

Mark J Kohler

List of Publications by Citations

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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 | Adenotonsillectomy and neurocognitive deficits in children with Sleep Disordered Breathing. <i>PLoS ONE</i> , 2009 , 4, e7343 | 3.7 | 87 |
| 74 | Sleep spindle activity and cognitive performance in healthy children. <i>Sleep</i> , 2013 , 36, 237-43 | 1.1 | 72 |
| 73 | Emoticons in mind: an event-related potential study. <i>Social Neuroscience</i> , 2014 , 9, 196-202 | 2 | 63 |
| 72 | Medication induced sleepwalking: A systematic review. <i>Sleep Medicine Reviews</i> , 2018 , 37, 105-113 | 10.2 | 57 |
| 71 | 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 |
| 70 | 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 |
| 69 | Prevalence of Sleepwalking: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0164769 | 3.7 | 53 |
| 68 | 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 |
| 67 | 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 |
| 66 | Caffeine Consumption and Sleep Quality in Australian Adults. <i>Nutrients</i> , 2016 , 8, | 6.7 | 43 |
| 65 | 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 |
| 64 | Snoring and cognitive development in infancy. <i>Sleep Medicine</i> , 2011 , 12, 981-7 | 4.6 | 34 |
| 63 | Sleep, executive functioning and behaviour in children and adolescents with type 1 diabetes. <i>Sleep Medicine</i> , 2014 , 15, 1490-9 | 4.6 | 33 |
| 62 | 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 |
| 61 | The role of NREM sleep instability in child cognitive performance. <i>Sleep</i> , 2012 , 35, 649-56 | 1.1 | 28 |
| 60 | 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 |
| 59 | Prevalence of snoring and associated factors in infancy. <i>Sleep Medicine</i> , 2011 , 12, 787-92 | 4.6 | 25 |

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|----|--|------|----|
| 58 | 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 |
| 57 | 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, 122-7 | 1.3 | 22 |
| 56 | 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, 646-55 | 9 | 21 |
| 55 | The Relationship Between Caffeine, Sleep, and Behavior in Children. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 533-543 | 3.1 | 20 |
| 54 | Cerebrovascular function and cognition in childhood: a systematic review of transcranial Doppler studies. <i>BMC Neurology</i> , 2014 , 14, 43 | 3.1 | 20 |
| 53 | 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 |
| 52 | 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, 1149-57 | 10.2 | 18 |
| 51 | 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 |
| 50 | Resiliency as a mediator of the impact of sleep on child and adolescent behavior. <i>Nature and Science of Sleep</i> , 2013 , 6, 1-9 | 3.6 | 15 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | Movement distribution: a new measure of sleep fragmentation in children with upper airway obstruction. <i>Sleep</i> , 2014 , 37, 2025-34 | 1.1 | 14 |
| 45 | Respiratory cycle-related electroencephalographic changes during sleep in healthy children and in children with sleep disordered breathing. <i>Sleep</i> , 2014 , 37, 1353-61 | 1.1 | 13 |
| 44 | 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 | 5.8 | 12 |
| 43 | The effect of adenotonsillectomy for childhood sleep apnoea on cardiorespiratory control. <i>ERJ Open Research</i> , 2016 , 2, | 3.5 | 10 |
| 42 | 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 |
| 41 | Self-reported sleepwalking in Australian senior secondary school students. <i>Sleep Medicine</i> , 2016 , 25, 1-3 | 4.6 | 9 |

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|----|--|-----|---|
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | Parent versus teacher report of daytime behavior in snoring children. <i>Sleep and Breathing</i> , 2013 , 17, 637-45 | 4.5 | 8 |
| 32 | Altered Nocturnal Cardiovascular Control in Children With Sleep-Disordered Breathing. <i>Sleep</i> , 2017 , 40, | 1.1 | 7 |
| 31 | What Box: A task for assessing language lateralization in young children. <i>Laterality</i> , 2018 , 23, 391-408 | 2 | 6 |
| 30 | 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 |
| 29 | Thermoregulation, scratch, itch and sleep deficits in children with eczema. <i>Sleep Medicine</i> , 2016 , 25, 145-150 | 4.5 | 6 |
| 28 | 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 |
| 27 | Investigating letter recognition in the brain by varying typeface: an event-related potential study. <i>Brain and Cognition</i> , 2014 , 88, 83-9 | 2.7 | 5 |
| 26 | Oscillatory and aperiodic neural activity jointly predict language learning | | 5 |
| 25 | Individual alpha frequency modulates sleep-related emotional memory consolidation. <i>Neuropsychologia</i> , 2020 , 148, 107660 | 3.2 | 5 |
| 24 | 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 |
| 23 | 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 |

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|----|--|-----|---|
| 22 | 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 |
| 21 | Facing up to stereotypes: surgeons and physicians are no different in their emotional expressiveness. <i>Laterality</i> , 2014 , 19, 585-90 | 2 | 4 |
| 20 | EEG and behavioral correlates of attentional processing while walking and navigating naturalistic environments. <i>Scientific Reports</i> , 2021 , 11, 22325 | 4.9 | 4 |
| 19 | Spindle-slow oscillation coupling during sleep predicts sequence-based language learning | | 4 |
| 18 | Pulse wave amplitude and heart period variability in children with upper airway obstruction. <i>Sleep Medicine</i> , 2018 , 50, 55-62 | 4.6 | 3 |
| 17 | Respiratory sinus arrhythmia during sleep in children with upper airway obstruction. <i>Journal of Sleep Research</i> , 2013 , 22, 463-70 | 5.8 | 3 |
| 16 | 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 |
| 15 | 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 |
| 14 | Alpha Oscillations Prior to Encoding Preferentially Modulate Memory Consolidation during Wake Relative to Sleep | | 3 |
| 13 | 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</i> , 2012 , 2012, 45-8 | 0.9 | 2 |
| 12 | 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</i> , 2013 , 2013, 2024-7 | 0.9 | 2 |
| 11 | 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 |
| 10 | 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</i> , 2015 , 2015, 1801-4 | 0.9 | 1 |
| 9 | 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 |
| 8 | Attention and Emotion-Enhanced Memory: A Systematic Review and Meta-Analysis of Behavioural and Neuroimaging Evidence | | 1 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |

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| 4 | Examining ComputerSupported 3D Event Recreation for Enhancing Cognitive Load, Memorability, and Engagement. <i>Multimodal Technologies and Interaction</i> , 2020 , 4, 37 | 1.7 | 0 |
| 3 | 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 | |
| 2 | 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</i> , 2014 , 2014, 6016-9 | 0.9 | |
| 1 | Memory for emotional images across sleep versus wake in school-aged children. <i>Journal of Experimental Child Psychology</i> , 2022 , 214, 105308 | 2.3 | |