

Per Wollmer

List of Publications by Year in descending order

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Version: 2024-02-01

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	Accuracy of Brain Amyloid Detection in Clinical Practice Using Cerebrospinal Fluid $\hat{\text{I}}^2$ -Amyloid 42. JAMA Neurology, 2014, 71, 1282.	4.5	300
2	The Impact of Smoking on Inhaled Insulin. Diabetes Care, 2003, 26, 677-682.	4.3	118
3	Occurrence and Prognostic Significance of Ventricular Arrhythmia Is Related to Pulmonary Function. Circulation, 2001, 103, 3086-3091.	1.6	86
4	Blood pressure increase between 55 and 68 years of age is inversely related to lung function: longitudinal results from the cohort study "Men born in 1914". Journal of Hypertension, 2001, 19, 1203-1208.	0.3	60
5	Incidence of airflow limitation in subjects 65-100 years of age. European Respiratory Journal, 2016, 47, 461-472.	3.1	43
6	Exercise Increases the Rate of Pulmonary Absorption of Inhaled Terbutaline. Chest, 1992, 101, 742-745.	0.4	35
7	Breathlessness measurement should be standardised for the level of exertion. European Respiratory Journal, 2018, 51, 1800486.	3.1	31
8	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
9	Vital capacity and COPD: the Swedish CARDioPulmonary biolmage Study (SCAPIS). International Journal of COPD, 2016, 11, 927.	0.9	30
10	The temporal relationship between poor lung function and the risk of diabetes. BMC Pulmonary Medicine, 2016, 16, 75.	0.8	29
11	Altered deposition of inhaled nanoparticles in subjects with chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2018, 18, 129.	0.8	29
12	Relative and absolute lung function change in a general population aged 60-102 years. European Respiratory Journal, 2019, 53, 1701812.	3.1	29
13	Bone Scan Index as a prognostic imaging biomarker during androgen deprivation therapy. EJNMMI Research, 2014, 4, 58.	1.1	28
14	A new method for measuring lung deposition efficiency of airborne nanoparticles in a single breath. Scientific Reports, 2016, 6, 36147.	1.6	27
15	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
16	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
17	Timolol increased retrobulbar flow velocities in untreated glaucoma eyes but not in ocular hypertension. Acta Ophthalmologica, 2001, 79, 455-461.	0.4	24
18	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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19	Irregularity and lack of p waves in short tachycardia episodes predict atrial fibrillation and ischemic stroke. <i>Heart Rhythm</i> , 2018, 15, 805-811.	0.3	22
20	Air pollutants and tear film stability - a method for experimental evaluation. <i>Clinical Physiology</i> , 2001, 21, 282-286.	0.7	21
21	Do nanoparticles provide a new opportunity for diagnosis of distal airspace disease?. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 41-51.	3.3	21
22	Surface activity of tear fluid in normal subjects. <i>Acta Ophthalmologica</i> , 1998, 76, 438-441.	0.4	20
23	Site of deposition and absorption of an inhaled hydrophilic solute. <i>British Journal of Clinical Pharmacology</i> , 2007, 63, 722-731.	1.1	19
24	Serum Potassium Is Positively Associated With Stroke and Mortality in the Large, Population-Based Malmö Preventive Project Cohort. <i>Stroke</i> , 2017, 48, 2973-2978.	1.0	19
25	Lung function and CT lung densitometry in 37- to 39-year-old individuals with alpha-1-antitrypsin deficiency. <i>International Journal of COPD</i> , 2018, Volume 13, 3689-3698.	0.9	18
26	Glucose utilisation in the lungs of septic rats. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 1340-1344.	3.3	17
27	Delivering Needle-Free Insulin Using AERx® iDMS (Insulin Diabetes Management System) Technology. <i>Diabetes Technology and Therapeutics</i> , 2007, 9, S-57-S-64.	2.4	17
28	Chronic Obstructive Pulmonary Disease Is Common in Never-smoking Patients with Primary Sjögren Syndrome. <i>Journal of Rheumatology</i> , 2015, 42, 464-471.	1.0	17
29	Oscillometry in Chronic Obstructive Lung Disease: In vitro and in vivo evaluation of the impulse oscillometry and tremoflo devices. <i>Scientific Reports</i> , 2019, 9, 11618.	1.6	17
30	Planar gamma scintigraphy points to consider when quantifying pulmonary dry powder aerosol deposition. <i>International Journal of Pharmaceutics</i> , 2003, 258, 227-240.	2.6	16
31	Markers of cardiovascular autonomic dysfunction predict COPD in middle-aged subjects. <i>European Respiratory Journal</i> , 2018, 51, 1702481.	3.1	14
32	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. <i>European Urology Focus</i> , 2016, 2, 547-552.	1.6	13
33	Fixed ratio or lower limit of normal for the FEV ₁ /VC ratio: relation to symptoms and extended lung function tests. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 263-269.	0.5	13
34	Surface active agents as enhancers of alveolar absorption. <i>Pharmaceutical Research</i> , 2000, 17, 38-41.	1.7	12
35	Respiratory symptoms are poor predictors of concomitant chronic obstructive pulmonary disease in patients with primary Sjögren's syndrome. <i>Rheumatology International</i> , 2017, 37, 813-818.	1.5	12
36	Lung function, forced expiratory volume in 1 s decline and COPD hospitalisations over 44 years of follow-up. <i>European Respiratory Journal</i> , 2016, 47, 742-750.	3.1	11

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37	Influence of age and sex on the longitudinal relaxation time, T1, of the lung in healthy never-smokers. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1250-1257.	1.9	10
38	Comparison of conventional and Si-photomultiplier-based PET systems for image quality and diagnostic performance. <i>BMC Medical Imaging</i> , 2019, 19, 81.	1.4	10
39	The ratio FEV ₁ /FVC and its association to respiratory symptoms – A Swedish general population study. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 181-191.	0.5	10
40	Temporal trend of autonomic nerve function and HSP27, MIF and PAI-1 in type 1 diabetes. <i>Journal of Clinical and Translational Endocrinology</i> , 2017, 8, 15-21.	1.0	9
41	Measures of low lung function and the prediction of incident COPD events and acute coronary events. <i>Respiratory Medicine</i> , 2018, 144, 68-73.	1.3	9
42	Visual and Quantitative Evaluation of Emphysema: A Case-Control Study of 1111 Participants in the Pilot Swedish CardioPulmonary BioImage Study (SCAPIS). <i>Academic Radiology</i> , 2020, 27, 636-643.	1.3	9
43	Automated Bone Scan Index as an Imaging Biomarker to Predict Overall Survival in the Zometa European Study/SPCG11. <i>European Urology Oncology</i> , 2021, 4, 49-55.	2.6	9
44	Airspace Dimension Assessment (AiDA) by inhaled nanoparticles: benchmarking with hyperpolarised ¹²⁹ Xe diffusion-weighted lung MRI. <i>Scientific Reports</i> , 2021, 11, 4721.	1.6	9
45	Within-session reproducibility of forced oscillometry. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 401-407.	0.5	9
46	Bronchodilator response in FOT parameters in middle-aged adults from SCAPIS: normal values and relationship to asthma and wheezing. <i>European Respiratory Journal</i> , 2021, 58, 2100229.	3.1	9
47	Assessment of Global Lung Function Initiative (GLI) reference equations for diffusing capacity in relation to respiratory burden in the Swedish CardioPulmonary bioImage Study (SCAPIS). <i>European Respiratory Journal</i> , 2020, 56, 1901995.	3.1	9
48	Different kinetics of lung clearance of technetium-99m labelled diethylene triamine penta-acetic acid in patients with sarcoidosis and smokers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1994, 21, 1218-22.	2.2	8
49	The Association of Lung Clearance Index with COPD and FEV ₁ Reduction in Men Born in 1914. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 324-329.	0.7	8
50	Airspace Dimension Assessment with nanoparticles reflects lung density as quantified by MRI. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2989-2995.	3.3	8
51	Measures of lung function and their relationship with advanced glycation end-products. <i>ERJ Open Research</i> , 2020, 6, 00356-2019.	1.1	8
52	Post-reconstruction enhancement of [18F]FDG PET images with a convolutional neural network. <i>EJNMMI Research</i> , 2021, 11, 48.	1.1	8
53	The association between carotid-femoral pulse-wave velocity and lung function in the Swedish CardioPulmonary bioImage study (SCAPIS) cohort. <i>Respiratory Medicine</i> , 2021, 185, 106504.	1.3	8
54	T1 Relaxation Time in Lungs of Asymptomatic Smokers. <i>PLoS ONE</i> , 2016, 11, e0149760.	1.1	8

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55	Changes in transfer factor of the lung in response to bronchodilatation. <i>Clinical Physiology</i> , 2000, 20, 14-18.	0.7	7
56	Low lung function and the risk of incident chronic kidney disease in the Malmö Preventive Project cohort. <i>BMC Nephrology</i> , 2020, 21, 124.	0.8	7
57	Galectin-3 levels relate in children to total body fat, abdominal fat, body fat distribution, and cardiac size. <i>European Journal of Pediatrics</i> , 2018, 177, 461-467.	1.3	6
58	High prevalence of undiagnosed COPD among patients evaluated for suspected myocardial ischaemia. <i>Open Heart</i> , 2018, 5, e000848.	0.9	6
59	Dehydration affects drug transport over nasal mucosa. <i>Drug Delivery</i> , 2019, 26, 831-840.	2.5	6
60	Relative Age Effect of Sport Academy Adolescents, a Physiological Evaluation. <i>Sports</i> , 2020, 8, 5.	0.7	6
61	Impaired cerebral oxygenation in heart failure patients at rest and during head-up tilt testing. <i>ESC Heart Failure</i> , 2021, 8, 586-594.	1.4	6
62	Physical activity spectrum discriminant analysis – A method to compare detailed patterns between groups. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2333-2342.	1.3	6
63	Cystatin B, cathepsin L and D related to surrogate markers for cardiovascular disease in children. <i>PLoS ONE</i> , 2017, 12, e0187494.	1.1	6
64	Lung function and self-rated symptoms in healthy volunteers after exposure to hydrotreated vegetable oil (HVO) exhaust with and without particles. <i>Particle and Fibre Toxicology</i> , 2022, 19, 9.	2.8	6
65	The effect of exercise on the absorption of inhaled human insulin in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2008, 65, 165-171.	1.1	5
66	Total body fat, abdominal fat, body fat distribution and surrogate markers for health related to adipocyte fatty acid-binding protein (FABP4) in children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 375-382.	0.4	5
67	ST segment depression on 24-hour electrocardiography predicts incident atrial fibrillation in two population-based cohorts. <i>Europace</i> , 2018, 20, 429-434.	0.7	5
68	Chronic airflow limitation and its relation to respiratory symptoms among ever-smokers and never-smokers: a cross-sectional study. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000600.	1.2	5
69	Airspace dimension assessment with nanoparticles as a proposed biomarker for emphysema. <i>Thorax</i> , 2021, 76, 1040-1043.	2.7	5
70	Mixed Airway and Pulmonary Parenchymal Disease in Patients With Primary Sjögren Syndrome: A 6-year Follow-up. <i>Journal of Rheumatology</i> , 2021, 48, 232-240.	1.0	4
71	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. <i>PLoS ONE</i> , 2017, 12, e0177670.	1.1	4
72	Changes in Athletic Performance in Children Attending a Secondary School with a Physical Activity Profile. <i>Sports</i> , 2022, 10, 71.	0.7	4

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73	Plasma exudation in the skin measured by external detection of conversion electrons. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 290-294.	2.2	3
74	Correlation between physical activity, aerobic fitness and body fat against autonomic function profile in children. <i>Clinical Autonomic Research</i> , 2016, 26, 197-203.	1.4	3
75	Common physiologic and proteomic biomarkers in pulmonary and coronary artery disease. <i>PLoS ONE</i> , 2022, 17, e0264376.	1.1	3
76	Airspace Dimension Assessment with Nanoparticles (AiDA) in Comparison to Established Pulmonary Function Tests. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2777-2790.	3.3	3
77	Alveolar albumin leakage during large tidal volume ventilation and surfactant dysfunction. <i>Clinical Physiology</i> , 2001, 21, 421-427.	0.7	2
78	Echocardiographic consequences of smoking status in middle-aged subjects. <i>Echocardiography</i> , 2017, 34, 14-19.	0.3	2
79	School-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. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1810-1817.	0.7	2
80	A prospective study to evaluate the intra-individual reproducibility of bone scans for quantitative assessment in patients with metastatic prostate cancer. <i>BMC Medical Imaging</i> , 2018, 18, 8.	1.4	2
81	Measurement of airway inflammation in current smokers by positron emission tomography. <i>Clinical Physiology and Functional Imaging</i> , 2019, 39, 393-398.	0.5	2
82	Low lung function, sudden cardiac death and non-fatal coronary events in the general population. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001043.	1.2	2
83	Reliability of external impulse oscillometry reference values for assessing respiratory health in Swedish adults. <i>Clinical and Experimental Allergy</i> , 2022, 52, 355-358.	1.4	2
84	Single-nucleotide polymorphisms in the sulfatase-modifying factor 1 gene are associated with lung function and COPD. <i>ERJ Open Research</i> , 2022, 8, 00668-2021.	1.1	2
85	Aerosolised radionuclides for functional imaging in COPD/asthma. <i>Clinical and Translational Imaging</i> , 2014, 2, 403-413.	1.1	1
86	Dysregulation of the "inflammatory reflex" with abnormal neurohumoral activation may contribute to proinflammatory activity driving the progression of COPD. <i>European Respiratory Journal</i> , 2018, 51, 1800806.	3.1	1
87	Lung function is associated with tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) levels in school-aged children. <i>Respiratory Medicine</i> , 2021, 176, 106235.	1.3	1
88	Postural orientation, what to expect in youth athletes? A cohort study on data from the Malmö Youth Sport Study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 76.	0.7	1
89	The associations between red cell distribution width and lung function measures in a general population. <i>Respiratory Medicine</i> , 2021, 185, 106467.	1.3	1
90	Functional and structural impairments of the pulmonary system in middle-aged people with cervical and upper thoracic spinal cord injuries. <i>Journal of Spinal Cord Medicine</i> , 2023, 46, 732-741.	0.7	1

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91	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
92	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
93	Fixed ratio or lower limit of normal as cut-off value for FEV 1 /VC: Response to the letter by Vaz Fragoso etÂal.. Respiratory Medicine, 2015, 109, 929.	1.3	0
94	Brain natriuretic peptide levels in middle aged subjects with normal left ventricular function in relation to mildâ€“moderate COPD. Clinical Respiratory Journal, 2018, 12, 1061-1067.	0.6	0
95	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
96	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
97	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