

Padmaja Subbarao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7369359/padmaja-subbarao-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

7,095
citations

46
h-index

82
g-index

197
ext. papers

9,346
ext. citations

6.1
avg, IF

5.65
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 157 | Early infancy microbial and metabolic alterations affect risk of childhood asthma. <i>Science Translational Medicine</i> , 2015 , 7, 307ra152 | 17.5 | 893 |
| 156 | Consensus statement for inert gas washout measurement using multiple- and single- breath tests. <i>European Respiratory Journal</i> , 2013 , 41, 507-22 | 13.6 | 449 |
| 155 | Impact of maternal intrapartum antibiotics, method of birth and breastfeeding on gut microbiota during the first year of life: a prospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 983-93 | 3.7 | 328 |
| 154 | Asthma: epidemiology, etiology and risk factors. <i>Cmaj</i> , 2009 , 181, E181-90 | 3.5 | 277 |
| 153 | Infant gut microbiota and food sensitization: associations in the first year of life. <i>Clinical and Experimental Allergy</i> , 2015 , 45, 632-43 | 4.1 | 237 |
| 152 | Composition and Variation of the Human Milk Microbiota Are Influenced by Maternal and Early-Life Factors. <i>Cell Host and Microbe</i> , 2019 , 25, 324-335.e4 | 23.4 | 214 |
| 151 | Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55, | 13.6 | 185 |
| 150 | Hypertonic saline improves the LCI in paediatric patients with CF with normal lung function. <i>Thorax</i> , 2010 , 65, 379-83 | 7.3 | 156 |
| 149 | The effect of dornase alfa on ventilation inhomogeneity in patients with cystic fibrosis. <i>European Respiratory Journal</i> , 2011 , 37, 806-12 | 13.6 | 147 |
| 148 | Roles of Birth Mode and Infant Gut Microbiota in Intergenerational Transmission of Overweight and Obesity From Mother to Offspring. <i>JAMA Pediatrics</i> , 2018 , 172, 368-377 | 8.3 | 144 |
| 147 | Exposure to household furry pets influences the gut microbiota of infant at 3-4 months following various birth scenarios. <i>Microbiome</i> , 2017 , 5, 40 | 16.6 | 126 |
| 146 | Association of Exposure to Formula in the Hospital and Subsequent Infant Feeding Practices With Gut Microbiota and Risk of Overweight in the First Year of Life. <i>JAMA Pediatrics</i> , 2018 , 172, e181161 | 8.3 | 121 |
| 145 | An official American Thoracic Society workshop report: optimal lung function tests for monitoring cystic fibrosis, bronchopulmonary dysplasia, and recurrent wheezing in children less than 6 years of age. <i>Annals of the American Thoracic Society</i> , 2013 , 10, S1-S11 | 4.7 | 118 |
| 144 | Lung clearance index as an outcome measure for clinical trials in young children with cystic fibrosis. A pilot study using inhaled hypertonic saline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 456-60 | 10.2 | 118 |
| 143 | Human Milk Oligosaccharide Concentrations Are Associated with Multiple Fixed and Modifiable Maternal Characteristics, Environmental Factors, and Feeding Practices. <i>Journal of Nutrition</i> , 2018 , 148, 1733-1742 | 4.1 | 110 |
| 142 | Beta2-agonist tolerance and exercise-induced bronchospasm. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 1068-70 | 10.2 | 108 |
| 141 | The Canadian Healthy Infant Longitudinal Development (CHILD) Study: examining developmental origins of allergy and asthma. <i>Thorax</i> , 2015 , 70, 998-1000 | 7.3 | 105 |

| | | | |
|-----|--|------|----|
| 140 | Age and height dependence of lung clearance index and functional residual capacity. <i>European Respiratory Journal</i> , 2013 , 41, 1371-7 | 13.6 | 89 |
| 139 | Progression of Lung Disease in Preschool Patients with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1216-1225 | 10.2 | 88 |
| 138 | Screen-time is associated with inattention problems in preschoolers: Results from the CHILd birth cohort study. <i>PLoS ONE</i> , 2019 , 14, e0213995 | 3.7 | 82 |
| 137 | Clostridioides Difficile Colonization Is Differentially Associated with Gut Microbiota Composition in Breastfed versus Formula Fed Infants (OR01-02-19). <i>Current Developments in Nutrition</i> , 2019 , 3, | 0.4 | 78 |
| 136 | AllerGen [®] 8th research conference. <i>Allergy, Asthma and Clinical Immunology</i> , 2016 , 12, | 3.2 | 78 |
| 135 | Maternal Prenatal Supplement Intake, but Not Dietary Patterns, Is Associated With Human Milk Microbiota Composition in the CHILd Cohort Study. <i>Current Developments in Nutrition</i> , 2021 , 5, 1154-1154 | 0.4 | 78 |
| 134 | Human Milk Fatty Acid Composition Is Associated with Dietary, Genetic, Sociodemographic and Environmental Factors in the CHILd Cohort (P08-114-19). <i>Current Developments in Nutrition</i> , 2019 , 3, | 0.4 | 78 |
| 133 | Sputum eosinophils and the response of exercise-induced bronchoconstriction to corticosteroid in asthma. <i>Chest</i> , 2008 , 133, 404-11 | 5.3 | 76 |
| 132 | Predicting the atopic march: Results from the Canadian Healthy Infant Longitudinal Development Study. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 601-607.e8 | 11.5 | 76 |
| 131 | Association Between Artificially Sweetened Beverage Consumption During Pregnancy and Infant Body Mass Index. <i>JAMA Pediatrics</i> , 2016 , 170, 662-70 | 8.3 | 75 |
| 130 | Effect of ciclesonide dose and duration of therapy on exercise-induced bronchoconstriction in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1008-13 | 11.5 | 74 |
| 129 | Asymmetric dimethylarginine is increased in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 779-85 | 10.2 | 73 |
| 128 | Multiple breath nitrogen washout: a feasible alternative to mass spectrometry. <i>PLoS ONE</i> , 2013 , 8, e56868 | 9.7 | 72 |
| 127 | Infant Feeding and Weight Gain: Separating Breast Milk From Breastfeeding and Formula From Food. <i>Pediatrics</i> , 2018 , 142, | 7.4 | 70 |
| 126 | Modes of Infant Feeding and the Risk of Childhood Asthma: A Prospective Birth Cohort Study. <i>Journal of Pediatrics</i> , 2017 , 190, 192-199.e2 | 3.6 | 69 |
| 125 | Multiple-Breath Washout as a Lung Function Test in Cystic Fibrosis. A Cystic Fibrosis Foundation Workshop Report. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 932-9 | 4.7 | 66 |
| 124 | Fecal Short-Chain Fatty Acid Variations by Breastfeeding Status in Infants at 4 Months: Differences in Relative versus Absolute Concentrations. <i>Frontiers in Nutrition</i> , 2017 , 4, 11 | 6.2 | 65 |
| 123 | Ethnic and diet-related differences in the healthy infant microbiome. <i>Genome Medicine</i> , 2017 , 9, 32 | 14.4 | 63 |

| | | | |
|-----|--|------|----|
| 122 | Shifts in <i>Lachnospira</i> and <i>Clostridium</i> sp. in the 3-month stool microbiome are associated with preschool age asthma. <i>Clinical Science</i> , 2016 , 130, 2199-2207 | 6.5 | 60 |
| 121 | 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, 1055-9 | 10.2 | 58 |
| 120 | Preschool Multiple-Breath Washout Testing. An Official American Thoracic Society Technical Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, e1-e19 | 10.2 | 56 |
| 119 | Comparison of spirometric reference values. <i>Pediatric Pulmonology</i> , 2004 , 37, 515-22 | 3.5 | 55 |
| 118 | Decreasing antibiotic use, the gut microbiota, and asthma incidence in children: evidence from population-based and prospective cohort studies. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 1094-1105 | 35.1 | 51 |
| 117 | Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothers' Milk and the Infant Gut: the CHILD Cohort Study. <i>Cell Host and Microbe</i> , 2020 , 28, 285-297.e4 | 23.4 | 51 |
| 116 | Misdiagnosis of asthma in schoolchildren. <i>Pediatric Pulmonology</i> , 2017 , 52, 293-302 | 3.5 | 51 |
| 115 | Cesarean Section, Formula Feeding, and Infant Antibiotic Exposure: Separate and Combined Impacts on Gut Microbial Changes in Later Infancy. <i>Frontiers in Pediatrics</i> , 2017 , 5, 200 | 3.4 | 50 |
| 114 | Pilot study of safety and tolerability of inhaled hypertonic saline in infants with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2007 , 42, 471-6 | 3.5 | 48 |
| 113 | Reduced genetic potential for butyrate fermentation in the gut microbiome of infants who develop allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1638-1647.e3 | 11.5 | 46 |
| 112 | Correlation of Lung Clearance Index with Hyperpolarized Xe Magnetic Resonance Imaging in Pediatric Subjects with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1073-1075 | 10.2 | 43 |
| 111 | Human milk fatty acid composition is associated with dietary, genetic, sociodemographic, and environmental factors in the CHILD Cohort Study. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1370-1383 | 7.1 | 42 |
| 110 | Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. <i>Frontiers in Nutrition</i> , 2019 , 6, 58 | 6.2 | 42 |
| 109 | Lung clearance index in cystic fibrosis subjects treated for pulmonary exacerbations. <i>European Respiratory Journal</i> , 2015 , 46, 1055-64 | 13.6 | 41 |
| 108 | Perinatal Exposure to Traffic-Related Air Pollution and Atopy at 1 Year of Age in a Multi-Center Canadian Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2015 , 123, 902-8 | 8.4 | 39 |
| 107 | Breastfeeding, maternal asthma and wheezing in the first year of life: a longitudinal birth cohort study. <i>European Respiratory Journal</i> , 2017 , 49, | 13.6 | 37 |
| 106 | The Canadian Healthy Infant Longitudinal Development (CHILD) birth cohort study: assessment of environmental exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 580-92 | 6.7 | 36 |
| 105 | In vivo immune signatures of healthy human pregnancy: Inherently inflammatory or anti-inflammatory?. <i>PLoS ONE</i> , 2017 , 12, e0177813 | 3.7 | 35 |

| | | | |
|-----|--|------|----|
| 104 | The Canadian healthy infant longitudinal development birth cohort study: biological samples and biobanking. <i>Paediatric and Perinatal Epidemiology</i> , 2015 , 29, 84-92 | 2.7 | 34 |
| 103 | Epidemiology of asthma: risk factors for development. <i>Expert Review of Clinical Immunology</i> , 2009 , 5, 77-95 | 5.1 | 34 |
| 102 | Timing of food introduction and development of food sensitization in a prospective birth cohort. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 471-477 | 4.2 | 32 |
| 101 | Shorter sleep duration is associated with reduced cognitive development at two years of age. <i>Sleep Medicine</i> , 2018 , 48, 131-139 | 4.6 | 31 |
| 100 | Infant gut immunity: a preliminary study of IgA associations with breastfeeding. <i>Journal of Developmental Origins of Health and Disease</i> , 2016 , 7, 68-72 | 2.4 | 31 |
| 99 | Alternative outcomes for the multiple breath washout in children with CF. <i>Journal of Cystic Fibrosis</i> , 2015 , 14, 490-6 | 4.1 | 29 |
| 98 | Asymmetric dimethylarginine in chronic obstructive pulmonary disease (ADMA in COPD). <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6062-71 | 6.3 | 29 |
| 97 | Inhaled mannitol identifies methacholine-responsive children with active asthma. <i>Pediatric Pulmonology</i> , 2000 , 29, 291-8 | 3.5 | 29 |
| 96 | Associations between meeting the Canadian 24-Hour Movement Guidelines for the Early Years and behavioral and emotional problems among 3-year-olds. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 797-802 | 4.4 | 29 |
| 95 | Postnatal exposure to household disinfectants, infant gut microbiota and subsequent risk of overweight in children. <i>Cmaj</i> , 2018 , 190, E1097-E1107 | 3.5 | 29 |
| 94 | Airway Obstruction Worsens in Young Adults with Asthma Who Become Obese. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015 , 3, 765-71.e2 | 5.4 | 26 |
| 93 | Exclusive breastfeeding in hospital predicts longer breastfeeding duration in Canada: Implications for health equity. <i>Birth</i> , 2018 , 45, 440-449 | 3.1 | 23 |
| 92 | Maternal depressive symptoms linked to reduced fecal Immunoglobulin A concentrations in infants. <i>Brain, Behavior, and Immunity</i> , 2018 , 68, 123-131 | 16.6 | 23 |
| 91 | Residential green space and pathways to term birth weight in the Canadian Healthy Infant Longitudinal Development (CHILD) Study. <i>International Journal of Health Geographics</i> , 2018 , 17, 43 | 3.5 | 23 |
| 90 | Does the impact of a plant-based diet during pregnancy on birth weight differ by ethnicity? A dietary pattern analysis from a prospective Canadian birth cohort alliance. <i>BMJ Open</i> , 2017 , 7, e017753 | 3 | 20 |
| 89 | The effect of montelukast, budesonide alone, and in combination on exercise-induced bronchoconstriction. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 535-9.e3 | 11.5 | 18 |
| 88 | Protection by budesonide and fluticasone on allergen-induced airway responses after discontinuation of therapy. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 745-50 | 11.5 | 18 |
| 87 | High fecal IgA is associated with reduced <i>Clostridium difficile</i> colonization in infants. <i>Microbes and Infection</i> , 2016 , 18, 543-9 | 9.3 | 18 |

| | | | |
|----|---|------|----|
| 86 | Associations between concentrations of perfluoroalkyl substances in human plasma and maternal, infant, and home characteristics in Winnipeg, Canada. <i>Environmental Pollution</i> , 2019 , 249, 758-766 | 9.3 | 17 |
| 85 | A retrospective cross-sectional study of risk factors and clinical spectrum of children admitted to hospital with pandemic H1N1 influenza as compared to influenza A. <i>BMJ Open</i> , 2012 , 2, e000310 | 3 | 17 |
| 84 | Human milk fungi: environmental determinants and inter-kingdom associations with milk bacteria in the CHILD Cohort Study. <i>BMC Microbiology</i> , 2020 , 20, 146 | 4.5 | 16 |
| 83 | Epidemiology of Asthma and Influence of Ethnicity. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018 , 39, 3-11 | 3.9 | 16 |
| 82 | Harmonization of Food-Frequency Questionnaires and Dietary Pattern Analysis in 4 Ethnically Diverse Birth Cohorts. <i>Journal of Nutrition</i> , 2016 , 146, 2343-2350 | 4.1 | 16 |
| 81 | The Bidirectional Relationship Between Asthma and Obstructive Sleep Apnea: Which Came First?. <i>Journal of Pediatrics</i> , 2016 , 176, 10-6 | 3.6 | 15 |
| 80 | Sex-specific impact of asthma during pregnancy on infant gut microbiota. <i>European Respiratory Journal</i> , 2017 , 50, | 13.6 | 15 |
| 79 | Natural environments in the urban context and gut microbiota in infants. <i>Environment International</i> , 2020 , 142, 105881 | 12.9 | 14 |
| 78 | Cognitive Enhancement in Infants Associated with Increased Maternal Fruit Intake During Pregnancy: Results from a Birth Cohort Study with Validation in an Animal Model. <i>EBioMedicine</i> , 2016 , 8, 331-340 | 8.8 | 13 |
| 77 | Parent-Reported Symptoms of Sleep-Disordered Breathing Are Associated With Increased Behavioral Problems at 2 Years of Age: The Canadian Healthy Infant Longitudinal Development Birth Cohort Study. <i>Sleep</i> , 2018 , 41, | 1.1 | 12 |
| 76 | Bronchodilator responsiveness in wheezy infants and toddlers is not associated with asthma risk factors. <i>Pediatric Pulmonology</i> , 2012 , 47, 421-8 | 3.5 | 12 |
| 75 | Timing of Introduction, Sensitization, and Allergy to Highly Allergenic Foods at Age 3 Years in a General-Population Canadian Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 1665-175.e10 | 5.4 | 10 |
| 74 | Bacteroides-dominant gut microbiome of late infancy is associated with enhanced neurodevelopment. <i>Gut Microbes</i> , 2021 , 13, 1-17 | 8.8 | 12 |
| 73 | Association of use of cleaning products with respiratory health in a Canadian birth cohort. <i>Cmaj</i> , 2020 , 192, E154-E161 | 3.5 | 11 |
| 72 | Mining the infant gut microbiota for therapeutic targets against atopic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2065-2068 | 9.3 | 11 |
| 71 | Relevance of birth cohorts to assessment of asthma persistence. <i>Current Allergy and Asthma Reports</i> , 2012 , 12, 175-84 | 5.6 | 11 |
| 70 | Maternal consumption of artificially sweetened beverages during pregnancy is associated with infant gut microbiota and metabolic modifications and increased infant body mass index. <i>Gut Microbes</i> , 2021 , 13, 1-15 | 8.8 | 11 |
| 69 | Nonnutritive sweetener consumption during pregnancy, adiposity, and adipocyte differentiation in offspring: evidence from humans, mice, and cells. <i>International Journal of Obesity</i> , 2020 , 44, 2137-2148 | 5.5 | 10 |

| | | | |
|----|---|------|----|
| 68 | Phenotypes of sleep-disordered breathing symptoms to two years of age based on age of onset and duration of symptoms. <i>Sleep Medicine</i> , 2018 , 48, 93-100 | 4.6 | 10 |
| 67 | Beta2-agonists for asthma: the pediatric perspective. <i>Clinical Reviews in Allergy and Immunology</i> , 2006 , 31, 209-18 | 12.3 | 10 |
| 66 | Early life exposure to phthalates in the Canadian Healthy Infant Longitudinal Development (CHILD) study: a multi-city birth cohort. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020 , 30, 70-85 | 6.7 | 10 |
| 65 | Trajectories of Depressive Symptoms and Perceived Stress From Pregnancy to the Postnatal Period Among Canadian Women: Impact of Employment and Immigration. <i>American Journal of Public Health</i> , 2019 , 109, S197-S204 | 5.1 | 9 |
| 64 | Limitations of electronic compensation for measuring plethysmographic airway resistance in infants. <i>Pediatric Pulmonology</i> , 2005 , 40, 45-52 | 3.5 | 9 |
| 63 | Colonization Is Differentially Associated With Gut Microbiome Profiles by Infant Feeding Modality at 3-4 Months of Age. <i>Frontiers in Immunology</i> , 2019 , 10, 2866 | 8.4 | 9 |
| 62 | Maternal Metabolic Complications in Pregnancy and Offspring Behavior Problems at 2 Years of Age. <i>Maternal and Child Health Journal</i> , 2019 , 23, 746-755 | 2.4 | 8 |
| 61 | From Birth to Overweight and Atopic Disease: Multiple and Common Pathways of the Infant Gut Microbiome. <i>Gastroenterology</i> , 2021 , 160, 128-144.e10 | 13.3 | 8 |
| 60 | Lung clearance index is elevated in young children with symptom-controlled asthma. <i>Health Science Reports</i> , 2018 , 1, e58 | 2.2 | 8 |
| 59 | Asthma: moving toward a global children's charter. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 299-300 | 35.1 | 7 |
| 58 | Ventilation inhomogeneity in infants with recurrent wheezing. <i>Thorax</i> , 2018 , 73, 936-941 | 7.3 | 7 |
| 57 | Maternal psychological distress before birth influences gut immunity in mid-infancy. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 178-188 | 4.1 | 7 |
| 56 | Maternal Diet and the Serum Metabolome in Pregnancy: Robust Dietary Biomarkers Generalizable to a Multiethnic Birth Cohort. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa144 | 0.4 | 7 |
| 55 | The maternal serum metabolome by multisegment injection-capillary electrophoresis-mass spectrometry: a high-throughput platform and standardized data workflow for large-scale epidemiological studies. <i>Nature Protocols</i> , 2021 , 16, 1966-1994 | 18.8 | 7 |
| 54 | Prenatal exposure to traffic-related air pollution, the gestational epigenetic clock, and risk of early-life allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1729-1731.e5 | 11.5 | 6 |
| 53 | Clinical Applications of Pediatric Pulmonary Function Testing: Lung Function in Recurrent Wheezing and Asthma. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2011 , 24, 69-76 | 0.8 | 6 |
| 52 | Vitamin D supplementation in pregnancy and early infancy in relation to gut microbiota composition and colonization: implications for viral respiratory infections. <i>Gut Microbes</i> , 2020 , 12, 1799734 | 8.8 | 6 |
| 51 | A rich meconium metabolome in human infants is associated with early-life gut microbiota composition and reduced allergic sensitization. <i>Cell Reports Medicine</i> , 2021 , 2, 100260 | 18 | 6 |

| | | | |
|----|--|------|---|
| 50 | Early life exposure to phthalates and the development of childhood asthma among Canadian children. <i>Environmental Research</i> , 2021 , 197, 110981 | 7.9 | 6 |
| 49 | Changes in multiple breath washout measures after raised volume rapid thoracoabdominal compression maneuvers in infants. <i>Pediatric Pulmonology</i> , 2016 , 51, 183-8 | 3.5 | 6 |
| 48 | Diagnosing atopic dermatitis in infancy: Questionnaire reports vs criteria-based assessment. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 556-567 | 2.7 | 6 |
| 47 | Prenatal depression and birth mode sequentially mediate maternal education's influence on infant sleep duration. <i>Sleep Medicine</i> , 2019 , 59, 24-32 | 4.6 | 5 |
| 46 | Extract and component-specific sensitization patterns in Canadian moderate-to-severe preschool asthmatics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2519-2521 | 9.3 | 5 |
| 45 | The prevalence of asthma in Canadian children of South Asian descent. <i>Pediatric Pulmonology</i> , 2014 , 49, 43-8 | 3.5 | 5 |
| 44 | Ethnicity Associations With Food Sensitization Are Mediated by Gut Microbiota Development in the First Year of Life. <i>Gastroenterology</i> , 2021 , 161, 94-106 | 13.3 | 5 |
| 43 | Patterns of health care use related to respiratory conditions in early life: A birth cohort study with linked administrative data. <i>Pediatric Pulmonology</i> , 2019 , 54, 1267-1276 | 3.5 | 4 |
| 42 | Prevalence of Asthma and Allergies and Risk of Relapse in Childhood Nephrotic Syndrome: Insight into Nephrotic Syndrome Cohort. <i>Journal of Pediatrics</i> , 2019 , 208, 251-257.e1 | 3.6 | 4 |
| 41 | The burden of asthma among the South Asian and Chinese population residing in Ontario. <i>Canadian Respiratory Journal</i> , 2014 , 21, 346-350 | 2.1 | 4 |
| 40 | Changes in Lung Function in Children with Sickle Cell Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 377-378 | 10.2 | 4 |
| 39 | Increased Mask Use and Fewer Gatherings Associated with Lower SARS-CoV-2 Seropositivity Among Young School-Age Children. <i>SSRN Electronic Journal</i> , | 1 | 4 |
| 38 | Assessing secondhand and thirdhand tobacco smoke exposure in Canadian infants using questionnaires, biomarkers, and machine learning. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , | 6.7 | 4 |
| 37 | Modeling the conversion between specific IgE test platforms for nut allergens in children and adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 831-841 | 9.3 | 4 |
| 36 | Reference equations for the interpretation of forced expiratory and plethysmographic measurements in infants. <i>Pediatric Pulmonology</i> , 2018 , 53, 907-916 | 3.5 | 4 |
| 35 | The influence of maternal and infant nutrition on cardiometabolic traits: novel findings and future research directions from four Canadian birth cohort studies. <i>Proceedings of the Nutrition Society</i> , 2019 , 78, 351-361 | 2.9 | 3 |
| 34 | Persistent ventilation inhomogeneity after an acute exacerbation in preschool children with recurrent wheezing. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 608-615 | 4.2 | 3 |
| 33 | Risk for Maternal Depressive Symptoms and Perceived Stress by Ethnicities in Canada: From Pregnancy Through the Preschool Years. <i>Canadian Journal of Psychiatry</i> , 2019 , 64, 190-198 | 4.8 | 3 |

| | | | |
|----|--|------|---|
| 32 | A new exposure metric for traffic-related air pollution? An analysis of determinants of hopanes in settled indoor house dust. <i>Environmental Health</i> , 2013 , 12, 48 | 6 | 3 |
| 31 | Evaluating post-bronchodilator response in well-controlled paediatric severe asthma using hyperpolarised 129Xe-MRI: A pilot study. <i>Respiratory Medicine</i> , 2021 , 180, 106368 | 4.6 | 3 |
| 30 | Bacterial-fungal interactions in the neonatal gut influence asthma outcomes later in life. <i>ELife</i> , 2021 , 10, | 8.9 | 3 |
| 29 | Factors Associated with Persistence of Severe Asthma from Late Adolescence to Early Adulthood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , | 10.2 | 3 |
| 28 | Polygenic risk score for atopic dermatitis in the Canadian population. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 406-409 | 11.5 | 3 |
| 27 | Ethnic differences in maternal diet in pregnancy and infant eczema. <i>PLoS ONE</i> , 2020 , 15, e0232170 | 3.7 | 2 |
| 26 | Sex-specific association of human milk hormones and asthma in the CHILD cohort. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 570-573 | 4.2 | 2 |
| 25 | The Final Frontier: Preschool Asthma Severity-The Silent Years No More. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 550-552 | 4.7 | 2 |
| 24 | The early life gut microbiota and atopic disease. <i>Allergy, Asthma and Clinical Immunology</i> , 2014 , 10, | 3.2 | 2 |
| 23 | Reduced peanut sensitization with maternal peanut consumption and early peanut introduction while breastfeeding. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 12, 811-818 | 2.4 | 2 |
| 22 | Test for respiratory and asthma control in preschool kids in the emergency department as a predictor of wheezing exacerbations. <i>Pediatric Pulmonology</i> , 2020 , 55, 338-345 | 3.5 | 2 |
| 21 | Composition and Associations of the Infant Gut Fungal Microbiota with Environmental Factors and Childhood Allergic Outcomes. <i>MBio</i> , 2021 , 12, e0339620 | 7.8 | 2 |
| 20 | Vitamin C for Pregnant Smokers to Improve Infant Lung Function. An Orange a Day Keeps the Respiriologist Away?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1056-1057 | 10.2 | 2 |
| 19 | Development and Validation of SDBeas Score as a Predictor of Behavioral Outcomes in Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 718-725 | 10.2 | 2 |
| 18 | Association of wheeze with lung function decline in children with sickle cell disease. <i>European Respiratory Journal</i> , 2017 , 50, | 13.6 | 1 |
| 17 | Factors associated with breastfeeding initiation and continuation in Canadian-born and non-Canadian-born women: a multi-centre study. <i>Public Health Nutrition</i> , 2021 , 1-31 | 3.3 | 1 |
| 16 | Infant spirometry as a predictor of lung function at early childhood in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 937-940 | 4.1 | 1 |
| 15 | Cardiorespiratory Monitoring Data during Sleep in Healthy Canadian Infants. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 1238-1246 | 4.7 | 1 |

| | | | |
|----|--|-----|---|
| 14 | Sex-specific associations of human milk long-chain polyunsaturated fatty acids and infant allergic conditions. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1173-1182 | 4.2 | 1 |
| 13 | Age trends in direct medical costs of pediatric asthma: A population study. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1374-1377 | 4.2 | 1 |
| 12 | Early Life Exposure to Tris(2-butoxyethyl) Phosphate (TBOEP) Is Related to the Development of Childhood Asthma. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 531-537 | 11 | 1 |
| 11 | Prenatal egg consumption and infant sensitization and allergy to egg, peanut, and cow's milk in the CHILD Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2109-2112.e2 | 5.4 | 1 |
| 10 | Influence of Neighborhood Characteristics and Weather on Movement Behaviors at Age 3 and 5 Years in a Longitudinal Birth Cohort. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 571-579 | 2.5 | 0 |
| 9 | Breastfeeding in the First Days of Life Is Associated With Lower Blood Pressure at 3 Years of Age. <i>Journal of the American Heart Association</i> , 2021 , 10, e019067 | 6 | 0 |
| 8 | DNA methylation changes in cord blood and the developmental origins of health and disease - a systematic review and replication study.. <i>BMC Genomics</i> , 2022 , 23, 221 | 4.5 | 0 |
| 7 | Cord blood hemopoietic cell receptor expression is associated with early life atopic risk and lung function. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1762-1765 | 9.3 | |
| 6 | Identifying and Preventing the Progression of Asthma to Chronic Obstructive Pulmonary Disease 2018 , 179-190 | | |
| 5 | The chicken or the egg? Perhaps the egg. <i>Archives of Disease in Childhood</i> , 2008 , 93, 552-3 | 2.2 | |
| 4 | Heterogeneity in Severe Asthma. <i>Respiratory Medicine</i> , 2020 , 107-122 | 0.2 | |
| 3 | Early-life antibiotic exposure, the gut microbiome, and the risk of childhood asthma. <i>Environmental Epidemiology</i> , 2019 , 3, 351-352 | 0.2 | |
| 2 | World Health Organization growth standards: How do Canadian children measure up?. <i>Paediatrics and Child Health</i> , 2021 , 26, e208-e214 | 0.7 | |
| 1 | Adenotonsillectomy, bronchoscopy and bronchoalveolar lavage in the management of preschool children with severe asthma: pilot study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021 , 1 | 3.5 | |