

Stephen Turner

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

3,937
citations

172457
29
h-index

138484
58
g-index

135
all docs

135
docs citations

135
times ranked

5645
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 984-995.	2.3	327
2	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744.	8.4	291
3	An immunoepidemiological approach to asthma: identification of in-vitro T cell response patterns associated with different wheezing phenotypes in children. Lancet, The, 2005, 365, 142-149.	13.7	219
4	Lung function trajectories from pre-school age to adulthood and their associations with early life factors: a retrospective analysis of three population-based birth cohort studies. Lancet Respiratory Medicine, the, 2018, 6, 526-534.	10.7	208
5	A systematic review of maternal smoking during pregnancy and fetal measurements with meta-analysis. PLoS ONE, 2017, 12, e0170946.	2.5	175
6	Oxygen saturation targets in infants with bronchiolitis (BIDS): a double-blind, randomised, equivalence trial. Lancet, The, 2015, 386, 1041-1048.	13.7	134
7	Monitoring asthma in children. European Respiratory Journal, 2015, 45, 906-925.	6.7	114
8	Outcomes of Childhood Asthma and Wheezy Bronchitis. A 50-Year Cohort Study. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 23-30.	5.6	105
9	European Respiratory Society clinical practice guidelines for the diagnosis of asthma in children aged 5-16 years. European Respiratory Journal, 2021, 58, 2004173.	6.7	104
10	Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. The Lancet Child and Adolescent Health, 2018, 2, 812-821.	5.6	93
11	Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. European Respiratory Journal, 2016, 48, 1063-1073.	6.7	89
12	Childhood asthma exacerbations and the Arg16 Î2-receptor polymorphism: A meta-analysis stratified by treatment. Journal of Allergy and Clinical Immunology, 2016, 138, 107-113.e5.	2.9	80
13	Early life antibiotic use and the risk of asthma and asthma exacerbations in children. Pediatric Allergy and Immunology, 2017, 28, 430-437.	2.6	77
14	Associations between environmental exposures and asthma control and exacerbations in young children: a systematic review. BMJ Open, 2014, 4, e003827.	1.9	75
15	Using a new, low-cost air quality sensor to quantify second-hand smoke (SHS) levels in homes. Tobacco Control, 2015, 24, 153-158.	3.2	74
16	First- and Second-Trimester Fetal Size and Asthma Outcomes at Age 10 Years. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 407-413.	5.6	73
17	Intermittent montelukast in children aged 10 months to 5 years with wheeze (WAIT trial): a multicentre, randomised, placebo-controlled trial. Lancet Respiratory Medicine, the, 2014, 2, 796-803.	10.7	72
18	Indirect effects of the COVID-19 pandemic on paediatric healthcare use and severe disease: a retrospective national cohort study. Archives of Disease in Childhood, 2021, 106, 911-917.	1.9	71

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19	Distinguishing Wheezing Phenotypes from Infancy to Adolescence. A Pooled Analysis of Five Birth Cohorts. <i>Annals of the American Thoracic Society</i> , 2019, 16, 868-876.	3.2	68
20	Associations between postnatal weight gain, change in postnatal pulmonary function, formula feeding and early asthma. <i>Thorax</i> , 2008, 63, 234-239.	5.6	63
21	REFRESHâ€”reducing families' exposure to secondhand smoke in the home: a feasibility study. <i>Tobacco Control</i> , 2013, 22, e8-e8.	3.2	63
22	Maternal exposure to ambient air pollution and fetal growth in North-East Scotland: A population-based study using routine ultrasound scans. <i>Environment International</i> , 2017, 107, 216-226.	10.0	59
23	A longitudinal study of lung function from 1â€¦month to 18â€¦years of age. <i>Thorax</i> , 2014, 69, 1015-1020.	5.6	58
24	The Study Team for Early Life Asthma Research (STELAR) consortium â€”Asthma e-labâ€™: team science bringing data, methods and investigators together. <i>Thorax</i> , 2015, 70, 799-801.	5.6	56
25	COVID-19 in children with underlying chronic respiratory diseases: survey results from 174 centres. <i>ERJ Open Research</i> , 2020, 6, 00409-2020.	2.6	51
26	Severe asthma in childrenâ€”a review of definitions, epidemiology, and treatment options in 2019. <i>Pediatric Pulmonology</i> , 2019, 54, 778-787.	2.0	50
27	Prescribing trends in asthma: a longitudinal observational study. <i>Archives of Disease in Childhood</i> , 2009, 94, 16-22.	1.9	47
28	Change in FEV1 and Feno Measurements as Predictors of Future Asthma Outcomes in Children. <i>Chest</i> , 2019, 155, 331-341.	0.8	47
29	Changing characteristics of hospital admissions but not the children admittedâ€”a whole population study between 2000 and 2013. <i>European Journal of Pediatrics</i> , 2018, 177, 381-388.	2.7	32
30	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017, 18, 931-943.	1.3	30
31	Reduced Infant Lung Function, Active Smoking, and Wheeze in 18-Year-Old Individuals. <i>JAMA Pediatrics</i> , 2013, 167, 368.	6.2	29
32	Associations between a smoke-free homes intervention and childhood admissions to hospital in Scotland: an interrupted time-series analysis of whole-population data. <i>Lancet Public Health</i> , The, 2020, 5, e493-e500.	10.0	29
33	Nasal wash as an alternative to bronchoalveolar lavage in detecting early pulmonary inflammation in children with cystic fibrosis. <i>Respirology</i> , 2005, 10, 177-182.	2.3	28
34	Perinatal Programming of Childhood Asthma: Early Fetal Size, Growth Trajectory during Infancy, and Childhood Asthma Outcomes. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-9.	3.3	28
35	Research Priorities in Pediatric Asthma: Results of a Global Survey of Multiple Stakeholder Groups by the Pediatric Asthma in Real Life (PeARL) Think Tank. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1953-1960.e9.	3.8	27
36	Nasal and bronchial airway epithelial cell mediator release in children. <i>Pediatric Pulmonology</i> , 2012, 47, 1215-1225.	2.0	26

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37	Exhaled nitric oxide and the management of childhood asthma – yet another promising biomarker – has been – or a misunderstood gem. <i>Paediatric Respiratory Reviews</i> , 2015, 16, 88-96.	1.8	26
38	Fetal ultrasound measurements and associations with postnatal outcomes in infancy and childhood: a systematic review of an emerging literature. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 41-48.	3.7	24
39	Microbiome characteristics of induced sputum compared to bronchial fluid and upper airway samples. <i>Pediatric Pulmonology</i> , 2018, 53, 921-928.	2.0	24
40	'I'm not doing this for me': mothers' accounts of creating smoke-free homes. <i>Health Education Research</i> , 2013, 28, 165-178.	1.9	23
41	Using air-quality feedback to encourage disadvantaged parents to create a smoke-free home: Results from a randomised controlled trial. <i>Environment International</i> , 2018, 120, 104-110.	10.0	22
42	17q21 variant increases the risk of exacerbations in asthmatic children despite inhaled corticosteroids use. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2083-2088.	5.7	22
43	Modeling Wheezing Spells Identifies Phenotypes with Different Outcomes and Genetic Associates. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 883-893.	5.6	21
44	Airway function in infancy is linked to airflow measurements and respiratory symptoms from childhood into adulthood. <i>Pediatric Pulmonology</i> , 2018, 53, 1082-1088.	2.0	20
45	Evolution of Eczema, Wheeze, and Rhinitis from Infancy to Early Adulthood: Four Birth Cohort Studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 950-960.	5.6	20
46	Applying UK real-world primary care data to predict asthma attacks in 3776 well-characterised children: a retrospective cohort study. <i>Npj Primary Care Respiratory Medicine</i> , 2018, 28, 28.	2.6	19
47	Maternal vitamin D and E intakes in pregnancy and asthma to age 15 years: A cohort study. <i>Pediatric Pulmonology</i> , 2019, 54, 11-19.	2.0	19
48	Primary airway epithelial cell culture and asthma in children-lessons learnt and yet to come. <i>Pediatric Pulmonology</i> , 2015, 50, 1393-1405.	2.0	18
49	Prevalence of allergic sensitization, hay fever, eczema, and asthma in a longitudinal birth cohort. <i>Journal of Asthma and Allergy</i> , 2018, Volume 11, 173-180.	3.4	18
50	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021, 57, 2003388.	6.7	17
51	Uptake of infant and preschool immunisations in Scotland and England during the COVID-19 pandemic: An observational study of routinely collected data. <i>PLoS Medicine</i> , 2022, 19, e1003916.	8.4	16
52	Early life inter-kingdom interactions shape the immunological environment of the airways. <i>Microbiome</i> , 2022, 10, 34.	11.1	16
53	Diverging prevalences and different risk factors for childhood asthma and eczema: a cross-sectional study. <i>BMJ Open</i> , 2015, 5, e008446-e008446.	1.9	15
54	Long-Acting β_2 -Agonist in Combination or Separate Inhaler as Step-Up Therapy for Children with Uncontrolled Asthma Receiving Inhaled Corticosteroids. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 99-106.e3.	3.8	15

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55	Distinct airway epithelial immune responses after infection with SARS-CoV-2 compared to H1N1. <i>Mucosal Immunology</i> , 2022, 15, 952-963.	6.0	15
56	Differences in Body Mass Index between Siblings Who Are Discordant for Exposure to Antenatal Maternal Smoking. <i>Paediatric and Perinatal Epidemiology</i> , 2017, 31, 402-408.	1.7	14
57	Pulmonary epithelial barrier and immunological functions at birth and in early life - key determinants of the development of asthma? A description of the protocol for the Breathing Together study. <i>Wellcome Open Research</i> , 2018, 3, 60.	1.8	14
58	Comparative primary paediatric nasal epithelial cell culture differentiation and RSV-induced cytopathogenesis following culture in two commercial media. <i>PLoS ONE</i> , 2020, 15, e0228229.	2.5	14
59	Multi-ancestry genome-wide association study of asthma exacerbations. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	14
60	Culture of Airway Epithelial Cells from Neonates Sampled within 48-Hours of Birth. <i>PLoS ONE</i> , 2013, 8, e78321.	2.5	13
61	Genome-wide association studies of exacerbations in children using long-acting beta ₂ -agonists. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1197-1207.	2.6	13
62	Spirometric phenotypes from early childhood to young adulthood: a Chronic Airway Disease Early Stratification study. <i>ERJ Open Research</i> , 2021, 7, 00457-2021.	2.6	13
63	Matched cohort study of therapeutic strategies to prevent preschool wheezing/asthma attacks. <i>Journal of Asthma and Allergy</i> , 2018, Volume 11, 309-321.	3.4	11
64	Glutathione S-Transferase Genotype Protects against In Utero Tobacco-linked Lung Function Deficits. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 462-470.	5.6	11
65	Clinical utility of exhaled nitric oxide fraction in the management of asthma and COPD. <i>Breathe</i> , 2019, 15, 306-316.	1.3	11
66	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1238-1243.	5.7	11
67	A real-life comparative effectiveness study into the addition of antibiotics to the management of asthma exacerbations in primary care. <i>European Respiratory Journal</i> , 2021, 58, 2003599.	6.7	11
68	Reducing asthma attacks in children using exhaled nitric oxide (RAACENO) as a biomarker to inform treatment strategy: a multicentre, parallel, randomised, controlled, phase 3 trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 584-592.	10.7	11
69	Predicting and reducing risk of exacerbations in children with asthma in the primary care setting: current perspectives. <i>Journal of Pragmatic and Observational Research</i> , 2016, Volume 7, 33-39.	1.5	10
70	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. <i>Pharmacogenomics</i> , 2018, 19, 707-713.	1.3	10
71	Initial step-up treatment changes in asthmatic children already prescribed inhaled corticosteroids: a historical cohort study. <i>Npj Primary Care Respiratory Medicine</i> , 2015, 25, 15041.	2.6	9
72	Fetal growth trajectory and risk for eczema in a Saudi population. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 811-816.	2.6	9

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73	First trimester fetal size and prescribed asthma medication at 15â€¦years of age. European Respiratory Journal, 2018, 51, 1701509.	6.7	9
74	Physician and Parental Decisionâ€”Making Prior to Acute Medical Paediatric Admission. Healthcare (Switzerland), 2018, 6, 117.	2.0	9
75	A systematic review of associations between maternal exposures during pregnancy other than smoking and antenatal fetal measurements. Environmental Research, 2019, 173, 528-538.	7.5	9
76	What is a clinically meaningful change in exhaled nitric oxide for children with asthma?. Pediatric Pulmonology, 2020, 55, 599-606.	2.0	8
77	Asthma prescribing according to Arg16Gly beta-2 genotype: a randomised trial in adolescents. European Respiratory Journal, 2021, 58, 2004107.	6.7	8
78	Environmental exposures and respiratory outcomes in children. Paediatric Respiratory Reviews, 2012, 13, 252-257.	1.8	7
79	Longitudinal measurements of exhaled nitric oxide in childrenâ€”what is a significant change in <scp>FE_{NO}</scp>?. Pediatric Allergy and Immunology, 2013, 24, 540-548.	2.6	7
80	Primary Paediatric Bronchial Airway Epithelial Cell in Vitro Responses to Environmental Exposures. International Journal of Environmental Research and Public Health, 2016, 13, 359.	2.6	7
81	Proâ€”inflammatory mediator responses from neonatal airway epithelial cells and early childhood wheeze. Pediatric Pulmonology, 2018, 53, 10-16.	2.0	7
82	Is conception by inâ€”vitro fertilization associated with altered antenatal and postnatal growth trajectories?. Fertility and Sterility, 2020, 114, 1216-1224.	1.0	7
83	Does treatment guided by exhaled nitric oxide fraction improve outcomes in subgroups of children with asthma?. European Respiratory Journal, 2020, 55, 1901879.	6.7	7
84	Using air quality monitoring to reduce second-hand smoke exposure in homes: the AFRESH feasibility study. Tobacco Prevention and Cessation, 2017, 3, 117.	0.4	7
85	Predicting the future for recurrent respiratory symptoms in young children: Applying a dash of science to the art of medicine. Journal of Allergy and Clinical Immunology, 2014, 133, 119-120.	2.9	6
86	Lung Function Tracking: Does It Wobble during Adolescence?. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1470-1471.	5.6	6
87	Reducing Asthma Attacks in Children using Exhaled Nitric Oxide as a biomarker to inform treatment strategy: a randomised trial (RAACENO). Trials, 2019, 20, 573.	1.6	6
88	Editorial: Asthma in Children and Adults â€” What Are the Differences and What Can They Tell Us About Asthma?. Frontiers in Pediatrics, 2020, 8, 141.	1.9	6
89	<i>ADRB2</i> haplotypes and asthma exacerbations in children and young adults: An individual participant data metaâ€”analysis. Clinical and Experimental Allergy, 2021, 51, 1157-1171.	2.9	6
90	Identification of ROBO2 as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. Journal of Personalized Medicine, 2021, 11, 733.	2.5	6

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91	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. PLoS ONE, 2021, 16, e0257396.	2.5	6
92	An interview study of pregnant women who were provided with indoor air quality measurements of second hand smoke to help them quit smoking. BMC Pregnancy and Childbirth, 2016, 16, 305.	2.4	5
93	Interventions to reduce acute paediatric hospital admissions: a systematic review. Archives of Disease in Childhood, 2022, 107, 234-243.	1.9	5
94	Development of a Smoke-Free Homes Intervention for Parents: An Intervention Mapping Approach. Health Psychology Bulletin, 2019, 3, 67.	0.3	5
95	Priorities for child health research across the UK and Ireland. Archives of Disease in Childhood, 2022, 107, 474-478.	1.9	5
96	Protocol for the derivation and validation of a clinical prediction model to support the diagnosis of asthma in children and young people in primary care. Wellcome Open Research, 2020, 5, 50.	1.8	5
97	Antenatal origins of reduced lung function but not asthma?. Respiriology, 2016, 21, 574-575.	2.3	4
98	Longitudinal Ultrasound Measures of Fetal Growth and Offspring Outcomes. Current Epidemiology Reports, 2017, 4, 98-105.	2.4	3
99	Mortality and other outcomes after paediatric hospital admission on the weekend compared to weekday. PLoS ONE, 2018, 13, e0197494.	2.5	3
100	Antenatal Fetal Size and Obesity in Five-Year-Old Children in a Large Cohort Created by Data Linkage. Childhood Obesity, 2021, 17, 272-280.	1.5	3
101	A new model to deliver scheduled outpatient care. Archives of Disease in Childhood, 2021, , archdischild-2021-322394.	1.9	3
102	Birth Cohort Studies: Their Next Coming of Age. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1612-1614.	5.6	2
103	Does admission prevalence change after reconfiguration of inpatient services? An interrupted time series analysis of the impact of reconfiguration in five centres. BMC Health Services Research, 2021, 21, 75.	2.2	2
104	Does lung function change in the months after an asthma exacerbation in children?. Pediatric Allergy and Immunology, 2021, 32, 1208-1216.	2.6	2
105	The association between opening a short stay paediatric assessment unit and trends in short stay hospital admissions. BMC Health Services Research, 2021, 21, 523.	2.2	2
106	Urinary prostanoids in preschool wheeze. European Respiratory Journal, 2017, 49, 1601390.	6.7	1
107	Falling admissions to hospital with febrile seizures in the UK. Archives of Disease in Childhood, 2019, 104, 750-754.	1.9	1
108	EstablishING the best STEP-up treatments for children with uncontrolled asthma despite INhaled corticosteroids (EINSTEIN): protocol for a systematic review, network meta-analysis and cost-effectiveness analysis using individual participant data (IPD). BMJ Open, 2021, 11, e040528.	1.9	1

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109	Potential protective effects of breast milk and amniotic fluid against novel coronavirus SARS-CoV-2 through decoy receptors. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	1
110	An asthmatic child with a troublesome cough. <i>BMJ: British Medical Journal</i> , 2011, 342, c6846-c6846.	2.3	1
111	Effect of controller prescribing according to rs1042713 genotype on asthma related quality of life in young people (PACT): a randomized controlled trial. , 2020, , .		1
112	Treatment guided by fractional exhaled nitric oxide in addition to standard care in 6- to 15-year-olds with asthma: the RAACENO RCT. <i>Efficacy and Mechanism Evaluation</i> , 2022, 9, 1-154.	0.7	1
113	Outcomes after admission on weekend day compared with weekday. <i>Archives of Disease in Childhood</i> , 2019, 104, 203-204.	1.9	0
114	Child health in Scotland: getting it right for every child?. <i>BMJ Paediatrics Open</i> , 2019, 3, e000420.	1.4	0
115	Uncertain role of spirometry in managing childhood asthma in the UK 2019. <i>Archives of Disease in Childhood</i> , 2020, 105, 914-914.	1.9	0
116	Vitamin C against the harmful effects of prenatal passive smoking: when all other options fail?. <i>European Respiratory Journal</i> , 2020, 56, 2002770.	6.7	0
117	Clinical ethics: medical tourism in children. <i>Archives of Disease in Childhood</i> , 2021, 106, archdischild-2021-322778.	1.9	0
118	Variation in referrals from primary care to scheduled paediatric services in North and East Scotland -a cross-sectional study. <i>BMC Health Services Research</i> , 2021, 21, 989.	2.2	0
119	Parent-determined oral montelukast therapy for preschool wheeze with stratification for arachidonate 5-lipoxygenase (ALOX5) promoter genotype: a multicentre, randomised, placebo-controlled trial. <i>Efficacy and Mechanism Evaluation</i> , 2015, 2, 1-126.	0.7	0
120	Quality of life: what matters?. <i>Archives of Disease in Childhood</i> , 2022, 107, 521-522.	1.9	0
121	Household income, fetal size and birth weight: an analysis of eight populations. <i>Journal of Epidemiology and Community Health</i> , 2022, , jech-2021-218112.	3.7	0
122	Title is missing!. , 2020, 15, e0228229.		0
123	Title is missing!. , 2020, 15, e0228229.		0
124	Title is missing!. , 2020, 15, e0228229.		0
125	Title is missing!. , 2020, 15, e0228229.		0
126	Being involved: what RCPCH does for members and vice versa. <i>Archives of Disease in Childhood</i> , 2023, 108, 91-93.	1.9	0