Alex R Horsley

List of Publications by Year
in descending order

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85	4,062	201674	128289
papers	citations	27 h-index	60 g-index

96	96	96	6045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consensus statement for inert gas washout measurement using multiple- and single- breath tests. European Respiratory Journal, 2013, 41, 507-522.	6.7	631
2	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.	10.7	394
3	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.	10.7	370
4	Robust SARS-CoV-2-specific T cell immunity is maintained at 6 months following primary infection. Nature Immunology, 2021, 22, 620-626.	14.5	320
5	VX-659â€“Tezacaftorâ€“Ivacaftor in Patients with Cystic Fibrosis and One or Two Phe508del Alleles. New England Journal of Medicine, 2018, 379, 1599-1611.	27.0	280
6	Lung clearance index is a sensitive, repeatable and practical measure of airways disease in adults with cystic fibrosis. Thorax, 2007, 63, 135-140.	5.6	193
7	Efficacy and Complications of Small-Bore, Wire-Guided Chest Drains. Chest, 2006, 130, 1857-1863.	0.8	135
8	Lung clearance index in the assessment of airways disease. Respiratory Medicine, 2009, 103, 793-799.	2.9	128
9	Changes in physiological, functional and structural markers of cystic fibrosis lung disease with treatment of a pulmonary exacerbation. Thorax, 2013, 68, 532-539.	5.6	121
10	Ventilation heterogeneity in children with well controlled asthma with normal spirometry indicates residual airways disease. Thorax, 2008, 64, 33-37.	5.6	97
11	Preschool Multiple-Breath Washout Testing. An Official American Thoracic Society Technical Statement. American Journal of Respiratory and Critical Care Medicine, 2018, 197, e1-e19.	5.6	92
12	Effects of Ivacaftor in Patients With Cystic Fibrosis Who Carry the G551D Mutation and Have Severe Lung Disease. Chest, 2014, 146, 152-158.	0.8	85
13	Detection of early subclinical lung disease in children with cystic fibrosis by lung ventilation imaging with hyperpolarised gas MRI. Thorax, 2017, 72, 760-762.	5.6	70
14	Lung Clearance Index Is a Repeatable and Sensitive Indicator of Radiological Changes in Bronchiectasis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 586-592.	5.6	67
15	Lung clearance index in cystic fibrosis subjects treated for pulmonary exacerbations. European Respiratory Journal, 2015, 46, 1055-1064.	6.7	61
16	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.	3.3	61
17	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.	5.6	54
18	Effects of cystic fibrosis lung disease on gas mixing indices derived from alveolar slope analysis. Respiratory Physiology and Neurobiology, 2008, 162, 197-203.	1.6	50

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19	Putting lung function and physiology into perspective: cystic fibrosis in adults. Respirology, 2015, 20, 33-45.	2.3	43
20	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. Respiratory Research, 2014, 15, 59.	3.6	39
21	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. The Cochrane Library, 2016, , CD009529.	2.8	39
22	Can Early Burkholderia cepacia Complex Infection in Cystic Fibrosis be Eradicated with Antibiotic Therapy?. Frontiers in Cellular and Infection Microbiology, 2011, 1, 18.	3.9	38
23	Sweat chloride is not a useful marker of clinical response to Ivacaftor. Thorax, 2014, 69, 586-587.	5.6	35
24	Patterns of regional lung physiology in cystic fibrosis using ventilation magnetic resonance imaging and multiple-breath washout. European Respiratory Journal, 2018, 52, 1800821.	6.7	35
25	Itraconazole and inhaled fluticasone causing hypothalamicâ€“pituitaryâ€“adrenal axis suppression in adults with cystic fibrosis. Journal of Cystic Fibrosis, 2013, 12, 399-402.	0.7	33
26	Antibiotic treatment forBurkholderia cepaciacomplex in people with cystic fibrosis experiencing a pulmonary exacerbation. , 2012, 10, CD009529.		30
27	Feasibility and challenges of using multiple breath washout in COPD. International Journal of COPD, 2018, Volume 13, 2113-2119.	2.3	30
28	Evaluation of the Impact of Alveolar Nitrogen Excretion on Indices Derived from Multiple Breath Nitrogen Washout. PLoS ONE, 2013, 8, e73335.	2.5	29
29	Aspergillosis and the role of mucins in cystic fibrosis. Pediatric Pulmonology, 2017, 52, 548-555.	2.0	28
30	The assessment of short- and long-term changes in lung function in cystic fibrosis using 129Xe MRI. European Respiratory Journal, 2020, 56, 2000441.	6.7	25
31	What is the importance of classifyingAspergillusdisease in cystic fibrosis patients?. Expert Review of Respiratory Medicine, 2014, 8, 389-392.	2.5	21
32	Simultaneous sulfur hexafluoride and nitrogen multiple-breath washout (MBW) to examine inherent differences in MBW outcomes. ERJ Open Research, 2019, 5, 00234-2018.	2.6	20
33	Antibiotic treatment for Burkholderia cepacia complex in people with cystic fibrosis experiencing a pulmonary exacerbation. The Cochrane Library, 2020, 4, CD009529.	2.8	20
34	Enhanced Photoacoustic Gas Analyser Response Time and Impact on Accuracy at Fast Ventilation Rates during Multiple Breath Washout. PLoS ONE, 2014, 9, e98487.	2.5	20
35	Reassessment of the importance of mucins in determining sputum properties in cystic fibrosis. Journal of Cystic Fibrosis, 2014, 13, 260-266.	0.7	18
36	Ventilation heterogeneity and the benefits and challenges of multiple breath washout testing in patients with cystic fibrosis. Paediatric Respiratory Reviews, 2015, 16, 15-18.	1.8	18

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37	Monitoring early stage lung disease in cystic fibrosis. Current Opinion in Pulmonary Medicine, 2020, 26, 671-678.	2.6	16
38	Joint patient and clinician priority setting to identify 10 key research questions regarding the long-term sequelae of COVID-19. Thorax, 2022, 77, 717-720.	5.6	16
39	Handheld computers in medicine: the way forward. Postgraduate Medical Journal, 2005, 81, 481-482.	1.8	15
40	Closed circuit rebreathing to achieve inert gas wash-in for multiple breath wash-out. ERJ Open Research, 2016, 2, 00042-2015.	2.6	14
41	Spectral graph theory efficiently characterizes ventilation heterogeneity in lung airway networks. Journal of the Royal Society Interface, 2020, 17, 20200253.	3.4	12
42	Longitudinal assessment of lung clearance index to monitor disease progression in children and adults with cystic fibrosis. Thorax, 2022, 77, 357-363.	5.6	11
43	An immunocytochemical assay to detect human CFTR expression following gene transfer. Molecular and Cellular Probes, 2009, 23, 272-280.	2.1	10
44	Using social media to improve communication with people with cystic fibrosis. ERJ Open Research, 2016, 2, 00015-2016.	2.6	10
45	Assessing arthritis in the context of cystic fibrosis. Pediatric Pulmonology, 2019, 54, 770-777.	2.0	10
46	The effect of acute maximal exercise on the regional distribution of ventilation using ventilation MRI in CF. Journal of Cystic Fibrosis, 2020, 20, 625-631.	0.7	10
47	Accurate lung volume measurements in vitro using a novel inert gas washout method suitable for infants. Pediatric Pulmonology, 2016, 51, 491-497.	2.0	9
48	Lung clearance index in detection of post-transplant bronchiolitis obliterans syndrome. ERJ Open Research, 2019, 5, 00164-2019.	2.6	9
49	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.	0.7	9
50	Modelling structural determinants of ventilation heterogeneity: A perturbative approach. PLoS ONE, 2018, 13, e0208049.	2.5	8
51	Implications of fatherhood in cystic fibrosis. Paediatric Respiratory Reviews, 2019, 31, 18-20.	1.8	7
52	A multimodal approach to detect and monitor early lung disease in cystic fibrosis. Expert Review of Respiratory Medicine, 2021, 15, 761-772.	2.5	7
53	Supine posture changes lung volumes and increases ventilation heterogeneity in cystic fibrosis. PLoS ONE, 2017, 12, e0188275.	2.5	7
54	Large scale clinical trials: lessons from the COVID-19 pandemic. BMJ Open Respiratory Research, 2022, 9, e001226.	3.0	7

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55	Burkholderia latens infection in cystic fibrosis. Journal of Cystic Fibrosis, 2011, 10, 291-292.	0.7	6
56	Gout and hyperuricaemia in adults with cystic fibrosis. Journal of the Royal Society of Medicine, 2011, 104, 36-39.	2.0	6
57	A novel method for infant multiple breath washout: First report in clinical practice. Pediatric Pulmonology, 2019, 54, 1284-1290.	2.0	6
58	Composition of airway bacterial community correlates with chest HRCT in adults with bronchiectasis. Respirology, 2020, 25, 64-70.	2.3	6
59	Surface-tension-driven evolution of a viscoplastic liquid coating the interior of a cylindrical tube. Journal of Fluid Mechanics, 2022, 944, .	3.4	6
60	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, 1513-1514.	2.5	5
61	Orkambi in patients with severe disease â€" Bumps in the road to CFTR modulation. Journal of Cystic Fibrosis, 2017, 16, 311-312.	0.7	4
62	Lung clearance index in healthy volunteers, measured using a novel portable system with a closed circuit wash-in. PLoS ONE, 2020, 15, e0229300.	2.5	4
63	Impact of airway Exophiala spp. on children with cystic fibrosis. Journal of Cystic Fibrosis, 2021, 20, 702-707.	0.7	4
64	Discordance between clinical, physiological, and radiological measures in cystic fibrosis. Respirology Case Reports, 2014, 2, 129-131.	0.6	3
65	Better late than never: correcting the error in the Exhalyzer nitrogen washout system. Journal of Applied Physiology, 2021, 131, 1286-1287.	2.5	3
66	Reply: Lung Clearance Index in Primary Ciliary Dyskinesia and Bronchiectasis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1148-1149.	5.6	2
67	ERS International Congress 2020: highlights from the Paediatric Assembly. ERJ Open Research, 2021, 7, 00893-2020.	2.6	2
68	112â€ƒMusculoskeletal symptoms represent a significant burden for adults with cystic fibrosis. Rheumatology, 2018, 57, .	1.9	1
69	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.	0.7	1
70	ERS International Congress, Madrid, 2019: highlights from the Paediatric Assembly. ERJ Open Research, 2020, 6, 00063-2020.	2.6	1
71	Chapter 1 Genetics and pathophysiology. , 2010, , .		1
72	The potential of closed circuit lung clearance index (LCI) to provide longitudinal clinical utility in cystic fibrosis (CF). , 2019, , .		1

#	Article	IF	Citations
73	HPV-associated complications post lung transplantation: why prevention is better than â€˜noâ€™ cure. Thorax, 2022, 77, 539-539.	5.6	1
74	A very breathless woman. BMJ: British Medical Journal, 2011, 343, d5935-d5935.	2.3	0
75	Author's response: heterogeneity of change in LCI in patients with cystic fibrosis following antibiotic treatment. Thorax, 2014, 69, 184.2-184.	5.6	0
76	Challenge for a new eraâ€”importance of ensuring accuracy of genotype in cystic fibrosis registries. Journal of Cystic Fibrosis, 2016, 15, e50-e51.	0.7	0
77	Effect of intermittent inspiratory leaks on measurement of lung clearance index using nitrogen and sulfur hexafluoride. ERJ Open Research, 2018, 4, 00132-2018.	2.6	0
78	Chapter 5 Management of respiratory exacerbations. , 2010, , .		0
79	Title is missing!. , 2020, 15, e0229300.		0
80	Title is missing!. , 2020, 15, e0229300.		0
81	Title is missing!. , 2020, 15, e0229300.		0
82	Title is missing!. , 2020, 15, e0229300.		0
83	Title is missing!. , 2020, 15, e0229300.		0
84	Title is missing!. , 2020, 15, e0229300.		0
85	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.	1.6	0