Daniel Schuermans

List of Publications by Year
in descending order

21 papers	693 citations	758635 12 h-index	794141 19 g-index
21 all docs	21 docs citations	21 times ranked	710 citing authors

#	Article	IF	Citations
1	European Respiratory Society guidelines for the diagnosis of asthma in adults. European Respiratory Journal, 2022, 60, 2101585.	3.1	84
2	Peak In- and Expiratory Flow Revisited: Reliability and Reference Values in Adults. Respiration, 2021, 100, 11-18.	1.2	6
3	Adaptive Excitation Signals for Low-Frequency Forced Oscillation Technique Measurements in Patients. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	2.4	2
4	Reply: Fixed breathing protocols in multiple-breath-washout testing: truly an option in children?. European Respiratory Journal, 2021, 57, 2100189.	3.1	0
5	Evolution of lung function and chest CT 6 months after COVID-19 pneumonia: Real-life data from a Belgian University Hospital. Respiratory Medicine, 2021, 182, 106421.	1.3	24
6	Mitigating increased variability of multiple breath washout indices due to tidal breathing. European Respiratory Journal, 2021, 57, 2002765.	3.1	6
7	COVID-19 and biologics in severe asthma: data from the Belgian Severe Asthma Registry. European Respiratory Journal, 2020, 56, 2002857.	3.1	52
8	Ventilation heterogeneity in smokers: role of unequal lung expansion and peripheral lung structure. Journal of Applied Physiology, 2020, 129, 583-590.	1.2	14
9	Reply to Robbins: Multi-breath washout tests: indices versus model parameters. Journal of Applied Physiology, 2020, 129, 1278-1278.	1.2	0
10	Aligning Lung Function Equipment and Reference Values in Adults. Respiration, 2019, 98, 246-252.	1.2	9
11	The Functional Correlate of the Loss of Terminal Bronchioles in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1633-1635.	2.5	12
12	The quantitative link of lung clearance index to bronchial segments affected by bronchiectasis. Thorax, 2018, 73, 82-84.	2.7	19
13	Inhaled Aerosol Distribution in Human Airways: A Scintigraphy-Guided Study in a 3D Printed Model. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2016, 29, 525-533.	0.7	27
14	Transfer factor, lung volumes, resistance and ventilation distribution in healthy adults. European Respiratory Journal, 2016, 47, 166-176.	3.1	51
15	Acinar and conductive ventilation heterogeneity in severe CF lung disease: Back to the model. Respiratory Physiology and Neurobiology, 2013, 188, 124-132.	0.7	34
16	Relationships between the lung clearance index and conductive and acinar ventilation heterogeneity. Journal of Applied Physiology, 2012, 112, 782-790.	1.2	67
17	Methacholine versus histamine: paradoxical response of spirometry and ventilation distribution. Journal of Applied Physiology, 2001, 91, 2587-2594.	1.2	15
18	Saline aerosol bolus dispersion. II. The effect of conductive airway alteration. Journal of Applied Physiology, 2001, 90, 1763-1769.	1.2	13

#	Article	IF	Citations
19	Saline aerosol bolus dispersion. I. The effect of acinar airway alteration. Journal of Applied Physiology, 2001, 90, 1754-1762.	1.2	12
20	Evidence of Acinar Airway Involvement in Asthma. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1545-1550.	2.5	116
21	Conductive and Acinar Lung-zone Contributions to Ventilation Inhomogeneity in COPD. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1573-1577.	2.5	130