

Mark J Kohler

List of Publications by Year in Descending Order

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

75
papers

1,261
citations

20
h-index

32
g-index

83
ext. papers

1,525
ext. citations

3.2
avg, IF

4.62
L-index

#	Paper	IF	Citations
75	Memory for emotional images across sleep versus wake in school-aged children. <i>Journal of Experimental Child Psychology</i> , 2022 , 214, 105308	2.3	
74	EEG and behavioral correlates of attentional processing while walking and navigating naturalistic environments. <i>Scientific Reports</i> , 2021 , 11, 22325	4.9	4
73	Mental Health of Young Australians during the COVID-19 Pandemic: Exploring the Roles of Employment Precarity, Screen Time, and Contact with Nature. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
72	Quality-of-life but not behavior improves 48-months post-adenotonsillectomy in children with SDB. <i>Sleep Medicine</i> , 2021 , 81, 418-429	4.6	1
71	Consolidation and generalisation across sleep depend on individual EEG factors and sleep spindle density. <i>Neurobiology of Learning and Memory</i> , 2021 , 179, 107384	3.1	1
70	The Inconsistent Nature of Heart Rate Variability During Sleep in Normal Children and Adolescents. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 19	5.4	8
69	A Systematic Review of Cognitive Functioning After Traumatic Brain Injury in Individuals Aged 10-30 Years. <i>Cognitive and Behavioral Neurology</i> , 2020 , 33, 233-252	1.6	3
68	Examining Computer-Supported 3D Event Recreation for Enhancing Cognitive Load, Memorability, and Engagement. <i>Multimodal Technologies and Interaction</i> , 2020 , 4, 37	1.7	0
67	Individual alpha frequency modulates sleep-related emotional memory consolidation. <i>Neuropsychologia</i> , 2020 , 148, 107660	3.2	5
66	A Method for Estimating Pulse Wave Amplitude Variability in children with Sleep Disordered Breathing. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 2289-2292	0.9	2
65	Reply to letter to the editor on: "is there a relationship between excessive sugar consumption and sleep quality in children?". <i>International Journal of Food Sciences and Nutrition</i> , 2018 , 69, 902-903	3.7	
64	Associations between self-reported sleep measures and dietary behaviours in a large sample of Australian school students (n=128,010). <i>Journal of Sleep Research</i> , 2018 , 27, e12682	5.8	12
63	Medication induced sleepwalking: A systematic review. <i>Sleep Medicine Reviews</i> , 2018 , 37, 105-113	10.2	57
62	Total dietary sugar consumption does not influence sleep or behaviour in Australian children. <i>International Journal of Food Sciences and Nutrition</i> , 2018 , 69, 503-512	3.7	4
61	What Box: A task for assessing language lateralization in young children. <i>Laterality</i> , 2018 , 23, 391-408	2	6
60	Sleep-Dependent Memory Consolidation and Incremental Sentence Comprehension: Computational Dependencies during Language Learning as Revealed by Neuronal Oscillations. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 18	3.3	14
59	The influence of body mass on long-term cognitive performance of children treated for sleep-disordered breathing. <i>Sleep Medicine</i> , 2018 , 51, 1-6	4.6	6

58	Pulse wave amplitude and heart period variability in children with upper airway obstruction. <i>Sleep Medicine</i> , 2018 , 50, 55-62	4.6	3
57	Narrative and Spatial Memory for Jury Viewings in a Reconstructed Virtual Environment. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018 , 24, 2917-2926	4	5
56	Validation and reproducibility of an Australian caffeine food frequency questionnaire. <i>International Journal of Food Sciences and Nutrition</i> , 2017 , 68, 617-626	3.7	8
55	Meditation is Effective in Reducing Sleepiness and Improving Sustained Attention Following Acute Sleep Restriction. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017 , 1, 210-218	2.4	0
54	The effects of sleep restriction and sleep deprivation in producing false memories. <i>Neurobiology of Learning and Memory</i> , 2017 , 137, 107-113	3.1	14
53	The Relationship Between Caffeine, Sleep, and Behavior in Children. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 533-543	3.1	20
52	Altered Nocturnal Cardiovascular Control in Children With Sleep-Disordered Breathing. <i>Sleep</i> , 2017 , 40,	1.1	7
51	Self-reported sleepwalking in Australian senior secondary school students. <i>Sleep Medicine</i> , 2016 , 25, 1-3	4.6	9
50	Cognition, temperament, and cerebral blood flow velocity in toddlers and preschool children with sleep-disordered breathing or behavioral insomnia of childhood. <i>Sleep Medicine</i> , 2016 , 21, 77-85	4.6	5
49	Prevalence of Sleepwalking: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0164769	3.7	53
48	Caffeine Consumption and Sleep Quality in Australian Adults. <i>Nutrients</i> , 2016 , 8,	6.7	43
47	Sleep inertia during a simulated 6-h on/6-h off fixed split duty schedule. <i>Chronobiology International</i> , 2016 , 33, 685-96	3.6	9
46	The effect of adenotonsillectomy for childhood sleep apnoea on cardiorespiratory control. <i>ERJ Open Research</i> , 2016 , 2,	3.5	10
45	Thermoregulation, scratch, itch and sleep deficits in children with eczema. <i>Sleep Medicine</i> , 2016 , 25, 145-150	4.50	6
44	Variability in lateralised blood flow response to language is associated with language development in children aged 1-5 years. <i>Brain and Language</i> , 2015 , 145-146, 34-41	2.9	9
43	Effect of respiration on heartbeat-evoked potentials during sleep in children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2015 , 16, 665-7	4.6	8
42	Increased thoracoabdominal asynchrony during breathing periods free of discretely scored obstructive events in children with upper airway obstruction. <i>Sleep and Breathing</i> , 2015 , 19, 65-71	3.1	8
41	Cerebrovascular function associated with fluid, not crystallized, abilities in older adults: A transcranial Doppler study. <i>Psychology and Aging</i> , 2015 , 30, 613-23	3.6	9

40	Symbolic dynamics of pulse transit time and heart period in children with upper airway obstruction. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2015, 2015, 1801-4</i>	0.9	1
39	Complex associative memory processing and sleep: a systematic review and meta-analysis of behavioural evidence and underlying EEG mechanisms. <i>Neuroscience and Biobehavioral Reviews, 2014, 47, 646-55</i>	9	21
38	Cerebrovascular function and cognition in childhood: a systematic review of transcranial Doppler studies. <i>BMC Neurology, 2014, 14, 43</i>	3.1	20
37	Investigating letter recognition in the brain by varying typeface: an event-related potential study. <i>Brain and Cognition, 2014, 88, 83-9</i>	2.7	5
36	Respiratory cycle-related electroencephalographic changes during sleep in healthy children and in children with sleep disordered breathing. <i>Sleep, 2014, 37, 1353-61</i>	1.1	13
35	Movement distribution: a new measure of sleep fragmentation in children with upper airway obstruction. <i>Sleep, 2014, 37, 2025-34</i>	1.1	14
34	Facing up to stereotypes: surgeons and physicians are no different in their emotional expressiveness. <i>Laterality, 2014, 19, 585-90</i>	2	4
33	Heartbeat evoked potentials during sleep and daytime behavior in children with sleep-disordered breathing. <i>American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1149-57</i>	10.2	18
32	Sleep, executive functioning and behaviour in children and adolescents with type 1 diabetes. <i>Sleep Medicine, 2014, 15, 1490-9</i>	4.6	33
31	Symbolic dynamics of respiratory cycle related sleep EEG in children with sleep disordered breathing. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2014, 2014, 6016-9</i>	0.9	
30	Emoticons in mind: an event-related potential study. <i>Social Neuroscience, 2014, 9, 196-202</i>	2	63
29	Parent versus teacher report of daytime behavior in snoring children. <i>Sleep and Breathing, 2013, 17, 637-45</i>	3.4	8
28	Respiratory sinus arrhythmia during sleep in children with upper airway obstruction. <i>Journal of Sleep Research, 2013, 22, 463-70</i>	5.8	3
27	Resiliency as a mediator of the impact of sleep on child and adolescent behavior. <i>Nature and Science of Sleep, 2013, 6, 1-9</i>	3.6	15
26	Increased variability in respiratory parameters heralds obstructive events in children with sleep disordered breathing. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2013, 2013, 2024-7</i>	0.9	2
25	Sleep spindle activity and cognitive performance in healthy children. <i>Sleep, 2013, 36, 237-43</i>	1.1	72
24	Sleep and academic performance in Indigenous Australian children from a remote community: an exploratory study. <i>Journal of Paediatrics and Child Health, 2012, 48, 122-7</i>	1.3	22
23	Effect of spontaneous arousals on cardio-respiratory interaction in healthy children. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2012, 2012, 45-8</i>	0.9	2

22	Respiratory timing and variability during sleep in children with sleep-disordered breathing. <i>Journal of Applied Physiology</i> , 2012 , 113, 1635-42	3.7	18
21	Thoraco-abdominal asynchrony in children during quiet sleep using Hilbert transform. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 3448-51	0.9	3
20	Cerebrovascular function in aging and dementia: a systematic review of transcranial Doppler studies. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012 , 2, 258-70	2.5	50
19	The role of NREM sleep instability in child cognitive performance. <i>Sleep</i> , 2012 , 35, 649-56	1.1	28
18	Altered cardio-respiratory response to spontaneous cortical arousals in children with upper airway obstruction. <i>Sleep Medicine</i> , 2011 , 12, 230-8	4.6	20
17	Prevalence of snoring and associated factors in infancy. <i>Sleep Medicine</i> , 2011 , 12, 787-92	4.6	25
16	Snoring and cognitive development in infancy. <i>Sleep Medicine</i> , 2011 , 12, 981-7	4.6	34
15	Parental-reported snoring from the first month of life and cognitive development at 12 months of age. <i>Sleep Medicine</i> , 2011 , 12, 975-80	4.6	9
14	Quantification of cardio-respiratory interactions in healthy children during night-time sleep using joint symbolic dynamics. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 1459-62	0.9	1
13	Cardiorespiratory response to spontaneous cortical arousals during stage 2 and rapid eye movement sleep in healthy children. <i>Journal of Sleep Research</i> , 2010 , 19, 415-24	5.8	15
12	Neurocognitive performance and behavior before and after treatment for sleep-disordered breathing in children. <i>Nature and Science of Sleep</i> , 2010 , 2, 159-85	3.6	41
11	Risk factors and treatment for obstructive sleep apnea amongst obese children and adults. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2009 , 9, 4-9	3.3	24
10	Adenotonsillectomy and neurocognitive deficits in children with Sleep Disordered Breathing. <i>PLoS ONE</i> , 2009 , 4, e7343	3.7	87
9	Differences in the association between obesity and obstructive sleep apnea among children and adolescents. <i>Journal of Clinical Sleep Medicine</i> , 2009 , 5, 506-11	3.1	27
8	Differences in the Association Between Obesity and Obstructive Sleep Apnea Among Children and Adolescents. <i>Journal of Clinical Sleep Medicine</i> , 2009 , 05, 506-511	3.1	57
7	Is there a clear link between overweight/obesity and sleep disordered breathing in children?. <i>Sleep Medicine Reviews</i> , 2008 , 12, 347-61; discussion 363-4	10.2	54
6	Obesity and Risk of Sleep Related Upper Airway Obstruction in Caucasian Children. <i>Journal of Clinical Sleep Medicine</i> , 2008 , 04, 129-136	3.1	47
5	The effects of chewing versus caffeine on alertness, cognitive performance and cardiac autonomic activity during sleep deprivation. <i>Journal of Sleep Research</i> , 2006 , 15, 358-68	5.8	32

4	Spindle-slow oscillation coupling during sleep predicts sequence-based language learning	4
3	Oscillatory and aperiodic neural activity jointly predict language learning	5
2	Alpha Oscillations Prior to Encoding Preferentially Modulate Memory Consolidation during Wake Relative to Sleep	3
1	Attention and Emotion-Enhanced Memory: A Systematic Review and Meta-Analysis of Behavioural and Neuroimaging Evidence	1