

Philipp Latzin

List of Publications by Year in descending order

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Version: 2024-02-01

156
papers

4,600
citations

136740

32
h-index

128067

60
g-index

174
all docs

174
docs citations

174
times ranked

4220
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of airway obstruction of non-acquired origin in children with and without major congenital anomalies. <i>European Journal of Pediatrics</i> , 2022, 181, 303-309.	1.3	0
2	Association of lung clearance index with survival in individuals with cystic fibrosis. <i>European Respiratory Journal</i> , 2022, 59, 2100432.	3.1	3
3	Are children born by cesarean delivery at higher risk for respiratory sequelae?. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 257.e1-257.e11.	0.7	4
4	Increased Impact of Air Pollution on Lung Function in Preterm versus Term Infants: The BILD Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 99-107.	2.5	21
5	Longitudinal lung function in childhood cancer survivors after hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2022, 57, 207-214.	1.3	3
6	Effect of Salbutamol on Lung Ventilation in Children with Cystic Fibrosis: Comprehensive Assessment Using Spirometry, Multiple-Breath Washout, and Functional Lung Magnetic Resonance Imaging. <i>Respiration</i> , 2022, 101, 281-290.	1.2	5
7	Novel volumetric capnography indices measure ventilation inhomogeneity in cystic fibrosis. <i>ERJ Open Research</i> , 2022, 8, 00440-2021.	1.1	3
8	Lung function from school age to adulthood in primary ciliary dyskinesia. <i>European Respiratory Journal</i> , 2022, 60, 2101918.	3.1	17
9	MRI lung lobe segmentation in pediatric cystic fibrosis patients using a recurrent neural network trained with publicly accessible CT datasets. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 391-405.	1.9	4
10	Do clinimetric properties of LCI change after correction of signal processing?. <i>Pediatric Pulmonology</i> , 2022, 57, 1180-1187.	1.0	6
11	Age and body mass index affect fit of spirometry Global Lung Function Initiative references in schoolchildren. <i>ERJ Open Research</i> , 2022, 8, 00618-2021.	1.1	5
12	Pollen exposure is associated with risk of respiratory symptoms during the first year of life. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3606-3616.	2.7	5
13	School-age structural and functional MRI and lung function in children following lung resection for congenital lung malformation in infancy. <i>Pediatric Radiology</i> , 2022, 52, 1255-1265.	1.1	3
14	An international survey on nasal nitric oxide measurement practices for the diagnosis of primary ciliary dyskinesia. <i>ERJ Open Research</i> , 2022, 8, 00708-2021.	1.1	2
15	Impact of Spioware re-analysis method on multiple-breath washout outcomes in children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, e208-e209.	0.3	6
16	Short-Term Effects of Elexacaftor/Tezacaftor/Ivacaftor Combination on Glucose Tolerance in Young People With Cystic Fibrosis—An Observational Pilot Study. <i>Frontiers in Pediatrics</i> , 2022, 10, 852551.	0.9	24
17	Low Birth Weight and Impaired Later Lung Function: Results from a Monochorionic Twin Study. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1856-1864.	1.5	2
18	Normative multiple-breath washout data in school-aged children corrected for sensor error. <i>European Respiratory Journal</i> , 2022, 60, 2102398.	3.1	15

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19	Multiple breath washout quality control in the clinical setting. <i>Pediatric Pulmonology</i> , 2021, 56, 105-112.	1.0	18
20	Pulmonary Dysfunction after Treatment for Childhood Cancer. Comparing Multiple-Breath Washout with Spirometry. <i>Annals of the American Thoracic Society</i> , 2021, 18, 281-289.	1.5	7
21	Transplant characteristics and self-reported pulmonary outcomes in Swiss childhood cancer survivors after hematopoietic stem cell transplantation—a cohort study. <i>Bone Marrow Transplantation</i> , 2021, 56, 1065-1076.	1.3	3
22	The impact of segmentation on whole-lung functional MRI quantification: Repeatability and reproducibility from multiple human observers and an artificial neural network. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1079-1092.	1.9	16
23	Can biomarkers in umbilical cord blood predict atopic disease at school age?. <i>Pediatric Research</i> , 2021, 89, 389-392.	1.1	1
24	Maternal asthma is associated with reduced lung function in male infants in a combined analysis of the BLT and BILD cohorts. <i>Thorax</i> , 2021, 76, 996-1001.	2.7	13
25	Fixed breathing protocols in multiple-breath-washout testing: truly an option in children?. <i>European Respiratory Journal</i> , 2021, 57, 2100001.	3.1	0
26	Shedding light into the black box of infant multiple-breath washout. <i>Pediatric Pulmonology</i> , 2021, 56, 2642-2653.	1.0	2
27	Respiratory symptoms do not reflect functional impairment in early CF lung disease. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 957-964.	0.3	1
28	LuftiBus in the school (LUIS): a population-based study on respiratory health in schoolchildren. <i>Swiss Medical Weekly</i> , 2021, 151, w20544.	0.8	8
29	A Comprehensive Approach for the Diagnosis of Primary Ciliary Dyskinesia—Experiences from the First 100 Patients of the PCD-UNIBE Diagnostic Center. <i>Diagnostics</i> , 2021, 11, 1540.	1.3	7
30	Defect distribution index: A novel metric for functional lung MRI in cystic fibrosis. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3224-3235.	1.9	7
31	Correction of sensor crosstalk error in Exhalyzer D multiple-breath washout device significantly impacts outcomes in children with cystic fibrosis. <i>Journal of Applied Physiology</i> , 2021, 131, 1148-1156.	1.2	55
32	Lower airway clinical outcome measures for use in primary ciliary dyskinesia research: a scoping review. <i>ERJ Open Research</i> , 2021, 7, 00320-2021.	1.1	4
33	Diesel exposure increases susceptibility of primary human nasal epithelial cells to rhinovirus infection. <i>Physiological Reports</i> , 2021, 9, e14994.	0.7	1
34	Associations of air pollution and greenness with the nasal microbiota of healthy infants: A longitudinal study. <i>Environmental Research</i> , 2021, 202, 111633.	3.7	20
35	Longitudinal course of clinical lung clearance index in children with cystic fibrosis. <i>European Respiratory Journal</i> , 2021, 58, 2002686.	3.1	33
36	Agreement of parent- and child-reported wheeze and its association with measurable asthma traits. <i>Pediatric Pulmonology</i> , 2021, 56, 3813-3821.	1.0	7

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37	Study protocol: the ear-nose-throat (ENT) prospective international cohort of patients with primary ciliary dyskinesia (EPIC-PCD). <i>BMJ Open</i> , 2021, 11, e051433.	0.8	18
38	Diagnosis of primary ciliary dyskinesia: discrepancy according to different algorithms. <i>ERJ Open Research</i> , 2021, 7, 00353-2021.	1.1	4
39	Cigarette, shisha, and electronic smoking and respiratory symptoms in Swiss children: The LUIS study. <i>Pediatric Pulmonology</i> , 2020, 55, 2806-2815.	1.0	6
40	Normative data for multiple breath washout outcomes in school-aged Caucasian children. <i>European Respiratory Journal</i> , 2020, 55, 1901302.	3.1	79
41	Age-dependent response of the human nasal epithelium to rhinovirus infection. <i>European Respiratory Journal</i> , 2020, 56, 2000877.	3.1	5
42	Evaluation of a multiple breath nitrogen washout system in children. <i>Pediatric Pulmonology</i> , 2020, 55, 2108-2114.	1.0	4
43	Effect of breastfeeding duration on lung function, respiratory symptoms and allergic diseases in school-age children. <i>Pediatric Pulmonology</i> , 2020, 55, 1448-1455.	1.0	11
44	Longitudinal course of clinically measured lung clearance index in children with cystic fibrosis. , 2020, , .		3
45	Isolated night cough in children: how does it differ from wheeze?. <i>ERJ Open Research</i> , 2020, 6, 00217-2020.	1.1	7
46	Respiratory rate in infants with cystic fibrosis throughout the first year of life and association with lung clearance index measured shortly after birth. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 118-126.	0.3	9
47	Pulmonary exacerbations in patients with primary ciliary dyskinesia: an expert consensus definition for use in clinical trials. <i>ERJ Open Research</i> , 2019, 5, 00147-2018.	1.1	37
48	A multi-scale model of gas transport in the lung to study heterogeneous lung ventilation during the multiple-breath washout test. <i>PLoS Computational Biology</i> , 2019, 15, e1007079.	1.5	17
49	Spirometric indices in primary ciliary dyskinesia: systematic review and meta-analysis. <i>ERJ Open Research</i> , 2019, 5, 00231-2018.	1.1	28
50	Nasal Resistome Development in Infants With Cystic Fibrosis in the First Year of Life. <i>Frontiers in Microbiology</i> , 2019, 10, 212.	1.5	10
51	Within-breath changes in respiratory system impedance in children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2019, 54, 737-742.	1.0	10
52	Exposure to moderate air pollution and associations with lung function at school-age: A birth cohort study. <i>Environment International</i> , 2019, 126, 682-689.	4.8	49
53	Single-breath washout and association with structural lung disease in children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2019, 54, 587-594.	1.0	7
54	Variability of Tidal Breathing Parameters in Preterm Infants and Associations with Respiratory Morbidity during Infancy: A Cohort Study. <i>Journal of Pediatrics</i> , 2019, 205, 61-69.e1.	0.9	21

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55	Ventilation and perfusion assessed by functional MRI in children with CF: reproducibility in comparison to lung function. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 543-550.	0.3	32
56	An innovative lung model for multiple breath washout testing in health and disease. <i>Clinical Biomechanics</i> , 2019, 66, 74-80.	0.5	1
57	Nasal Microbiota and Respiratory Tract Infections: The Role of Viral Detection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 919-922.	2.5	12
58	The Swiss Primary Ciliary Dyskinesia registry: objectives, methods and first results. <i>Swiss Medical Weekly</i> , 2019, 149, .	0.8	10
59	The Swiss Primary Ciliary Dyskinesia registry: an update. , 2019, , .		3
60	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.	2.5	92
61	Leaks during multiple-breath washout: characterisation and influence on outcomes. <i>ERJ Open Research</i> , 2018, 4, 00012-2017.	1.1	9
62	Multiple breath washout: A new and promising lung function test for patients with idiopathic pulmonary fibrosis. <i>Respirology</i> , 2018, 23, 764-770.	1.3	14
63	Infant multiple breath washout using a new commercially available device: Ready to replace the previous setup?. <i>Pediatric Pulmonology</i> , 2018, 53, 628-635.	1.0	6
64	Gasoline particle filter reduces oxidative DNA damage in bronchial epithelial cells after whole gasoline exhaust exposure in vitro. <i>Scientific Reports</i> , 2018, 8, 2297.	1.6	11
65	Inert Gas Washout in Bronchiolitis Obliterans Following Hematopoietic Cell Transplantation. <i>Chest</i> , 2018, 154, 157-168.	0.4	18
66	Lower exhaled nitric oxide in infants with Cystic Fibrosis compared to healthy controls. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 105-108.	0.3	20
67	Exposure to silver nanoparticles affects viability and function of natural killer cells, mostly via the release of ions. <i>Cell Biology and Toxicology</i> , 2018, 34, 167-176.	2.4	17
68	Long-term pulmonary disease among Swiss childhood cancer survivors. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26749.	0.8	17
69	Respiratory viruses in healthy infants and infants with cystic fibrosis: a prospective cohort study. <i>Thorax</i> , 2018, 73, 13-20.	2.7	16
70	Effect of intermittent inspiratory leaks on measurement of lung clearance index using nitrogen and sulfur hexafluoride. <i>ERJ Open Research</i> , 2018, 4, 00140-2018.	1.1	0
71	Dynamics of respiratory symptoms during infancy and associations with wheezing at school age. <i>ERJ Open Research</i> , 2018, 4, 00037-2018.	1.1	19
72	The Swiss Paediatric Airway Cohort (SPAC). <i>ERJ Open Research</i> , 2018, 4, 00050-2018.	1.1	17

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73	Nasal microbiota and symptom persistence in acute respiratory tract infections in infants. ERJ Open Research, 2018, 4, 00066-2018.	1.1	11
74	Structural and Functional Lung Impairment in Primary Ciliary Dyskinesia. Assessment with Magnetic Resonance Imaging and Multiple Breath Washout in Comparison to Spirometry. Annals of the American Thoracic Society, 2018, 15, 1434-1442.	1.5	36
75	Neighbourhood child population density as a proxy measure for exposure to respiratory infections in the first year of life: A validation study. PLoS ONE, 2018, 13, e0203743.	1.1	8
76	Alternate gas washout indices: Assessment of ventilation inhomogeneity in mild to moderate pediatric cystic fibrosis lung disease. Pediatric Pulmonology, 2018, 53, 1485-1491.	1.0	5
77	Glucocorticoid metabolites in newborns: A marker for traffic noise related stress?. Environment International, 2018, 117, 319-326.	4.8	11
78	Lung function in patients with primary ciliary dyskinesia: an iPCD Cohort study. European Respiratory Journal, 2018, 52, 1801040.	3.1	71
79	Response of cord blood cells to environmental, hereditary and perinatal factors: A prospective birth cohort study. PLoS ONE, 2018, 13, e0200236.	1.1	16
80	Comparison of different analysis algorithms to calculate multiple-breath washout outcomes. ERJ Open Research, 2018, 4, 00021-2017.	1.1	3
81	Short-Term Effects of Elastic Chest Wall Restriction on Pulmonary Function in Children with Cystic Fibrosis. Respiration, 2018, 96, 535-542.	1.2	6
82	The Swiss Cystic Fibrosis Infant Lung Development (SCILD) cohort. Swiss Medical Weekly, 2018, 148, w14618.	0.8	11
83	6q12 and 11p14 variants are associated with postnatal exhaled nitric oxide levels and respiratory symptoms. Journal of Allergy and Clinical Immunology, 2017, 140, 1015-1023.	1.5	3
84	Alternative inert gas washout outcomes in patients with primary ciliary dyskinesia. European Respiratory Journal, 2017, 49, 1600466.	3.1	21
85	“Lung sparing growth” is the lung not affected by malnutrition?. European Respiratory Journal, 2017, 49, 1700295.	3.1	8
86	Unexpected results in infant multiple breath washout: Is the truth hidden in the washin?. Pediatric Pulmonology, 2017, 52, 717-719.	1.0	2
87	A simple method to reconstruct the molar mass signal of respiratory gas to assess small airways with a double-tracer gas single-breath washout. Medical and Biological Engineering and Computing, 2017, 55, 1975-1987.	1.6	2
88	European Respiratory Society guidelines for the diagnosis of primary ciliary dyskinesia. European Respiratory Journal, 2017, 49, 1601090.	3.1	465
89	Effects of gasoline and ethanol-gasoline exhaust exposure on human bronchial epithelial and natural killer cells in vitro. Toxicology in Vitro, 2017, 45, 101-110.	1.1	15
90	Breath-to-breath variability of exhaled CO ₂ as a marker of lung dysmaturity in infancy. Journal of Applied Physiology, 2017, 123, 1563-1570.	1.2	5

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91	Asthma diagnosis in children: more evidence needed. <i>The Lancet Child and Adolescent Health</i> , 2017, 1, 83-85.	2.7	5
92	Interrupter technique in infancy: Higher airway resistance and lower short-term variability in preterm versus term infants. <i>Pediatric Pulmonology</i> , 2017, 52, 1355-1362.	1.0	5
93	Novel magnetic resonance technique for functional imaging of cystic fibrosis lung disease. <i>European Respiratory Journal</i> , 2017, 50, 1701464.	3.1	57
94	Elevated lung clearance index in infants with cystic fibrosis shortly after birth. <i>European Respiratory Journal</i> , 2017, 50, 1700580.	3.1	29
95	Elucidating progression of early cystic fibrosis lung disease. <i>European Respiratory Journal</i> , 2017, 50, 1701916.	3.1	4
96	Rapid 3D in vivo 1H human lung respiratory imaging at 1.5T using ultrafast balanced steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1059-1069.	1.9	19
97	Air pollution during pregnancy and lung development in the child. <i>Paediatric Respiratory Reviews</i> , 2017, 21, 38-46.	1.2	117
98	Changes in minute ventilation after exposure to 4% sulfur hexafluoride (SF ₆) in infants. <i>Pediatric Pulmonology</i> , 2017, 52, 151-153.	1.0	3
99	Influence of the pneumococcal conjugate vaccines on the temporal variation of pneumococcal carriage and the nasal microbiota in healthy infants: a longitudinal analysis of a case-control study. <i>Microbiome</i> , 2017, 5, 85.	4.9	28
100	Prevalence of cough throughout childhood: A cohort study. <i>PLoS ONE</i> , 2017, 12, e0177485.	1.1	25
101	Inert gas washout: background and application in various lung diseases. <i>Swiss Medical Weekly</i> , 2017, 147, w14483.	0.8	18
102	CHI3L1 polymorphisms, cord blood YKL-40 levels and later asthma development. <i>BMC Pulmonary Medicine</i> , 2016, 16, 81.	0.8	10
103	Function and Ventilation of Large and Small Airways in Children and Adolescents with Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 1915-1922.	0.9	13
104	Lung clearance index and moment ratios at different cut-off values in infant multiple-breath washout measurements. <i>Pediatric Pulmonology</i> , 2016, 51, 1373-1381.	1.0	7
105	Interactions of Respiratory Viruses and the Nasal Microbiota during the First Year of Life in Healthy Infants. <i>MSphere</i> , 2016, 1, .	1.3	48
106	Rhinovirus Infections and Associated Respiratory Morbidity in Infants. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1069-1074.	1.1	10
107	Multiple breath washout analysis in infants: quality assessment and recommendations for improvement. <i>Physiological Measurement</i> , 2016, 37, L1-L15.	1.2	9
108	Effects of Breastfeeding on Respiratory Symptoms in Infancy. <i>Journal of Pediatrics</i> , 2016, 174, 111-117.e5.	0.9	24

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109	How to Monitor Early Cystic Fibrosis Lung Disease. By Multiple-Breath Washout, Chest Computed Tomography, or Both?. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 7-8.	2.5	2
110	The nasal microbiota in infants with cystic fibrosis in the first year of life: a prospective cohort study. Lancet Respiratory Medicine, the, 2016, 4, 627-635.	5.2	62
111	Predictive value of exhaled nitric oxide in healthy infants for asthma at school age. European Respiratory Journal, 2016, 48, 925-928.	3.1	11
112	Physiological phenotyping of pediatric chronic obstructive airway diseases. Journal of Applied Physiology, 2016, 121, 324-332.	1.2	20
113	Air pollution modelling for birth cohorts: a time-space regression model. Environmental Health, 2016, 15, 61.	1.7	19
114	Feasibility of nitrogen multiple-breath washout in inexperienced children younger than 7 years. Pediatric Pulmonology, 2016, 51, 1183-1190.	1.0	21
115	Single-Breath Washout Tests to Assess Small Airway Disease in COPD. Chest, 2016, 150, 1091-1100.	0.4	29
116	CFTR modulation for young children with cystic fibrosis. Lancet Respiratory Medicine, the, 2016, 4, 84-85.	5.2	2
117	Functional evidence for continued alveolarisation in former preterms at school age?. European Respiratory Journal, 2016, 47, 147-155.	3.1	46
118	A big step forward in understanding global differences in respiratory health: First lung function data in African infants. Respirology, 2015, 20, 1006-1007.	1.3	1
119	Ivacaftor in a young boy with the rare gating mutation S549R - use of lung clearance index to track progress: a case report. BMC Pulmonary Medicine, 2015, 15, 123.	0.8	2
120	Feasibility of automated slope III and Scnd analysis in children. Pediatric Pulmonology, 2015, 50, 805-813.	1.0	11
121	Human Rhinovirus Types and Association with Respiratory Symptoms During the First Year of Life. Pediatric Infectious Disease Journal, 2015, 34, 907-909.	1.1	28
122	Validation of multiple-breath washout equipment for infants and young children. Pediatric Pulmonology, 2015, 50, 607-614.	1.0	20
123	False normal Lung Clearance Index in infants with cystic fibrosis due to software algorithms. Pediatric Pulmonology, 2015, 50, 970-977.	1.0	34
124	Last Word on Viewpoint: Using the same cut-off for sulfur hexafluoride and nitrogen multiple-breath washout may not be appropriate. Journal of Applied Physiology, 2015, 119, 1515-1515.	1.2	2
125	Using the same cut-off for sulfur hexafluoride and nitrogen multiple-breath washout may not be appropriate. Journal of Applied Physiology, 2015, 119, 1510-1512.	1.2	23
126	Further evidence for an association between LCI and FEV1 in patients with PCD: Figure 1. Thorax, 2015, 70, 896.1-896.	2.7	25

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127	Sigh-induced changes of breathing pattern in preterm infants. <i>Physiological Reports</i> , 2015, 3, e12613.	0.7	9
128	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, 932-939.	1.5	96
129	Alternative outcomes for the multiple breath washout in children with CF. <i>Journal of Cystic Fibrosis</i> , 2015, 14, 490-496.	0.3	32
130	Dynamics of the nasal microbiota in infancy: A prospective cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 905-912.e11.	1.5	99
131	Lung clearance index in cystic fibrosis subjects treated for pulmonary exacerbations. <i>European Respiratory Journal</i> , 2015, 46, 1055-1064.	3.1	61
132	Impact of Software Settings on Multiple-Breath Washout Outcomes. <i>PLoS ONE</i> , 2015, 10, e0132250.	1.1	25
133	Ventilatory response to nitrogen multiple-breath washout in infants. <i>Pediatric Pulmonology</i> , 2014, 49, 342-347.	1.0	26
134	Double tracer gas single-breath washout: promising for clinics or just a toy for research?. <i>European Respiratory Journal</i> , 2014, 44, 1113-1115.	3.1	5
135	Can infant lung function predict respiratory morbidity during the first year of life in preterm infants?. <i>European Respiratory Journal</i> , 2014, 43, 1642-1651.	3.1	36
136	Validation of Multiple-Breath Washout Equipment: From Bench to Clinic and Possible Pitfalls. <i>Respiration</i> , 2014, 87, 456-458.	1.2	4
137	Volumetric Capnography in Infants with Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2014, 164, 283-288.e3.	0.9	34
138	Impact of different breathing protocols on multiple-breath washout outcomes in children. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 190-197.	0.3	34
139	Abnormal Small Airways Function in Children With Mild Asthma. <i>Chest</i> , 2014, 145, 492-499.	0.4	34
140	A Prospective Study of the Impact of Air Pollution on Respiratory Symptoms and Infections in Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 1341-1348.	2.5	55
141	Treatment response of airway clearance assessed by single-breath washout in children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 567-574.	0.3	22
142	What are the causes of global differences in lung function?. <i>Lancet Respiratory Medicine</i> , 2013, 1, 586-587.	5.2	4
143	High Rhinovirus Burden in Lower Airways of Children With Cystic Fibrosis. <i>Chest</i> , 2013, 143, 782-790.	0.4	75
144	Practicability of nitrogen multiple-breath washout measurements in a pediatric cystic fibrosis outpatient setting. <i>Pediatric Pulmonology</i> , 2013, 48, 739-746.	1.0	99

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145	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. <i>European Respiratory Journal</i> , 2013, 41, 507-522.	3.1	631
146	Multiple-breath washout measurements can be significantly shortened in children. <i>Thorax</i> , 2013, 68, 586-587.	2.7	60
147	A new double-tracer gas single-breath washout to assess early cystic fibrosis lung disease. <i>European Respiratory Journal</i> , 2013, 41, 339-345.	3.1	35
148	Cohort Profile: The Bern Infant Lung Development Cohort. <i>International Journal of Epidemiology</i> , 2012, 41, 366-376.	0.9	71
149	A Realistic Validation Study of a New Nitrogen Multiple-Breath Washout System. <i>PLoS ONE</i> , 2012, 7, e36083.	1.1	97
150	Long-term course of lung clearance index between infancy and school-age in cystic fibrosis subjects. <i>Journal of Cystic Fibrosis</i> , 2011, 10, 487-490.	0.3	46
151	Tidal Volume Single Breath Washout of Two Tracer Gases - A Practical and Promising Lung Function Test. <i>PLoS ONE</i> , 2011, 6, e17588.	1.1	21
152	Exposure to Moderate Air Pollution during Late Pregnancy and Cord Blood Cytokine Secretion in Healthy Neonates. <i>PLoS ONE</i> , 2011, 6, e23130.	1.1	62
153	Allergic bronchopulmonary aspergillosis: the hunt for a diagnostic serological marker in cystic fibrosis patients. <i>Expert Review of Molecular Diagnostics</i> , 2009, 9, 157-164.	1.5	14
154	Lung Volume, Breathing Pattern and Ventilation Inhomogeneity in Preterm and Term Infants. <i>PLoS ONE</i> , 2009, 4, e4635.	1.1	99
155	Viral Etiology of Acute Respiratory Infections With Cough in Infancy. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 100-105.	1.1	139
156	Elevated Exhaled Nitric Oxide in Newborns of Atopic Mothers Precedes Respiratory Symptoms. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 1292-1298.	2.5	72