H Marike Boezen

List of Publications by Year
in descending order

124 papers	4,981 citations	87888 38 h-index	110387 64 g-index
125 all docs	125 docs citations	125 times ranked	9074 citing authors

#	Article	IF	Citations
1	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. Nature Genetics, 2011, 43, 1082-1090.	21.4	367
2	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432.	21.4	306
3	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505.	21.4	257
4	Children with health impairments by heavy metals in an e-waste recycling area. Chemosphere, 2016, 148, 408-415.	8.2	192
5	A Disintegrin and Metalloprotease 33 Polymorphisms and Lung Function Decline in the General Population. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 329-333.	5.6	191
6	Genome-Wide Association Studies Identify CHRNA5/3 and HTR4 in the Development of Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 622-632.	5.6	164
7	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	12.8	140
8	Genome-wide association analysis identifies six new loci associated with forced vital capacity. Nature Genetics, 2014, 46, 669-677.	21.4	131
9	Identification of PCDH1 as a Novel Susceptibility Gene for Bronchial Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 929-935.	5.6	120
10	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. Journal of Allergy and Clinical Immunology, 2016, 137, 390-399.	2.9	119
11	Acute effects of cigarette smoking on inflammation in healthy intermittent smokers. Respiratory Research, 2005, 6, 22.	3.6	108
12	Asthma and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1588-1594.	5.6	90
13	BMI and Lifetime Changes in BMI and Cancer Mortality Risk. PLoS ONE, 2015, 10, e0125261.	2.5	88
14	Genome-Wide Study of Percent Emphysema on Computed Tomography in the General Population. The Multi-Ethnic Study of Atherosclerosis Lung/SNP Health Association Resource Study. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 408-418.	5.6	87
15	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	12.8	85
16	Decreased lung function with mediation of blood parameters linked to e-waste lead and cadmium exposure in preschool children. Environmental Pollution, 2017, 230, 838-848.	7.5	77
17	Genetic overlap of chronic obstructive pulmonary disease and cardiovascular disease-related traits: a large-scale genome-wide cross-trait analysis. Respiratory Research, 2019, 20, 64.	3.6	73
18	Genome-Wide Association Studies: What Do They Teach Us about Asthma and Chronic Obstructive Pulmonary Disease?. Proceedings of the American Thoracic Society, 2009, 6, 701-703.	3.5	71

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19	Lifetime Smoking History and Cause-Specific Mortality in a Cohort Study with 43 Years of Follow-Up. PLoS ONE, 2016, 11, e0153310.	2.5	71
20	Long-term Air Pollution Exposure, Genome-wide DNA Methylation and Lung Function in the LifeLines Cohort Study. Environmental Health Perspectives, 2018, 126, 027004.	6.0	71
21	Dyspnea severity, changes in dyspnea status and mortality in the general population: the Vlagtwedde/Vlaardingen study. European Journal of Epidemiology, 2012, 27, 867-876.	5.7	67
22	Missing heritability: is the gap closing? An analysis of 32 complex traits in the Lifelines Cohort Study. European Journal of Human Genetics, 2017, 25, 877-885.	2.8	67
23	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. Thorax, 2017, 72, 998-1006.	5.6	65
24	A disintegrin and metalloprotease 33 and chronic obstructive pulmonary disease pathophysiology. Thorax, 2007, 62, 242-247.	5.6	63
25	Occupational exposure to pesticides is associated with differential DNA methylation. Occupational and Environmental Medicine, 2018, 75, 427-435.	2.8	61
26	Physical and Psychosocial Factors Associated With Physical Activity in Patients With Chronic Obstructive Pulmonary Disease. Archives of Physical Medicine and Rehabilitation, 2013, 94, 2396-2402.e7.	0.9	60
27	Transient early wheeze and lung function in early childhood associated with chronic obstructive pulmonary disease genes. Journal of Allergy and Clinical Immunology, 2014, 133, 68-76.e4.	2.9	59
28	Common genes underlying asthma and COPD? Genome-wide analysis on the Dutch hypothesis. European Respiratory Journal, 2014, 44, 860-872.	6.7	49
29	Advanced glycation endproducts and their receptor in different body compartments in COPD. Respiratory Research, 2016, 17, 46.	3.6	49
30	Epigenome-wide association study of lung function level and its change. European Respiratory Journal, 2019, 54, 1900457.	6.7	49
31	Lifelines COVID-19 cohort: investigating COVID-19 infection and its health and societal impacts in a Dutch population-based cohort. BMJ Open, 2021, 11, e044474.	1.9	49
32	Decorin and TGF-Î² 1 polymorphisms and development of COPD in a general population. Respiratory Research, 2006, 7, 89.	3.6	47
33	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
34	From blood to lung tissue: effect of cigarette smoke on DNA methylation and lung function. Respiratory Research, 2018, 19, 212.	3.6	47
35	Level and course of FEV1 in relation to polymorphisms in NFE2L2 and KEAP1 in the general population. Respiratory Research, 2009, 10, 73.	3.6	45
36	Association of Occupational Pesticide Exposure With Accelerated Longitudinal Decline in Lung Function. American Journal of Epidemiology, 2014, 179, 1323-1330.	3.4	45

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37	Genome-wide association study on the FEV 1 /FVC ratio in never-smokers identifies HHIP and FAM13A. Journal of Allergy and Clinical Immunology, 2017, 139, 533-540.	2.9	45
38	Serum uric acid levels and cancer mortality risk among males in a large general population-based cohort study. Cancer Causes and Control, 2014, 25, 1075-1080.	1.8	43
39	A systematic review and narrative synthesis of data-driven studies in schizophrenia symptoms and cognitive deficits. Translational Psychiatry, 2020, 10, 244.	4.8	43
40	Leveraging lung tissue transcriptome to uncover candidate causal genes in COPD genetic associations. Human Molecular Genetics, 2018, 27, 1819-1829.	2.9	37
41	SIRT1 Polymorphism, Long-Term Survival and Glucose Tolerance in the General Population. PLoS ONE, 2013, 8, e58636.	2.5	36
42	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. International Journal of Epidemiology, 2017, 46, dyw318.	1.9	36
43	Early cerebral and intestinal oxygenation in the risk assessment of necrotizing enterocolitis in preterm infants. Early Human Development, 2019, 131, 75-80.	1.8	35
44	Advanced glycation end products in the skin are enhanced in COPD. Metabolism: Clinical and Experimental, 2014, 63, 1149-1156.	3.4	34
45	Genome-wide interaction study of gene-by-occupational exposure and effects on FEV1 levels. Journal of Allergy and Clinical Immunology, 2015, 136, 1664-1672.e14.	2.9	34
46	Acute and chronic inflammatory responses induced by smoking in individuals susceptible and non-susceptible to development of COPD: from specific disease phenotyping towards novel therapy. Protocol of a cross-sectional study. BMJ Open, 2013, 3, e002178.	1.9	33
47	NFE2L2 polymorphisms, mortality, and metabolism in the general population. Physiological Genomics, 2014, 46, 411-417.	2.3	32
48	Treatment-related mortality in children with cancer: Prevalence and risk factors. European Journal of Cancer, 2019, 121, 113-122.	2.8	32
49	Integrative pathway genomics of lung function and airflow obstruction. Human Molecular Genetics, 2015, 24, 6836-6848.	2.9	28
50	Eosinophil Count Is a Common Factor for Complex Metabolic and Pulmonary Traits and Diseases: The LifeLines Cohort Study. PLoS ONE, 2016, 11, e0168480.	2.5	28
51	Increased activation of blood neutrophils after cigarette smoking in young individuals susceptible to COPD. Respiratory Research, 2014, 15, 121.	3.6	27
52	Unravelling the association between accelerometerâ€derived physical activity and adiposity among preschool children: A systematic review and metaâ€analyses. Obesity Reviews, 2020, 21, e12936.	6.5	27
53	Prevalence of asthma-like symptoms with ageing. Thorax, 2018, 73, 37-48.	5.6	26
54	Lung Function Decline in Male Heavy Smokers Relates to Baseline Airflow Obstruction Severity. Chest, 2012, 142, 1530-1538.	0.8	25

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55	Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. PLoS ONE, 2014, 9, e91621.	2.5	25
56	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. Human Molecular Genetics, 2018, 27, 396-405.	2.9	24
57	Rates of asthma exacerbations and mortality and associated factors in Uganda: a 2-year prospective cohort study. Thorax, 2018, 73, 983-985.	5.6	23
58	Breathlessness in elderly individuals is related to low lung function and reversibility of airway obstruction. European Respiratory Journal, 1998, 12, 805-810.	6.7	22
59	Occupational Exposure to Vapors, Gases, Dusts, and Fumes Is Associated with Small Airways Obstruction. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 487-490.	5.6	21
60	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
61	A pro-inflammatory role for the Frizzled-8 receptor in chronic bronchitis. Thorax, 2016, 71, 312-322.	5.6	21
62	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. European Journal of Human Genetics, 2018, 26, 709-722.	2.8	21
63	NFE2L2 pathway polymorphisms and lung function decline in chronic obstructive pulmonary disease. Physiological Genomics, 2012, 44, 754-763.	2.3	20
64	Dissecting the genetics of chronic mucus hypersecretion in smokers with and without COPD. European Respiratory Journal, 2015, 45, 60-75.	6.7	19
65	Air pollution exposure is associated with restrictive ventilatory patterns. European Respiratory Journal, 2016, 48, 1221-1224.	6.7	19
66	Changes in lung function in European adults born between 1884 and 1996 and implications for the diagnosis of lung disease: a cross-sectional analysis of ten population-based studies. Lancet Respiratory Medicine,the, 2022, 10, 83-94.	10.7	19
67	Maternal occupational exposure and oral clefts in offspring. Environmental Health, 2017, 16, 83.	4.0	18
68	Prediction of Long-Term Benefits of Inhaled Steroids by Phenotypic Markers in Moderate-to-Severe COPD: A Randomized Controlled Trial. PLoS ONE, 2015, 10, e0143793.	2.5	18
69	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. Environment International, 2019, 122, 263-269.	10.0	17
70	GST-omega genes interact with environmental tobacco smoke on adult level of lung function. Respiratory Research, 2013, 14, 83.	3.6	16
71	Genes and pathways underlying susceptibility to impaired lung function in the context of environmental tobacco smoke exposure. Respiratory Research, 2017, 18, 142.	3.6	16
72	Long-term exposure to fine particulate matter, lung function and cognitive performance: A prospective Dutch cohort study on the underlying routes. Environmental Research, 2021, 201, 111533.	7.5	16

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73	ADAM33 Gene Polymorphisms and Mortality. A Prospective Cohort Study. PLoS ONE, 2013, 8, e67768.	2.5	15
74	Genetic variance is associated with susceptibility for cigarette smoke-induced DAMP release in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L559-L580.	2.9	15
75	Recurrence risk of preeclampsia in a linked population-based cohort: Effects of first pregnancy maximum diastolic blood pressure and gestational age. Pregnancy Hypertension, 2019, 15, 32-36.	1.4	15
76	A cross-omics integrative study of metabolic signatures of chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2020, 20, 193.	2.0	15
77	Genetic variation associates with susceptibility for cigarette smoke-induced neutrophilia in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L693-L709.	2.9	14
78	DNA methylation is associated with lung function in never smokers. Respiratory Research, 2019, 20, 268.	3.6	14
79	Association of schizophrenia polygenic risk score with data-driven cognitive subtypes: A six-year longitudinal study in patients, siblings and controls. Schizophrenia Research, 2020, 223, 135-147.	2.0	14
80	No association between DNA methylation and COPD in never and current smokers. BMJ Open Respiratory Research, 2018, 5, e000282.	3.0	13
81	Pathway analysis of a genome-wide gene by air pollution interaction study in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 539-547.	3.9	13
82	Spirometric phenotypes from early childhood to young adulthood: a Chronic Airway Disease Early Stratification study. ERJ Open Research, 2021, 7, 00457-2021.	2.6	13
83	Objective allergy markers and risk of cancer mortality and hospitalization in a large population-based cohort. Cancer Causes and Control, 2015, 26, 99-109.	1.8	12
84	Epigenome-wide association study identifies DNA methylation markers for asthma remission in whole blood and nasal epithelium. Clinical and Translational Allergy, 2020, 10, 60.	3.2	12
85	The Well-Known Gene HHIP and Novel Gene MECR Are Implicated in Small Airway Obstruction. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1299-1302.	5.6	11
86	Blood Eosinophil Count and Metabolic, Cardiac and Pulmonary Outcomes: A Mendelian Randomization Study. Twin Research and Human Genetics, 2018, 21, 89-100.	0.6	11
87	Early and late onset pre-eclampsia and small for gestational age risk in subsequent pregnancies. PLoS ONE, 2020, 15, e0230483.	2.5	10
88	Sulfatase modifying factor 1 (SUMF1) is associated with Chronic Obstructive Pulmonary Disease. Respiratory Research, 2017, 18, 77.	3.6	9
89	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. Human Molecular Genetics, 2019, 28, 2477-2485.	2.9	9
90	Blood eosinophil level and lung function trajectories: cross-sectional and longitudinal studies in European cohorts. ERJ Open Research, 2020, 6, 00320-2020.	2.6	9

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91	Airborne occupational exposures and inflammatory biomarkers in the Lifelines cohort study. Occupational and Environmental Medicine, 2021, 78, 82-85.	2.8	8
92	Urokinase plasminogen activator receptor polymorphisms and airway remodelling in asthma. European Respiratory Journal, 2016, 47, 1568-1571.	6.7	7
93	Single-nucleotide polymorphism in the 5-Î±-reductase gene (SRD5A2) is associated with increased prevalence of metabolic syndrome in chemotherapy-treated testicular cancer survivors. European Journal of Cancer, 2016, 54, 104-111.	2.8	7
94	Promoting respiratory public health through epigenetics research: an ERS Environment Health Committee workshop report. European Respiratory Journal, 2018, 51, 1702410.	6.7	7
95	A Protective Role of FAM13A in Human Airway Epithelial Cells Upon Exposure to Cigarette Smoke Extract. Frontiers in Physiology, 2021, 12, 690936.	2.8	7
96	Psychosocial work factors and blood pressure among 63 800 employees from The Netherlands in the Lifelines Cohort Study. Journal of Epidemiology and Community Health, 2022, 76, 60-66.	3.7	7
97	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. Environmental Research, 2022, 212, 113360.	7.5	7
98	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. PLoS ONE, 2021, 16, e0255402.	2.5	6
99	Lower Corticosteroid Skin Blanching Response Is Associated with Severe COPD. PLoS ONE, 2014, 9, e91788.	2.5	6
100	No convincing association between genetic markers and respiratory symptoms: results of a GWA study. Respiratory Research, 2017, 18, 11.	3.6	5
101	Airborne occupational exposures and the risk of developing respiratory symptoms and airway obstruction in the Lifelines Cohort Study. Thorax, 2021, 76, 790-797.	5.6	5
102	Neuropsychiatric safety of varenicline in the general and COPD population with and without psychiatric disorders: a retrospective cohort study in a real-world setting. BMJ Open, 2021, 11, e042417.	1.9	5
103	Pre-conception and prenatal factors influencing gestational weight gain: a prospective study in TigrayÂregion, northern Ethiopia. BMC Pregnancy and Childbirth, 2021, 21, 718.	2.4	5
104	Tacrolimus and mycophenolate mofetil as second-line treatment in autoimmune hepatitis: Is the evidence of sufficient quality to develop recommendations?. World Journal of Gastroenterology, 2020, 26, 5896-5910.	3.3	5
105	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. BMC Pulmonary Medicine, 2019, 19, 58.	2.0	4
106	Longitudinal changes in airway hyperresponsiveness and COPD mortality. European Respiratory Journal, 2020, 55, 1901378.	6.7	4
107	Risk of neuropsychiatric adverse events associated with varenicline treatment for smoking cessation among Dutch population: A sequence symmetry analysis. Pharmacoepidemiology and Drug Safety, 2022, 31, 158-166.	1.9	4
108	Occupational exposures and genetic susceptibility to occupational exposures are related to sickness absence in the Lifelines cohort study. Scientific Reports, 2020, 10, 12963.	3.3	3

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109	Maternal occupational exposure to solvents and gastroschisis in offspring - National Birth Defects Prevention Study 1997â€“2011. Occupational and Environmental Medicine, 2020, 77, 172-178.	2.8	3
110	What factors are associated with pre-pregnancy nutritional status? Baseline analysis of the KITE cohort: a prospective study in northern Ethiopia. BMJ Open, 2021, 11, e043484.	1.9	3
111	Influence of age on real-life effects of doxycycline for acute exacerbations among COPD outpatients: a population-based cohort study. BMJ Open Respiratory Research, 2020, 7, e000535.	3.0	3
112	Increased genetic contribution to wellbeing during the COVID-19 pandemic. PLoS Genetics, 2022, 18, e1010135.	3.5	3
113	Novel Rare Genetic Variants Associated with Airflow Obstruction in the General Population. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 485-488.	5.6	2
114	Novel Genetic Susceptibility Loci for FEV₁ in the Context of Occupational Exposure in Never-Smokers. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 769-772.	5.6	1
115	Endogenous VEGF-C mRNA Expression Increases In Vitro Drug Resistance of Pediatric AML Cells and Is an Independent Prognostic Factor for the Time To Reach Complete Remission in AML.. Blood, 2006, 108, 838-838.	1.4	1
116	Lifetime smoking history and four most common types of cancer and other causes of mortality in a large cohort study with 43 years of follow-up.. Journal of Clinical Oncology, 2015, 33, e12630-e12630.	1.6	1
117	Sex, smoking and body mass index: do they aid in uncovering the complex mechanisms behind airway hyperresponsiveness?. Expert Review of Respiratory Medicine, 2018, 12, 989-991.	2.5	0
118	Epigenetics in COPD: An Epidemiological Point of View. , 2022, , 526-532.		0
119	BMI, long-term changes in BMI, and risk of cancer mortality in a large cohort study.. Journal of Clinical Oncology, 2012, 30, 1502-1502.	1.6	0
120	Real-World Effects of Antibiotic Treatment on Acute COPD Exacerbations in Outpatients: A Cohort Study under the PharmLines Initiative. Respiration, 2022, 101, 553-564.	2.6	0
121	Early and late onset pre-eclampsia and small for gestational age risk in subsequent pregnancies. , 2020, 15, e0230483.		0
122	Early and late onset pre-eclampsia and small for gestational age risk in subsequent pregnancies. , 2020, 15, e0230483.		0
123	Early and late onset pre-eclampsia and small for gestational age risk in subsequent pregnancies. , 2020, 15, e0230483.		0
124	Early and late onset pre-eclampsia and small for gestational age risk in subsequent pregnancies. , 2020, 15, e0230483.		0