-Aged Community Children. <i>Developmental Neuropsychology</i> , 2009, 34, 588-600.	1.0	31

#	ARTICLE	IF	CITATIONS
91	Relationship between sleep/wake patterns, temperament and overall development in term infants over the first year of life. <i>Early Human Development</i> , 2008, 84, 289-296.	0.8	92
92	Mr. Pickwick and his child went on a field trip and returned almost empty handedâ€¦What we do not know and imperatively need to learn about obesity and breathing during sleep in children!. <i>Sleep Medicine Reviews</i> , 2008, 12, 335-338.	3.8	7
93	Heart rate and spectral EEG changes accompanying periodic and non-periodic leg movements during sleep. <i>Clinical Neurophysiology</i> , 2007, 118, 438-448.	0.7	132
94	Multidimensional scaling of pediatric sleep breathing problems and bio-behavioral correlates. <i>Sleep Medicine</i> , 2006, 7, 269-280.	0.8	30
95	The Time Structure of the Cyclic Alternating Pattern During Sleep. <i>Sleep</i> , 2006, 29, 693-699.	0.6	33
96	Odds, prevalence and predictors of sleep problems in school-age normal children. <i>Journal of Sleep Research</i> , 2005, 14, 163-176.	1.7	149
97	Inter-rater reliability of sleep cyclic alternating pattern (CAP) scoring and validation of a new computer-assisted CAP scoring method. <i>Clinical Neurophysiology</i> , 2005, 116, 696-707.	0.7	61
98	Pediatric Sleep Disorders: Exploratory Modulation of Their Relationships. <i>Sleep</i> , 2004, 27, 495-501.	0.6	27