Jonathan Grigg

List of Publications by Year
in descending order

156	6,515	87723	69108
papers	citations	38 h-index	77 g-index

162	162	162	7315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recurrent Wheeze of Early Childhood. , 2022, , 263-269.		0
2	School-based self-management intervention using theatre to improve asthma control in adolescents: a pilot cluster-randomised controlled trial. Pilot and Feasibility Studies, 2022, 8, 67.	0.5	0
3	Underground railway particulate matter and susceptibility to pneumococcal infection. EBioMedicine, 2022, 80, 104063.	2.7	8
4	International consensus statement on quality standards for managing children/adolescents with bronchiectasis from the ERS CRC Child-BEAR-Net. European Respiratory Journal, 2022, 59, 2200264.	3.1	8
5	Evidence for the presence of air pollution nanoparticles in placental tissue cells. Science of the Total Environment, 2021, 751, 142235.	3.9	77
6	Air Pollution and Asthma. Chest, 2021, 159, 1346-1355.	0.4	47
7	An enhanced care package to improve asthma management in Malawian children: a randomised controlled trial. Thorax, 2021, 76, 434-440.	2.7	10
8	Impact of indoor and outdoor pollution on respiratory health. , 2021, , 806-814.		0
9	Tobacco control and the ERS: new problems and old foes. European Respiratory Journal, 2021, 57, 2003499.	3.1	1
10	Asthma prescribing according to Arg16Gly beta-2 genotype: a randomised trial in adolescents. European Respiratory Journal, 2021, 58, 2004107.	3.1	8
11	Childhood asthma outcomes during the COVIDâ€19 pandemic: Findings from the PeARL multiâ€national cohort. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1765-1775.	2.7	62
12	Air pollution and childrenâ€™s health: where next?. BMJ Paediatrics Open, 2021, 5, e000706.	0.6	3
13	Confocal microscopy 3D imaging of diesel particulate matter. Environmental Science and Pollution Research, 2021, 28, 30384-30389.	2.7	7
14	The presence of air pollution particulate matter in cryopreserved placental tissue cells. ERJ Open Research, 2021, 7, 00349-2021.	1.1	2
15	Modelling of temporal exposure to the ambient environment and eczema severity. JID Innovations, 2021, 2, 100062.	1.2	1
16	Expert meeting report: towards a joint European roadmap to address the unmet needs and priorities of paediatric asthma patients on biologic therapy. ERJ Open Research, 2021, 7, 00381-2021.	1.1	5
17	Advanced glycation end products and wheeze: a plausible association?. Thorax, 2021, 76, 219-219.	2.7	0
18	Personal monitoring to reduce exposure to black carbon in children with asthma; a pilot study. ERJ Open Research, 2021, 7, 00482-2021.	1.1	5

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19	Air Pollution and Suppression of Lung Function Growth: A Triumph for Epidemiology. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 400-401.	2.5	8
20	Prostaglandin E2 and phagocytosis of inhaled particulate matter by airway macrophages in cystic fibrosis. Journal of Cystic Fibrosis, 2020, 20, 673-677.	0.3	1
21	Developing a theory-based multimedia intervention for schools to improve young peopleâ€™s asthma: my asthma in school (MAIS). Pilot and Feasibility Studies, 2020, 6, 122.	0.5	3
22	First analysis of the Severe Paediatric Asthma Collaborative in Europe registry. ERJ Open Research, 2020, 6, 00566-2020.	1.1	5
23	Airway dendritic cell maturation in children exposed to air pollution. PLoS ONE, 2020, 15, e0232040.	1.1	4
24	The ERS approach to e-cigarettes is entirely rational. European Respiratory Journal, 2020, 55, 2000413.	3.1	2
25	Achieving Control of Asthma in Children in Africa (ACACIA): protocol of an observational study of childrenâ€™s lung health in six sub-Saharan African countries. BMJ Open, 2020, 10, e035885.	0.8	11
26	Exposure to diesel exhaust particles increases susceptibility to invasive pneumococcal disease. Journal of Allergy and Clinical Immunology, 2020, 145, 1272-1284.e6.	1.5	29
27	Effect of controller prescribing according to rs1042713 genotype on asthma related quality of life in young people (PACT): a randomized controlled trial. , 2020, , .		1
28	Differential association of air pollution exposure with neonatal and postneonatal mortality in England and Wales: A cohort study. PLoS Medicine, 2020, 17, e1003400.	3.9	8
29	Asthma in the Preschool Age Child. , 2019, , 677-685.e2.		1
30	E-cigarette regulation: getting it wrong costs lives. Lancet Respiratory Medicine,the, 2019, 7, 994-995.	5.2	4
31	Effectiveness of school-based self-management interventions for asthma among children and adolescents: findings from a Cochrane systematic review and meta-analysis. Thorax, 2019, 74, 432-438.	2.7	21
32	Key paediatric messages from the 2018ÂEuropean Respiratory Society International Congress. ERJ Open Research, 2019, 5, 00241-2018.	1.1	1
33	Lung health and exposure to air pollution in Malawian children (CAPS): a cross-sectional study. Thorax, 2019, 74, 1070-1077.	2.7	34
34	Impact of London's low emission zone on air quality and children's respiratory health: a sequential annual cross-sectional study. Lancet Public Health, The, 2019, 4, e28-e40.	4.7	79
35	E cigarettes: Tar Wars: The (Tobacco) Empire Strikes Back. Archives of Disease in Childhood, 2019, 104, 1027-1039.	1.0	14
36	Biomass Smoke and Infection: Mechanisms of Interaction. , 2019, , 392-396.		1

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37	Air Pollution and Respiratory Infection: An Emerging and Troubling Association. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 700-701.	2.5	19
38	E-cigarette vapour enhances pneumococcal adherence to airway epithelial cells. European Respiratory Journal, 2018, 51, 1701592.	3.1	104
39	Use of cleaner-burning biomass stoves and airway macrophage black carbon in Malawian women. Science of the Total Environment, 2018, 635, 405-411.	3.9	19
40	Extrafine Versus Fine Inhaled Corticosteroids in Relation to Asthma Control: A Systematic Review and Meta-Analysis of Observational Real-Life Studies. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 907-915.e7.	2.0	36
41	Pulmonary epithelial barrier and immunological functions at birth and in early life - key determinants of the development of asthma?Â A description of the protocol for the Breathing Together study. Wellcome Open Research, 2018, 3, 60.	0.9	14
42	Matched cohort study of therapeutic strategies to prevent preschool wheezing/asthma attacks. Journal of Asthma and Allergy, 2018, Volume 11, 309-321.	1.5	11
43	The Severe Paediatric Asthma Collaborative in Europe (SPACE) ERS Clinical Research Collaboration: enhancing participation of children with asthma in therapeutic trials of new biologics and receptor blockers. European Respiratory Journal, 2018, 52, 1801665.	3.1	25
44	Response to: Electronic cigarette vapour enhances pneumococcal adherence to airway epithelial cells under abnormal conditions of exposure. European Respiratory Journal, 2018, 52, 1801199.	3.1	0
45	The Cooking and Pneumonia Study (CAPS) in Malawi: A Cross-Sectional Assessment of Carbon Monoxide Exposure and Carboxyhemoglobin Levels in Children under 5 Years Old. International Journal of Environmental Research and Public Health, 2018, 15, 1936.	1.2	12
46	Diesel, children and respiratory disease. BMJ Paediatrics Open, 2018, 2, e000210.	0.6	20
47	Mechanistic studies and new insights into the health effects of air pollution. International Journal of Tuberculosis and Lung Disease, 2018, 22, 712-712.	0.6	0
48	Severe Paediatric Asthma Collaborative in Europe (SPACE): protocol for a European registry. Breathe, 2018, 14, 93-98.	0.6	10
49	Reduced uptake of inhaled carbon in airway macrophages from children with cystic fibrosis. , 2018, , .		1
50	Preschool wheeze, genes and treatment. Paediatric Respiratory Reviews, 2018, 28, 47-54.	1.2	3
51	Does the source of funding matter?. African Journal of Thoracic and Critical Care Medicine, 2018, 24, .	0.3	0
52	Real-Life Outcomes for Patients with Asthma Prescribed Spacers for Use with Either Extrafine- or Fine-Particle Inhaled Corticosteroids. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 1040-1049.e4.	2.0	13
53	Tiotropium in paediatric asthma. European Respiratory Journal, 2017, 49, 1602034.	3.1	4
54	Urinary prostanoids in preschool wheeze. European Respiratory Journal, 2017, 49, 1601390.	3.1	1

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55	Asthma control in London secondary school children. Journal of Asthma, 2017, 54, 1033-1040.	0.9	13
56	A cleaner burning biomass-fuelled cookstove intervention to prevent pneumonia in children under 5 years old in rural Malawi (the Cooking and Pneumonia Study): a cluster randomised controlled trial. Lancet, The, 2017, 389, 167-175.	6.3	244
57	In control of ambient and household air pollution â€" how low should we go?. Lancet Respiratory Medicine,the, 2017, 5, 918-920.	5.2	10
58	<scp>DNA</scp> methylation profiles between airway epithelium and proxy tissues in children. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 2011-2016.	0.7	33
59	Still failing to tackle air pollution. BMJ: British Medical Journal, 2017, 358, j3802.	2.4	2
60	Arrhythmias and particulate matter. Lancet Planetary Health, The, 2017, 1, e50-e51.	5.1	3
61	Where Do Inhaled Fossil Fuelâ€"derived Particles Go?. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 804-806.	2.5	5
62	Pneumococcal infection of respiratory cells exposed to welding fumes; Role of oxidative stress and HIF-1 alpha. PLoS ONE, 2017, 12, e0173569.	1.1	19
63	Oxidative stress, short-term exposure to air pollution, and lung function in children. , 2017, , .		2
64	Carbonaceous particulate matter on the lung surface from adults living in SÃ£o Paulo, Brazil. PLoS ONE, 2017, 12, e0188237.	1.1	3
65	How do you explain the risk of air pollution to your patients?. Breathe, 2016, 12, 201-203.	0.6	11
66	The Seven Stages of Man: The Role of Developmental Stage on Medication Adherence in Respiratory Diseases. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 813-820.	2.0	32
67	Air pollution, ethnicity and telomere length in east London schoolchildren: An observational study. Environment International, 2016, 96, 41-47.	4.8	44
68	Antibiotics for preschool wheeze. Lancet Respiratory Medicine,the, 2016, 4, 2-3.	5.2	9
69	Seeking an Accurate, Point-of-Contact Diagnostic Test for Bacterial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 353-355.	2.5	3
70	Exposure to welding fumes and lower airway infection with Streptococcus pneumoniae. Journal of Allergy and Clinical Immunology, 2016, 137, 527-534.e7.	1.5	33
71	School-based self management interventions for asthma in children and adolescents: a mixed methods systematic review. The Cochrane Library, 2015, , .	1.5	6
72	Effects of Air Pollution and the Introduction of the London Low Emission Zone on the Prevalence of Respiratory and Allergic Symptoms in Schoolchildren in East London: A Sequential Cross-Sectional Study. PLoS ONE, 2015, 10, e0109121.	1.1	34

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73	Double-blind randomised placebo-controlled trial of bolus-dose vitamin D₃supplementation in adults with asthma (ViDiAs). Thorax, 2015, 70, 451-457.	2.7	99
74	Small-particle Inhaled Corticosteroid as First-line or Step-up Controller Therapy in Childhood Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 721-731.e16.	2.0	38
75	Differential Effects of Inhaled Corticosteroids in Smokers/Ex-Smokers and Nonsmokers with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 960-964.	2.5	23
76	Respiratory tract dendritic cells in paediatric asthma. Clinical and Experimental Allergy, 2015, 45, 624-631.	1.4	9
77	Carbon loading in airway macrophages as a biomarker for individual exposure to particulate matter air pollution â€" A critical review. Environment International, 2015, 74, 32-41.	4.8	54
78	Parent-determined oral montelukast therapy for preschool wheeze with stratification for arachidonate 5-lipoxygenase (ALOX5) promoter genotype: a multicentre, randomised, placebo-controlled trial. Efficacy and Mechanism Evaluation, 2015, 2, 1-126.	0.9	0
79	Comparing the effectiveness of small-particle versus large-particle inhaled corticosteroid in COPD. International Journal of COPD, 2014, 9, 1163.	0.9	18
80	Managing wheeze in preschool children. BMJ, The, 2014, 348, g15-g15.	3.0	35
81	Carbon in airway macrophages from children with asthma. Thorax, 2014, 69, 654-659.	2.7	47
82	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.	5.2	72
83	Respiratory risks from household air pollution in low and middle income countries. Lancet Respiratory Medicine,the, 2014, 2, 823-860.	5.2	670
84	Urban Air Pollution and Respiratory Infections. Paediatric Respiratory Reviews, 2014, 15, 194-199.	1.2	116
85	Bronchial platelet-activating factor receptor in chronic obstructive pulmonary disease. Respiratory Medicine, 2014, 108, 898-904.	1.3	13
86	DNA damage of macrophages induced by metal nanoparticulates using an airâ€"liquid interface exposure model. Nanotoxicology, 2013, 7, 961-962.	1.6	6
87	Effects of air pollution on fetal developmentâ€"more than low birthweight?. Lancet Respiratory Medicine,the, 2013, 1, 666-667.	5.2	2
88	Alveolar macrophages carbon load: a marker of exposure?. European Respiratory Journal, 2013, 41, 763-763.	3.1	2
89	Isolation of cells from the lower airways in infants with wheeze by sputum induction. European Respiratory Journal, 2013, 41, 483-485.	3.1	6
90	G160 Association Between External and Internal Dose of Diesel Soot (Black Carbon) in Healthy Schoolchildren: A Pilot Study. Archives of Disease in Childhood, 2013, 98, A74-A75.	1.0	0

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91	Cycling to work in London and inhaled dose of black carbon. European Respiratory Journal, 2012, 40, 1091-1097.	3.1	53
92	The platelet activating factor receptor: a new anti-infective target in respiratory disease?: Figure 1. Thorax, 2012, 67, 840-841.	2.7	23
93	Cigarette smoke and platelet-activating factor receptor dependent adhesion ofStreptococcus pneumoniaeto lower airway cells. Thorax, 2012, 67, 908-913.	2.7	65
94	Small macrophages are present in early childhood respiratory disease. Journal of Cystic Fibrosis, 2012, 11, 201-208.	0.3	15
95	Traffic-derived Air Pollution and Lung Function Growth. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1208-1209.	2.5	11
96	Adhesion of Streptococcus pneumoniae to human airway epithelial cells exposed to urban particulate matter. Journal of Allergy and Clinical Immunology, 2011, 127, 1236-1242.e2.	1.5	82
97	Air pollution and children's respiratory health - gaps in the global evidence. Clinical and Experimental Allergy, 2011, 41, 1072-1075.	1.4	10
98	Particulate air pollution and vulnerability to respiratory infections in children. , 2011, , 213-227.		0
99	Biomass Smoke and Infection: Mechanisms of Interaction. , 2011, , 389-393.		0
100	Acute exposure of mice to high-dose ultrafine carbon black decreases susceptibility to pneumococcal pneumonia. Particle and Fibre Toxicology, 2010, 7, 30.	2.8	15
101	Role of systemic steroids in acute preschool wheeze. Archives of Disease in Childhood, 2010, 95, 491-492.	1.0	14
102	DNA damage of macrophages at an air-tissue interface induced by metal nanoparticles. Nanotoxicology, 2009, 3, 348-354.	1.6	34
103	Particulate Matter Exposure in Children: Relevance to Chronic Obstructive Pulmonary Disease. Proceedings of the American Thoracic Society, 2009, 6, 564-569.	3.5	90
104	Pivotal Advance: Expansion of small sputum macrophages in CF: failure to express MARCO and mannose receptors. Journal of Leukocyte Biology, 2009, 86, 479-489.	1.5	46
105	Medicines used in respiratory diseases only seen in children. European Respiratory Journal, 2009, 34, 531-551.	3.1	39
106	Domestic smoke exposure is associated with alveolar macrophage particulate load. Tropical Medicine and International Health, 2009, 14, 349-354.	1.0	35
107	New insights into preschool wheeze. Clinical and Experimental Allergy, 2009, 39, 179-180.	1.4	1
108	Monocyte chemoattractant chemokines in cystic fibrosis. Journal of Cystic Fibrosis, 2009, 8, 97-103.	0.3	23

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109	Oral Prednisolone for Preschool Children with Acute Virus-Induced Wheezing. New England Journal of Medicine, 2009, 360, 329-338.	13.9	296
110	Definition, assessment and treatment of wheezing disorders in preschool children: an evidence-based approach. European Respiratory Journal, 2008, 32, 1096-1110.	3.1	713
111	Effect of air pollution on children. Paediatrics and Child Health (United Kingdom), 2008, 18, 238-243.	0.2	52
112	Asthma year in review 2006â€“7. Paediatric Respiratory Reviews, 2008, 9, 134-138.	1.2	1
113	Carbon in airway macrophages and lung function in children. European Respiratory Review, 2008, 17, 18-19.	3.0	0
114	Black-pigmented material in airway macrophages from healthy children: association with lung function and modeled PM10. Research Report (health Effects Institute), 2008, , 1-23; discussion 25-33.	1.6	3
115	Effect of biomass smoke on pulmonary host defence mechanisms. Paediatric Respiratory Reviews, 2007, 8, 287-291.	1.2	13
116	Neutrophils in induced sputum from healthy children: Role of interleukin-8 and oxidative stress. Respiratory Medicine, 2007, 101, 2108-2112.	1.3	15
117	Exhaled nitric oxide after a single dose of intramuscular triamcinolone in children with difficult to control asthma. Pediatric Pulmonology, 2007, 42, 573-578.	1.0	21
118	Controversies in the management of preschool viral wheeze. Paediatric Respiratory Reviews, 2006, 7, 293-298.	1.2	18
119	Carbon in Airway Macrophages and Lung Function in Children. New England Journal of Medicine, 2006, 355, 21-30.	13.9	273
120	Locally generated particulate pollution and respiratory symptoms in young children. Thorax, 2006, 61, 216-220.	2.7	72
121	Parental understanding of wheeze and its impact on asthma prevalence estimates. European Respiratory Journal, 2006, 28, 1124-1130.	3.1	99
122	New insights into pulmonary inflammation in cystic fibrosis. Archives of Disease in Childhood, 2006, 91, 786-788.	1.0	46
123	Carbon loading of alveolar macrophages in adults and children exposed to biomass smoke particles. Science of the Total Environment, 2005, 345, 23-30.	3.9	59
124	Combustion of dried animal dung as biofuel results in the generation of highly redox active fine particulates. Particle and Fibre Toxicology, 2005, 2, 6.	2.8	93
125	Intramuscular triamcinolone for difficult asthma. Pediatric Pulmonology, 2005, 39, 421-425.	1.0	33
126	Gases from fossil fuel combustion: a danger to infants?. Archives of Disease in Childhood, 2005, 90, 662-663.	1.0	0

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127	Environmental toxins; their impact on children's health. Archives of Disease in Childhood, 2004, 89, 244-250.	1.0	60
128	MARCO expression on pediatric alveolar macrophages. Cytometry, 2004, 60B, 54-56.	1.8	0
129	Efficacy of a short course of parent-initiated oral prednisolone for viral wheeze in children aged 1â€“5 years: randomised controlled trial. Lancet, The, 2003, 362, 1433-1438.	6.3	193
130	Urinary leukotriene E4in preschool children with acute clinical viral wheeze. European Respiratory Journal, 2003, 21, 149-154.	3.1	34
131	Eosinophil activation and preschool viral wheeze. Thorax, 2003, 58, 876-879.	2.7	19
132	Systemic neutrophil activation in acute preschool viral wheeze. Archives of Disease in Childhood, 2003, 88, 529-531.	1.0	31
133	Virus-Induced Wheeze in Young Children A Separate Disease?. , 2003, , .		7
134	The health effects of fossil fuel derived particles. Archives of Disease in Childhood, 2002, 86, 79-83.	1.0	24
135	Clinical, Radiologic, and Induced Sputum Features of Chronic Obstructive Pulmonary Disease in Nonsmokers. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1078-1083.	2.5	148
136	Applicability of laser scanning cytometry to study paediatric alveolar macrophages. European Respiratory Journal, 2002, 20, 1437-1443.	3.1	4
137	Suppression of autologous peripheral blood mononuclear cell proliferation by alveolar macrophages from young infants. Clinical and Experimental Immunology, 2002, 128, 313-317.	1.1	5
138	Ultrafine particles in alveolar macrophages from normal children. Thorax, 2001, 56, 932-934.	2.7	47
139	Bronchoalveolar lavage in children. European Respiratory Journal, 2000, 15, 217-231.	3.1	413
140	Developmental Airway Cell Biology. American Journal of Respiratory and Critical Care Medicine, 2000, 162, S52-S55.	2.5	23
141	Bronchoalveolar lavage fluid cellularity and soluble intercellular adhesion molecule-1 in children with colds. , 1999, 28, 109-116.		23
142	Soluble intercellular adhesion moleculeâ€1 in the bronchoalveolar lavage fluid of normal children exposed to parental cigarette smoke. European Respiratory Journal, 1999, 13, 810.	3.1	13
143	Alveolar macrophage immaturity in infants and young children. European Respiratory Journal, 1999, 14, 1198-1205.	3.1	39
144	Prenatal Information of Lungs and Bronchopulmonary Dysplasia. Pediatrics, 1997, 99, 144-145.	1.0	1

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145	Alveolar epithelial lining fluid cellularity, protein and endothelin-1 in children with congenital heart disease. European Respiratory Journal, 1996, 9, 1381-1388.	3.1	19
146	Effectiveness of budesonide aerosol in ventilator-dependent preterm babies: A preliminary report. , 1996, 21, 231-235.		40
147	Role of bronchoalveolar lavage in children with lung disease. European Respiratory Journal, 1995, 8, 1725-1730.	3.1	41
148	Bronchoalveolar lavage cellularity in healthy children.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 163-168.	2.5	110
149	Induction of intercellular adhesion molecule-1 by lipopolysaccharide in canine alveolar macrophages.. American Journal of Respiratory Cell and Molecular Biology, 1994, 11, 304-311.	1.4	15
150	Bilateral fiberoptic bronchoalveolar lavage in acute unilateral lobar pneumonia. Journal of Pediatrics, 1993, 122, 606-608.	0.9	28
151	Bronchoalveolar lavage fluid glutathione in intubated premature infants.. Archives of Disease in Childhood, 1993, 69, 49-51.	1.0	50
152	Pulmonary inflammatory cells in ventilated preterm infants: effect of surfactant treatment.. Archives of Disease in Childhood, 1993, 69, 44-48.	1.0	62
153	Inflammatory cells in the lungs of premature infants on the first day of life: perinatal risk factors and origin of cells.. Archives of Disease in Childhood, 1993, 69, 40-43.	1.0	33
154	Delivery of therapeutic aerosols to intubated babies.. Archives of Disease in Childhood, 1992, 67, 25-30.	1.0	79
155	Delivery of micronized budesonide suspension by metered dose inhaler and jet nebulizer into a neonatal ventilator circuit. Pediatric Pulmonology, 1992, 13, 172-175.	1.0	60
156	Fractional processing of sequential bronchoalveolar lavage fluid from intubated babies. European Respiratory Journal, 1992, 5, 727-32.	3.1	37