GÃ¶ran Pershagen

List of Publications by Year
in descending order

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123 papers	8,986 citations	44069 48 h-index	46799 89 g-index
125 all docs	125 docs citations	125 times ranked	12407 citing authors

#	Article	IF	Citations
1	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2022, 6, e9-e18.	11.4	130
2	Predictors of electronic cigarette use and its association with respiratory health and obesity in young adulthood in Sweden; findings from the population-based birth cohort BAMSE. Environmental Research, 2022, 208, 112760.	7.5	10
3	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. British Journal of Cancer, 2022, 126, 1499-1507.	6.4	12
4	Using Distributed Lag Non-Linear Models to Estimate Exposure Lag-Response Associations between Long-Term Air Pollution Exposure and Incidence of Cardiovascular Disease. International Journal of Environmental Research and Public Health, 2022, 19, 2630.	2.6	10
5	Long-term Air Pollution Exposure and Pneumonia-related Mortality in a Large Pooled European Cohort. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1429-1439.	5.6	17
6	Association of Short-term Air Pollution Exposure With SARS-CoV-2 Infection Among Young Adults in Sweden. JAMA Network Open, 2022, 5, e228109.	5.9	12
7	Occupational noise exposure and risk of incident stroke: a pooled study of five Scandinavian cohorts. Occupational and Environmental Medicine, 2022, 79, 594-601.	2.8	2
8	Air pollution exposure impairs lung function in infants. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 1788-1794.	1.5	9
9	Development of gut microbiota during the first 2Âyears of life. Scientific Reports, 2022, 12, .	3.3	23
10	Long-Term Exposure to Source-Specific Fine Particles and Mortalityâ”€A Pooled Analysis of 14 European Cohorts within the ELAPSE Project. Environmental Science & Technology, 2022, 56, 9277-9290.	10.0	11
11	Association of Maternal DNA Methylation and Offspring Birthweight. Reproductive Sciences, 2021, 28, 218-227.	2.5	2
12	Long-term low-level ambient air pollution exposure and risk of lung cancer â€“ A pooled analysis of 7 European cohorts. Environment International, 2021, 146, 106249.	10.0	79
13	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. Environment International, 2021, 146, 106267.	10.0	50
14	Assessment of chronic bronchitis and risk factors in young adults: results from BAMSE. European Respiratory Journal, 2021, 57, 2002120.	6.7	35
15	Early-life risk factors for reversible and irreversible airflow limitation in young adults: findings from the BAMSE birth cohort. Thorax, 2021, 76, 503-507.	5.6	19
16	DNA Methylation Levels in Mononuclear Leukocytes from the Mother and Her Child Are Associated with IgE Sensitization to Allergens in Early Life. International Journal of Molecular Sciences, 2021, 22, 801.	4.1	18
17	Resolved allergenâ€specific IgE sensitization among females and early polyâ€sensitization among males impact IgE sensitization up to age 24 years. Clinical and Experimental Allergy, 2021, 51, 849-852.	2.9	4
18	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. Environmental Research, 2021, 193, 110568.	7.5	32

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19	The role of aircraft noise annoyance and noise sensitivity in the association between aircraft noise levels and medication use: results of a pooled-analysis from seven European countries. BMC Public Health, 2021, 21, 300.	2.9	9
20	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. Environment International, 2021, 147, 106371.	10.0	19
21	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortalityâ€"a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. Environmental Health Perspectives, 2021, 129, 47009.	6.0	53
22	Longâ€term exposure to air pollution and liver cancer incidence in six European cohorts. International Journal of Cancer, 2021, 149, 1887-1897.	5.1	35
23	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
24	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	21.4	218
25	Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2021, 5, e620-e632.	11.4	123
26	Long-term exposure to particulate air pollution and black carbon in relation to natural and cause-specific mortality: a multicohort study in Sweden. BMJ Open, 2021, 11, e046040.	1.9	10
27	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. BMJ, The, 2021, 374, n1904.	6.0	93
28	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. European Respiratory Journal, 2021, 57, 2003099.	6.7	40
29	Effects of inhaled corticosteroids on DNA methylation in peripheral blood cells in children with asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 688-691.	5.7	8
30	Paternal DNA Methylation May Be Associated With Gestational Age at Birth. Epigenetics Insights, 2020, 13, 251686572093070.	2.0	1
31	Longitudinal plasma inflammatory proteome profiling during pregnancy in the Born into Life study. Scientific Reports, 2020, 10, 17819.	3.3	18
32	DNA methylation differences at birth after conception through ART. Human Reproduction, 2020, 36, 248-259.	0.9	6
33	Male sex is strongly associated with IgE-sensitization to airborne but not food allergens: results up to age 24Âyears from the BAMSE birth cohort. Clinical and Translational Allergy, 2020, 10, 15.	3.2	53
34	Antibodies against Phosphorylcholine and Malondialdehyde during the First Two Years of Life. Journal of Immunology, 2020, 205, 2109-2116.	0.8	6
35	The role of aircraft noise annoyance and noise sensitivity in the association between aircraft noise levels and hypertension risk: Results of a pooled analysis from seven European countries. Environmental Research, 2020, 191, 110179.	7.5	27
36	Smoking and snuff use in pregnancy and the risk of asthma and wheeze in preâ€"schoolchildrenâ€"A populationâ€based register study. Clinical and Experimental Allergy, 2020, 50, 597-608.	2.9	6

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37	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. Genome Medicine, 2020, 12, 25.	8.2	81
38	Noise exposure and childhood asthma up to adolescence. Environmental Research, 2020, 185, 109404.	7.5	9
39	Allergenâ€specific IgE over time in women before, during and after pregnancy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 625-628.	5.7	4
40	DNA Methylation Trajectories During Pregnancy. Epigenetics Insights, 2019, 12, 251686571986709.	2.0	26
41	Long-Term Exposure to Particulate Air Pollution, Black Carbon, and Their Source Components in Relation to Ischemic Heart Disease and Stroke. Environmental Health Perspectives, 2019, 127, 107012.	6.0	101
42	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2062-2074.	2.9	147
43	Traffic noise exposure in relation to adverse birth outcomes and body mass between birth and adolescence. Environmental Research, 2019, 169, 362-367.	7.5	22
44	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
45	Traffic noise and other determinants of blood pressure in adolescence. International Journal of Hygiene and Environmental Health, 2019, 222, 824-830.	4.3	12
46	Nocturnal asthma is affected by genetic interactions between RORA and NPSR1. Pediatric Pulmonology, 2019, 54, 847-857.	2.0	9
47	Long-term transportation noise exposure and incidence of ischaemic heart disease and stroke: a cohort study. Occupational and Environmental Medicine, 2019, 76, 201-207.	2.8	43
48	<scp>DNA</scp> methylation and allergic sensitizations: A genomeâ€scale longitudinal study during adolescence. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1166-1175.	5.7	28
49	Saliva cortisol in relation to aircraft noise exposure: pooled-analysis results from seven European countries. Environmental Health, 2019, 18, 102.	4.0	12
50	Oral Microbiota Development in Early Childhood. Scientific Reports, 2019, 9, 19025.	3.3	30
51	Transportation noise linked to cardiovascular disease independent from air pollution. European Heart Journal, 2019, 40, 604-606.	2.2	19
52	Smoking habits among adolescents with asthma â€“ data from a populationâ€based birth cohort. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1003-1005.	5.7	2
53	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	10.7	170
54	Atopic dermatitis: Interaction between genetic variants of <scp>GSTP</scp>1,<scp>TNF</scp>,<scp>TLR</scp>2, and <scp>TLR</scp>4 and air pollution in early life. Pediatric Allergy and Immunology, 2018, 29, 596-605.	2.6	33

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55	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
56	Long-term exposure to ambient air pollution and incidence of brain tumor: the European Study of Cohorts for Air Pollution Effects (ESCAPE). Neuro-Oncology, 2018, 20, 420-432.	1.2	66
57	Normal values for calprotectin in stool samples of infants from the population-based longitudinal born into life study. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 120-124.	1.2	12
58	Road traffic noise and determinants of saliva cortisol levels among adolescents. International Journal of Hygiene and Environmental Health, 2018, 221, 276-282.	4.3	22
59	Air pollution and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts for Air Pollution Effects (ESCAPE). International Journal of Cancer, 2018, 143, 1632-1643.	5.1	57
60	Limited association between markers of stress during pregnancy and fetal growth in â€˜Born into Lifeâ€™, a new prospective birth cohort. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1003-1010.	1.5	27
61	Genetic regulation of IL1RL1 methylation and IL1RL1-a protein levels in asthma. European Respiratory Journal, 2018, 51, 1701377.	6.7	24
62	Is There an Association Between Ambient Air Pollution and Bladder Cancer Incidence? Analysis of 15 European Cohorts. European Urology Focus, 2018, 4, 113-120.	3.1	33
63	Exposure to nonmicrobial N-glycolylneuraminic acid protects farmers' children against airway inflammation and colitis. Journal of Allergy and Clinical Immunology, 2018, 141, 382-390.e7.	2.9	44
64	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. International Journal of Epidemiology, 2018, 47, 22-23u.	1.9	105
65	Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. Epidemiology, 2018, 29, 618-626.	2.7	51
66	Vaccination and Allergic Sensitization in Early Childhood â€“ The ALADDIN Birth Cohort. EClinicalMedicine, 2018, 4-5, 92-98.	7.1	12
67	Maternal Smoking during Pregnancy and Early Childhood and Development of Asthma and Rhinoconjunctivitis â€“ a MeDALL Project. Environmental Health Perspectives, 2018, 126, 047005.	6.0	48
68	Early life determinants of lung function change from childhood to adolescence. Respiratory Medicine, 2018, 139, 48-54.	2.9	32
69	Transportation noise and incidence of hypertension. International Journal of Hygiene and Environmental Health, 2018, 221, 1133-1141.	4.3	29
70	WHO Environmental Noise Guidelines for the European Region: A Systematic Review on Environmental Noise and Cardiovascular and Metabolic Effects: A Summary. International Journal of Environmental Research and Public Health, 2018, 15, 379.	2.6	356
71	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080.	21.4	106
72	Tobacco smoke exposure in early life and adolescence in relation to lung function. European Respiratory Journal, 2018, 51, 1702111.	6.7	52

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73	Particulate matter air pollution components and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts of Air Pollution Effects (ESCAPE). Environment International, 2018, 120, 163-171.	10.0	56
74	Long-term exposure to ambient air pollution and traffic noise and incident hypertension in seven cohorts of the European study of cohorts for air pollution effects (ESCAPE). European Heart Journal, 2017, 38, ehw413.	2.2	128
75	Outdoor air pollution and risk for kidney parenchyma cancer in 14 European cohorts. International Journal of Cancer, 2017, 140, 1528-1537.	5.1	44
76	Can dispersion modeling of air pollution be improved by land-use regression? An example from Stockholm, Sweden. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 575-581.	3.9	30
77	Occupational exposure to diesel motor exhaust and risk of lung cancer by histological subtype: a population-based caseâ€“control study in Swedish men. European Journal of Epidemiology, 2017, 32, 711-719.	5.7	15
78	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1373-1383.	5.6	107
79	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	2.9	211
80	Detection of IgE Reactivity to a Handful of Allergen Molecules in Early Childhood Predicts Respiratory Allergy in Adolescence. EBioMedicine, 2017, 26, 91-99.	6.1	66
81	Hypomethylation of HOXA4 promoter is common in Silver-Russell syndrome and growth restriction and associates with stature in healthy children. Scientific Reports, 2017, 7, 15693.	3.3	12
82	Exposure to Traffic-Related Air Pollution and Serum Inflammatory Cytokines in Children. Environmental Health Perspectives, 2017, 125, 067007.	6.0	71
83	Long-Term Exposure to Ambient Air Pollution and Incidence of Postmenopausal Breast Cancer in 15 European Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2017, 125, 107005.	6.0	104
84	Long-Term Exposure to Transportation Noise in Relation to Development of Obesityâ€”a Cohort Study. Environmental Health Perspectives, 2017, 125, 117005.	6.0	63
85	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	6.2	717
86	Doublesex and mab-3 related transcription factor 1 (DMRT1) is a sex-specific genetic determinant of childhood-onset asthma and is expressed in testis and macrophages. Journal of Allergy and Clinical Immunology, 2016, 138, 421-431.	2.9	21
87	Early life exposure to traffic-related air pollution and lung function in adolescence assessed with impulse oscillometry. Journal of Allergy and Clinical Immunology, 2016, 138, 930-932.e5.	2.9	30
88	Early-Life Exposure to Traffic-related Air Pollution and Lung Function in Adolescence. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 171-177.	5.6	109
89	Age at occupational exposure to combustion products and lung cancer risk among men in Stockholm, Sweden. International Archives of Occupational and Environmental Health, 2016, 89, 271-275.	2.3	0
90	DNA methylation and genetic polymorphisms of the Leptin gene interact to influence lung function outcomes and asthma at 18 years of age. International Journal of Molecular Epidemiology and Genetics, 2016, 7, 1-17.	0.4	17

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91	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148
92	Associations between the 17q21 region and allergic rhinitis in 5 birth cohorts. Journal of Allergy and Clinical Immunology, 2015, 135, 573-576.e5.	2.9	15
93	Road traffic noise and markers of obesity â€“ A population-based study. Environmental Research, 2015, 138, 144-153.	7.5	75
94	Traffic-related air pollution exposure and incidence of stroke in four cohorts from Stockholm. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 517-523.	3.9	49
95	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. Environment International, 2015, 82, 76-84.	10.0	77
96	Exposure to traffic noise and markers of obesity. Occupational and Environmental Medicine, 2015, 72, 594-601.	2.8	98
97	GIMAP GTPase Family Genes: Potential Modifiers in Autoimmune Diabetes, Asthma, and Allergy. Journal of Immunology, 2015, 194, 5885-5894.	0.8	30
98	Spatial variation of PM elemental composition between and within 20 European study areas â€" Results of the ESCAPE project. Environment International, 2015, 84, 181-192.	10.0	49
99	Risk of childhood asthma is associated with CpG-site polymorphisms, regional DNA methylation and mRNA levels at the GSDMB/ORMDL3 locus. Human Molecular Genetics, 2015, 24, 875-890.	2.9	66
100	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. Environment International, 2014, 73, 382-392.	10.0	109
101	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. Lancet, The, 2014, 383, 785-795.	13.7	1,077
102	Pre- and Postnatal Exposure to Parental Smoking and Allergic Disease Through Adolescence. Pediatrics, 2014, 134, 428-434.	2.1	108
103	Childhood-to-adolescence evolution of IgE antibodies to pollens and plant foods in the BAMSE cohort. Journal of Allergy and Clinical Immunology, 2014, 133, 580-582.e8.	2.9	49
104	Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. Journal of Allergy and Clinical Immunology, 2014, 133, 885-888.	2.9	47
105	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. Environment International, 2014, 66, 97-106.	10.0	127
106	Meta-analysis of air pollution exposure association withÂallergic sensitization in European birth cohorts. Journal of Allergy and Clinical Immunology, 2014, 133, 767-776.e7.	2.9	76
107	Associations between particulate matter elements and early-life pneumonia in seven birth cohorts: Results from the ESCAPE and TRANSPHORM projects. International Journal of Hygiene and Environmental Health, 2014, 217, 819-829.	4.3	36
108	Expression of Genes Related to Anti-Inflammatory Pathways Are Modified Among Farmersâ€™ Children. PLoS ONE, 2014, 9, e91097.	2.5	40

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109	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). Lancet Respiratory Medicine,the, 2013, 1, 695-704.	10.7	464
110	LifeGeneâ€"a large prospective population-based study of global relevance. European Journal of Epidemiology, 2011, 26, 67-77.	5.7	91
111	Validation of a questionnaire to assess dietary habits among 5â€"13â€year old school children of farmers and anthroposophic families. Journal of Nutritional and Environmental Medicine, 2008, 17, 157-168.	0.1	4
112	Lung cancer and cigarette smoking in Europe: An update of risk estimates and an assessment of inter-country heterogeneity. International Journal of Cancer, 2001, 91, 876-887.	5.1	174
113	Can immunization affect the developmentâ€˙of allergy?. Pediatric Allergy and Immunology, 2000, 11, 26-28.	2.6	14
114	Parallel Analyses of Individual and Ecologic Data on Residential Radon, Cofactors, and Lung Cancer in Sweden. American Journal of Epidemiology, 1999, 149, 268-274.	3.4	40
115	Risk of lung cancer from exposure to environmental tobacco smoke from cigars, cigarillos and pipes. , 1999, 83, 805-806.		12
116	A European validation study of smoking and environmental tobacco smoke exposure in nonsmoking lung cancer cases and controls. Cancer Causes and Control, 1998, 9, 173-182.	1.8	46
117	Dietary factors and risk of lung cancer in never-smokers. , 1998, 78, 430-436.		66
118	Cancer incidence in female smokers: A 26-year follow-up. , 1997, 73, 625-628.		76
119	Air Pollution Involving Nitrogen Dioxide Exposure and Wheezing Bronchitis in Children. International Journal of Epidemiology, 1995, 24, 1147-1153.	1.9	141
120	Childhood cancer among Swedish twins. Cancer Causes and Control, 1992, 3, 527-532.	1.8	31
121	Prenatal x-ray exposure and childhood cancer in swedish twins. International Journal of Cancer, 1990, 46, 362-365.	5.1	62
122	Cumulative arsenic exposure and lung cancer in smelter workers: A dose-response study. American Journal of Industrial Medicine, 1989, 15, 31-41.	2.1	113
123	Time trends in occupational risks of lung cancer among Swedish men from 1961â€"1979. American Journal of Industrial Medicine, 1989, 15, 441-448.	2.1	6