

# Leila Kheirandish-Gozal

## List of Publications by Year in descending order

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Version: 2024-02-01

220  
papers

15,984  
citations

20817  
60  
h-index

19190  
118  
g-index

221  
all docs

221  
docs citations

221  
times ranked

12324  
citing authors

#	ARTICLE	IF	CITATIONS
1	National Sleep Foundation's sleep time duration recommendations: methodology and results summary. <i>Sleep Health</i> , 2015, 1, 40-43.	2.5	2,675
2	National Sleep Foundation's updated sleep duration recommendations: final report. <i>Sleep Health</i> , 2015, 1, 233-243.	2.5	1,327
3	Adenotonsillectomy Outcomes in Treatment of Obstructive Sleep Apnea in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 676-683.	5.6	640
4	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, 1142-1149.	5.6	347
5	Pediatric Obstructive Sleep Apnea: Complications, Management, and Long-term Outcomes. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 274-282.	3.5	341
6	Cardiovascular Morbidity in Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 369-375.	5.6	332
7	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, 188-193.	5.6	238
8	Intranasal Budesonide Treatment for Children With Mild Obstructive Sleep Apnea Syndrome. <i>Pediatrics</i> , 2008, 122, e149-e155.	2.1	232
9	Obstructive Sleep Apnea and Endothelial Function in School-Aged Nonobese Children. <i>Circulation</i> , 2007, 116, 2307-2314.	1.6	214
10	Obstructive Sleep Apnea in Children. <i>Chest</i> , 2009, 136, 137-144.	0.8	209
11	Obstructive Sleep Apnea and Inflammation: Proof of Concept Based on Two Illustrative Cytokines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 459.	4.1	190
12	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, 739-747.	5.6	188
13	Childhood Obstructive Sleep Apnea: One or Two Distinct Disease Entities?. <i>Sleep Medicine Clinics</i> , 2007, 2, 433-444.	2.6	184
14	Systemic inflammation in non-obese children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2008, 9, 254-259.	1.6	178
15	Cardiovascular Complications of Obstructive Sleep Apnea Syndrome: Evidence from Children. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 416-433.	3.1	172
16	Obstructive sleep apnea in children: a critical update. <i>Nature and Science of Sleep</i> , 2013, 5, 109.	2.7	162
17	Adenotonsillectomy Complications: A Meta-analysis. <i>Pediatrics</i> , 2015, 136, 702-718.	2.1	149
18	Neurocognitive and behavioral morbidity in children with sleep disorders. <i>Current Opinion in Pulmonary Medicine</i> , 2007, 13, 505-509.	2.6	143

#	ARTICLE	IF	CITATIONS
19	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.	2.6	139
20	Overnight Polysomnography versus Respiratory Polygraphy in the Diagnosis of Pediatric Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 255-260.	1.1	132
21	Reliability of Home Respiratory Polygraphy for the Diagnosis of Sleep Apnea in Children. <i>Chest</i> , 2015, 147, 1020-1028.	0.8	129
22	<i>ε</i> 4 allele, cognitive dysfunction, and obstructive sleep apnea in children. <i>Neurology</i> , 2007, 69, 243-249.	1.1	127
23	Obesity and obstructive sleep apnea syndrome in children: A tale of inflammatory cascades. <i>Pediatric Pulmonology</i> , 2011, 46, 313-323.	2.0	124
24	Algorithm for the diagnosis and treatment of pediatric OSA: A proposal of two pediatric sleep centers. <i>Sleep Medicine</i> , 2012, 13, 217-227.	1.6	124
25	Pediatric OSAS: Oximetry can provide answers when polysomnography is not available. <i>Sleep Medicine Reviews</i> , 2016, 27, 96-105.	8.5	121
26	Obesity and Excessive Daytime Sleepiness in Prepubertal Children With Obstructive Sleep Apnea. <i>Pediatrics</i> , 2009, 123, 13-18.	2.1	120
27	Sleep Measures and Morning Plasma TNF- $\alpha$ Levels in Children with Sleep-Disordered Breathing. <i>Sleep</i> , 2010, 33, 319-325.	1.1	118
28	Obstructive sleep apnea in poorly controlled asthmatic children: Effect of adenotonsillectomy. <i>Pediatric Pulmonology</i> , 2011, 46, 913-918.	2.0	113
29	Obstructive Sleep Apnea in Obese Community-Dwelling Children: The NANOS Study. <i>Sleep</i> , 2014, 37, 943-949.	1.1	113
30	Escalation of sleep disturbances amid the COVID-19 pandemic: a cross-sectional international study. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 45-53.	2.6	112
31	DNA Methylation in Inflammatory Genes among Children with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 330-338.	5.6	111
32	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-e1214.	2.1	109
33	Antiinflammatory Therapy Outcomes for Mild OSA in Children. <i>Chest</i> , 2014, 146, 88-95.	0.8	109
34	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.	5.6	109
35	Elevated Serum Aminotransferase Levels in Children at Risk for Obstructive Sleep Apnea. <i>Chest</i> , 2008, 133, 92-99.	0.8	108
36	Neurocognitive and Endothelial Dysfunction in Children With Obstructive Sleep Apnea. <i>Pediatrics</i> , 2010, 126, e1161-e1167.	2.1	108

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37	Two-Dimensional Differential In-Gel Electrophoresis Proteomic Approaches Reveal Urine Candidate Biomarkers in Pediatric Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1253-1261.	5.6	107
38	Biological plausibility linking sleep apnoea and metabolic dysfunction. Nature Reviews Endocrinology, 2016, 12, 290-298.	9.6	107
39	Endothelial Dysfunction in Children Without Hypertension. Chest, 2012, 141, 682-691.	0.8	105
40	Increased Cellular Proliferation and Inflammatory Cytokines in Tonsils Derived From Children With Obstructive Sleep Apnea. Pediatric Research, 2009, 66, 423-428.	2.3	104
41	Endothelial Progenitor Cells and Vascular Dysfunction in Children with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 92-97.	5.6	104
42	Pediatric Home Sleep Apnea Testing. Chest, 2015, 148, 1382-1395.	0.8	97
43	Lipopolysaccharide-Binding Protein Plasma Levels in Children: Effects of Obstructive Sleep Apnea and Obesity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 656-663.	3.6	96
44	Leukotriene Pathways and In Vitro Adenotonsillar Cell Proliferation in Children With Obstructive Sleep Apnea. Chest, 2009, 135, 1142-1149.	0.8	95
45	Nocturnal Oximetry-based Evaluation of Habitually Snoring Children. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1591-1598.	5.6	95
46	TNF- $\alpha$ Gene Polymorphisms and Excessive Daytime Sleepiness in Pediatric Obstructive Sleep Apnea. Journal of Pediatrics, 2011, 158, 77-82.	1.8	90
47	High fat/refined carbohydrate diet enhances the susceptibility to spatial learning deficits in rats exposed to intermittent hypoxia. Brain Research, 2006, 1090, 190-196.	2.2	83
48	Diagnosis and management of restless legs syndrome in children. Sleep Medicine Reviews, 2009, 13, 149-156.	8.5	80
49	Inflammatory pathways in children with insufficient or disordered sleep. Respiratory Physiology and Neurobiology, 2011, 178, 465-474.	1.6	75
50	Endothelial Dysfunction in Children With Obstructive Sleep Apnea Is Associated With Epigenetic Changes in the eNOS Gene. Chest, 2013, 143, 971-977.	0.8	75
51	Craniofacial syndromes and sleep-related breathing disorders. Sleep Medicine Reviews, 2016, 27, 74-88.	8.5	75
52	Montelukast for Children with Obstructive Sleep Apnea: Results of a Double-blind Randomized Placebo-controlled Trial. Annals of the American Thoracic Society, 2016, 13, 1736-1741.	3.2	74
53	Sympathetic and Catecholaminergic Alterations in Sleep Apnea with Particular Emphasis on Children. Frontiers in Neurology, 2012, 3, 7.	2.4	72
54	Adipokines in Children With Sleep Disordered Breathing. Sleep, 2007, 30, 443-449.	1.1	70

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55	New approaches to the diagnosis of sleep-disordered breathing in children. <i>Sleep Medicine</i> , 2010, 11, 708-713.	1.6	68
56	Autonomic alterations and endothelial dysfunction in pediatric obstructive sleep apnea. <i>Sleep Medicine</i> , 2010, 11, 714-720.	1.6	68
57	Genome-wide gene expression profiling in children with non-obese obstructive sleep apnea. <i>Sleep Medicine</i> , 2009, 10, 75-86.	1.6	67
58	Circulating microRNAs as Potential Biomarkers of Endothelial Dysfunction in Obese Children. <i>Chest</i> , 2016, 149, 786-800.	0.8	66
59	Reduced Regional Grey Matter Volumes in Pediatric Obstructive Sleep Apnea. <i>Scientific Reports</i> , 2017, 7, 44566.	3.3	66
60	Circulating Adropin Concentrations in Pediatric Obstructive Sleep Apnea: Potential Relevance to Endothelial Function. <i>Journal of Pediatrics</i> , 2013, 163, 1122-1126.	1.8	64
61	Effects of adenotonsillectomy on plasma inflammatory biomarkers in obese children with obstructive sleep apnea: A community-based study. <i>International Journal of Obesity</i> , 2015, 39, 1094-1100.	3.4	63
62	The multiple challenges of obstructive sleep apnea in children: morbidity and treatment. <i>Current Opinion in Pediatrics</i> , 2008, 20, 654-658.	2.0	62
63	Obesity and Altered Sleep: A Pathway to Metabolic Derangements in Children?. <i>Seminars in Pediatric Neurology</i> , 2015, 22, 77-85.	2.0	62
64	Neurotrophins and Tonsillar Hypertrophy in Children With Obstructive Sleep Apnea. <i>Pediatric Research</i> , 2007, 62, 489-494.	2.3	61
65	Reduced NREM Sleep Instability in Children with Sleep Disordered Breathing. <i>Sleep</i> , 2007, 30, 450-457.	1.1	61
66	Pediatric OSA Syndrome—Morbidity Biomarkers. <i>Chest</i> , 2017, 151, 500-506.	0.8	61
67	Prevalence of epileptiform activity in healthy children during sleep. <i>Sleep Medicine</i> , 2008, 9, 303-309.	1.6	60
68	Corticosteroids suppress in vitro tonsillar proliferation in children with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2009, 33, 1077-1084.	6.7	59
69	Dietary and Physical Activity Patterns in Children with Obstructive Sleep Apnea. <i>Journal of Pediatrics</i> , 2010, 156, 724-730.e3.	1.8	59
70	Myeloid-related protein 8/14 levels in children with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2010, 35, 843-850.	6.7	58
71	Obstructive sleep apnoea is associated with impaired pictorial memory task acquisition and retention in children. <i>European Respiratory Journal</i> , 2010, 36, 164-169.	6.7	58
72	Inflammatory Markers and Obstructive Sleep Apnea in Obese Children: The NANOS Study. <i>Mediators of Inflammation</i> , 2014, 2014, 1-9.	3.0	57

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73	Cognitive Function in Prepubertal Children with Obstructive Sleep Apnea: A Modifying Role for NADPH Oxidase p22 Subunit Gene Polymorphisms?. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 171-177.	5.4	56
74	Plasma C-reactive protein in nonobese children with obstructive sleep apnea before and after adenotonsillectomy. <i>Journal of Clinical Sleep Medicine</i> , 2006, 2, 301-4.	2.6	56
75	Frequency of snoring, rather than apnea—hypopnea index, predicts both cognitive and behavioral problems in young children. <i>Sleep Medicine</i> , 2017, 34, 170-178.	1.6	55
76	Preliminary Functional MRI Neural Correlates of Executive Functioning and Empathy in Children with Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 587-592.	1.1	54
77	Childhood obesity and sleep: relatives, partners, or both?—a critical perspective on the evidence. <i>Annals of the New York Academy of Sciences</i> , 2012, 1264, 135-141.	3.8	53
78	Impact of obstructive sleep apnoea on insulin resistance in nonobese and obese children. <i>European Respiratory Journal</i> , 2016, 47, 1152-1161.	6.7	52
79	Treatment of Obstructive Sleep Apnea in Children: Handling the Unknown with Precision. <i>Journal of Clinical Medicine</i> , 2020, 9, 888.	2.4	52
80	Genotype—phenotype interactions in pediatric obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 338-343.	1.6	51
81	Fatty-acid binding protein 4 gene polymorphisms and plasma levels in children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2011, 12, 666-671.	1.6	50
82	Sleep, Sleep Disorders, and Immune Function. , 2019, , 3-15.		50
83	Automated Screening of Children With Obstructive Sleep Apnea Using Nocturnal Oximetry: An Alternative to Respiratory Polygraphy in Unattended Settings. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 693-702.	2.6	50
84	Urinary Neurotransmitters Are Selectively Altered in Children With Obstructive Sleep Apnea and Predict Cognitive Morbidity. <i>Chest</i> , 2013, 143, 1576-1583.	0.8	49
85	Prevalence of recurrent otitis media in habitually snoring school-aged children. <i>Sleep Medicine</i> , 2008, 9, 549-554.	1.6	48
86	C-reactive protein and obstructive sleep apnea syndrome in children. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 2410-2422.	1.8	48
87	Endothelial dysfunction in obese non-hypertensive children without evidence of sleep disordered breathing. <i>BMC Pediatrics</i> , 2010, 10, 8.	1.7	47
88	Circulating Microparticles in Children With Sleep Disordered Breathing. <i>Chest</i> , 2011, 140, 408-417.	0.8	47
89	Nocturnal body position in sleeping children with and without obstructive sleep apnea. <i>Pediatric Pulmonology</i> , 2007, 42, 374-379.	2.0	46
90	Plasma IGF-1 levels and cognitive dysfunction in children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2009, 10, 167-173.	1.6	46

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91	Alterations in Circulating T-Cell Lymphocyte Populations in Children with Obstructive Sleep Apnea. Sleep, 2013, 36, 913-922.	1.1	45
92	Variants in C-reactive protein and IL-6 genes and susceptibility to obstructive sleep apnea in children: a candidate-gene association study in European American and Southeast European populations. Sleep Medicine, 2014, 15, 228-235.	1.6	45
93	Leukocyte Telomere Length and Plasma Catestatin and Myeloid-Related Protein 8/14 Concentrations in Children With Obstructive Sleep Apnea. Chest, 2010, 138, 91-99.	0.8	44
94	Obstructive sleep apnea in children is associated with severity-dependent deterioration in overnight endothelial function. Sleep Medicine, 2013, 14, 526-531.	1.6	44
95	Chemoreceptors, baroreceptors, and autonomic deregulation in children with obstructive sleep apnea. Respiratory Physiology and Neurobiology, 2013, 185, 177-185.	1.6	44
96	Impact of sleep disordered breathing on behaviour among elementary school-aged children: a cross-sectional analysis of a large community-based sample. European Respiratory Journal, 2016, 48, 1631-1639.	6.7	44
97	Effects of the COVID-19 lockdown on sleep duration in children and adolescents: A survey across different continents. Pediatric Pulmonology, 2021, 56, 2265-2273.	2.0	44
98	The multiple challenges of obstructive sleep apnea in children: diagnosis. Current Opinion in Pediatrics, 2008, 20, 650-653.	2.0	42
99	Circulating exosomes in obstructive sleep apnea as phenotypic biomarkers and mechanistic messengers of end-organ morbidity. Respiratory Physiology and Neurobiology, 2018, 256, 143-156.	1.6	42
100	Vitamin D levels and obstructive sleep apnoea in children. Sleep Medicine, 2014, 15, 459-463.	1.6	41
101	Treatment outcomes of obstructive sleep apnoea in obese community-dwelling children: the NANOS study. European Respiratory Journal, 2015, 46, 717-727.	6.7	38
102	Exosome and Macrophage Crosstalk in Sleep-Disordered Breathing-Induced Metabolic Dysfunction. International Journal of Molecular Sciences, 2018, 19, 3383.	4.1	38
103	Altered Regional Brain Cortical Thickness in Pediatric Obstructive Sleep Apnea. Frontiers in Neurology, 2018, 9, 4.	2.4	38
104	Pediatric obstructive sleep apnea: A potential late consequence of respiratory syncytial virus bronchiolitis. Pediatric Pulmonology, 2009, 44, 1186-1191.	2.0	37
105	Transcriptomic Analysis Identifies Phosphatases as Novel Targets for Adenotonsillar Hypertrophy of Pediatric Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1114-1120.	5.6	37
106	Adherence to reduced-polluting biomass fuel stoves improves respiratory and sleep symptoms in children. BMC Pediatrics, 2014, 14, 12.	1.7	37
107	Impact of Adenotonsillectomy on Insulin Resistance and Lipoprotein Profile in Nonobese and Obese Children. Chest, 2016, 149, 999-1010.	0.8	37
108	Utility of bispectrum in the screening of pediatric sleep apnea-hypopnea syndrome using oximetry recordings. Computer Methods and Programs in Biomedicine, 2018, 156, 141-149.	4.7	37

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109	A Convolutional Neural Network Architecture to Enhance Oximetry Ability to Diagnose Pediatric Obstructive Sleep Apnea. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2906-2916.	6.3	37
110	Hemoglobinopathies and sleep – The road less traveled. Sleep Medicine Reviews, 2015, 24, 57-70.	8.5	36
111	C-reactive Protein as a Potential Biomarker of Residual Obstructive Sleep Apnea Following Adenotonsillectomy in Children. Sleep, 2016, 39, 283-291.	1.1	36
112	Fatty-acid binding protein 4 gene variants and childhood obesity: potential implications for insulin sensitivity and CRP levels. Lipids in Health and Disease, 2010, 9, 18.	3.0	34
113	TREM-1 and Pentraxin-3 Plasma Levels and Their Association with Obstructive Sleep Apnea, Obesity, and Endothelial Function in Children. Sleep, 2013, 36, 923-931.	1.1	34
114	Neighbourhood air quality and snoring in school-aged children. European Respiratory Journal, 2014, 43, 824-832.	6.7	34
115	Sleep-disordered breathing, circulating exosomes, and insulin sensitivity in adipocytes. International Journal of Obesity, 2018, 42, 1127-1139.	3.4	34
116	Monocarboxylate Transporter 2 and Stroke Severity in a Rodent Model of Sleep Apnea. Journal of Neuroscience, 2011, 31, 10241-10248.	3.6	33
117	Cloud algorithm-driven oximetry-based diagnosis of obstructive sleep apnoea in symptomatic habitually snoring children. European Respiratory Journal, 2019, 53, 1801788.	6.7	33
118	Plasma exosomes in OSA patients promote endothelial senescence: effect of long-term adherent continuous positive airway pressure. Sleep, 2020, 43, .	1.1	33
119	Peripheral Blood Leukocyte Gene Expression Patterns and Metabolic Parameters in Habitually Snoring and Non-Snoring Children with Normal Polysomnographic Findings. Sleep, 2011, 34, 153-160.	1.1	32
120	Effect of reductions in biomass fuel exposure on symptoms of sleep apnea in children living in the peruvian andes: A preliminary field study. Pediatric Pulmonology, 2013, 48, 996-999.	2.0	32
121	A mixed cell culture model for assessment of proliferation in tonsillar tissues from children with obstructive sleep apnea or recurrent tonsillitis. Laryngoscope, 2009, 119, 1005-1010.	2.0	30
122	Novel pharmacological approaches for treatment of obstructive sleep apnea in children. Expert Opinion on Investigational Drugs, 2013, 22, 71-85.	4.1	30
123	Home sleep testing for the diagnosis of pediatric obstructive sleep apnea. Current Opinion in Pulmonary Medicine, 2015, 21, 563-568.	2.6	30
124	Update in Sleep Medicine 2014. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 415-420.	5.6	28
125	Endothelial Dysfunction in Children With Obstructive Sleep Apnea Is Associated With Elevated Lipoprotein-Associated Phospholipase A2 Plasma Activity Levels. Journal of the American Heart Association, 2017, 6, .	3.7	28
126	Metabolic biomarkers in community obese children: effect of obstructive sleep apnea and its treatment. Sleep Medicine, 2017, 37, 1-9.	1.6	28

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127	Gender dimorphism in pediatric OSA: Is it for real?. Respiratory Physiology and Neurobiology, 2017, 245, 83-88.	1.6	28
128	Insulin Sensitivity, Serum Lipids, and Systemic Inflammatory Markers in School-Aged Obese and Nonobese Children. International Journal of Pediatrics (United Kingdom), 2010, 2010, 1-6.	0.8	27
129	Contextualised urinary biomarker analysis facilitates diagnosis of paediatric obstructive sleep apnoea. Sleep Medicine, 2014, 15, 541-549.	1.6	27
130	Exosomal Cargo Properties, Endothelial Function and Treatment of Obesity Hypoventilation Syndrome: A Proof of Concept Study. Journal of Clinical Sleep Medicine, 2018, 14, 797-807.	2.6	27
131	Biomarkers of Alzheimer Disease in Children with Obstructive Sleep Apnea: Effect of Adenotonsillectomy. Sleep, 2016, 39, 1225-1232.	1.1	26
132	Polymorphisms in nitric oxide synthase and endothelin genes among children with obstructive sleep apnea. BMC Medical Genomics, 2013, 6, 29.	1.5	23
133	The promise of translational and personalised approaches for paediatric obstructive sleep apnoea: an "Omics" perspective. Thorax, 2014, 69, 474-480.	5.6	23
134	Circulating Exosomal miRNAs Signal Circadian Misalignment to Peripheral Metabolic Tissues. International Journal of Molecular Sciences, 2020, 21, 6396.	4.1	23
135	Inefficient or Insufficient Encoding as Potential Primary Deficit in Neurodevelopmental Performance Among Children With OSA. Developmental Neuropsychology, 2009, 34, 601-614.	1.4	22
136	Detrended fluctuation analysis of the oximetry signal to assist in paediatric sleep apnoea-hypopnoea syndrome diagnosis. Physiological Measurement, 2018, 39, 114006.	2.1	22
137	Assessment of Airflow and Oximetry Signals to Detect Pediatric Sleep Apnea-Hypopnea Syndrome Using AdaBoost. Entropy, 2020, 22, 670.	2.2	22
138	Reliability of machine learning to diagnose pediatric obstructive sleep apnea: Systematic review and meta-analysis. Pediatric Pulmonology, 2022, 57, 1931-1943.	2.0	22
139	Use of the sleep clinical record in the follow-up of children with obstructive sleep apnea (OSA) after treatment. Sleep and Breathing, 2016, 20, 321-329.	1.7	21
140	Obstructive sleep apnea in children: update on the recognition, treatment and management of persistent disease. Expert Review of Respiratory Medicine, 2016, 10, 431-439.	2.5	21
141	Wavelet analysis of oximetry recordings to assist in the automated detection of moderate-to-severe pediatric sleep apnea-hypopnea syndrome. PLoS ONE, 2018, 13, e0208502.	2.5	21
142	Sleep apnea in children - Treatment considerations. Paediatric Respiratory Reviews, 2006, 7, S58-S61.	1.8	20
143	Assessment of oximetry-based statistical classifiers as simplified screening tools in the management of childhood obstructive sleep apnea. Sleep and Breathing, 2018, 22, 1063-1073.	1.7	20
144	Regional brain tissue integrity in pediatric obstructive sleep apnea. Neuroscience Letters, 2018, 682, 118-123.	2.1	20

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145	Macrophage migration inhibitory factor gene polymorphisms and plasma levels in children with obstructive sleep apnea. <i>Pediatric Pulmonology</i> , 2012, 47, 1001-1011.	2.0	19
146	T Regulatory Lymphocytes and Endothelial Function in Pediatric Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2013, 8, e69710.	2.5	19
147	Plasma Exosomes Disrupt the Bloodâ€‘Brain Barrier in Children with Obstructive Sleep Apnea and Neurocognitive Deficits. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1073-1076.	5.6	19
148	What is "abnormal" in pediatric sleep?. <i>Respiratory Care</i> , 2010, 55, 1366-74; discussion 1374-6.	1.6	19
149	Nitric oxide production by monocytes in children with OSA and endothelial dysfunction. <i>Clinical Science</i> , 2014, 127, 323-330.	4.3	18
150	Plasma Extracellular Vesicles in Children with OSA Disrupt Bloodâ€‘Brain Barrier Integrity and Endothelial Cell Wound Healing In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6233.	4.1	18
151	Allergies and Disease Severity in Childhood Narcolepsy: Preliminary Findings. <i>Sleep</i> , 2015, 38, 1981-1984.	1.1	17
152	Plasma Exosomes and Improvements in Endothelial Function by Angiotensin 2 Type 1 Receptor or Cyclooxygenase 2 Blockade following Intermittent Hypoxia. <i>Frontiers in Neurology</i> , 2017, 8, 709.	2.4	17
153	Usefulness of recurrence plots from airflow recordings to aid in paediatric sleep apnoea diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105083.	4.7	17
154	Wavelet Analysis of Overnight Airflow to Detect Obstructive Sleep Apnea in Children. <i>Sensors</i> , 2021, 21, 1491.	3.8	17
155	Obesity, Asthma, and Sleep-Disordered Breathing. <i>Journal of Pediatrics</i> , 2012, 160, 713-714.	1.8	16
156	Genetic variance in Nitric Oxide Synthase and Endothelin Genes among children with and without Endothelial Dysfunction. <i>Journal of Translational Medicine</i> , 2013, 11, 227.	4.4	16
157	Bispectral analysis of overnight airflow to improve the pediatric sleep apnea diagnosis. <i>Computers in Biology and Medicine</i> , 2021, 129, 104167.	7.0	16
158	Obstructive Sleep Apnea and Obesity are Associated With Reduced GPR 120 Plasma Levels in Children. <i>Sleep</i> , 2014, 37, 935-941.	1.1	15
159	Evaluation of circulating markers of hepatic apoptosis and inflammation in obese children with and without obstructive sleep apnea. <i>Sleep Medicine</i> , 2015, 16, 1031-1035.	1.6	15
160	Reduced sleep spindle activity in children with primary snoring. <i>Sleep Medicine</i> , 2020, 65, 142-146.	1.6	15
161	Heart rate variability spectrum characteristics in children with sleep apnea. <i>Pediatric Research</i> , 2021, 89, 1771-1779.	2.3	15
162	Uric acid excretion in North American and Southeast European children with obstructive sleep apnea. <i>Sleep Medicine</i> , 2010, 11, 489-493.	1.6	14

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163	Parent-Reported Behavioral and Psychiatric Problems Mediate the Relationship between Sleep-Disordered Breathing and Cognitive Deficits in School-Aged Children. <i>Frontiers in Neurology</i> , 2017, 8, 410.	2.4	14
164	Ensemble-learning regression to estimate sleep apnea severity using at-home oximetry in adults. <i>Applied Soft Computing Journal</i> , 2021, 111, 107827.	7.2	14
165	Bispectral Analysis of Heart Rate Variability to Characterize and Help Diagnose Pediatric Sleep Apnea. <i>Entropy</i> , 2021, 23, 1016.	2.2	13
166	A 2D convolutional neural network to detect sleep apnea in children using airflow and oximetry. <i>Computers in Biology and Medicine</i> , 2022, 147, 105784.	7.0	13
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