Per Wollmer

List of Publications by Year
in descending order

97 papers	1,569 citations	361045 20 h-index	360668 35 g-index
98 all docs	98 docs citations	98 times ranked	2450 citing authors

#	Article	IF	Citations
1	Functional and structural impairments of the pulmonary system in middle-aged people with cervical and upper thoracic spinal cord injuries. Journal of Spinal Cord Medicine, 2023, 46, 732-741.	0.7	1
2	Reliability of external impulse oscillometry reference values for assessing respiratory health in Swedish adults. Clinical and Experimental Allergy, 2022, 52, 355-358.	1.4	2
3	Lung function and self-rated symptoms in healthy volunteers after exposure to hydrotreated vegetable oil (HVO) exhaust with and without particles. Particle and Fibre Toxicology, 2022, 19, 9.	2.8	6
4	Common physiologic and proteomic biomarkers in pulmonary and coronary artery disease. PLoS ONE, 2022, 17, e0264376.	1.1	3
5	Single-nucleotide polymorphisms in the sulfatase-modifying factor 1 gene are associated with lung function and COPD. ERJ Open Research, 2022, 8, 00668-2021.	1.1	2
6	Changes in Athletic Performance in Children Attending a Secondary School with a Physical Activity Profile. Sports, 2022, 10, 71.	0.7	4
7	Mixed Airway and Pulmonary Parenchymal Disease in Patients With Primary Sjögren Syndrome: A 6-year Follow-up. Journal of Rheumatology, 2021, 48, 232-240.	1.0	4
8	Lung function is associated with tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) levels in school-aged children. Respiratory Medicine, 2021, 176, 106235.	1.3	1
9	Impaired cerebral oxygenation in heart failure patients at rest and during head–up tilt testing. ESC Heart Failure, 2021, 8, 586-594.	1.4	6
10	The ratio FEV_1/FVC and its association to respiratory symptoms—A Swedish general population study. Clinical Physiology and Functional Imaging, 2021, 41, 181-191.	0.5	10
11	Automated Bone Scan Index as an Imaging Biomarker to Predict Overall Survival in the Zometa European Study/SPCG11. European Urology Oncology, 2021, 4, 49-55.	2.6	9
12	Airspace Dimension Assessment (AiDA) by inhaled nanoparticles: benchmarking with hyperpolarised 129Xe diffusion-weighted lung MRI. Scientific Reports, 2021, 11, 4721.	1.6	9
13	Airspace dimension assessment with nanoparticles as a proposed biomarker for emphysema. Thorax, 2021, 76, 1040-1043.	2.7	5
14	Post-reconstruction enhancement of [18F]FDG PET images with a convolutional neural network. EJNMMI Research, 2021, 11, 48.	1.1	8
15	Within–session reproducibility of forced oscillometry. Clinical Physiology and Functional Imaging, 2021, 41, 401-407.	0.5	9
16	Bronchodilator response in FOT parameters in middle-aged adults from SCAPIS: normal values and relationship to asthma and wheezing. European Respiratory Journal, 2021, 58, 2100229.	3.1	9
17	Postural orientation, what to expect in youth athletes? A cohort study on data from the Malmö Youth Sport Study. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 76.	0.7	1
18	The association between carotid-femoral pulse-wave velocity and lung function in the Swedish CArdioPulmonary bioImage study (SCAPIS) cohort. Respiratory Medicine, 2021, 185, 106504.	1.3	8

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19	The associations between red cell distribution width and lung function measures in a general population. Respiratory Medicine, 2021, 185, 106467.	1.3	1
20	Physical activity spectrum discriminant analysisâ€"A method to compare detailed patterns between groups. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2333-2342.	1.3	6
21	Low lung function, sudden cardiac death and non-fatal coronary events in the general population. BMJ Open Respiratory Research, 2021, 8, e001043.	1.2	2
22	Lung Function and Health Status in Individuals with Severe Alpha-1-Antitrypsin Deficiency at the Age of 42. International Journal of COPD, 2021, Volume 16, 3477-3485.	0.9	1
23	Visual and Quantitative Evaluation of Emphysema: A Case-Control Study of 1111 Participants in the Pilot Swedish CArdioPulmonary BioImage Study (SCAPIS). Academic Radiology, 2020, 27, 636-643.	1.3	9
24	Measures of lung function and their relationship with advanced glycation end-products. ERJ Open Research, 2020, 6, 00356-2019.	1.1	8
25	Chronic airflow limitation and its relation to respiratory symptoms among ever-smokers and never-smokers: a cross-sectional study. BMJ Open Respiratory Research, 2020, 7, e000600.	1.2	5
26	Evaluation of 18F-FDG uptake in lung parenchyma compensating forÂtissue fraction: Comparison between non-enhanced low dose CT and intravenous contrast-enhanced diagnostic CT. Nuklearmedizin - NuclearMedicine, 2020, 59, 20-25.	0.3	0
27	Relative Age Effect of Sport Academy Adolescents, a Physiological Evaluation. Sports, 2020, 8, 5.	0.7	6
28	Low lung function and the risk of incident chronic kidney disease in the MalmÃ¶ Preventive Project cohort. BMC Nephrology, 2020, 21, 124.	0.8	7
29	Assessment of Global Lung Function Initiative (GLI) reference equations for diffusing capacity in relation to respiratory burden in the Swedish CArdioPulmonary bioImage Study (SCAPIS). European Respiratory Journal, 2020, 56, 1901995.	3.1	9
30	Dehydration affects drug transport over nasal mucosa. Drug Delivery, 2019, 26, 831-840.	2.5	6
31	The use of a proposed updated EARL harmonization of 18F-FDG PET-CT in patients with lymphoma yields significant differences in Deauville score compared with current EARL recommendations. EJNMMI Research, 2019, 9, 65.	1.1	27
32	Measurement of airway inflammation in current smokers by positron emission tomography. Clinical Physiology and Functional Imaging, 2019, 39, 393-398.	0.5	2
33	Comparison of conventional and Si-photomultiplier-based PET systems for image quality and diagnostic performance. BMC Medical Imaging, 2019, 19, 81.	1.4	10
34	Oscillometry in Chronic Obstructive Lung Disease: In vitro and in vivo evaluation of the impulse oscillometry and tremoflo devices. Scientific Reports, 2019, 9, 11618.	1.6	17
35	Relative and absolute lung function change in a general population agedÂ60â€"102â€¦years. European Respiratory Journal, 2019, 53, 1701812.	3.1	29
36	Schoolâ€based study found that physical activity and aerobic fitness predicted increases in total body fat and abdominal fat at a mean age of 9.8 years. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1810-1817.	0.7	2

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37	Markers of cardiovascular autonomic dysfunction predict COPD in middle-aged subjects. European Respiratory Journal, 2018, 51, 1702481.	3.1	14
38	Irregularity and lack of p waves in short tachycardia episodes predict atrial fibrillation and ischemic stroke. Heart Rhythm, 2018, 15, 805-811.	0.3	22
39	Galectin-3 levels relate in children to total body fat, abdominal fat, body fat distribution, and cardiac size. European Journal of Pediatrics, 2018, 177, 461-467.	1.3	6
40	A prospective study to evaluate the intra-individual reproducibility of bone scans for quantitative assessment in patients with metastatic prostate cancer. BMC Medical Imaging, 2018, 18, 8.	1.4	2
41	ST segment depression on 24-hour electrocardiography predicts incident atrial fibrillation in two population-based cohorts. Europace, 2018, 20, 429-434.	0.7	5
42	Brain natriuretic peptide levels in middle aged subjects with normal left ventricular function in relation to mild–moderate COPD. Clinical Respiratory Journal, 2018, 12, 1061-1067.	0.6	0
43	Airspace Dimension Assessment with nanoparticles reflects lung density as quantified by MRI. International Journal of Nanomedicine, 2018, Volume 13, 2989-2995.	3.3	8
44	High prevalence of undiagnosed COPD among patients evaluated for suspected myocardial ischaemia. Open Heart, 2018, 5, e000848.	0.9	6
45	Lung function and CT lung densitometry in 37- to 39-year-old individuals with alpha-1-antitrypsin deficiency. International Journal of COPD, 2018, Volume 13, 3689-3698.	0.9	18
46	Measures of low lung function and the prediction of incident COPD events and acute coronary events. Respiratory Medicine, 2018, 144, 68-73.	1.3	9
47	Breathlessness measurement should be standardised for the level of exertion. European Respiratory Journal, 2018, 51, 1800486.	3.1	31
48	Altered deposition of inhaled nanoparticles in subjects with chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2018, 18, 129.	0.8	29
49	Dysregulation of the "inflammatory reflex" with abnormal neurohumoral activation may contribute to proinflammatory activity driving the progression of COPD. European Respiratory Journal, 2018, 51, 1800806.	3.1	1
50	Do nanoparticles provide a new opportunity for diagnosis of distal airspace disease?. International Journal of Nanomedicine, 2017, Volume 12, 41-51.	3.3	21
51	Fixed ratio or lower limit of normal for the FEV_1/VC ratio: relation to symptoms and extended lung function tests. Clinical Physiology and Functional Imaging, 2017, 37, 263-269.	0.5	13
52	Echocardiographic consequences of smoking status in middle-aged subjects. Echocardiography, 2017, 34, 14-19.	0.3	2
53	Total body fat, abdominal fat, body fat distribution and surrogate markers for health related to adipocyte fatty acid-binding protein (FABP4) in children. Journal of Pediatric Endocrinology and Metabolism, 2017, 30, 375-382.	0.4	5
54	Respiratory symptoms are poor predictors of concomitant chronic obstructive pulmonary disease in patients with primary Sjögren's syndrome. Rheumatology International, 2017, 37, 813-818.	1.5	12

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55	The Association of Lung Clearance Index with COPD and FEV^1 Reduction in 'Men Born in 1914'. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 324-329.	0.7	8
56	Temporal trend of autonomic nerve function and HSP27, MIF and PAI-1 in type 1 diabetes. Journal of Clinical and Translational Endocrinology, 2017, 8, 15-21.	1.0	9
57	Serum Potassium Is Positively Associated With Stroke and Mortality in the Large, Population-Based Malmö Preventive Project Cohort. Stroke, 2017, 48, 2973-2978.	1.0	19
58	Cystatin B, cathepsin L and D related to surrogate markers for cardiovascular disease in children. PLoS ONE, 2017, 12, e0187494.	1.1	6
59	The change of longitudinal relaxation rate in oxygen enhanced pulmonary MRI depends on age and BMI but not diffusing capacity of carbon monoxide in healthy never-smokers. PLoS ONE, 2017, 12, e0177670.	1.1	4
60	Vital capacity and COPD: the Swedish CArdioPulmonary bioImage Study (SCAPIS). International Journal of COPD, 2016, 11, 927.	0.9	30
61	A new method for measuring lung deposition efficiency of airborne nanoparticles in a single breath. Scientific Reports, 2016, 6, 36147.	1.6	27
62	Correlation between physical activity, aerobic fitness and body fat against autonomic function profile in children. Clinical Autonomic Research, 2016, 26, 197-203.	1.4	3
63	Bone Scan Index as an Imaging Biomarker in Metastatic Castration-resistant Prostate Cancer: A Multicentre Study Based on Patients Treated with Abiraterone Acetate (Zytiga) in Clinical Practice. European Urology Focus, 2016, 2, 540-546.	1.6	27
64	Influence of age and sex on the longitudinal relaxation time, T1, of the lung in healthy never-smokers. Journal of Magnetic Resonance Imaging, 2016, 43, 1250-1257.	1.9	10
65	Bone Scan Index and Progression-free Survival Data for Progressive Metastatic Castration-resistant Prostate Cancer Patients Who Received ODM-201 in the ARADES Multicentre Study. European Urology Focus, 2016, 2, 547-552.	1.6	13
66	The temporal relationship between poor lung function and the risk of diabetes. BMC Pulmonary Medicine, 2016, 16, 75.	0.8	29
67	Lung function, forced expiratory volume in 1 s decline and COPD hospitalisations over 44 years of follow-up. European Respiratory Journal, 2016, 47, 742-750.	3.1	11
68	Incidence of airflow limitation in subjects 65–100 years of age. European Respiratory Journal, 2016, 47, 461-472.	3.1	43
69	T1 Relaxation Time in Lungs of Asymptomatic Smokers. PLoS ONE, 2016, 11, e0149760.	1.1	8
70	Bone Scan Index as an imaging biomarker to predict overall survival in the Zeus/SPCG11 study.. Journal of Clinical Oncology, 2016, 34, e16599-e16599.	0.8	0
71	Chronic Obstructive Pulmonary Disease Is Common in Never-smoking Patients with Primary Sjögren Syndrome. Journal of Rheumatology, 2015, 42, 464-471.	1.0	17
72	Fixed ratio or lower limit of normal as cut-off value for FEV 1 /VC: Response to the letter by Vaz Fragoso et al.. Respiratory Medicine, 2015, 109, 929.	1.3	0

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73	Bone scan index as a biomarker to predict outcome in real-life mCRPC patients on abiraterone acetate: A multicenter study.. Journal of Clinical Oncology, 2015, 33, 217-217.	0.8	0
74	Aerosolised radionuclides for functional imaging in COPD/asthma. Clinical and Translational Imaging, 2014, 2, 403-413.	1.1	1
75	Bone Scan Index as a prognostic imaging biomarker during androgen deprivation therapy. EJNMMI Research, 2014, 4, 58.	1.1	28
76	Accuracy of Brain Amyloid Detection in Clinical Practice Using Cerebrospinal Fluid Î²-Amyloid 42. JAMA Neurology, 2014, 71, 1282.	4.5	300
77	Fixed ratio or lower limit of normal as cut-off value for FEV1/VC: An outcome study. Respiratory Medicine, 2013, 107, 1460-1462.	1.3	30
78	The effect of exercise on the absorption of inhaled human insulin in healthy volunteers. British Journal of Clinical Pharmacology, 2008, 65, 165-171.	1.1	5
79	Delivering Needle-Free Insulin Using AERxÂ® iDMS (Insulin Diabetes Management System) Technology. Diabetes Technology and Therapeutics, 2007, 9, S-57-S-64.	2.4	17
80	Site of deposition and absorption of an inhaled hydrophilic solute. British Journal of Clinical Pharmacology, 2007, 63, 722-731.	1.1	19
81	Planar gamma scintigraphyâ€"points to consider when quantifying pulmonary dry powder aerosol deposition. International Journal of Pharmaceutics, 2003, 258, 227-240.	2.6	16
82	The Impact of Smoking on Inhaled Insulin. Diabetes Care, 2003, 26, 677-682.	4.3	118
83	Blood pressure increase between 55 and 68 years of age is inversely related to lung function: longitudinal results from the cohort study â€˜Men born in 1914â€™. Journal of Hypertension, 2001, 19, 1203-1208.	0.3	60
84	Air pollutants and tear film stability - a method for experimental evaluation. Clinical Physiology, 2001, 21, 282-286.	0.7	21
85	Alveolar albumin leakage during large tidal volume ventilation and surfactant dysfunction. Clinical Physiology, 2001, 21, 421-427.	0.7	2
86	Timolol increased retrobulbar flow velocities in untreated glaucoma eyes but not in ocular hypertension. Acta Ophthalmologica, 2001, 79, 455-461.	0.4	24
87	Occurrence and Prognostic Significance of Ventricular Arrhythmia Is Related to Pulmonary Function. Circulation, 2001, 103, 3086-3091.	1.6	86
88	Changes in transfer factor of the lung in response to bronchodilatation. Clinical Physiology, 2000, 20, 14-18.	0.7	7
89	Surface active agents as enhancers of alveolar absorption. Pharmaceutical Research, 2000, 17, 38-41.	1.7	12
90	Lung clearance of intratracheally instilled 99m Tc-tobramycin using pulmonary surfactant as vehicle. British Journal of Pharmacology, 1999, 126, 1091-1096.	2.7	23

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91	Glucose utilisation in the lungs of septic rats. European Journal of Nuclear Medicine and Molecular Imaging, 1999, 26, 1340-1344.	3.3	17
92	Surface activity of tear fluid in normal subjects. Acta Ophthalmologica, 1998, 76, 438-441.	0.4	20
93	Plasma exudation in the skin measured by external detection of conversion electrons. European Journal of Nuclear Medicine and Molecular Imaging, 1996, 23, 290-294.	2.2	3
94	Different kinetics of lung clearance of technetium-99m labelled diethylene triamine penta-acetic acid in patients with sarcoidosis and smokers. European Journal of Nuclear Medicine and Molecular Imaging, 1994, 21, 1218-22.	2.2	8
95	Exercise Increases the Rate of Pulmonary Absorption of Inhaled Terbutaline. Chest, 1992, 101, 742-745.	0.4	35
96	Comments on: ?Changes in pulmonary mean transit time demonstrated by the scintigraphic first pass technique in patients receiving radiation therapy?. European Journal of Nuclear Medicine and Molecular Imaging, 1988, 14, 577.	2.2	0
97	Airspace Dimension Assessment with Nanoparticles (AiDA) in Comparison to Established Pulmonary Function Tests. International Journal of Nanomedicine, 0, Volume 17, 2777-2790.	3.3	3