

David Gozal

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.

667
papers

37,755
citations

95
h-index

169
g-index

729
ext. papers

44,224
ext. citations

4.7
avg, IF

7.71
L-index

#	Paper	IF	Citations
667	Rules for scoring respiratory events in sleep: update of the 2007 AASM Manual for the Scoring of Sleep and Associated Events. Deliberations of the Sleep Apnea Definitions Task Force of the American Academy of Sleep Medicine. <i>Journal of Clinical Sleep Medicine</i> , 2012 , 8, 597-619	3.1	2791
666	Sleep-disordered breathing and school performance in children. <i>Pediatrics</i> , 1998 , 102, 616-20	7.4	916
665	Diagnosis and management of childhood obstructive sleep apnea syndrome. <i>Pediatrics</i> , 2012 , 130, e714-55	7.4	853
664	Diagnosis and management of childhood obstructive sleep apnea syndrome. <i>Pediatrics</i> , 2012 , 130, 576-84	7.4	828
663	A randomized trial of adenotonsillectomy for childhood sleep apnea. <i>New England Journal of Medicine</i> , 2013 , 368, 2366-76	59.2	799
662	Obstructive sleep apnea and the prefrontal cortex: towards a comprehensive model linking nocturnal upper airway obstruction to daytime cognitive and behavioral deficits. <i>Journal of Sleep Research</i> , 2002 , 11, 1-16	5.8	655
661	Adenotonsillectomy outcomes in treatment of obstructive sleep apnea in children: a multicenter retrospective study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 676-83	10.2	513
660	Metabolic dysfunction drives a mechanistically distinct proinflammatory phenotype in adipose tissue macrophages. <i>Cell Metabolism</i> , 2014 , 20, 614-25	24.6	443
659	National Sleep Foundation's sleep quality recommendations: first report. <i>Sleep Health</i> , 2017 , 3, 6-19	4	434
658	Behavioral and anatomical correlates of chronic episodic hypoxia during sleep in the rat. <i>Journal of Neuroscience</i> , 2001 , 21, 2442-50	6.6	430
657	Sleep and neurobehavioral characteristics of 5- to 7-year-old children with parentally reported symptoms of attention-deficit/hyperactivity disorder. <i>Pediatrics</i> , 2003 , 111, 554-63	7.4	428
656	Polysomnographic characteristics in normal preschool and early school-aged children. <i>Pediatrics</i> , 2006 , 117, 741-53	7.4	394
655	Neurobehavioral implications of habitual snoring in children. <i>Pediatrics</i> , 2004 , 114, 44-9	7.4	385
654	Snoring during early childhood and academic performance at ages thirteen to fourteen years. <i>Pediatrics</i> , 2001 , 107, 1394-9	7.4	348
653	The effect of chronic or intermittent hypoxia on cognition in childhood: a review of the evidence. <i>Pediatrics</i> , 2004 , 114, 805-16	7.4	341
652	Persistence of obstructive sleep apnea syndrome in children after adenotonsillectomy. <i>Journal of Pediatrics</i> , 2006 , 149, 803-8	3.6	326
651	Increased oxidative stress is associated with chronic intermittent hypoxia-mediated brain cortical neuronal cell apoptosis in a mouse model of sleep apnea. <i>Neuroscience</i> , 2004 , 126, 313-23	3.9	303

650	Metabolic alterations and systemic inflammation in obstructive sleep apnea among nonobese and obese prepubertal children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 1142-9	10.2	296
649	Cardiovascular morbidity in obstructive sleep apnea: oxidative stress, inflammation, and much more. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 369-75	10.2	272
648	S-nitrosothiols signal the ventilatory response to hypoxia. <i>Nature</i> , 2001 , 413, 171-4	50.4	265
647	Pediatric obstructive sleep apnea: complications, management, and long-term outcomes. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 274-82		256
646	Intermittent hypoxia is associated with oxidative stress and spatial learning deficits in the rat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1548-53	10.2	256
645	Pediatric sleep questionnaires as diagnostic or epidemiological tools: a review of currently available instruments. <i>Sleep Medicine Reviews</i> , 2011 , 15, 19-32	10.2	251
644	Leukotriene modifier therapy for mild sleep-disordered breathing in children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 364-70	10.2	245
643	Neurobehavioral correlates of sleep-disordered breathing in children. <i>Journal of Sleep Research</i> , 2004 , 13, 165-72	5.8	243
642	The Visual Scoring of Sleep and Arousal in Infants and Children. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 03, 201-240	3.1	216
641	Plasma C-reactive protein levels among children with sleep-disordered breathing. <i>Pediatrics</i> , 2004 , 113, e564-9	7.4	215
640	Sleep duration, sleep regularity, body weight, and metabolic homeostasis in school-aged children. <i>Pediatrics</i> , 2011 , 127, e345-52	7.4	210
639	C-reactive protein, obstructive sleep apnea, and cognitive dysfunction in school-aged children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 188-93	10.2	200
638	Objective sleepiness measures in pediatric obstructive sleep apnea. <i>Pediatrics</i> , 2001 , 108, 693-7	7.4	200
637	Clinical guidelines for the manual titration of positive airway pressure in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2008 , 4, 157-71	3.1	195
636	Intranasal budesonide treatment for children with mild obstructive sleep apnea syndrome. <i>Pediatrics</i> , 2008 , 122, e149-55	7.4	193
635	Chronic Sleep Disruption Alters Gut Microbiota, Induces Systemic and Adipose Tissue Inflammation and Insulin Resistance in Mice. <i>Scientific Reports</i> , 2016 , 6, 35405	4.9	191
634	Impaired spatial learning and hyperactivity in developing rats exposed to intermittent hypoxia. <i>Pediatric Research</i> , 2002 , 52, 449-53	3.2	187
633	Psychometric Validation of the Bangla Fear of COVID-19 Scale: Confirmatory Factor Analysis and Rasch Analysis. <i>International Journal of Mental Health and Addiction</i> , 2020 , 1-12	8.8	186

632	Obstructive sleep apnea and endothelial function in school-aged nonobese children: effect of adenotonsillectomy. <i>Circulation</i> , 2007 , 116, 2307-14	16.7	186
631	Intranasal steroids and oral leukotriene modifier therapy in residual sleep-disordered breathing after tonsillectomy and adenoidectomy in children. <i>Pediatrics</i> , 2006 , 117, e61-6	7.4	184
630	Snoring and sleep-disordered breathing in young children: subjective and objective correlates. <i>Sleep</i> , 2004 , 27, 87-94	1.1	181
629	An official American Thoracic Society statement: continuous positive airway pressure adherence tracking systems. The optimal monitoring strategies and outcome measures in adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 613-20	10.2	179
628	The Scoring of Respiratory Events in Sleep: Reliability and Validity. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 03, 169-200	3.1	179
627	Knowledge, attitude, and practice regarding COVID-19 outbreak in Bangladesh: An online-based cross-sectional study. <i>PLoS ONE</i> , 2020 , 15, e0239254	3.7	164
626	Obstructive sleep apnea in children: relative contributions of body mass index and adenotonsillar hypertrophy. <i>Chest</i> , 2009 , 136, 137-144	5.3	163
625	Daytime sleepiness and polysomnographic variables in sleep apnoea patients. <i>European Respiratory Journal</i> , 2007 , 30, 110-13	13.6	154
624	Systemic inflammation in non-obese children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2008 , 9, 254-262	2.6	152
623	Sleep disturbances in children with attention deficit hyperactivity disorder. <i>Pediatric Research</i> , 2003 , 54, 237-43	3.2	144
622	Heart rate variability in children with obstructive sleep apnea. <i>Sleep</i> , 1997 , 20, 151-7	1.1	142
621	Cognition, sleep and respiration in at-risk children treated for obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2005 , 25, 336-42	13.6	142
620	Obesity and obstructive sleep apnea in children. <i>Paediatric Respiratory Reviews</i> , 2006 , 7, 247-59	4.8	141
619	A Critical Care Societies Collaborative Statement: Burnout Syndrome in Critical Care Health-care Professionals. A Call for Action. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 106-13	10.2	141
618	Periodic limb movement disorder of sleep in children. <i>Journal of Sleep Research</i> , 2003 , 12, 73-81	5.8	140
617	Childhood Obstructive Sleep Apnea: One or Two Distinct Disease Entities?. <i>Sleep Medicine Clinics</i> , 2007 , 2, 433-444	3.6	135
616	Treatment of obstructive sleep apnea in children: do we really know how?. <i>Sleep Medicine Reviews</i> , 2003 , 7, 61-80	10.2	135
615	Cardiovascular complications of obstructive sleep apnea syndrome: evidence from children. <i>Progress in Cardiovascular Diseases</i> , 2009 , 51, 416-33	8.5	133

614	Inflammatory mediators in exhaled breath condensate of children with obstructive sleep apnea syndrome. <i>Chest</i> , 2006 , 130, 143-8	5.3	133
613	Health-related quality of life and depressive symptoms in children with suspected sleep-disordered breathing. <i>Sleep</i> , 2004 , 27, 1131-8	1.1	133
612	Intermittent hypoxia-induced changes in tumor-associated macrophages and tumor malignancy in a mouse model of sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 593-601	10.2	132
611	Snoring in Portuguese primary school children. <i>Pediatrics</i> , 2000 , 106, E64	7.4	132
610	Developmental differences in cortical and hippocampal vulnerability to intermittent hypoxia in the rat. <i>Neuroscience Letters</i> , 2001 , 305, 197-201	3.3	130
609	Intermittent hypoxia alters gut microbiota diversity in a mouse model of sleep apnoea. <i>European Respiratory Journal</i> , 2015 , 45, 1055-65	13.6	129
608	An Official American Thoracic Society Statement: The Importance of Healthy Sleep. Recommendations and Future Priorities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1450-8	10.2	128
607	Periodic limb movements in sleep and iron status in children. <i>Sleep</i> , 2003 , 26, 735-8	1.1	127
606	The Childhood Adenotonsillectomy Trial (CHAT): rationale, design, and challenges of a randomized controlled trial evaluating a standard surgical procedure in a pediatric population. <i>Sleep</i> , 2011 , 34, 1509-17	11	126
605	Alzheimer's Disease Mutant Mice Exhibit Reduced Brain Tissue Stiffness Compared to Wild-type Mice in both Normoxia and following Intermittent Hypoxia Mimicking Sleep Apnea. <i>Frontiers in Neurology</i> , 2018 , 9, 1	4.1	124
604	Intermittent hypoxia-induced cognitive deficits are mediated by NADPH oxidase activity in a murine model of sleep apnea. <i>PLoS ONE</i> , 2011 , 6, e19847	3.7	123
603	Obstructive sleep apnea in children: a critical update. <i>Nature and Science of Sleep</i> , 2013 , 5, 109-23	3.6	121
602	Sleep fragmentation induces cognitive deficits via nicotinamide adenine dinucleotide phosphate oxidase-dependent pathways in mouse. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 1305-12	10.2	121
601	Neurocognitive dysfunction in children with sleep disorders. <i>Developmental Science</i> , 2006 , 9, 388-99	4.5	121
600	Effect of Sleep-disordered Breathing Severity on Cognitive Performance Measures in a Large Community Cohort of Young School-aged Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 739-47	10.2	121
599	An Official Critical Care Societies Collaborative Statement-Burnout Syndrome in Critical Care Health-care Professionals: A Call for Action. <i>Chest</i> , 2016 , 150, 17-26	5.3	119
598	Precision Medicine in Patients With Resistant Hypertension and Obstructive Sleep Apnea: Blood Pressure Response to Continuous Positive Airway Pressure Treatment. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1023-32	15.1	118
597	Circulating vascular endothelial growth factor levels in patients with obstructive sleep apnea. <i>Sleep</i> , 2002 , 25, 59-65	1.1	117

596	Neurocognitive and behavioral morbidity in children with sleep disorders. <i>Current Opinion in Pulmonary Medicine</i> , 2007 , 13, 505-9	3	116
595	The scoring of respiratory events in sleep: reliability and validity. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 3, 169-200	3.1	116
594	Fragmented sleep accelerates tumor growth and progression through recruitment of tumor-associated macrophages and TLR4 signaling. <i>Cancer Research</i> , 2014 , 74, 1329-37	10.1	115
593	Cyclooxygenase 2 and intermittent hypoxia-induced spatial deficits in the rat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 469-75	10.2	114
592	Autonomic dysfunction in children with sleep-disordered breathing. <i>Sleep</i> , 2005 , 28, 747-52	1.1	114
591	The polymorphic and contradictory aspects of intermittent hypoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L129-40	5.8	112
590	Sleep measures and morning plasma TNF-alpha levels in children with sleep-disordered breathing. <i>Sleep</i> , 2010 , 33, 319-25	1.1	111
589	Obesity rather than severity of sleep-disordered breathing as the major determinant of insulin resistance and altered lipidemia in snoring children. <i>Pediatrics</i> , 2005 , 116, e66-73	7.4	111
588	Sleep Apnea and Cancer: Analysis of a Nationwide Population Sample. <i>Sleep</i> , 2016 , 39, 1493-500	1.1	110
587	Increased susceptibility to intermittent hypoxia in aging rats: changes in proteasomal activity, neuronal apoptosis and spatial function. <i>Journal of Neurochemistry</i> , 2003 , 86, 1545-52	6	108
586	Obesity and obstructive sleep apnea syndrome in children: a tale of inflammatory cascades. <i>Pediatric Pulmonology</i> , 2011 , 46, 313-23	3.5	107
585	Beta-cell death and proliferation after intermittent hypoxia: role of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 783-90	7.8	107
584	Adenotonsillectomy Complications: A Meta-analysis. <i>Pediatrics</i> , 2015 , 136, 702-18	7.4	106
583	Nitric oxide synthase and intermittent hypoxia-induced spatial learning deficits in the rat. <i>Neurobiology of Disease</i> , 2004 , 17, 44-53	7.5	106
582	Plasma C-Reactive Protein in Nonobese Children With Obstructive Sleep Apnea Before and After Adenotonsillectomy. <i>Journal of Clinical Sleep Medicine</i> , 2006 , 02, 301-304	3.1	106
581	The COVID-19 pandemic and serious psychological consequences in Bangladesh: A population-based nationwide study. <i>Journal of Affective Disorders</i> , 2021 , 279, 462-472	6.6	104
580	Obesity and excessive daytime sleepiness in prepubertal children with obstructive sleep apnea. <i>Pediatrics</i> , 2009 , 123, 13-8	7.4	103
579	Sleep pressure score: a new index of sleep disruption in snoring children. <i>Sleep</i> , 2004 , 27, 274-8	1.1	102

578	Respiratory effects of gestational intermittent hypoxia in the developing rat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1540-7	10.2	102
577	APOE epsilon 4 allele, cognitive dysfunction, and obstructive sleep apnea in children. <i>Neurology</i> , 2007 , 69, 243-9	6.5	100
576	An Official Critical Care Societies Collaborative Statement: Burnout Syndrome in Critical Care Health Care Professionals: A Call for Action. <i>American Journal of Critical Care</i> , 2016 , 25, 368-76	1.7	99
575	Sleep, sleep disorders and inflammation in children. <i>Sleep Medicine</i> , 2009 , 10 Suppl 1, S12-6	4.6	96
574	Role of sleep quality in the metabolic syndrome. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2016 , 9, 281-310	3.4	96
573	Reliability of home respiratory polygraphy for the diagnosis of sleep apnea in children. <i>Chest</i> , 2015 , 147, 1020-1028	5.3	95
572	Overnight polysomnography versus respiratory polygraphy in the diagnosis of pediatric obstructive sleep apnea. <i>Sleep</i> , 2014 , 37, 255-60	1.1	94
571	Disrupted sleep without sleep curtailment induces sleepiness and cognitive dysfunction via the tumor necrosis factor- α pathway. <i>Journal of Neuroinflammation</i> , 2012 , 9, 91	10.1	94
570	Elevated serum aminotransferase levels in children at risk for obstructive sleep apnea. <i>Chest</i> , 2008 , 133, 92-9	5.3	94
569	Proteomic analysis of CA1 and CA3 regions of rat hippocampus and differential susceptibility to intermittent hypoxia. <i>Journal of Neurochemistry</i> , 2002 , 83, 331-45	6	94
568	NREM sleep instability is reduced in children with attention-deficit/hyperactivity disorder. <i>Sleep</i> , 2006 , 29, 797-803	1.1	94
567	Nocturnal ventilatory support in patients with cystic fibrosis: comparison with supplemental oxygen. <i>European Respiratory Journal</i> , 1997 , 10, 1999-2003	13.6	93
566	Algorithm for the diagnosis and treatment of pediatric OSA: a proposal of two pediatric sleep centers. <i>Sleep Medicine</i> , 2012 , 13, 217-27	4.6	92
565	Neurocognitive and endothelial dysfunction in children with obstructive sleep apnea. <i>Pediatrics</i> , 2010 , 126, e1161-7	7.4	92
564	Endothelial progenitor cells and vascular dysfunction in children with obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 92-7	10.2	92
563	Two-dimensional differential in-gel electrophoresis proteomic approaches reveal urine candidate biomarkers in pediatric obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 1253-61	10.2	92
562	DNA methylation in inflammatory genes among children with obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 330-8	10.2	92
561	Snore-associated sleep fragmentation in infancy: mental development effects and contribution of secondhand cigarette smoke exposure. <i>Pediatrics</i> , 2006 , 117, e496-502	7.4	92

560	Plasma adhesion molecules in children with sleep-disordered breathing. <i>Chest</i> , 2006 , 129, 947-53	5.3	92
559	Localization of putative neural respiratory regions in the human by functional magnetic resonance imaging. <i>Journal of Applied Physiology</i> , 1994 , 76, 2076-83	3.7	92
558	The effect of sex and age on the comorbidity burden of OSA: an observational analysis from a large nationwide US health claims database. <i>European Respiratory Journal</i> , 2016 , 47, 1162-9	13.6	91
557	Endothelial dysfunction in children without hypertension: potential contributions of obesity and obstructive sleep apnea. <i>Chest</i> , 2012 , 141, 682-691	5.3	91
556	Increased morning brain natriuretic peptide levels in children with nocturnal enuresis and sleep-disordered breathing: a community-based study. <i>Pediatrics</i> , 2008 , 121, e1208-14	7.4	91
555	Obstructive sleep apnea in poorly controlled asthmatic children: effect of adenotonsillectomy. <i>Pediatric Pulmonology</i> , 2011 , 46, 913-8	3.5	90
554	Increased cellular proliferation and inflammatory cytokines in tonsils derived from children with obstructive sleep apnea. <i>Pediatric Research</i> , 2009 , 66, 423-8	3.2	90
553	Obstructive sleep apnea in children: implications for the developing central nervous system. <i>Seminars in Pediatric Neurology</i> , 2008 , 15, 100-6	2.9	90
552	Pediatric OSAS: Oximetry can provide answers when polysomnography is not available. <i>Sleep Medicine Reviews</i> , 2016 , 27, 96-105	10.2	89
551	Obstructive Sleep Apnea and Inflammation: Proof of Concept Based on Two Illustrative Cytokines. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	88
550	Antiinflammatory therapy outcomes for mild OSA in children. <i>Chest</i> , 2014 , 146, 88-95	5.3	88
549	Manganese superoxide dismutase protects mouse cortical neurons from chronic intermittent hypoxia-mediated oxidative damage. <i>Neurobiology of Disease</i> , 2007 , 28, 206-15	7.5	88
548	Intermittent hypoxia during development induces long-term alterations in spatial working memory, monoamines, and dendritic branching in rat frontal cortex. <i>Pediatric Research</i> , 2005 , 58, 594-9	3.2	88
547	Increased upper airway collapsibility in children with obstructive sleep apnea during wakefulness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 163-7	10.2	88
546	Chronic sleep fragmentation induces endothelial dysfunction and structural vascular changes in mice. <i>Sleep</i> , 2014 , 37, 1817-24	1.1	86
545	The visual scoring of sleep and arousal in infants and children. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 3, 201-40	3.1	86
544	Antioxidant responses to chronic hypoxia in the rat cerebellum and pons. <i>Journal of Neurochemistry</i> , 2005 , 93, 47-52	6	84
543	Sleep habits and risk factors for sleep-disordered breathing in infants and young toddlers in Louisville, Kentucky. <i>Sleep Medicine</i> , 2006 , 7, 211-9	4.6	83

542	Reactive oxygen species and the brain in sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2010 , 174, 307-16	2.8	82
541	Regulation of catecholamines by sustained and intermittent hypoxia in neuroendocrine cells and sympathetic neurons. <i>Hypertension</i> , 2003 , 42, 1130-6	8.5	82
540	Exosomal miRNAs as potential biomarkers of cardiovascular risk in children. <i>Journal of Translational Medicine</i> , 2014 , 12, 162	8.5	81
539	Intermittent hypoxic exposure during light phase induces changes in cAMP response element binding protein activity in the rat CA1 hippocampal region: water maze performance correlates. <i>Neuroscience</i> , 2003 , 122, 585-90	3.9	80
538	Leukotriene pathways and in vitro adenotonsillar cell proliferation in children with obstructive sleep apnea. <i>Chest</i> , 2009 , 135, 1142-1149	5.3	78
537	Detection of obstructive sleep apnea in pediatric subjects using surface lead electrocardiogram features. <i>Sleep</i> , 2004 , 27, 784-92	1.1	78
536	Apolipoprotein E-deficient mice exhibit increased vulnerability to intermittent hypoxia-induced spatial learning deficits. <i>Sleep</i> , 2005 , 28, 1412-7	1.1	78
535	TNF- β gene polymorphisms and excessive daytime sleepiness in pediatric obstructive sleep apnea. <i>Journal of Pediatrics</i> , 2011 , 158, 77-82	3.6	77
534	Lipopolysaccharide-binding protein plasma levels in children: effects of obstructive sleep apnea and obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 656-63	5.6	76
533	Snoring in preschoolers: associations with sleepiness, ethnicity, and learning. <i>Clinical Pediatrics</i> , 2003 , 42, 719-26	1.2	76
532	Sleep pressure correlates of cognitive and behavioral morbidity in snoring children. <i>Sleep</i> , 2004 , 27, 279-82	1.1	75
531	The effect of stimulants on sleep characteristics in children with attention deficit/hyperactivity disorder. <i>Sleep Medicine</i> , 2003 , 4, 309-16	4.6	75
530	Biological plausibility linking sleep apnoea and metabolic dysfunction. <i>Nature Reviews Endocrinology</i> , 2016 , 12, 290-8	15.2	75
529	Obstructive sleep apnea in obese community-dwelling children: the NANOS study. <i>Sleep</i> , 2014 , 37, 943-9	1.1	74
528	Sleep fragmentation promotes NADPH oxidase 2-mediated adipose tissue inflammation leading to insulin resistance in mice. <i>International Journal of Obesity</i> , 2014 , 38, 619-24	5.5	74
527	Sleep estimates in children: parental versus actigraphic assessments. <i>Nature and Science of Sleep</i> , 2011 , 3, 115-23	3.6	74
526	High fat/refined carbohydrate diet enhances the susceptibility to spatial learning deficits in rats exposed to intermittent hypoxia. <i>Brain Research</i> , 2006 , 1090, 190-6	3.7	74
525	Oxidant stress and inflammation in the snoring child: confluent pathways to upper airway pathogenesis and end-organ morbidity. <i>Sleep Medicine Reviews</i> , 2006 , 10, 83-96	10.2	74

524	Circulating Plasma Extracellular Microvesicle MicroRNA Cargo and Endothelial Dysfunction in Children with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1116-1126	10.2	74
523	Screening of pediatric sleep-disordered breathing: a proposed unbiased discriminative set of questions using clinical severity scales. <i>Chest</i> , 2012 , 142, 1508-1515	5.3	73
522	Absent peripheral chemosensitivity in Prader-Willi syndrome. <i>Journal of Applied Physiology</i> , 1994 , 77, 2231-6	3.7	73
521	Inflammatory proteins in patients with obstructive sleep apnea with and without daytime sleepiness. <i>Sleep and Breathing</i> , 2007 , 11, 177-85	3.1	72
520	Impaired spatial working memory and altered choline acetyltransferase (CHAT) immunoreactivity and nicotinic receptor binding in rats exposed to intermittent hypoxia during sleep. <i>Behavioural Brain Research</i> , 2007 , 177, 308-14	3.4	72
519	Obstructive sleep apnea and cancer: Epidemiologic links and theoretical biological constructs. <i>Sleep Medicine Reviews</i> , 2016 , 27, 43-55	10.2	71
518	Pediatric Home Sleep Apnea Testing: Slowly Getting There!. <i>Chest</i> , 2015 , 148, 1382-1395	5.3	71
517	Temporal aspects of spatial task performance during intermittent hypoxia in the rat: evidence for neurogenesis. <i>European Journal of Neuroscience</i> , 2003 , 18, 2335-42	3.5	71
516	Peripheral chemoreceptor function in children with the congenital central hypoventilation syndrome. <i>Journal of Applied Physiology</i> , 1993 , 74, 379-87	3.7	70
515	Sleep disturbances in children with attention-deficit/hyperactivity disorder. <i>Expert Review of Neurotherapeutics</i> , 2011 , 11, 565-77	4.3	69
514	Nocturnal Oximetry-based Evaluation of Habitually Snoring Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1591-1598	10.2	68
513	Peripheral arterial tonometry events and electroencephalographic arousals in children. <i>Sleep</i> , 2004 , 27, 502-6	1.1	68
512	Effect of intermittent hypoxia on long-term potentiation in rat hippocampal slices. <i>Brain Research</i> , 2004 , 1029, 195-9	3.7	68
511	Leukotriene B4 receptor-1 mediates intermittent hypoxia-induced atherogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 124-31	10.2	67
510	Inflammatory pathways in children with insufficient or disordered sleep. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 465-74	2.8	66
509	Obstructive sleep apnea syndrome in children. <i>Expert Review of Respiratory Medicine</i> , 2011 , 5, 425-40	3.8	66
508	Diagnosis and management of restless legs syndrome in children. <i>Sleep Medicine Reviews</i> , 2009 , 13, 149-56.2	5.6	65
507	Chronic sleep fragmentation promotes obesity in young adult mice. <i>Obesity</i> , 2014 , 22, 758-62	8	63

506	Green tea catechin polyphenols attenuate behavioral and oxidative responses to intermittent hypoxia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 1135-41	10.2	63
505	Development of pediatric sleep questionnaires as diagnostic or epidemiological tools: a brief review of dos and don'ts. <i>Sleep Medicine Reviews</i> , 2011 , 15, 7-17	10.2	62
504	Adipokines in children with sleep disordered breathing. <i>Sleep</i> , 2007 , 30, 443-9	1.1	62
503	Determinants of aerobic and anaerobic exercise performance in cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 157, 1145-50	10.2	62
502	Sympathetic and catecholaminergic alterations in sleep apnea with particular emphasis on children. <i>Frontiers in Neurology</i> , 2012 , 3, 7	4.1	60
501	Developing Biomarker Arrays Predicting Sleep and Circadian-Coupled Risks to Health. <i>Sleep</i> , 2016 , 39, 727-36	1.1	59
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