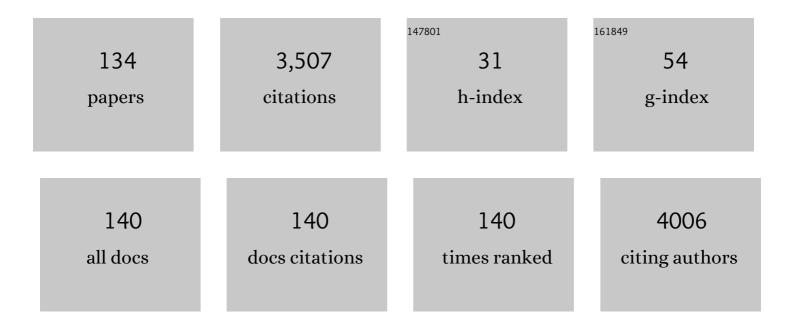
Päivi Liisa Piirilä

List of Publications by Year in descending order

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ΡΔαμίμεν Ρυσμάα

#	Article	IF	CITATIONS
1	Asthma and pregnancy: a prospective study of 198 pregnancies Thorax, 1988, 43, 12-18.	5.6	249
2	Dyspnoea: a multidimensional and multidisciplinary approach. European Respiratory Journal, 2014, 43, 1750-1762.	6.7	234
3	Crackles: recording, analysis and clinical significance. European Respiratory Journal, 1995, 8, 2139-2148.	6.7	157
4	Niacin Cures Systemic NAD+ Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. Cell Metabolism, 2020, 31, 1078-1090.e5.	16.2	154
5	Glutathione S-transferase genotypes and allergic responses to diisocyanate exposure. Pharmacogenetics and Genomics, 2001, 11, 437-445.	5.7	111
6	Age-specific incidence of allergic and non-allergic asthma. BMC Pulmonary Medicine, 2020, 20, 9.	2.0	109
7	Long-term Follow-up of Hexamethylene Diisocyanate-, Diphenylmethane Diisocyanate-, and Toluene Diisocyanate-induced Asthma. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 516-522.	5.6	104
8	Telomere length in circulating leukocytes is associated with lung function and disease. European Respiratory Journal, 2014, 43, 983-992.	6.7	103
9	Crackles in Patients with Fibrosing Alveolitis, Bronchiectasis, COPD, and Heart Failure. Chest, 1991, 99, 1076-1083.	0.8	94
10	N-Acetyltransferase genotypes as modifiers of diisocyanate exposure-associated asthma risk. Pharmacogenetics and Genomics, 2002, 12, 227-233.	5.7	92
11	Occupational respiratory hypersensitivity in dental personnel. International Archives of Occupational and Environmental Health, 2002, 75, 209-216.	2.3	82
12	Objective assessment of cough. European Respiratory Journal, 1995, 8, 1949-1956.	6.7	74
13	Occupational respiratory hypersensitivity caused by preparations containing acrylates in dental personnel. Clinical and Experimental Allergy, 1998, 28, 1404-1411.	2.9	74
14	Changes in Frequency Spectra of Breath Sounds During Histamine Challenge Test in Adult Asthmatics and Healthy Control Subjects. Chest, 1994, 105, 122-131.	0.8	69
15	Acquired obesity and poor physical fitness impair expression of genes of mitochondrial oxidative phosphorylation in monozygotic twins discordant for obesity. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E148-E154.	3.5	67
16	Upper abdominal symptoms in patients with Type 1 diabetes: unrelated to impairment in gastric emptying caused by autonomic neuropathy. Diabetic Medicine, 2008, 25, 570-577.	2.3	62
17	Modified Atkins diet induces subacute selective raggedâ€redâ€fiber lysis in mitochondrial myopathyÂpatients. EMBO Molecular Medicine, 2016, 8, 1234-1247.	6.9	56
18	Exposure to 4,4′-methylenediphenyl diisocyanate (MDI) during moulding of rigid polyurethane foam: determination of airborne MDI and urinary 4,4′-methylenedianiline (MDA). Analyst, The, 2001, 126, 476-479.	3.5	55

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#	Article	IF	CITATIONS
19	Differences in Acoustic and Dynamic Characteristics of Spontaneous Cough in Pulmonary Diseases. Chest, 1989, 96, 46-53.	0.8	53
20	Validated method for automatic detection of lung sound crackles. Medical and Biological Engineering and Computing, 1991, 29, 517-521.	2.8	52
21	Changes in Crackle Characteristics during the Clinical Course of Pneumonia. Chest, 1992, 102, 176-183.	0.8	52
22	Epigenome-wide association study of lung function level and its change. European Respiratory Journal, 2019, 54, 1900457.	6.7	49
23	Exposure to 2,4- and 2,6-toluene diisocyanate (TDI) during production of flexible foam: determination of airborne TDI and urinary 2,4- and 2,6-toluenediamine (TDA). Analyst, The, 2001, 126, 1025-1031.	3.5	46
24	Occupational asthma caused by decorative flowers: review and case reports. International Archives of Occupational and Environmental Health, 1994, 66, 131-136.	2.3	42
25	Age- and gender-specific incidence of new asthma diagnosis from childhood to late adulthood. Respiratory Medicine, 2019, 154, 56-62.	2.9	42
26	Elevated matrilysin levels in bronchoalveolar lavage fluid do not distinguish idiopathic pulmonary fibrosis from other interstitial lung diseases. Apmis, 2007, 115, 969-975.	2.0	41
27	Inflammation and functional outcome in diisocyanateâ€induced asthma after cessation of exposure. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 583-591.	5.7	39
28	Occupational IgEâ€mediated asthma, rhinoconjunctivitis, and contact urticaria caused by Easter lily () Tj ETQqC 273-277.	0 0 rgBT / 5.7	Overlock 10 T 37
29	Rhinitis caused by ninhydrin develops into occupational asthma. European Respiratory Journal, 1997, 10, 1918-1921.	6.7	34
30	Occupational IgE-mediated contact urticaria from diphenylmethane-4,4'-diisocyanate (MDI). Contact Dermatitis, 1999, 41, 50-51.	1.4	34
31	Decreased Cytokine and Chemokine mRNA Expression in Bronchoalveolar Lavage in Asymptomatic Smoking Subjects. Respiration, 2008, 75, 450-458.	2.6	34
32	Increase in prevalence of physician-diagnosed asthma in Helsinki during the Finnish Asthma Programme: improved recognition of asthma in primary care? A cross-sectional cohort study. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2013, 22, 64-71.	2.3	33
33	Combined Effect of Smoking and Occupational Exposure to Dusts, Gases or Fumes on the Incidence of COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 88-95.	1.6	33
34	The increase of asthma prevalence has levelled off and symptoms decreased in adults during 20 years from 1996 to 2016 in Helsinki, Finland. Respiratory Medicine, 2019, 155, 121-126.	2.9	32
35	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. Journal of Applied Physiology, 2011, 110, 681-686.	2.5	31
36	Association of genes of protease-antiprotease balance pathway to lung function and emphysema subtypes. BMC Pulmonary Medicine, 2013, 13, 36.	2.0	31

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#	Article	IF	CITATIONS
37	Averaged and Time-Gated Spectral Analysis of Respiratory Sounds. Chest, 1996, 109, 1283-1290.	0.8	27
38	Work, Unemployment and Life Satisfaction among Patients with Diisocyanate Induced Asthma—A Prospective Study. Journal of Occupational Health, 2005, 47, 112-118.	2.1	27
39	Clinical disease presentation and ECG characteristics of <i>LMNA</i> mutation carriers. Open Heart, 2017, 4, e000474.	2.3	26
40	Genes involved in innate immunity associated with asbestos-related fibrotic changes. Occupational and Environmental Medicine, 2014, 71, 48-54.	2.8	23
41	Patient with multiple acyl-CoA dehydrogenation deficiency disease and FLAD1 mutations benefits from riboflavin therapy. Neuromuscular Disorders, 2017, 27, 581-584.	0.6	23
42	International perception of lung sounds: a comparison of classification across some European borders. BMJ Open Respiratory Research, 2017, 4, e000250.	3.0	23
43	Asthma Remission by Age at Diagnosis and Gender in a Population-Based Study. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1950-1959.e4.	3.8	23
44	Long-term Recording and Automatic Analysis of Cough Using Filtered Acoustic Signals and Movements on Static Charge Sensitive Bed. Chest, 1988, 94, 970-975.	0.8	21
45	Beneficial effects of erythropoietin on haematological parameters, aerobic capacity, and body fluid composition in patients on haemodialysis. Journal of Internal Medicine, 1989, 226, 311-317.	6.0	21
46	Separation of pulmonary disorders with twoâ€dimensional discriminant analysis of crackles . Clinical Physiology, 1996, 16, 171-181.	0.7	21
47	Exhaled breath condensate as a source of biomarkers for lung carcinomas. A focus on genetic and epigenetic markers—A miniâ€review. Genes Chromosomes and Cancer, 2016, 55, 905-914.	2.8	19
48	Presence of cancer-associated mutations in exhaled breath condensates of healthy individuals by next generation sequencing. Oncotarget, 2017, 8, 18166-18176.	1.8	19
49	Cardiovascular autonomic responsiveness in postmenopausal women with and without hot flushes. Maturitas, 2011, 68, 368-373.	2.4	18
50	Smoking, environmental tobacco smoke and occupational irritants increase the risk of chronic rhinitis. World Allergy Organization Journal, 2018, 11, 6.	3.5	18
51	Atopic sensitization to common allergens without symptoms or signs of airway disorders does not increase exhaled nitric oxide. Clinical Respiratory Journal, 2008, 2, 141-148.	1.6	17
52	Repeatability of exhaled nitric oxide measurements in patients with COPD. Clinical Physiology and Functional Imaging, 2011, 31, 26-31.	1.2	16
53	Hotspot Mutations Detectable by Next-generation Sequencing in Exhaled Breath Condensates from Patients with Lung Cancer. Anticancer Research, 2018, 38, 5627-5634.	1.1	15

Beneficial Effects of Ketogenic Diet on Phosphofructokinase Deficiency (Glycogen Storage Disease) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5

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#	Article	IF	CITATIONS
55	Low socioeconomic status relates to asthma and wheeze, especially in women. ERJ Open Research, 2020, 6, 00258-2019.	2.6	15
56	Pocketâ€sized spirometer for monitoring bronchial challenge procedures. Clinical Physiology, 1996, 16, 633-643.	0.7	14
57	SERPINE2 haplotype as a risk factor for panlobular type of emphysema. BMC Medical Genetics, 2011, 12, 157.	2.1	14
58	Genetic susceptibility to asbestos-related fibrotic pleuropulmonary changes. European Respiratory Journal, 2011, 38, 672-678.	6.7	14
59	Matrix metalloproteinasesâ€7, â€8, â€9 and TIMPâ€1 in the followâ€up of diisocyanateâ€induced asthma. Allergy European Journal of Allergy and Clinical Immunology, 2010, 65, 61-68.	[:] 5.7	13
60	Physiological responses during and after intermittent sorting of postal parcels. Ergonomics, 1988, 31, 1165-1175.	2.1	12
61	Reactive Airways Dysfunction Syndrome from Acute Inhalation of Dishwasher Detergent Powder. Canadian Respiratory Journal, 2012, 19, e25-e27.	1.6	12
62	Bronchial hyperresponsiveness in an adult population in Helsinki: decreased FEV ₁ , the main determinant. Clinical Respiratory Journal, 2013, 7, 34-44.	1.6	12
63	Physical activity, cardiorespiratory fitness, and metabolic outcomes in monozygotic twin pairs discordant for body mass index. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1048-1055.	2.9	12
64	Impairment of lung function in asbestos-exposed workers in relation to high-resolution computed tomography. Scandinavian Journal of Work, Environment and Health, 2005, 31, 44-51.	3.4	12
65	Occupational asthma to hyacinth. Allergy: European Journal of Allergy and Clinical Immunology, 1998, 53, 328-329.	5.7	11
66	Respiratory Health in Aseptic Packaging with Hydrogen Peroxide: A Report of Two Cases. Journal of Occupational Health, 2002, 44, 433-438.	2.1	11
67	PFKMgene defect and glycogen storage disease GSDVII with misleading enzyme histochemistry. Neurology: Genetics, 2015, 1, e7.	1.9	11
68	Cardiorespiratory Fitness and Adiposity as Determinants of Metabolic Health—Pooled Analysis of Two Twin Cohorts. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1520-1528.	3.6	11
69	Level of education and asthma control in adult-onset asthma. Journal of Asthma, 2022, 59, 840-849.	1.7	11
70	Prolonged respiratory symptoms caused by thermal degradation products of freons. Scandinavian Journal of Work, Environment and Health, 2003, 29, 71-77.	3.4	11
71	Toolkit for lung sound analysis. Medical and Biological Engineering and Computing, 1995, 33, 190-195.	2.8	10
72	Lung sounds in asbestos induced pulmonary disorders. European Respiratory Journal, 2000, 16, 901-908.	6.7	10

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#	Article	IF	CITATIONS
73	Occupational asthma to ivy (Hedera helix). Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 482-483.	5.7	10
74	Repeatability of successive measurements with a portable nitric oxide analyser in patients with suggested or diagnosed asthma. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 830-832.	1.2	10
75	Menopausal hot flushes do not associate with changes in heart rate variability in controlled testing: a randomized trial on hormone therapy. Acta Obstetricia Et Gynecologica Scandinavica, 2013, 92, 902-908.	2.8	10
76	GOLD criteria overestimate airflow limitation in one-third of cases in the general Finnish population. ERJ Open Research, 2016, 2, 00084-2015.	2.6	10
77	Unique Exercise Lactate Profile in Muscle Phosphofructokinase Deficiency (Tarui Disease); Difference Compared with McArdle Disease. Frontiers in Neurology, 2016, 7, 82.	2.4	9
78	Association of findings in flowâ€volume spirometry with highâ€resolution computed tomography signs in asbestosâ€exposed male workers. Clinical Physiology and Functional Imaging, 2009, 29, 1-9.	1.2	8
79	Reduction in membrane component of diffusing capacity is associated with the extent of acute pulmonary embolism. Clinical Physiology and Functional Imaging, 2011, 31, 196-202.	1.2	8
80	Effect of hot flushes on cardiovascular autonomic responsiveness: A randomized controlled trial on hormone therapy. Maturitas, 2012, 72, 243-248.	2.4	8
81	Thoracic gas compression during forced expiration in patients with emphysema, interstitial lung disease and obesity. BMC Pulmonary Medicine, 2014, 14, 34.	2.0	7
82	Decreased Aerobic Capacity inÂANO5-Muscular Dystrophy. Journal of Neuromuscular Diseases, 2016, 3, 475-485.	2.6	7
83	The quality of spirometric examinations in Finland: results from a national questionnaire survey. Clinical Physiology and Functional Imaging, 2002, 22, 233-239.	1.2	6
84	Reactive Airway Dysfunction Syndrome (RADS) in a Chemistry Teacher Induced by Fumes of Mixed Iodine Compounds. Industrial Health, 2009, 47, 681-684.	1.0	6
85	Genetic polymorphisms of xenobiotic-metabolizing enzymes influence the risk of pulmonary emphysema. Pharmacogenetics and Genomics, 2011, 21, 876-883.	1.5	6
86	Lung function predicts mortality: 10-year follow-up after lung cancer screening among asbestos-exposed workers. International Archives of Occupational and Environmental Health, 2013, 86, 667-672.	2.3	6
87	Increased ventilatory response to exercise in symptomatic and asymptomatic <i>LMNA</i> mutation carriers: a followâ€up study. Clinical Physiology and Functional Imaging, 2017, 37, 8-16.	1.2	6
88	211th ENMC International Workshop:. Neuromuscular Disorders, 2017, 27, 1143-1151.	0.6	6
89	Dyspnea has an association with lifestyle: differences between Swedish and Finnish speaking persons in Western Finland. European Clinical Respiratory Journal, 2021, 8, 1855702.	1.5	6
90	Multimorbidity in Finnish and Swedish speaking Finns; association with daily habits and socioeconomic status – Nordic EpiLung cross-sectional study. Preventive Medicine Reports, 2021, 22, 101338.	1.8	6

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#	Article	IF	CITATIONS
91	Influence of Childhood Exposure to a Farming Environment on Age at Asthma Diagnosis in a Population-Based Study. Journal of Asthma and Allergy, 2021, Volume 14, 1081-1091.	3.4	6
92	Differences between Finnish and European reference values for pulmonary diffusing capacity. International Journal of Circumpolar Health, 2007, 66, 449-457.	1.2	5
93	Attenuated expression of tenascin-c in ovalbumin-challenged STAT4-/- mice. Respiratory Research, 2011, 12, 2.	3.6	5
94	Reduction of fractional exhaled nitric oxide (FENO) and its variation by mouth wash. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 253-257.	1.2	5
95	Associations Between Glutathione-S-Transferase Genotypes and Bronchial Hyperreactivity Patients With Di-isocyanate Induced Asthma. A Follow-Up Study. Frontiers in Medicine, 2019, 6, 220.	2.6	5
96	High but stable incidence of adult-onset asthma in northern Sweden over the last decades. ERJ Open Research, 2021, 7, 00262-2021.	2.6	5
97	NSAID-exacerbated respiratory disease: a population study. ERJ Open Research, 2022, 8, 00462-2021.	2.6	5
98	Exercise Prescription Enhances Maximal Oxygen Uptake and Anaerobic Threshold in Young Single Ventricle Patients with Fontan Circulation. Pediatric Cardiology, 2022, , 1.	1.3	5
99	Self-Reported Physician Diagnosed Asthma with COPD is Associated with Higher Mortality than Self-Reported Asthma or COPD Alone – A Prospective 24-Year Study in the Population of Helsinki, Finland. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2022, 19, 226-235.	1.6	5
100	Association of breathing sound spectra with glottal dimensions in exercise-induced vocal cord dysfunction. European Archives of Oto-Rhino-Laryngology, 2017, 274, 3933-3940.	1.6	4
101	Reduction of <i>F</i> _{ENO} by tap water and carbonated water mouthwashes: magnitude and time course. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 153-156.	1.2	4
102	Converting <scp><i>F</i>_{ENO}</scp> by different flows to standard flow <scp><i>F</i>_{ENO}</scp> . Clinical Physiology and Functional Imaging, 2019, 39, 315-321.	1.2	4
103	Pulmonary embolism location is associated with the co-existence of the deep venous thrombosis. Blood Coagulation and Fibrinolysis, 2019, 30, 188-192.	1.0	4
104	Relation Between Atherosclerotic Calcifications Detected in Chest Computed Tomography and Lung Function. Archivos De Bronconeumologia, 2009, 45, 376-381.	0.8	3
105	Proteomic Changes of Alveolar Lining Fluid in Illnesses Associated with Exposure to Inhaled Non-Infectious Microbial Particles. PLoS ONE, 2014, 9, e102624.	2.5	3
106	Occupation, socioeconomic status and chronic obstructive respiratory diseases – The EpiLung study in Finland, Estonia and Sweden. Respiratory Medicine, 2022, 191, 106403.	2.9	3
107	Socioeconomic inequalities in asthma and respiratory symptoms in a high-income country: changes from 1996 to 2016. Journal of Asthma, 2023, 60, 185-194.	1.7	3
108	Large lungs may predict increased air trapping in navy divers. Physiological Reports, 2022, 10, e15153.	1.7	3

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#	Article	IF	CITATIONS
109	Influence of mouthwashes on extended exhaled nitric oxide (FENO) analysis. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 450-455.	1.2	2
110	Restriction of lung volumes but normal function of pulmonary tissue in mulibrey nanism. Pediatric Pulmonology, 2020, 55, 122-129.	2.0	2
111	Parallel gradients in FENO and in the prevalences of asthma and atopy in adult general populations of Sweden, Finland and Estonia — A Nordic EpiLung study. Respiratory Medicine, 2020, 173, 106160.	2.9	2
112	Differences in diagnostic patterns of obstructive airway disease between areas and sex in Sweden and Finland - the Nordic EpiLung study. Journal of Asthma, 2020, 58, 1-12.	1.7	2
113	The combined effect of exposures to vapours, gases, dusts, fumes and tobacco smoke on current asthma. Clinical Respiratory Journal, 0, , .	1.6	2
114	Physiological and toxicological considerations. , 2020, , 111-226.		1
115	Modified Atkins diet modifies cardiopulmonary exercise characteristics and promotes hyperventilation in healthy subjects. Journal of Functional Foods, 2021, 81, 104459.	3.4	1
116	Nonoccupational Sensitization to Indoor Plants. Allergy and Clinical Immunology International, 2006, 18, 106-113.	0.3	1
117	Effect Of Highpass Filtering On The Original Waveform Of Lung Sound Crackles. , 0, , .		Ο
118	Occult tracheal tumour detected by lung function tests. Clinical Respiratory Journal, 2009, 3, 59-61.	1.6	0
119	Bronchial hyperresponsiveness in an adult population in Helsinki: decreased FEV1, the main determinant. Clinical Respiratory Journal, 2012, , no-no.	1.6	Ο
120	Detection of cancer associated mutations in exhaled breath condensates of healthy subjects by next generation sequencing. Annals of Oncology, 2017, 28, vii11.	1.2	0
121	Measurement of bronchial hyperreactivity: comparison of three Nordic dosimetric methods. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 222-229.	1.2	0
122	Age-specific incidence of new asthma diagnosis from childhood to late adulthood. , 2018, , .		0
123	Age at asthma diagnosis in subjects with and without allergic rhinitis , 2018, , .		Ο
124	Late Breaking Abstract - Conversion of FENO: from different flows to the standard flow , 2018, , .		0
125	Low income rather than low education is associated with respiratory symptoms in northern Sweden. , 2019, , .		0
126	Difference in Dyspnea between Swedish and Finnish Speaking Persons in Western Finland: Association		0

with Lifestyle. , 2019, , .

#	Article	IF	CITATIONS
127	Differences of FENO in adult general populations of Nordic regions. , 2019, , .		Ο
128	Age at asthma diagnosis and probability of remission in a population-based study. , 2020, , .		0
129	Do chronic obstructive lung diseases increase long-term mortality in Helsinki area - An Epilung study. , 2021, , .		0
130	Non-respiratory diseases in adults with and without asthma by age at diagnosis. , 2021, , .		0
131	Late Breaking Abstract - Childhood farming environment: Association to age at asthma diagnosis in a population-based study. , 2021, , .		0
132	Asthma in adults: association of asthma symptoms and age at asthma diagnosis. , 2020, , .		0
133	Risk factor pattern for asthma in 1996, 2006 and 2016 in Sweden – the OLIN and Nordic EpiLung studies. , 2020, , .		0
134	Multimorbidity in Finnish and Swedish speaking Finns – association with daily habits and socioeconomic status – A Nordic EpiLung study. , 2020, , .		0