

Joanna E Maclean

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,533
citations

304368

22
h-index

205818

48
g-index

81
all docs

81
docs citations

81
times ranked

2798
citing authors

#	ARTICLE	IF	CITATIONS
1	Canadian 24-Hour Movement Guidelines for the Early Years (0-4 years): An Integration of Physical Activity, Sedentary Behaviour, and Sleep. <i>BMC Public Health</i> , 2017, 17, 874.	1.2	382
2	Systematic review of the relationships between sleep duration and health indicators in the early years (0-4 years). <i>BMC Public Health</i> , 2017, 17, 855.	1.2	246
3	Genetics of autism: overview and new directions. <i>Journal of Autism and Developmental Disorders</i> , 1998, 28, 351-368.	1.7	212
4	Reliability and Accuracy of Differentiating Pervasive Developmental Disorder Subtypes. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1998, 37, 278-285.	0.3	170
5	The Familial Aggregation of the Lesser Variant in Biological and Nonbiological Relatives of PDD Probands: a Family History Study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2000, 41, 579-586.	3.1	134
6	Pregnancy and Birth Complications in Autism and Liability to the Broader Autism Phenotype. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2002, 41, 572-579.	0.3	85
7	The spectrum of sleep-disordered breathing symptoms and respiratory events in infants with cleft lip and/or palate. <i>Archives of Disease in Childhood</i> , 2012, 97, 1058-1063.	1.0	85
8	Familial Factors Influence Level of Functioning in Pervasive Developmental Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1999, 38, 746-753.	0.3	83
9	Longitudinal Decline in Lung Volume in a Population of Children with Sickle Cell Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 1055-1059.	2.5	78
10	Primary Intestinal and Thoracic Lymphangiectasia: A Response to Antiplasmin Therapy. <i>Pediatrics</i> , 2002, 109, 1177-1180.	1.0	68
11	Cleft lip and/or palate and breathing during sleep. <i>Sleep Medicine Reviews</i> , 2009, 13, 345-354.	3.8	63
12	Altered breathing mechanics and ventilatory response during exercise in children born extremely preterm. <i>Thorax</i> , 2016, 71, 1012-1019.	2.7	53
13	Long-term non-invasive ventilation therapies in children: A scoping review. <i>Sleep Medicine Reviews</i> , 2018, 37, 148-158.	3.8	49
14	Screening for Obstructive Sleep Apnea in Preschool Children with Cleft Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2009, 46, 117-123.	0.5	48
15	Longitudinal changes in clinical characteristics and outcomes for children using long-term non-invasive ventilation. <i>PLoS ONE</i> , 2018, 13, e0192111.	1.1	45
16	Developmental changes in sleep and breathing across infancy and childhood. <i>Paediatric Respiratory Reviews</i> , 2015, 16, 276-284.	1.2	44
17	High phenotypic correlations among siblings with autism and pervasive developmental disorders. , 1996, 67, 354-360.		41
18	A rational approach to home oxygen use in infants and children. <i>Paediatric Respiratory Reviews</i> , 2006, 7, 215-222.	1.2	39

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19	The identification of children with cleft palate and sleep disordered breathing using a referral system. <i>Pediatric Pulmonology</i> , 2008, 43, 245-250.	1.0	37
20	Impact of Sleep and Breathing in Infancy on Outcomes at Three Years of Age for Children with Cleft Lip and/or Palate. <i>Sleep</i> , 2014, 37, 919-925.	0.6	36
21	Polysomnography for the diagnosis of sleep disordered breathing in children under 2 years of age. <i>Pediatric Pulmonology</i> , 2015, 50, 1346-1353.	1.0	34
22	Insulin Resistance and Hypertension in Obese Youth With Sleep-Disordered Breathing Treated With Positive Airway Pressure: A Prospective Multicenter Study. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 1039-1047.	1.4	34
23	ERS statement on paediatric long-term noninvasive respiratory support. <i>European Respiratory Journal</i> , 2022, 59, 2101404.	3.1	28
24	Ring chromosome 22 and autism: Report and review. , 2000, 90, 382-385.		26
25	Mask interfaces for home non-invasive ventilation in infants and children. <i>Paediatric Respiratory Reviews</i> , 2019, 32, 66-72.	1.2	25
26	Association between sleep apnea and low bone mass in adults: a systematic review and meta-analysis. <i>Osteoporosis International</i> , 2017, 28, 1835-1852.	1.3	24
27	Craniofacial morphology in pediatric patients with persistent obstructive sleep apnea with or without positive airway pressure therapy: A cross-sectional cephalometric comparison with controls. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 78-85.	0.8	23
28	Surgical Versus Nonsurgical Interventions to Relieve upper Airway Obstruction in Children with Pierre Robin Sequence. <i>Canadian Respiratory Journal</i> , 2015, 22, 171-175.	0.8	21
29	High functioning autism and Childhood Disintegrative Disorder in half brothers. <i>Journal of Autism and Developmental Disorders</i> , 2000, 30, 121-126.	1.7	20
30	Long-term Non-Invasive Ventilation in Infants: A Systematic Review and Meta-Analysis. <i>Frontiers in Pediatrics</i> , 2018, 6, 13.	0.9	20
31	High-resolution computed tomography (HRCT) should not be considered as a routine assessment method in cystic fibrosis lung disease. <i>Paediatric Respiratory Reviews</i> , 2006, 7, 197-201.	1.2	19
32	Objective measurements for upper airway obstruction in infants with Robin sequence: what are we measuring? A systematic review. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1717-1729.	1.4	15
33	Factors related to positive airway pressure therapy adherence in children with obesity and sleep-disordered breathing. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 733-741.	1.4	14
34	Cardiovascular changes in children with obstructive sleep apnea and obesity after treatment with noninvasive ventilation. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 2063-2071.	1.4	13
35	Outcomes of Long-Term Noninvasive Ventilation Use in Children with Neuromuscular Disease: Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2022, 19, 109-119.	1.5	13
36	A graphical method for comparing nocturnal oxygen saturation profiles in individuals and populations: Application to healthy infants and preterm neonates. <i>Pediatric Pulmonology</i> , 2018, 53, 645-655.	1.0	12

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37	Long-term non-invasive ventilation therapies in children: a scoping review protocol: Table 1. <i>BMJ Open</i> , 2015, 5, e008697.	0.8	11
38	The scope of sleep problems in Canadian children and adolescents with obesity. <i>Sleep Medicine</i> , 2018, 47, 44-50.	0.8	11
39	Neural crest-specific loss of <i>Bmp7</i> leads to midfacial hypoplasia, nasal airway obstruction and disordered breathing, modeling obstructive sleep apnea. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	11
40	Cystic fibrosis newborn screening does not delay the identification of cystic fibrosis in children with negative results. <i>Journal of Cystic Fibrosis</i> , 2011, 10, 333-337.	0.3	10
41	Assessing ventilatory control in infants at high risk of sleep disordered breathing: A study of infants with cleft lip and/or palate. <i>Pediatric Pulmonology</i> , 2013, 48, 265-273.	1.0	10
42	Comparison of Clinical Symptoms and Severity of Sleep Disordered Breathing in Children with and without Cleft Lip and/or Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 523-529.	0.5	10
43	Nocturnal enuresis in children is associated with differences in autonomic control. <i>Sleep</i> , 2019, 42, .	0.6	10
44	Full-night versus 4h evening polysomnography in children less than 2years of age. <i>Sleep Medicine</i> , 2013, 14, 177-182.	0.8	9
45	Long-Term Impact of Sleep-Disordered Breathing on Quality of Life in Children With Obesity. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 451-458.	1.4	9
46	Changes to a pediatric sleep disordered breathing clinic improve wait-times and clinic efficiency. <i>Pediatric Pulmonology</i> , 2016, 51, 1234-1241.	1.0	8
47	Developing an index for the orthodontic treatment need in paediatric patients with obstructive sleep apnoea: a protocol for a novel communication tool between physicians and orthodontists. <i>BMJ Open</i> , 2014, 4, e005680-e005680.	0.8	7
48	Electrophysiological correlates of hyperoxia during resting state EEG in awake human subjects. <i>Psychophysiology</i> , 2019, 56, e13401.	1.2	7
49	Understanding the Spectrum of Treatment Options for Infants With Pierre Robin Sequence and Airway Obstruction. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 373-374.	1.4	7
50	Comparison of airway pressures and expired gas washout for nasal high flow versus CPAP in child airway replicas. <i>Respiratory Research</i> , 2021, 22, 289.	1.4	7
51	Changes in Lung Function in Children with Sickle Cell Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 377-378.	2.5	6
52	Three-Dimensional Modeled Custom-made Noninvasive Positive Pressure Ventilation Masks in an Infant. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 950-950.	2.5	6
53	Sleep frequently asked questions: Question 1: What abnormalities do babies with cleft lip and/or palate have on polysomnography?. <i>Paediatric Respiratory Reviews</i> , 2018, 27, 44-47.	1.2	6
54	Long-term benefits in sleep, breathing and growth and changes in adherence and complications in children using noninvasive ventilation. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 2020, 4, 115-123.	0.2	6

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55	The Familial Aggregation of the Lesser Variant in Biological and Nonbiological Relatives of PDD Probands: a Family History Study. , 2000, 41, 579.		6
56	Montelukast potentially efficacious in children with non-severe obstructive sleep apnoea in the short term. Evidence-Based Medicine, 2013, 18, 173-174.	0.6	4
57	A simplified measurement of pulse wave velocity is not inferior to standard measurement in young adults and children. Blood Pressure Monitoring, 2016, 21, 192-195.	0.4	4
58	Predictors of longitudinal outcomes for children using long-term noninvasive ventilation. Pediatric Pulmonology, 2021, 56, 1173-1181.	1.0	4
59	Feasibility of three-dimensional facial imaging and printing for producing customised nasal masks for continuous positive airway pressure. ERJ Open Research, 2021, 7, 00632-2020.	1.1	4
60	Long-Term Non-invasive Ventilation in Children With Down Syndrome: A Systematic Review. Frontiers in Pediatrics, 2022, 10, .	0.9	4
61	Sleep in children and young adults with cystic fibrosis. Paediatric Respiratory Reviews, 2021, , .	1.2	3
62	Assessment and treatment of pediatric obstructive sleep apnea in Canada: history and current state of affairs. Sleep Medicine, 2019, 56, 23-28.	0.8	2
63	Blood pressure variability in children with obesity and sleep-disordered breathing following positive airway pressure treatment. Pediatric Research, 2022, 92, 810-815.	1.1	2
64	Case 2: Recurrent lower respiratory tract infections in a child with Down syndrome. Paediatrics and Child Health, 2014, 19, 19-21.	0.3	1
65	Cardiorespiratory pathogenesis of sickle cell disease in a mouse model. Scientific Reports, 2017, 7, 8665.	1.6	1
66	Use and outcomes of long-term noninvasive ventilation for infants. Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, 2018, 2, 205-212.	0.2	1
67	Transfer from pediatric to adult healthcare services for home mechanical ventilation users. Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, 2020, , 1-7.	0.2	1
68	COVID-19 changed times shaping the future. Paediatric Respiratory Reviews, 2020, 35, 1-2.	1.2	1
69	Sleep Outcomes in Neonates with Pierre Robin Sequence Undergoing External Mandibular Distraction: A Longitudinal Analysis. Plastic and Reconstructive Surgery, 2021, 148, 501e-502e.	0.7	1
70	Ring chromosome 22 and autism: Report and review. , 2000, 90, 382.		1
71	Fitness to fly in an infant with congenital lobar emphysema. Aviation, Space, and Environmental Medicine, 2005, 76, 989-91.	0.6	1
72	Feasibility of split night polysomnography in children to diagnose and treat sleep related breathing disorders. Sleep Medicine, 2022, 96, 107-112.	0.8	1

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73	Family matters: A twelve-year-old male with respiratory symptoms, cachexia and clubbing. Journal of Paediatrics and Child Health, 2006, 42, 739-742.	0.4	0
74	Longitudinal Neuro-Cognitive Follow-Up Of Infants At High Risk Of Sleep Disordered Breathing. , 2011, , .		0
75	Case 3: Change in personality and daytime sleepiness in a seven-year-old boy. Paediatrics and Child Health, 2016, 21, 71-72.	0.3	0
76	0756 Use of Split-Night Polysomnography in Children with Sleep Disordered Breathing. Sleep, 2018, 41, A281-A281.	0.6	0
77	American Thoracic Society 2019 Pediatric Core Curriculum. Pediatric Pulmonology, 2019, 54, 1880-1894.	1.0	0
78	Laryngomalacia in infancy improves with increasing age irrespective of treatment. Journal of Clinical Sleep Medicine, 2021, 17, 619-620.	1.4	0
79	Expiratory activity during sleep in children. Journal of Sleep Research, 2021, , e13539.	1.7	0