Alex R Horsley

List of Publications by Year in Descending Order

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	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	
74	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. *Lancet Respiratory Medicine,the*, **2021**, 9, 1275-1287	35.1	58
73	The effect of acute maximal exercise on the regional distribution of ventilation using ventilation MRI in CF. *Journal of Cystic Fibrosis*, **2021**, 20, 625-631	4.1	3
72	Robust SARS-CoV-2-specific T cell immunity is maintained at 6 months following primary infection. *Nature Immunology*, **2021**, 22, 620-626	19.1	150
71	A multimodal approach to detect and monitor early lung disease in cystic fibrosis. *Expert Review of Respiratory Medicine*, **2021**, 15, 761-772	3.8	3
70	Serological surveillance of SARS-CoV-2: Six-month trends and antibody response in a cohort of public health workers. *Journal of Infection*, **2021**, 82, 162-169	18.9	27
69	Impact of airway Exophiala spp. on children with cystic fibrosis. *Journal of Cystic Fibrosis*, **2021**, 20, 702-707	4.1	0
68	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. *Lancet Respiratory Medicine,the*, **2021**, 9, 196-206	35.1	219
67	Empire-CF study: A phase 2 clinical trial of leukotriene A4 hydrolase inhibitor acebilustat in adult subjects with cystic fibrosis. *Journal of Cystic Fibrosis*, **2021**, 20, 1026-1034	4.1	2
66	ERS International Congress, Madrid, 2019: highlights from the Paediatric Assembly. *ERJ Open Research*, **2020**, 6,	3.5	1
65	The assessment of short and long term changes in lung function in CF using Xe MRI. *European Respiratory Journal*, **2020**,	13.6	10
64	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in. *PLoS ONE*, **2020**, 15, e0229300	3.7	3
63	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. *The Cochrane Library*, **2020**, 4, CD009529	5.2	6
62	Monitoring early stage lung disease in cystic fibrosis. *Current Opinion in Pulmonary Medicine*, **2020**, 26, 671-678	3	4
61	Spectral graph theory efficiently characterizes ventilation heterogeneity in lung airway networks. *Journal of the Royal Society Interface*, **2020**, 17, 20200253	4.1	5
60	Composition of airway bacterial community correlates with chest HRCT in adults with bronchiectasis. *Respirology*, **2020**, 25, 64-70	3.6	3
59	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in **2020**, 15, e0229300		

58	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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54	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in **2020**, 15, e0229300		
53	A novel method for infant multiple breath washout: First report in clinical practice. *Pediatric Pulmonology*, **2019**, 54, 1284-1290	3.5	4
52	Implications of fatherhood in cystic fibrosis. *Paediatric Respiratory Reviews*, **2019**, 31, 18-20	4.8	5
51	Assessing arthritis in the context of cystic fibrosis. *Pediatric Pulmonology*, **2019**, 54, 770-777	3.5	5
50	Comment on Comparison of lung clearance index determined by washout of N2 and SF6 in infants and preschool children with cystic fibrosis. *Journal of Cystic Fibrosis*, **2019**, 18, e26-e27	4.1	1
49	Lung clearance index in detection of post-transplant bronchiolitis obliterans syndrome. *ERJ Open Research*, **2019**, 5,	3.5	5
48	Simultaneous sulfur hexafluoride and nitrogen multiple-breath washout (MBW) to examine inherent differences in MBW outcomes. *ERJ Open Research*, **2019**, 5,	3.5	7
47	Preschool Multiple-Breath Washout Testing. An Official American Thoracic Society Technical Statement. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, e1-e19	10.2	56
46	Longitudinal Assessment of Children with Mild Cystic Fibrosis Using Hyperpolarized Gas Lung Magnetic Resonance Imaging and Lung Clearance Index. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, 397-400	10.2	41
45	Modelling structural determinants of ventilation heterogeneity: A perturbative approach. *PLoS ONE*, **2018**, 13, e0208049	3.7	4
44	Patterns of regional lung physiology in cystic fibrosis using ventilation magnetic resonance imaging and multiple-breath washout. *European Respiratory Journal*, **2018**, 52,	13.6	23
43	VX-659-Tezacaftor-Ivacaftor in Patients with Cystic Fibrosis and One or Two Phe508del Alleles. *New England Journal of Medicine*, **2018**, 379, 1599-1611	59.2	209
42	Feasibility and challenges of using multiple breath washout in COPD. *International Journal of COPD*, **2018**, 13, 2113-2119	3	24
41	Detection of early subclinical lung disease in children with cystic fibrosis by lung ventilation imaging with hyperpolarised gas MRI. *Thorax*, **2017**, 72, 760-762	7.3	49

40	Aspergillosis and the role of mucins in cystic fibrosis. *Pediatric Pulmonology*, **2017**, 52, 548-555	3.5	21
39	Supine posture changes lung volumes and increases ventilation heterogeneity in cystic fibrosis. *PLoS ONE*, **2017**, 12, e0188275	3.7	5
38	Closed circuit rebreathing to achieve inert gas wash-in for multiple breath wash-out. *ERJ Open Research*, **2016**, 2,	3.5	11
37	Using social media to improve communication with people with cystic fibrosis. *ERJ Open Research*, **2016**, 2,	3.5	9
36	Accurate lung volume measurements in vitro using a novel inert gas washout method suitable for infants. *Pediatric Pulmonology*, **2016**, 51, 491-7	3.5	7
35	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. *The Cochrane Library*, **2016**, CD009529	5.2	16
34	Challenge for a new era-importance of ensuring accuracy of genotype in cystic fibrosis registries. *Journal of Cystic Fibrosis*, **2016**, 15, e50-1	4.1	
33	Lung clearance index in cystic fibrosis subjects treated for pulmonary exacerbations. *European Respiratory Journal*, **2015**, 46, 1055-64	13.6	41
32	Putting lung function and physiology into perspective: cystic fibrosis in adults. *Respirology*, **2015**, 20, 33-45	3.6	27
31	Ventilation heterogeneity and the benefits and challenges of multiple breath washout testing in patients with cystic fibrosis. *Paediatric Respiratory Reviews*, **2015**, 16 Suppl 1, 15-8	4.8	11
30	Commentaries 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, 1513-4	3.7	4
29	Sweat chloride is not a useful marker of clinical response to Ivacaftor. *Thorax*, **2014**, 69, 586-7	7.3	29
28	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. *Respiratory Research*, **2014**, 15, 59	7.3	29
27	Effects of ivacaftor in patients with cystic fibrosis who carry the G551D mutation and have severe lung disease. *Chest*, **2014**, 146, 152-158	5.3	68
26	Reply: lung clearance index in primary ciliary dyskinesia and bronchiectasis. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 1148-9	10.2	2
25	Authors' response: heterogeneity of change in LCI in patients with cystic fibrosis following antibiotic treatment. *Thorax*, **2014**, 69, 184	7.3	
24	Discordance between clinical, physiological, and radiological measures in cystic fibrosis. *Respirology Case Reports*, **2014**, 2, 129-31	0.9	1
23	Lung clearance index is a repeatable and sensitive indicator of radiological changes in bronchiectasis. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 586-92	10.2	49

22	Reassessment of the importance of mucins in determining sputum properties in cystic fibrosis. *Journal of Cystic Fibrosis*, **2014**, 13, 260-6	4.1	17
21	Enhanced photoacoustic gas analyser response time and impact on accuracy at fast ventilation rates during multiple breath washout. *PLoS ONE*, **2014**, 9, e98487	3.7	19
20	Changes in physiological, functional and structural markers of cystic fibrosis lung disease with treatment of a pulmonary exacerbation. *Thorax*, **2013**, 68, 532-9	7.3	94
19	Itraconazole and inhaled fluticasone causing hypothalamic-pituitary-adrenal axis suppression in adults with cystic fibrosis. *Journal of Cystic Fibrosis*, **2013**, 12, 399-402	4.1	25
18	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. *European Respiratory Journal*, **2013**, 41, 507-22	13.6	449
17	Evaluation of the impact of alveolar nitrogen excretion on indices derived from multiple breath nitrogen washout. *PLoS ONE*, **2013**, 8, e73335	3.7	23
16	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. *Cochrane Database of Systematic Reviews*, **2012**, 10, CD009529		27
15	Burkholderia latens infection in cystic fibrosis. *Journal of Cystic Fibrosis*, **2011**, 10, 291-2	4.1	5
14	Can early Burkholderia cepacia complex infection in cystic fibrosis be eradicated with antibiotic therapy?. *Frontiers in Cellular and Infection Microbiology*, **2011**, 1, 18	5.9	28
13	A very breathless woman. *BMJ, The*, **2011**, 343, d5935	5.9	
12	Gout and hyperuricaemia in adults with cystic fibrosis. *Journal of the Royal Society of Medicine*, **2011** , 104 Suppl 1, S36-9	2.3	6
11	Lung clearance index in the assessment of airways disease. *Respiratory Medicine*, **2009**, 103, 793-9	4.6	103
10	An immunocytochemical assay to detect human CFTR expression following gene transfer. *Molecular and Cellular Probes*, **2009**, 23, 272-80	3.3	8
9	Ventilation heterogeneity in children with well controlled asthma with normal spirometry indicates residual airways disease. *Thorax*, **2009**, 64, 33-7	7.3	73
8	Effects of cystic fibrosis lung disease on gas mixing indices derived from alveolar slope analysis. *Respiratory Physiology and Neurobiology*, **2008**, 162, 197-203	2.8	35
7	Lung clearance index is a sensitive, repeatable and practical measure of airways disease in adults with cystic fibrosis. *Thorax*, **2008**, 63, 135-40	7.3	151
6	Efficacy and complications of small-bore, wire-guided chest drains. *Chest*, **2006**, 130, 1857-63	5.3	120
5	Handheld computers in medicine: the way forward. *Postgraduate Medical Journal*, **2005**, 81, 481-2	2	12

4	Robust SARS-CoV-2-specific T-cell immunity is maintained at 6 months following primary infection	4
3	Serological surveillance of SARS-CoV-2: Six-month trends and antibody response in a cohort of public health workers	7
2	Characterising post-COVID syndrome more than 6 months after acute infection in adults; prospective longitudinal cohort study, England	7
1	Physical, cognitive and mental health impacts of COVID-19 following hospitalisation multi-centre prospective cohort study	17