

Mark J Kohler

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,772
citations

279778

23
h-index

315719

38
g-index

83
all docs

83
docs citations

83
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenotonsillectomy and Neurocognitive Deficits in Children with Sleep Disordered Breathing. PLoS ONE, 2009, 4, e7343.	2.5	97
2	Sleep Spindle Activity and Cognitive Performance in Healthy Children. Sleep, 2013, 36, 237-243.	1.1	94
3	Prevalence of Sleepwalking: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0164769.	2.5	88
4	Medication induced sleepwalking: A systematic review. Sleep Medicine Reviews, 2018, 37, 105-113.	8.5	87
5	Differences in the Association Between Obesity and Obstructive Sleep Apnea Among Children and Adolescents. Journal of Clinical Sleep Medicine, 2009, 05, 506-511.	2.6	76
6	Emoticons in mind: An event-related potential study. Social Neuroscience, 2014, 9, 196-202.	1.3	73
7	Is there a clear link between overweight/obesity and sleep disordered breathing in children?. Sleep Medicine Reviews, 2008, 12, 347-361.	8.5	67
8	Caffeine Consumption and Sleep Quality in Australian Adults. Nutrients, 2016, 8, 479.	4.1	65
9	Cerebrovascular Function in Aging and Dementia: A Systematic Review of Transcranial Doppler Studies. Dementia and Geriatric Cognitive Disorders Extra, 2012, 2, 258-270.	1.3	63
10	Obesity and Risk of Sleep Related Upper Airway Obstruction in Caucasian Children. Journal of Clinical Sleep Medicine, 2008, 04, 129-136.	2.6	59
11	Neurocognitive performance and behavior before and after treatment for sleep-disordered breathing in children. Nature and Science of Sleep, 2010, 2, 159.	2.7	48
12	Sleep, executive functioning and behaviour in children and adolescents with type 1 diabetes. Sleep Medicine, 2014, 15, 1490-1499.	1.6	43
13	The effects of chewing versus caffeine on alertness, cognitive performance and cardiac autonomic activity during sleep deprivation. Journal of Sleep Research, 2006, 15, 358-368.	3.2	40
14	Snoring and cognitive development in infancy. Sleep Medicine, 2011, 12, 981-987.	1.6	40
15	Risk factors and treatment for obstructive sleep apnea amongst obese children and adults. Current Opinion in Allergy and Clinical Immunology, 2009, 9, 4-9.	2.3	33
16	Prevalence of snoring and associated factors in infancy. Sleep Medicine, 2011, 12, 787-792.	1.6	33
17	The Role of NREM Sleep Instability in Child Cognitive Performance. Sleep, 2012, 35, 649-56.	1.1	32
18	The Relationship Between Caffeine, Sleep, and Behavior in Children. Journal of Clinical Sleep Medicine, 2017, 13, 533-543.	2.6	31

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19	Complex associative memory processing and sleep: A systematic review and meta-analysis of behavioural evidence and underlying EEG mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 646-655.	6.1	30
20	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.	2.6	29
21	Sleep and academic performance in Indigenous Australian children from a remote community: An exploratory study. <i>Journal of Paediatrics and Child Health</i> , 2012, 48, 122-127.	0.8	28
22	Associations between self-reported sleep measures and dietary behaviours in a large sample of Australian school students (n=28,010). <i>Journal of Sleep Research</i> , 2018, 27, e12682.	3.2	27
23	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, 5630.	2.6	26
24	Cerebrovascular function and cognition in childhood: a systematic review of transcranial doppler studies. <i>BMC Neurology</i> , 2014, 14, 43.	1.8	25
25	Heartbeat Evoked Potentials during Sleep and Daytime Behavior in Children with Sleep-disordered Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1149-1157.	5.6	23
26	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.	2.0	22
27	Altered cardio-respiratory response to spontaneous cortical arousals in children with upper airway obstruction. <i>Sleep Medicine</i> , 2011, 12, 230-238.	1.6	21
28	Respiratory timing and variability during sleep in children with sleep-disordered breathing. <i>Journal of Applied Physiology</i> , 2012, 113, 1635-1642.	2.5	21
29	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, 415-424.	3.2	19
30	The effects of sleep restriction and sleep deprivation in producing false memories. <i>Neurobiology of Learning and Memory</i> , 2017, 137, 107-113.	1.9	19
31	Resiliency as a mediator of the impact of sleep on child and adolescent behavior. <i>Nature and Science of Sleep</i> , 2013, 6, 1.	2.7	18
32	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.	1.6	17
33	Bringing the Jury to the Scene of the Crime: Memory and Decision-Making in a Simulated Crime Scene. , 2021, , .		17
34	EEG and behavioral correlates of attentional processing while walking and navigating naturalistic environments. <i>Scientific Reports</i> , 2021, 11, 22325.	3.3	17
35	Movement Distribution: A New Measure of Sleep Fragmentation in Children with Upper Airway Obstruction. <i>Sleep</i> , 2014, 37, 2025-2034.	1.1	16
36	Thermoregulation, scratch, itch and sleep deficits in children with eczema. <i>Sleep Medicine</i> , 2016, 25, 145-150.	1.6	16

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37	Respiratory Cycle-Related Electroencephalographic Changes during Sleep in Healthy Children and in Children with Sleep Disordered Breathing. <i>Sleep</i> , 2014, 37, 1353-1361.	1.1	15
38	The effect of adenotonsillectomy for childhood sleep apnoea on cardiorespiratory control. <i>ERJ Open Research</i> , 2016, 2, 00003-2016.	2.6	15
39	Individual alpha frequency modulates sleep-related emotional memory consolidation. <i>Neuropsychologia</i> , 2020, 148, 107660.	1.6	15
40	Parental-reported snoring from the first month of life and cognitive development at 12 months of age. <i>Sleep Medicine</i> , 2011, 12, 975-980.	1.6	14
41	Cerebrovascular function associated with fluid, not crystallized, abilities in older adults: A transcranial Doppler study.. <i>Psychology and Aging</i> , 2015, 30, 613-623.	1.6	13
42	The Inconsistent Nature of Heart Rate Variability During Sleep in Normal Children and Adolescents. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 19.	2.4	13
43	Effect of respiration on heartbeat-evoked potentials during sleep in children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2015, 16, 665-667.	1.6	12
44	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.	1.7	12
45	Sleep inertia during a simulated 6-h on/6-h off fixed split duty schedule. <i>Chronobiology International</i> , 2016, 33, 685-696.	2.0	12
46	Validation and reproducibility of an Australian caffeine food frequency questionnaire. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 617-626.	2.8	12
47	What Box: A task for assessing language lateralization in young children. <i>Laterality</i> , 2018, 23, 391-408.	1.0	12
48	Consolidation and generalisation across sleep depend on individual EEG factors and sleep spindle density. <i>Neurobiology of Learning and Memory</i> , 2021, 179, 107384.	1.9	11
49	Investigating letter recognition in the brain by varying typeface: An event-related potential study. <i>Brain and Cognition</i> , 2014, 88, 83-89.	1.8	10
50	Self-reported sleepwalking in Australian senior secondary school students. <i>Sleep Medicine</i> , 2016, 25, 1-3.	1.6	10
51	A Systematic Review of Cognitive Functioning After Traumatic Brain Injury in Individuals Aged 10â€“30 Years. <i>Cognitive and Behavioral Neurology</i> , 2020, 33, 233-252.	0.9	10
52	Parent versus teacher report of daytime behavior in snoring children. <i>Sleep and Breathing</i> , 2013, 17, 637-645.	1.7	9
53	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.	1.6	9
54	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.	4.4	9

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55	Altered Nocturnal Cardiovascular Control in Children With Sleep-Disordered Breathing. <i>Sleep</i> , 2017, 40, .	1.1	8
56	Quality-of-life but not behavior improves 48-months post-adenotonsillectomy in children with SDB. <i>Sleep Medicine</i> , 2021, 81, 418-429.	1.6	8
57	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.	1.6	7
58	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.	2.8	6
59	Thoraco-abdominal asynchrony in children during quiet sleep using Hilbert transform. , 2012, 2012, 3448-51.		4
60	Facing up to stereotypes: Surgeons and physicians are no different in their emotional expressiveness. <i>Laterality</i> , 2014, 19, 585-590.	1.0	4
61	Pulse wave amplitude and heart period variability in children with upper airway obstruction. <i>Sleep Medicine</i> , 2018, 50, 55-62.	1.6	4
62	Respiratory sinus arrhythmia during sleep in children with upper airway obstruction. <i>Journal of Sleep Research</i> , 2013, 22, 463-470.	3.2	3
63	Examining Computerâ€‘Supported 3D Event Recreation for Enhancing Cognitive Load, Memorability, and Engagement. <i>Multimodal Technologies and Interaction</i> , 2020, 4, 37.	2.5	3
64	A systematic review of treatments for sleepwalking: 100 years of case studies. <i>Sleep and Hypnosis</i> , 2016, , .	0.4	3
65	Supporting Jury Understanding of Expert Evidence in a Virtual Environment. , 2022, , .		3
66	Effect of spontaneous arousals on cardio-respiratory interaction in healthy children. , 2012, 2012, 45-8.		2
67	Increased variability in respiratory parameters heralds obstructive events in children with sleep disordered breathing. , 2013, 2013, 2024-7.		2
68	A Method for Estimating Pulse Wave Amplitude Variability in children with Sleep Disordered Breathing. , 2019, 2019, 2289-2292.		2
69	Quantification of cardio-respiratory interactions in healthy children during night-time sleep using joint symbolic dynamics. , 2011, 2011, 1459-62.		1
70	Symbolic dynamics of pulse transit time and heart period in children with upper airway obstruction. , 2015, 2015, 1801-4.		1
71	Visual Subliminal Cues for Spatial Augmented Reality. , 2015, , .		1
72	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.	1.6	1

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73	Characterizing respiratory waveform regularity and associated thoraco-abdominal asynchrony during sleep using respiratory inductive plethysmography. , 2013, , .		0
74	Symbolic dynamics of respiratory cycle related sleep EEG in children with sleep disordered breathing. , 2014, 2014, 6016-9.		0
75	Reply to letter to the editor on: "Is there a relationship between excessive sugar consumption and sleep quality in children?" International Journal of Food Sciences and Nutrition, 2018, 69, 902-903.	2.8	0
76	Memory for emotional images across sleep versus wake in school-aged children. Journal of Experimental Child Psychology, 2022, 214, 105308.	1.4	0