

List of Publications by Citations

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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.

75 papers	2,519 citations	24 h-index	49 g-index
96 ext. papers	3,439 ext. citations	6.5 avg, IF	5.01 L-index

#	Paper	IF	Citations
75	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. <i>European Respiratory Journal</i> , 2013 , 41, 507-22	13.6	449
74	Safety and efficacy of inhaled nebulised interferon beta-1a (SNG001) for treatment of SARS-CoV-2 infection: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 196-206	35.1	219
73	VX-659-Tezacaftor-Ivacaftor in Patients with Cystic Fibrosis and One or Two Phe508del Alleles. <i>New England Journal of Medicine</i> , 2018 , 379, 1599-1611	59.2	209
72	Lung clearance index is a sensitive, repeatable and practical measure of airways disease in adults with cystic fibrosis. <i>Thorax</i> , 2008 , 63, 135-40	7.3	151
71	Robust SARS-CoV-2-specific T cell immunity is maintained at 6 months following primary infection. <i>Nature Immunology</i> , 2021 , 22, 620-626	19.1	150
70	Efficacy and complications of small-bore, wire-guided chest drains. <i>Chest</i> , 2006 , 130, 1857-63	5.3	120
69	Lung clearance index in the assessment of airways disease. <i>Respiratory Medicine</i> , 2009 , 103, 793-9	4.6	103
68	Changes in physiological, functional and structural markers of cystic fibrosis lung disease with treatment of a pulmonary exacerbation. <i>Thorax</i> , 2013 , 68, 532-9	7.3	94
67	Ventilation heterogeneity in children with well controlled asthma with normal spirometry indicates residual airways disease. <i>Thorax</i> , 2009 , 64, 33-7	7.3	73
66	Effects of ivacaftor in patients with cystic fibrosis who carry the G551D mutation and have severe lung disease. <i>Chest</i> , 2014 , 146, 152-158	5.3	68
65	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1275-1287	35.1	58
64	Preschool Multiple-Breath Washout Testing. An Official American Thoracic Society Technical Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, e1-e19	10.2	56
63	Detection of early subclinical lung disease in children with cystic fibrosis by lung ventilation imaging with hyperpolarised gas MRI. <i>Thorax</i> , 2017 , 72, 760-762	7.3	49
62	Lung clearance index is a repeatable and sensitive indicator of radiological changes in bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 586-92	10.2	49
61	Lung clearance index in cystic fibrosis subjects treated for pulmonary exacerbations. <i>European Respiratory Journal</i> , 2015 , 46, 1055-64	13.6	41
60	Longitudinal Assessment of Children with Mild Cystic Fibrosis Using Hyperpolarized Gas Lung Magnetic Resonance Imaging and Lung Clearance Index. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 397-400	10.2	41
59	Effects of cystic fibrosis lung disease on gas mixing indices derived from alveolar slope analysis. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 162, 197-203	2.8	35

58	Sweat chloride is not a useful marker of clinical response to Ivacaftor. <i>Thorax</i> , 2014 , 69, 586-7	7.3	29
57	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. <i>Respiratory Research</i> , 2014 , 15, 59	7.3	29
56	Can early Burkholderia cepacia complex infection in cystic fibrosis be eradicated with antibiotic therapy?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2011 , 1, 18	5.9	28
55	Putting lung function and physiology into perspective: cystic fibrosis in adults. <i>Respirology</i> , 2015 , 20, 33-45	3.6	27
54	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. <i>Cochrane Database of Systematic Reviews</i> , 2012 , 10, CD009529		27
53	Serological surveillance of SARS-CoV-2: Six-month trends and antibody response in a cohort of public health workers. <i>Journal of Infection</i> , 2021 , 82, 162-169	18.9	27
52	Itraconazole and inhaled fluticasone causing hypothalamic-pituitary-adrenal axis suppression in adults with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 399-402	4.1	25
51	Feasibility and challenges of using multiple breath washout in COPD. <i>International Journal of COPD</i> , 2018 , 13, 2113-2119	3	24
50	Evaluation of the impact of alveolar nitrogen excretion on indices derived from multiple breath nitrogen washout. <i>PLoS ONE</i> , 2013 , 8, e73335	3.7	23
49	Patterns of regional lung physiology in cystic fibrosis using ventilation magnetic resonance imaging and multiple-breath washout. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	23
48	Aspergillosis and the role of mucins in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2017 , 52, 548-555	3.5	21
47	Enhanced photoacoustic gas analyser response time and impact on accuracy at fast ventilation rates during multiple breath washout. <i>PLoS ONE</i> , 2014 , 9, e98487	3.7	19
46	Reassessment of the importance of mucins in determining sputum properties in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014 , 13, 260-6	4.1	17
45	Physical, cognitive and mental health impacts of COVID-19 following hospitalisation in a multi-centre prospective cohort study		17
44	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. <i>The Cochrane Library</i> , 2016 , CD009529	5.2	16
43	Handheld computers in medicine: the way forward. <i>Postgraduate Medical Journal</i> , 2005 , 81, 481-2	2	12
42	Ventilation heterogeneity and the benefits and challenges of multiple breath washout testing in patients with cystic fibrosis. <i>Paediatric Respiratory Reviews</i> , 2015 , 16 Suppl 1, 15-8	4.8	11
41	Closed circuit rebreathing to achieve inert gas wash-in for multiple breath wash-out. <i>ERJ Open Research</i> , 2016 , 2,	3.5	11

40	The assessment of short and long term changes in lung function in CF using Xe MRI. <i>European Respiratory Journal</i> , 2020 ,	13.6	10
39	Using social media to improve communication with people with cystic fibrosis. <i>ERJ Open Research</i> , 2016 , 2,	3.5	9
38	An immunocytochemical assay to detect human CFTR expression following gene transfer. <i>Molecular and Cellular Probes</i> , 2009 , 23, 272-80	3.3	8
37	Serological surveillance of SARS-CoV-2: Six-month trends and antibody response in a cohort of public health workers		7
36	Characterising post-COVID syndrome more than 6 months after acute infection in adults; prospective longitudinal cohort study, England		7
35	Accurate lung volume measurements in vitro using a novel inert gas washout method suitable for infants. <i>Pediatric Pulmonology</i> , 2016 , 51, 491-7	3.5	7
34	Simultaneous sulfur hexafluoride and nitrogen multiple-breath washout (MBW) to examine inherent differences in MBW outcomes. <i>ERJ Open Research</i> , 2019 , 5,	3.5	7
33	Antibiotic treatment for <i>Burkholderia cepacia</i> complex in people with cystic fibrosis experiencing a pulmonary exacerbation. <i>The Cochrane Library</i> , 2020 , 4, CD009529	5.2	6
32	Gout and hyperuricaemia in adults with cystic fibrosis. <i>Journal of the Royal Society of Medicine</i> , 2011 , 104 Suppl 1, S36-9	2.3	6
31	Implications of fatherhood in cystic fibrosis. <i>Paediatric Respiratory Reviews</i> , 2019 , 31, 18-20	4.8	5
30	Assessing arthritis in the context of cystic fibrosis. <i>Pediatric Pulmonology</i> , 2019 , 54, 770-777	3.5	5
29	<i>Burkholderia latens</i> infection in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2011 , 10, 291-2	4.1	5
28	Supine posture changes lung volumes and increases ventilation heterogeneity in cystic fibrosis. <i>PLoS ONE</i> , 2017 , 12, e0188275	3.7	5
27	Spectral graph theory efficiently characterizes ventilation heterogeneity in lung airway networks. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200253	4.1	5
26	Lung clearance index in detection of post-transplant bronchiolitis obliterans syndrome. <i>ERJ Open Research</i> , 2019 , 5,	3.5	5
25	A novel method for infant multiple breath washout: First report in clinical practice. <i>Pediatric Pulmonology</i> , 2019 , 54, 1284-1290	3.5	4
24	Commentaries on Viewpoint: Using the same cut-off for sulfur hexafluoride and nitrogen multiple-breath washout may not be appropriate. <i>Journal of Applied Physiology</i> , 2015 , 119, 1513-4	3.7	4
23	Robust SARS-CoV-2-specific T-cell immunity is maintained at 6 months following primary infection		4

22	Monitoring early stage lung disease in cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2020 , 26, 671-678	3	4
21	Modelling structural determinants of ventilation heterogeneity: A perturbative approach. <i>PLoS ONE</i> , 2018 , 13, e0208049	3.7	4
20	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in. <i>PLoS ONE</i> , 2020 , 15, e0229300	3.7	3
19	The effect of acute maximal exercise on the regional distribution of ventilation using ventilation MRI in CF. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 625-631	4.1	3
18	A multimodal approach to detect and monitor early lung disease in cystic fibrosis. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 761-772	3.8	3
17	Composition of airway bacterial community correlates with chest HRCT in adults with bronchiectasis. <i>Respirology</i> , 2020 , 25, 64-70	3.6	3
16	Reply: lung clearance index in primary ciliary dyskinesia and bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 1148-9	10.2	2
15	Empire-CF study: A phase 2 clinical trial of leukotriene A4 hydrolase inhibitor acebilustat in adult subjects with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 1026-1034	4.1	2
14	Comment on Comparison of lung clearance index determined by washout of N2 and SF6 in infants and preschool children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019 , 18, e26-e27	4.1	1
13	ERS International Congress, Madrid, 2019: highlights from the Paediatric Assembly. <i>ERJ Open Research</i> , 2020 , 6,	3.5	1
12	Discordance between clinical, physiological, and radiological measures in cystic fibrosis. <i>Respirology Case Reports</i> , 2014 , 2, 129-31	0.9	1
11	Impact of airway Exophiala spp. on children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 702-707	4.1	0
10	Author's response: heterogeneity of change in LCI in patients with cystic fibrosis following antibiotic treatment. <i>Thorax</i> , 2014 , 69, 184	7.3	
9	A very breathless woman. <i>BMJ, The</i> , 2011 , 343, d5935	5.9	
8	Challenge for a new era-importance of ensuring accuracy of genotype in cystic fibrosis registries. <i>Journal of Cystic Fibrosis</i> , 2016 , 15, e50-1	4.1	
7	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in 2020 , 15, e0229300		
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- 2 Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in **2020**, 15, e0229300
- 1 Model-based Bayesian inference of the ventilation distribution in patients with cystic fibrosis from multiple breath washout, with comparison to ventilation MRI.. *Respiratory Physiology and Neurobiology*, **2022**, 302, 103919 2.8