

PÄivi Liisa PiirilÄ

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

3,507
citations

168829

31
h-index

182931

54
g-index

140
all docs

140
docs citations

140
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	Socioeconomic inequalities in asthma and respiratory symptoms in a high-income country: changes from 1996 to 2016. <i>Journal of Asthma</i> , 2023, 60, 185-194.	0.9	3
2	Level of education and asthma control in adult-onset asthma. <i>Journal of Asthma</i> , 2022, 59, 840-849.	0.9	11
3	Occupation, socioeconomic status and chronic obstructive respiratory diseases – The EpiLung study in Finland, Estonia and Sweden. <i>Respiratory Medicine</i> , 2022, 191, 106403.	1.3	3
4	NSAID-exacerbated respiratory disease: a population study. <i>ERJ Open Research</i> , 2022, 8, 00462-2021.	1.1	5
5	Exercise Prescription Enhances Maximal Oxygen Uptake and Anaerobic Threshold in Young Single Ventricle Patients with Fontan Circulation. <i>Pediatric Cardiology</i> , 2022, , 1.	0.6	5
6	Large lungs may predict increased air trapping in navy divers. <i>Physiological Reports</i> , 2022, 10, e15153.	0.7	3
7	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. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2022, 19, 226-235.	0.7	5
8	Asthma Remission by Age at Diagnosis and Gender in a Population-Based Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1950-1959.e4.	2.0	23
9	Dyspnea has an association with lifestyle: differences between Swedish and Finnish speaking persons in Western Finland. <i>European Clinical Respiratory Journal</i> , 2021, 8, 1855702.	0.7	6
10	High but stable incidence of adult-onset asthma in northern Sweden over the last decades. <i>ERJ Open Research</i> , 2021, 7, 00262-2021.	1.1	5
11	Modified Atkins diet modifies cardiopulmonary exercise characteristics and promotes hyperventilation in healthy subjects. <i>Journal of Functional Foods</i> , 2021, 81, 104459.	1.6	1
12	Multimorbidity in Finnish and Swedish speaking Finns; association with daily habits and socioeconomic status – Nordic EpiLung cross-sectional study. <i>Preventive Medicine Reports</i> , 2021, 22, 101338.	0.8	6
13	Influence of Childhood Exposure to a Farming Environment on Age at Asthma Diagnosis in a Population-Based Study. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 1081-1091.	1.5	6
14	Do chronic obstructive lung diseases increase long-term mortality in Helsinki area - An EpiLung study. , 2021, , .		0
15	Non-respiratory diseases in adults with and without asthma by age at diagnosis. , 2021, , .		0
16	Late Breaking Abstract - Childhood farming environment: Association to age at asthma diagnosis in a population-based study. , 2021, , .		0
17	Restriction of lung volumes but normal function of pulmonary tissue in mulibrey nanism. <i>Pediatric Pulmonology</i> , 2020, 55, 122-129.	1.0	2
18	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. <i>Respiratory Medicine</i> , 2020, 173, 106160.	1.3	2

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19	Physiological and toxicological considerations. , 2020, , 111-226.		1
20	Niacin Cures Systemic NAD+ Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. Cell Metabolism, 2020, 31, 1078-1090.e5.	7.2	154
21	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.	0.9	2
22	Beneficial Effects of Ketogenic Diet on Phosphofructokinase Deficiency (Glycogen Storage Disease) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	15
23	Measurement of bronchial hyperreactivity: comparison of three Nordic dosimetric methods. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 222-229.	0.6	0
24	Age-specific incidence of allergic and non-allergic asthma. BMC Pulmonary Medicine, 2020, 20, 9.	0.8	109
25	Low socioeconomic status relates to asthma and wheeze, especially in women. ERJ Open Research, 2020, 6, 00258-2019.	1.1	15
26	Age at asthma diagnosis and probability of remission in a population-based study. , 2020, , .		0
27	Asthma in adults: association of asthma symptoms and age at asthma diagnosis. , 2020, , .		0
28	Risk factor pattern for asthma in 1996, 2006 and 2016 in Sweden â€œ the OLIN and Nordic EpiLung studies. , 2020, , .		0
29	Multimorbidity in Finnish and Swedish speaking Finns â€œ association with daily habits and socioeconomic status â€œ A Nordic EpiLung study. , 2020, , .		0
30	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.	1.3	32
31	Epigenome-wide association study of lung function level and its change. European Respiratory Journal, 2019, 54, 1900457.	3.1	49
32	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.	1.2	5
33	Converting F_{50} by different flows to standard flow F_{25}. Clinical Physiology and Functional Imaging, 2019, 39, 315-321.	0.5	4
34	Age- and gender-specific incidence of new asthma diagnosis from childhood to late adulthood. Respiratory Medicine, 2019, 154, 56-62.	1.3	42
35	Pulmonary embolism location is associated with the co-existence of the deep venous thrombosis. Blood Coagulation and Fibrinolysis, 2019, 30, 188-192.	0.5	4
36	Low income rather than low education is associated with respiratory symptoms in northern Sweden. , 2019, , .		0

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37	Difference in Dyspnea between Swedish and Finnish Speaking Persons in Western Finland: Association with Lifestyle. , 2019, , .		0
38	Differences of FENO in adult general populations of Nordic regions. , 2019, , .		0
39	Reduction of <i>F_{ENO}</i> by tap water and carbonated water mouthwashes: magnitude and time course. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 153-156.	0.6	4
40	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.	1.3	12
41	Hotspot Mutations Detectable by Next-generation Sequencing in Exhaled Breath Condensates from Patients with Lung Cancer. Anticancer Research, 2018, 38, 5627-5634.	0.5	15
42	Influence of mouthwashes on extended exhaled nitric oxide (FENO) analysis. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 450-455.	0.6	2
43	Smoking, environmental tobacco smoke and occupational irritants increase the risk of chronic rhinitis. World Allergy Organization Journal, 2018, 11, 6.	1.6	18
44	Age-specific incidence of new asthma diagnosis from childhood to late adulthood. , 2018, , .		0
45	Age at asthma diagnosis in subjects with and without allergic rhinitis.. , 2018, , .		0
46	Late Breaking Abstract - Conversion of FENO: from different flows to the standard flow.. , 2018, , .		0
47	Increased ventilatory response to exercise in symptomatic and asymptomatic <i>LMNA</i> mutation carriers: a follow-up study. Clinical Physiology and Functional Imaging, 2017, 37, 8-16.	0.5	6
48	Patient with multiple acyl-CoA dehydrogenation deficiency disease and FLAD1 mutations benefits from riboflavin therapy. Neuromuscular Disorders, 2017, 27, 581-584.	0.3	23
49	Clinical disease presentation and ECG characteristics of <i>LMNA</i> mutation carriers. Open Heart, 2017, 4, e000474.	0.9	26
50	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.	1.8	11
51	Detection of cancer associated mutations in exhaled breath condensates of healthy subjects by next generation sequencing. Annals of Oncology, 2017, 28, viii11.	0.6	0
52	211th ENMC International Workshop:. Neuromuscular Disorders, 2017, 27, 1143-1151.	0.3	6
53	Association of breathing sound spectra with glottal dimensions in exercise-induced vocal cord dysfunction. European Archives of Oto-Rhino-Laryngology, 2017, 274, 3933-3940.	0.8	4
54	International perception of lung sounds: a comparison of classification across some European borders. BMJ Open Respiratory Research, 2017, 4, e000250.	1.2	23

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55	Presence of cancer-associated mutations in exhaled breath condensates of healthy individuals by next generation sequencing. <i>Oncotarget</i> , 2017, 8, 18166-18176.	0.8	19
56	GOLD criteria overestimate airflow limitation in one-third of cases in the general Finnish population. <i>ERJ Open Research</i> , 2016, 2, 00084-2015.	1.1	10
57	Unique Exercise Lactate Profile in Muscle Phosphofructokinase Deficiency (Tarui Disease); Difference Compared with McArdle Disease. <i>Frontiers in Neurology</i> , 2016, 7, 82.	1.1	9
58	Modified Atkins diet induces subacute selective raggedâ€redâ€fiber lysis in mitochondrial myopathyâ€patients. <i>EMBO Molecular Medicine</i> , 2016, 8, 1234-1247.	3.3	56
59	Decreased Aerobic Capacity inâ€NO5-Muscular Dystrophy. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 475-485.	1.1	7
60	Exhaled breath condensate as a source of biomarkers for lung carcinomas. A focus on genetic and epigenetic markersâ€”A miniâ€review. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 905-914.	1.5	19
61	PFKMgene defect and glycogen storage disease GSDVII with misleading enzyme histochemistry. <i>Neurology: Genetics</i> , 2015, 1, e7.	0.9	11
62	Proteomic Changes of Alveolar Lining Fluid in Illnesses Associated with Exposure to Inhaled Non-Infectious Microbial Particles. <i>PLoS ONE</i> , 2014, 9, e102624.	1.1	3
63	Combined Effect of Smoking and Occupational Exposure to Dusts, Gases or Fumes on the Incidence of COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 88-95.	0.7	33
64	Genes involved in innate immunity associated with asbestos-related fibrotic changes. <i>Occupational and Environmental Medicine</i> , 2014, 71, 48-54.	1.3	23
65	Thoracic gas compression during forced expiration in patients with emphysema, interstitial lung disease and obesity. <i>BMC Pulmonary Medicine</i> , 2014, 14, 34.	0.8	7
66	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	3.1	103
67	Dyspnoea: a multidimensional and multidisciplinary approach. <i>European Respiratory Journal</i> , 2014, 43, 1750-1762.	3.1	234
68	Association of genes of protease-antiprotease balance pathway to lung function and emphysema subtypes. <i>BMC Pulmonary Medicine</i> , 2013, 13, 36.	0.8	31
69	Lung function predicts mortality: 10-year follow-up after lung cancer screening among asbestos-exposed workers. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 667-672.	1.1	6
70	Bronchial hyperresponsiveness in an adult population in Helsinki: decreased FEV ₁ , the main determinant. <i>Clinical Respiratory Journal</i> , 2013, 7, 34-44.	0.6	12
71	Menopausal hot flushes do not associate with changes in heart rate variability in controlled testing: a randomized trial on hormone therapy. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2013, 92, 902-908.	1.3	10
72	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. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2013, 22, 64-71.	2.5	33

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73	Reduction of fractional exhaled nitric oxide (FENO) and its variation by mouth wash. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 253-257.	0.6	5
74	Effect of hot flushes on cardiovascular autonomic responsiveness: A randomized controlled trial on hormone therapy. Maturitas, 2012, 72, 243-248.	1.0	8
75	Reactive Airways Dysfunction Syndrome from Acute Inhalation of Dishwasher Detergent Powder. Canadian Respiratory Journal, 2012, 19, e25-e27.	0.8	12
76	Bronchial hyperresponsiveness in an adult population in Helsinki: decreased FEV1, the main determinant. Clinical Respiratory Journal, 2012, , no-no.	0.6	0
77	Cardiovascular autonomic responsiveness in postmenopausal women with and without hot flushes. Maturitas, 2011, 68, 368-373.	1.0	18
78	Genetic polymorphisms of xenobiotic-metabolizing enzymes influence the risk of pulmonary emphysema. Pharmacogenetics and Genomics, 2011, 21, 876-883.	0.7	6
79	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. Journal of Applied Physiology, 2011, 110, 681-686.	1.2	31
80	Repeatability of exhaled nitric oxide measurements in patients with COPD. Clinical Physiology and Functional Imaging, 2011, 31, 26-31.	0.5	16
81	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.	0.5	8
82	SERPINE2 haplotype as a risk factor for panlobular type of emphysema. BMC Medical Genetics, 2011, 12, 157.	2.1	14
83	Attenuated expression of tenascin-c in ovalbumin-challenged STAT4 ^{-/-} mice. Respiratory Research, 2011, 12, 2.	1.4	5
84	Genetic susceptibility to asbestos-related fibrotic pleuropulmonary changes. European Respiratory Journal, 2011, 38, 672-678.	3.1	14
85	Matrix metalloproteinases 7, 8, 9 and TIMP 1 in the follow-up of diisocyanate-induced asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 61-68.	2.7	13
86	Reactive Airway Dysfunction Syndrome (RADS) in a Chemistry Teacher Induced by Fumes of Mixed Iodine Compounds. Industrial Health, 2009, 47, 681-684.	0.4	6
87	Occult tracheal tumour detected by lung function tests. Clinical Respiratory Journal, 2009, 3, 59-61.	0.6	0
88	Association of findings in flow-volume spirometry with high-resolution computed tomography signs in asbestos-exposed male workers. Clinical Physiology and Functional Imaging, 2009, 29, 1-9.	0.5	8
89	Relation Between Atherosclerotic Calcifications Detected in Chest Computed Tomography and Lung Function. Archivos De Bronconeumologia, 2009, 45, 376-381.	0.4	3
90	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.	0.6	17

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91	Upper abdominal symptoms in patients with Type 1 diabetes: unrelated to impairment in gastric emptying caused by autonomic neuropathy. <i>Diabetic Medicine</i> , 2008, 25, 570-577.	1.2	62
92	Inflammation and functional outcome in diisocyanate-induced asthma after cessation of exposure. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 583-591.	2.7	39
93	Occupational asthma to ivy (<i>Hedera helix</i>). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 482-483.	2.7	10
94	Decreased Cytokine and Chemokine mRNA Expression in Bronchoalveolar Lavage in Asymptomatic Smoking Subjects. <i>Respiration</i> , 2008, 75, 450-458.	1.2	34
95	Acquired obesity and poor physical fitness impair expression of genes of mitochondrial oxidative phosphorylation in monozygotic twins discordant for obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E148-E154.	1.8	67
96	Repeatability of successive measurements with a portable nitric oxide analyser in patients with suggested or diagnosed asthma. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 830-832.	0.6	10
97	Differences between Finnish and European reference values for pulmonary diffusing capacity. <i>International Journal of Circumpolar Health</i> , 2007, 66, 449-457.	0.5	5
98	Elevated matrix metalloproteinase levels in bronchoalveolar lavage fluid do not distinguish idiopathic pulmonary fibrosis from other interstitial lung diseases. <i>Apmis</i> , 2007, 115, 969-975.	0.9	41
99	Nonoccupational Sensitization to Indoor Plants. <i>Allergy and Clinical Immunology International</i> , 2006, 18, 106-113.	0.3	1
100	Work, Unemployment and Life Satisfaction among Patients with Diisocyanate Induced Asthma – A Prospective Study. <i>Journal of Occupational Health</i> , 2005, 47, 112-118.	1.0	27
101	Impairment of lung function in asbestos-exposed workers in relation to high-resolution computed tomography. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005, 31, 44-51.	1.7	12
102	Prolonged respiratory symptoms caused by thermal degradation products of freons. <i>Scandinavian Journal of Work, Environment and Health</i> , 2003, 29, 71-77.	1.7	11
103	N-Acetyltransferase genotypes as modifiers of diisocyanate exposure-associated asthma risk. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 227-233.	5.7	92
104	Respiratory Health in Aseptic Packaging with Hydrogen Peroxide: A Report of Two Cases. <i>Journal of Occupational Health</i> , 2002, 44, 433-438.	1.0	11
105	Occupational respiratory hypersensitivity in dental personnel. <i>International Archives of Occupational and Environmental Health</i> , 2002, 75, 209-216.	1.1	82
106	The quality of spirometric examinations in Finland: results from a national questionnaire survey. <i>Clinical Physiology and Functional Imaging</i> , 2002, 22, 233-239.	0.5	6
107	Exposure to 4,4'-methylendiphenyl diisocyanate (MDI) during moulding of rigid polyurethane foam: determination of airborne MDI and urinary 4,4'-methylenedianiline (MDA). <i>Analyst</i> , 2001, 126, 476-479.	1.7	55
108	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). <i>Analyst</i> , 2001, 126, 1025-1031.	1.7	46

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109	Glutathione S-transferase genotypes and allergic responses to diisocyanate exposure. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 437-445.	5.7	111
110	Lung sounds in asbestos induced pulmonary disorders. <i>European Respiratory Journal</i> , 2000, 16, 901-908.	3.1	10
111	Long-term Follow-up of Hexamethylene Diisocyanate-, Diphenylmethane Diisocyanate-, and Toluene Diisocyanate-induced Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 516-522.	2.5	104
112	Occupational IgE-mediated asthma, rhinoconjunctivitis, and contact urticaria caused by Easter lily (<i>Lilium longiflorum</i>). <i>Journal of Allergy and Clinical Immunology</i> , 2000, 105, 273-277.	2.7	37
113	Occupational IgE-mediated contact urticaria from diphenylmethane-4,4'-diisocyanate (MDI). <i>Contact Dermatitis</i> , 1999, 41, 50-51.	0.8	34
114	Occupational asthma to hyacinth. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1998, 53, 328-329.	2.7	11
115	Occupational respiratory hypersensitivity caused by preparations containing acrylates in dental personnel. <i>Clinical and Experimental Allergy</i> , 1998, 28, 1404-1411.	1.4	74
116	Rhinitis caused by ninhydrin develops into occupational asthma. <i>European Respiratory Journal</i> , 1997, 10, 1918-1921.	3.1	34
117	Separation of pulmonary disorders with two-dimensional discriminant analysis of crackles. <i>Clinical Physiology</i> , 1996, 16, 171-181.	0.7	21
118	Pocket-sized spirometer for monitoring bronchial challenge procedures. <i>Clinical Physiology</i> , 1996, 16, 633-643.	0.7	14
119	Averaged and Time-Gated Spectral Analysis of Respiratory Sounds. <i>Chest</i> , 1996, 109, 1283-1290.	0.4	27
120	Objective assessment of cough. <i>European Respiratory Journal</i> , 1995, 8, 1949-1956.	3.1	74
121	Crackles: recording, analysis and clinical significance. <i>European Respiratory Journal</i> , 1995, 8, 2139-2148.	3.1	157
122	Toolkit for lung sound analysis. <i>Medical and Biological Engineering and Computing</i> , 1995, 33, 190-195.	1.6	10
123	Changes in Frequency Spectra of Breath Sounds During Histamine Challenge Test in Adult Asthmatics and Healthy Control Subjects. <i>Chest</i> , 1994, 105, 122-131.	0.4	69
124	Occupational asthma caused by decorative flowers: review and case reports. <i>International Archives of Occupational and Environmental Health</i> , 1994, 66, 131-136.	1.1	42
125	Changes in Crackle Characteristics during the Clinical Course of Pneumonia. <i>Chest</i> , 1992, 102, 176-183.	0.4	52
126	Validated method for automatic detection of lung sound crackles. <i>Medical and Biological Engineering and Computing</i> , 1991, 29, 517-521.	1.6	52

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127	Crackles in Patients with Fibrosing Alveolitis, Bronchiectasis, COPD, and Heart Failure. Chest, 1991, 99, 1076-1083.	0.4	94
128	Differences in Acoustic and Dynamic Characteristics of Spontaneous Cough in Pulmonary Diseases. Chest, 1989, 96, 46-53.	0.4	53
129	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.	2.7	21
130	Physiological responses during and after intermittent sorting of postal parcels. Ergonomics, 1988, 31, 1165-1175.	1.1	12
131	Asthma and pregnancy: a prospective study of 198 pregnancies.. Thorax, 1988, 43, 12-18.	2.7	249
132	Long-term Recording and Automatic Analysis of Cough Using Filtered Acoustic Signals and Movements on Static Charge Sensitive Bed. Chest, 1988, 94, 970-975.	0.4	21
133	Effect Of Highpass Filtering On The Original Waveform Of Lung Sound Crackles. , 0, , .		0
134	The combined effect of exposures to vapours, gases, dusts, fumes and tobacco smoke on current asthma. Clinical Respiratory Journal, 0, , .	0.6	2