

# Peter Sly

## List of Publications by Year in Descending Order

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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.

674  
papers

34,871  
citations

92  
h-index

160  
g-index

786  
ext. papers

40,936  
ext. citations

6.9  
avg, IF

7.12  
L-index

#	Paper	IF	Citations
674	Exposure to 4% SF during multiple breath washout affects subsequent infant tidal breathing analysis.. <i>Pediatric Pulmonology</i> , <b>2022</b> ,	3.5	
673	Access to highly specialized growth substrates and production of epithelial immunomodulatory metabolites determine survival of Haemophilus influenzae in human airway epithelial cells.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010209	7.6	0
672	Neutrophil respiratory burst activity is not exaggerated in cystic fibrosis.. <i>Journal of Cystic Fibrosis</i> , <b>2022</b> ,	4.1	1
671	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice.. <i>Respiratory Physiology and Neurobiology</i> , <b>2022</b> , 103846	2.8	0
670	Early life environmental factors associated with autism spectrum disorder symptoms in children at age 2 years: A birth cohort study.. <i>Autism</i> , <b>2022</b> , 13623613211068223	6.6	2
669	Health consequences of disinfection against SARS-CoV-2: Exploring oxidative stress damage using a biomonitoring approach.. <i>Science of the Total Environment</i> , <b>2022</b> , 814, 152832	10.2	1
668	A screening tool to identify risk for bronchiectasis progression in children with cystic fibrosis. <i>Pediatric Pulmonology</i> , <b>2022</b> , 57, 122-131	3.5	0
667	Exploring urinary biomarkers to assess oxidative DNA damage resulting from BTEX exposure in street children. <i>Environmental Research</i> , <b>2022</b> , 203, 111725	7.9	4
666	Bolus Versus Continuous Nasogastric Feeds for Infants With Bronchiolitis: A Randomized Trial.. <i>Hospital Pediatrics</i> , <b>2022</b> , 12, 1-10	2.5	1
665	Burden of asthma-like symptoms and a lack of recognition of asthma in Vietnamese children.. <i>Journal of Asthma</i> , <b>2022</b> , 1-9	1.9	
664	Determinants of rapid infant weight gain: A pooled analysis of seven cohorts.. <i>Pediatric Obesity</i> , <b>2022</b> , e12928	4.6	0
663	Rhinovirus bronchiolitis, maternal asthma, and the development of asthma and lung function impairments. <i>Pediatric Pulmonology</i> , <b>2021</b> , 56, 362-370	3.5	2
662	Climate impacts on air quality and child health and wellbeing: Implications for Oceania. <i>Journal of Paediatrics and Child Health</i> , <b>2021</b> , 57, 1805-1810	1.3	0
661	Maternal inflammatory and omega-3 fatty acid pathways mediate the association between socioeconomic disadvantage and childhood cognition.. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 100, 211-218	16.6	0
660	Prenatal exposure to mixtures of persistent environmental chemicals and fetal growth outcomes in Western Australia. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 240, 113899	6.9	0
659	Persistent Pseudomonas aeruginosa infection associated with non-invasive ventilation in a child with spinal muscular atrophy type 1. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 595-599	3.1	1
658	The intersect of genetics, environment, and microbiota in asthma-perspectives and challenges. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 781-793	11.5	12

657	Importance of accounting for sibling age when examining the association between family size and early childhood cognition, language and emotional behaviour: a birth cohort study. <i>BMJ Open</i> , <b>2021</b> , 11, e041984	3	1
656	Time to get serious about the detection and monitoring of early lung disease in cystic fibrosis. <i>Thorax</i> , <b>2021</b> , 76, 1255-1265	7.3	1
655	The association of fractional cover, foliage projective cover and biodiversity with birthweight. <i>Science of the Total Environment</i> , <b>2021</b> , 763, 143051	10.2	1
654	Environmental risk factors associated with respiratory diseases in children with socioeconomic disadvantage. <i>Heliyon</i> , <b>2021</b> , 7, e06820	3.6	1
653	Impact of prenatal and early life environmental exposures on normal human development. <i>Paediatric Respiratory Reviews</i> , <b>2021</b> , 40, 10-14	4.8	1
652	Effect of nusinersen on respiratory function in paediatric spinal muscular atrophy types 1-3. <i>Thorax</i> , <b>2021</b> ,	7.3	3
651	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , <b>2021</b> , 68, 103400	8.8	6
650	Adverse Environmental Exposure and Respiratory Health in Children. <i>Pediatric Clinics of North America</i> , <b>2021</b> , 68, 277-291	3.6	4
649	Cord blood group 2 innate lymphoid cells are associated with lung function at 6 weeks of age. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1296	6.8	1
648	Maternal asthma is associated with reduced lung function in male infants in a combined analysis of the BLT and BILD cohorts. <i>Thorax</i> , <b>2021</b> , 76, 996-1001	7.3	3
647	Epidemiology of respiratory syncytial virus in a community birth cohort of infants in the first 2 years of life. <i>European Journal of Pediatrics</i> , <b>2021</b> , 180, 2125-2135	4.1	3
646	The interplay between environmental exposures and COVID-19 risks in the health of children. <i>Environmental Health</i> , <b>2021</b> , 20, 34	6	5
645	Using the health beliefs model to explore children's attitudes and beliefs on air pollution. <i>Public Health</i> , <b>2021</b> , 196, 4-9	4	1
644	E-Waste in Africa: A Serious Threat to the Health of Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	5
643	Cord-blood respiratory syncytial virus antibodies and respiratory health in first 5 years of life. <i>Pediatric Pulmonology</i> , <b>2021</b> , 56, 3942-3951	3.5	2
642	Intrabreath oscillometry is a sensitive test for assessing disease control in adults with severe asthma. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2021</b> , 127, 372-377	3.2	3
641	The newborn metabolome: associations with gestational diabetes, sex, gestation, birth mode, and birth weight. <i>Pediatric Research</i> , <b>2021</b> ,	3.2	1
640	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 148, 669-678	11.5	3

639	Health consequences of exposure to e-waste: an updated systematic review.. <i>Lancet Planetary Health, The</i> , <b>2021</b> , 5, e905-e920	9.8	6
638	Family, neighborhood and psychosocial environmental factors and their associations with asthma in Australia: a systematic review and Meta-analysis.. <i>Journal of Asthma</i> , <b>2021</b> , 1-14	1.9	4
637	Exposure to adversity and inflammatory outcomes in mid and late childhood. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2020</b> , 9, 100146	5.1	2
636	Predictors with regard to ingestion, inhalation and dermal absorption of estimated phthalate daily intakes in pregnant women: The Barwon infant study. <i>Environment International</i> , <b>2020</b> , 139, 105700	12.9	11
635	Prenatal phthalate exposure, oxidative stress-related genetic vulnerability and early life neurodevelopment: A birth cohort study. <i>NeuroToxicology</i> , <b>2020</b> , 80, 20-28	4.4	11
634	Campylobacter infection and household factors are associated with childhood growth in urban Bangladesh: An analysis of the MAL-ED study. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008328	4.8	4
633	Prenatal exposure to VOCs and NOx and lung function in preschoolers. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 2142-2149	3.5	3
632	Bacterial colonization dynamics associated with respiratory syncytial virus during early childhood. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 1237-1245	3.5	7
631	A worldwide charter for all children with asthma. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 1282-1292	3.5	14
630	Maternal carriage of <i>Prevotella</i> during pregnancy associates with protection against food allergy in the offspring. <i>Nature Communications</i> , <b>2020</b> , 11, 1452	17.4	35
629	Green space and early childhood development: a systematic review. <i>Reviews on Environmental Health</i> , <b>2020</b> , 35, 189-200	3.8	23
628	A future for the world's children? A WHO-UNICEF-Lancet Commission. <i>Lancet, The</i> , <b>2020</b> , 395, 605-658	40	260
627	Gut microbiota composition during infancy and subsequent behavioural outcomes. <i>EBioMedicine</i> , <b>2020</b> , 52, 102640	8.8	23
626	Genetic susceptibility to asthma increases the vulnerability to indoor air pollution. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	8
625	Early markers of cystic fibrosis structural lung disease: follow-up of the ACFBAL cohort. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	4
624	Maternal asthma, breastfeeding, and respiratory outcomes in the first year of life. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 1690-1696	3.5	8
623	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. <i>Environment International</i> , <b>2020</b> , 139, 105731	12.9	25
622	Analysis of phylogenetic diversity and adherence characteristics of respiratory syncytial virus and clinical isolates obtained during pediatric respiratory co-infections. <i>Microbiology (United Kingdom)</i> , <b>2020</b> , 166, 63-72	2.9	2

621	Anti-inflammatory effects of lenabasum, a cannabinoid receptor type 2 agonist, on macrophages from cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2020</b> , 19, 823-829	4.1	7
620	Systems biology and big data in asthma and allergy: recent discoveries and emerging challenges. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	11
619	Polysomnography findings in pediatric spinal muscular atrophy types 1-3. <i>Sleep Medicine</i> , <b>2020</b> , 68, 124-130	13.0	6
618	Environmental chronic exposure to metals and effects on attention and executive function in the general population. <i>Science of the Total Environment</i> , <b>2020</b> , 705, 135911	10.2	23
617	Limited Assessment of Respiratory Muscle Response to Nusinersen Treatment in Infants with Spinal Muscular Atrophy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 624	10.2	
616	Reply to Turnbull and to Hulme. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 750-752	10.2	1
615	Infections and Progression of Structural Lung Disease in Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 688-696	10.2	20
614	Pre-school child blood lead levels in a population-derived Australian birth cohort: the Barwon Infant Study. <i>Medical Journal of Australia</i> , <b>2020</b> , 212, 169-174	4	2
613	Deserters on the atopic march: Risk factors, immune profile and clinical outcomes of food sensitized-tolerant infants. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 1404-1413	9.3	3
612	Performance of variable and function selection methods for estimating the nonlinear health effects of correlated chemical mixtures: A simulation study. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 3947-3967	2.3	5
611	Pediatric lung function testing during a pandemic: An international perspective. <i>Paediatric Respiratory Reviews</i> , <b>2020</b> , 36, 106-108	4.8	6
610	Determinants of placental leptin receptor gene expression and association with measures at birth. <i>Placenta</i> , <b>2020</b> , 100, 89-95	3.4	5
609	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008651	7.6	18
608	BAL Inflammatory Markers Can Predict Pulmonary Exacerbations in Children With Cystic Fibrosis. <i>Chest</i> , <b>2020</b> , 158, 2314-2322	5.3	4
607	Association of maternal and social characteristics with age-standardised birthweight. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , <b>2020</b> , 1	1.4	1
606	Neonatal genetics of gene expression reveal potential origins of autoimmune and allergic disease risk. <i>Nature Communications</i> , <b>2020</b> , 11, 3761	17.4	8
605	Harmonizing analytical chemistry and clinical epidemiology for human biomonitoring studies. A case-study of plastic product chemicals in urine. <i>Chemosphere</i> , <b>2020</b> , 238, 124631	8.4	6
604	The Association of Early Life Viral Respiratory Illness and Atopy on Asthma in Children: Systematic Review and Meta-Analysis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 2663-2672.e7	5.4	1

603	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling <b>2020</b> , 16, e1008651		
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600	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling <b>2020</b> , 16, e1008651		
599	Development of a questionnaire-based insecticide exposure assessment method and comparison with urinary insecticide biomarkers in young Australian children. <i>Environmental Research</i> , <b>2019</b> , 178, 108613	7.9	6
598	Primary prevention of severe lower respiratory illnesses in at-risk infants using the immunomodulator OM-85. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 870-872.e11	11.5	12
597	Pesticide metabolite concentrations in Queensland pre-schoolers - Exposure trends related to age and sex using urinary biomarkers. <i>Environmental Research</i> , <b>2019</b> , 176, 108532	7.9	12
596	High incidence of respiratory disease in Australian infants despite low rate of maternal cigarette smoking. <i>Journal of Paediatrics and Child Health</i> , <b>2019</b> , 55, 1437-1444	1.3	4
595	Progressive increase of Fc $\beta$ I expression across several PBMC subsets is associated with atopy and atopic asthma within school-aged children. <i>Pediatric Allergy and Immunology</i> , <b>2019</b> , 30, 646-653	4.2	9
594	Oxidative cross-linking of calprotectin occurs in vivo, altering its structure and susceptibility to proteolysis. <i>Redox Biology</i> , <b>2019</b> , 24, 101202	11.3	16
593	The cumulative effect of inflammation and infection on structural lung disease in early cystic fibrosis. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	29
592	Changing Prevalence of Lower Airway Infections in Young Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 590-599	10.2	28
591	Impact of ambient air pollution and wheeze-associated disorders in children in Southeast Asia: a systematic review and meta-analysis. <i>Reviews on Environmental Health</i> , <b>2019</b> , 34, 125-139	3.8	17
590	Indoor air pollution and tobacco smoke exposure: impact on nasopharyngeal bacterial carriage in mothers and infants in an African birth cohort study. <i>ERJ Open Research</i> , <b>2019</b> , 5,	3.5	12
589	Naïve regulatory T cells in infancy: Associations with perinatal factors and development of food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 1760-1768	9.3	11
588	Asthma: moving toward a global children's charter. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 299-300	35.1	7
587	Statistical Methodology in Studies of Prenatal Exposure to Mixtures of Endocrine-Disrupting Chemicals: A Review of Existing Approaches and New Alternatives. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 26001	8.4	72
586	Increased susceptibility of airway epithelial cells from ataxia-telangiectasia to <i>S. pneumoniae</i> infection due to oxidative damage and impaired innate immunity. <i>Scientific Reports</i> , <b>2019</b> , 9, 2627	4.9	14

585	Environmental Contributions to Respiratory Disease in Children <b>2019</b> , 49-56.e3		2
584	Long-Term Consequences of Childhood Respiratory Disease <b>2019</b> , 247-256.e4		
583	Environmentally Persistent Free Radicals: Linking Air Pollution and Poor Respiratory Health?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 1062-1063	10.2	13
582	Using human epidemiological analyses to support the assessment of the impacts of coal mining on health. <i>Reviews on Environmental Health</i> , <b>2019</b> , 34, 391-401	3.8	1
581	Children's Environmental Health in South and Southeast Asia: Networking for Better Child Health Outcomes. <i>Annals of Global Health</i> , <b>2019</b> , 85,	3.3	5
580	Immunoinflammatory responses to febrile lower respiratory infections in infants display uniquely complex/intense transcriptomic profiles. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 1411-1413	11.5	1
579	Differential expression of genes and receptors in monocytes from patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2019</b> , 18, 342-348	4.1	10
578	Personalized Transcriptomics Reveals Heterogeneous Immunophenotypes in Children with Viral Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1537-1549	10.2	18
577	Effects of temperature on hospitalisation among pre-school children in Hanoi, Vietnam. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 2603-2612	5.1	6
576	Multi-centre ethics and research governance review can impede non-interventional clinical research. <i>Internal Medicine Journal</i> , <b>2019</b> , 49, 722-728	1.6	6
575	Intra-breath measures of respiratory mechanics in healthy African infants detect risk of respiratory illness in early life. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	7
574	Body Composition in Childhood: Is the Window for Influencing Lung Function Still Open?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 10-11	10.2	1
573	Developmental regulation of type 1 and type 3 interferon production and risk for infant infections and asthma development. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1176-1182.e5	11.5	18
572	Lifestyle and occupational factors affecting exposure to BTEX in municipal solid waste composting facility workers. <i>Science of the Total Environment</i> , <b>2019</b> , 656, 540-546	10.2	34
571	Pollution and children's health. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 2389-2394	10.2	99
570	Effect of omega-3 fatty acids supplementation during pregnancy on lung function in preschoolers: a clinical trial. <i>Journal of Asthma</i> , <b>2019</b> , 56, 296-302	1.9	7
569	Cystic fibrosis pathogens survive for extended periods within cough-generated droplet nuclei. <i>Thorax</i> , <b>2019</b> , 74, 87-90	7.3	14
568	Update in Asthma 2017. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1108-1115	10.2	3

567	Concentrations of organophosphate flame retardants and plasticizers in urine from young children in Queensland, Australia and associations with environmental and behavioural factors. <i>Environmental Research</i> , <b>2018</b> , 164, 262-270	7.9	53
566	Persistent activation of interlinked type 2 airway epithelial gene networks in sputum-derived cells from aeroallergen-sensitized symptomatic asthmatics. <i>Scientific Reports</i> , <b>2018</b> , 8, 1511	4.9	13
565	Respiratory Syncytial Virus Seasonality: A Global Overview. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1356-1364	9.9	99
564	The association between Staphylococcus aureus and subsequent bronchiectasis in children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2018</b> , 17, 462-469	4.1	18
563	Plasmacytoid dendritic cells protect from viral bronchiolitis and asthma through semaphorin 4a-mediated T reg expansion. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 537-557	16.6	45
562	Validation of the GLI-2012 spirometry reference equations in Argentinian children. <i>Pediatric Pulmonology</i> , <b>2018</b> , 53, 204-208	3.5	5
561	Managing Asthma in Pregnancy (MAP) trial: FENO levels and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1765-1772.e4	11.5	34
560	Systematic Error in Respiratory Impedance Using Commercial Equipment Calibrated according to the Manufacturer's Instructions. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 532-534	10.2	3
559	The Lancet Commission on pollution and health. <i>Lancet, The</i> , <b>2018</b> , 391, 462-512	4.0	1639
558	Defining 'healthy' in preschool-aged children for forced oscillation technique reference equations. <i>Respirology</i> , <b>2018</b> , 23, 406-413	3.6	4
557	Face Masks and Cough Etiquette Reduce the Cough Aerosol Concentration of Pseudomonas aeruginosa in People with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 348-355	10.2	35
556	Streptococcus pneumoniae colonization of the nasopharynx is associated with increased severity during respiratory syncytial virus infection in young children. <i>Respirology</i> , <b>2018</b> , 23, 220-227	3.6	29
555	After asthma: redefining airways diseases. <i>Lancet, The</i> , <b>2018</b> , 391, 350-400	4.0	455
554	Mortality and morbidity in populations in the vicinity of coal mining: a systematic review. <i>BMC Public Health</i> , <b>2018</b> , 18, 721	4.1	22
553	Face Masks Reduce the Release of Pseudomonas aeruginosa Cough Aerosols When Worn for Clinically Relevant Periods. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1339-1342	10.2	29
552	Accumulation mode particles and LPS exposure induce TLR-4 dependent and independent inflammatory responses in the lung. <i>Respiratory Research</i> , <b>2018</b> , 19, 15	7.3	19
551	Prevention-intervention strategies to reduce exposure to e-waste. <i>Reviews on Environmental Health</i> , <b>2018</b> , 33, 219-228	3.8	23
550	Prediction models for the development of COPD: a systematic review. <i>International Journal of COPD</i> , <b>2018</b> , 13, 1927-1935	3	9



549	Characterizing well-differentiated culture of primary human nasal epithelial cells for use in wound healing assays. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 1478-1486	5.9	9
548	MatCH (Mothers and their Children's Health) Profile: offspring of the 1973-78 cohort of the Australian Longitudinal Study on Women's Health. <i>Longitudinal and Life Course Studies</i> , <b>2018</b> , 9, 351-375	1	14
547	Environmental Risk Factors Associated with Child Stunting: A Systematic Review of the Literature. <i>Annals of Global Health</i> , <b>2018</b> , 84, 551-562	3.3	36
546	Trajectories of childhood immune development and respiratory health relevant to asthma and allergy. <i>ELife</i> , <b>2018</b> , 7,	8.9	14
545	Pooling of bronchoalveolar lavage in children with cystic fibrosis does not adversely affect the microbiological yield or sensitivity in detecting pulmonary inflammation. <i>Journal of Cystic Fibrosis</i> , <b>2018</b> , 17, 391-399	4.1	4
544	Children's Environmental Health Indicators for Pacific Island Countries. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	3
543	Informing randomized clinical trials of respiratory syncytial virus vaccination during pregnancy to prevent recurrent childhood wheezing: A sample size analysis. <i>Vaccine</i> , <b>2018</b> , 36, 8100-8109	4.1	7
542	Seasonal association between ambient ozone and hospital admission for respiratory diseases in Hanoi, Vietnam. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203751	3.7	18
541	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 341-352.e5	23.4	80
540	TLR Crosstalk Activates LRP1 to Recruit Rab8a and PI3K for Suppression of Inflammatory Responses. <i>Cell Reports</i> , <b>2018</b> , 24, 3033-3044	10.6	44
539	Children's Environmental Health Indicators in Context of the Sustainable Development Goals for Small Island Developing States. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	2
538	Loss of ATM in Airway Epithelial Cells Is Associated with Susceptibility to Oxidative Stress. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 391-393	10.2	15
537	Airway dynamics in COPD patients by within-breath impedance tracking: effects of continuous positive airway pressure. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	17
536	Investigating the relationship between environmental factors and respiratory health outcomes in school children using the forced oscillation technique. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 494-502	6.9	17
535	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , <b>2017</b> , 49, 416-425	36.3	170
534	Assessing bronchodilator response in preschool children using spirometry. <i>Thorax</i> , <b>2017</b> , 72, 367-372	7.3	16
533	Determinants of early-life lung function in African infants. <i>Thorax</i> , <b>2017</b> , 72, 445-450	7.3	36
532	CFTR-dependent defect in alternatively-activated macrophages in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2017</b> , 16, 475-482	4.1	38

531	Mannitol challenge testing for asthma in a community cohort of young adults. <i>Respirology</i> , <b>2017</b> , 22, 678-683	3.6	5
530	The Spectrum of Lower Respiratory Tract Illness in Children after Pneumococcal Conjugate Vaccination. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 13-15	10.2	9
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524	Polybrominated diphenyl ether flame retardant concentrations in faeces from young children in Queensland, Australia and associations with environmental and behavioural factors. <i>Environmental Research</i> , <b>2017</b> , 158, 669-676	7.9	8
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509	Health Consequences of Environmental Exposures: Changing Global Patterns of Exposure and Disease. <i>Annals of Global Health</i> , <b>2016</b> , 82, 10-9	3.3	50
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363	Febrile respiratory illnesses in infancy and atopy are risk factors for persistent asthma and wheeze. <i>European Respiratory Journal</i> , <b>2012</b> , 39, 876-82	13.6	84
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61	Differing patterns of mechanical response to direct fetal hormone treatment. <i>Respiration Physiology</i> , <b>1996</b> , 103, 271-80		8
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51	Validation of esophageal pressure occlusion test after paralysis. <i>Pediatric Pulmonology</i> , <b>1994</b> , 17, 56-62	3.5	41
50	Influence of duration of occlusion time on respiratory mechanics measured with the single-breath technique in infants. <i>Pediatric Pulmonology</i> , <b>1994</b> , 17, 250-7	3.5	2
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47	Fast versus slow ventilation for neonates. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 148, 578-84		16
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45	Assessment of forced expiratory volume-time parameters in detecting histamine-induced bronchoconstriction in wheezy infants. <i>Pediatric Pulmonology</i> , <b>1993</b> , 15, 220-4	3.5	15
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43	Comparison of efficacy of salbutamol and sodium cromoglycate in the prevention of ticarcillin-induced bronchoconstriction. <i>Pediatric Pulmonology</i> , <b>1993</b> , 16, 311-5	3.5	11
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5	Persistent activation of interlinked Th2-airway epithelial gene networks in sputum-derived cells from aeroallergen-sensitized symptomatic atopic asthmatics		1
4	Dynamics of the upper airway microbiome in the pathogenesis of asthma-associated persistent wheeze in preschool children		4
3	Neonatal genetics of gene expression reveal the origins of autoimmune and allergic disease risk		2
2	Pediatric nasal epithelial cells are less permissive to SARS-CoV-2 replication compared to adult cells		2
1	Increased maternal mental health burden in a representative longitudinal community cohort coinciding with COVID-19 lockdown. <i>Australian Journal of Psychology</i> , 1-8	2.3	1