## Anke-Hilse Maitland-van der Zee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2203555/publications.pdf

Version: 2024-02-01

128 papers 4,343 citations

29 h-index 60 g-index

131 all docs

131 docs citations

times ranked

131

7889 citing authors

#	Article	IF	Citations
1	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. Lancet, The, 2015, 385, 351-361.	6.3	562
2	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	3.0	528
3	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	5.5	298
4	Association of Liver Injury From Specific Drugs, or Groups ofÂDrugs, With Polymorphisms in HLA and Other Genes in aÂGenome-Wide Association Study. Gastroenterology, 2017, 152, 1078-1089.	0.6	174
5	Induction of IL-10-producing type 2 innate lymphoid cells by allergen immunotherapy is associated with clinical response. Immunity, 2021, 54, 291-307.e7.	6.6	134
6	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	1.2	115
7	Clinical and inflammatory phenotyping by breathomics in chronic airway diseases irrespective of the diagnostic label. European Respiratory Journal, 2018, 51, 1701817.	3.1	98
8	Adult height, coronary heart disease and stroke: a multi-locus Mendelian randomization meta-analysis. International Journal of Epidemiology, 2016, 45, 1927-1937.	0.9	94
9	Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. European Respiratory Journal, 2016, 48, 1063-1073.	3.1	89
10	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. Lancet Respiratory Medicine, the, 2021, 9, 957-968.	5.2	83
11	Childhood asthma exacerbations and the Arg $16\hat{l}^22$ -receptor polymorphism: AÂmeta-analysis stratified by treatment. Journal of Allergy and Clinical Immunology, 2016, 138, 107-113.e5.	1.5	80
12	Breathomics from exhaled volatile organic compounds in pediatric asthma. Pediatric Pulmonology, 2017, 52, 1616-1627.	1.0	78
13	Early life antibiotic use and the risk of asthma and asthma exacerbations in children. Pediatric Allergy and Immunology, 2017, 28, 430-437.	1.1	77
14	Identification and prospective stability of electronic nose (eNose)–derived inflammatory phenotypes in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 1811-1820.e7.	1.5	74
15	Drugâ€Induced Liver Injury due to Flucloxacillin: Relevance of Multiple Human Leukocyte Antigen Alleles. Clinical Pharmacology and Therapeutics, 2019, 106, 245-253.	2.3	58
16	Seventeen years of statin pharmacogenetics: a systematic review. Pharmacogenomics, 2016, 17, 163-180.	0.6	52
17	The crosstalk between microbiome and asthma: Exploring associations and challenges. Clinical and Experimental Allergy, 2019, 49, 1067-1086.	1.4	52
18	Sputum microbiome profiles identify severe asthma phenotypes of relative stability at 12 to 18 months. Journal of Allergy and Clinical Immunology, 2021, 147, 123-134.	1.5	51

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19	Genomeâ€wide association study of inhaled corticosteroid response in admixed children with asthma. Clinical and Experimental Allergy, 2019, 49, 789-798.	1.4	50
20	Risk of major bleeding among users of direct oral anticoagulants combined with interacting drugs: A populationâ€based nested case–control study. British Journal of Clinical Pharmacology, 2020, 86, 1150-1164.	1.1	42
21	A common missense variant of LILRB5 is associated with statin intolerance and myalgia. European Heart Journal, 2017, 38, 3569-3575.	1.0	41
22	Genetic associations of the response to inhaled corticosteroids in asthma: a systematic review. Clinical and Translational Allergy, 2019, 9, 2.	1.4	39
23	Development of the International Severe Asthma Registry (ISAR): A Modified Delphi Study. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 578-588.e2.	2.0	39
24	Genetic Variations and Cisplatin Nephrotoxicity: A Systematic Review. Frontiers in Pharmacology, 2018, 9, 1111.	1.6	35
25	Pharmacogenetics of inhaled longâ€acting beta2â€agonists in asthma: A systematic review. Pediatric Allergy and Immunology, 2018, 29, 705-714.	1.1	34
26	Pharmacogenomics in Pediatric Patients: Towards Personalized Medicine. Paediatric Drugs, 2016, 18, 251-260.	1.3	33
27	Early-life antibiotic use and risk of asthma and eczema: results of a discordant twin study. European Respiratory Journal, 2020, 55, 1902021.	3.1	32
28	Undertreatment of hypertension and hypercholesterolaemia in children and adolescents with type 1 diabetes: longâ€ŧerm followâ€up on time trends in the occurrence of cardiovascular disease, risk factors and medications use. British Journal of Clinical Pharmacology, 2018, 84, 776-785.	1.1	31
29	Treatment response heterogeneity in asthma: the role of genetic variation. Expert Review of Respiratory Medicine, 2018, 12, 55-65.	1.0	31
30	Genetic Risk Factors in Drugâ€Induced Liver Injury Due to Isoniazidâ€Containing Antituberculosis Drug Regimens. Clinical Pharmacology and Therapeutics, 2021, 109, 1125-1135.	2.3	31
31	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. Pharmacogenomics, 2017, 18, 931-943.	0.6	30
32	Treating severe asthma: Targeting the ILâ€5 pathway. Clinical and Experimental Allergy, 2021, 51, 992-1005.	1.4	30
33	What did we learn from multiple omics studies in asthma?. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2129-2145.	2.7	29
34	Omics for the future in asthma. Seminars in Immunopathology, 2020, 42, 111-126.	2.8	29
35	Quality of life in patients with venous thromboembolism and atrial fibrillation treated with coumarin anticoagulants. Thrombosis Research, 2015, 136, 69-75.	0.8	28
36	Exhaled breath analysis by use of eNose technology: a novel diagnostic tool for interstitial lung disease. European Respiratory Journal, 2021, 57, 2002042.	3.1	28

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37	Exhaled volatile organic compounds as markers for medication use in asthma. European Respiratory Journal, 2020, 55, 1900544.	3.1	27
38	Childhood asthma in the new omics era: challenges and perspectives. Current Opinion in Allergy and Clinical Immunology, 2020, 20, 155-161.	1.1	26
39	Efficacy and Safety Assessment of the Addition of Bevacizumab to Adjuvant Therapy Agents in Cancer Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. PLoS ONE, 2015, 10, e0136324.	1.1	25
40	Microvascular and macrovascular complications in type 2 diabetes Ghanaian residents in Ghana and Europe: The RODAM study. Journal of Diabetes and Its Complications, 2019, 33, 572-578.	1.2	25
41	Chronic Airway Diseases Early Stratification (CADSET): a new ERS Clinical Research Collaboration. European Respiratory Journal, 2019, 53, 1900217.	3.1	25
42	The Impact of Genetic Polymorphisms in Organic Cation Transporters on Renal Drug Disposition. International Journal of Molecular Sciences, 2020, 21, 6627.	1.8	25
43	Prescription patterns of angiotensinâ€converting enzyme inhibitors for various indications: A UK populationâ€based study. British Journal of Clinical Pharmacology, 2018, 84, 2365-2372.	1.1	24
44	The use of pharmacogenomics, epigenomics, and transcriptomics to improve childhood asthma management: Where do we stand?. Pediatric Pulmonology, 2018, 53, 836-845.	1.0	23
45	Effect of <i><scp>CYP</scp>4F2</i> , <i><scp>VKORC</scp>1</i> , and <i><scp>CYP</scp>2C9</i> in Influencing Coumarin Dose: A Singleâ€Patient Data Metaâ€Analysis in More Than 15,000 Individuals. Clinical Pharmacology and Therapeutics, 2019, 105, 1477-1491.	2.3	23
46	Breastfeeding is associated with a decreased risk of childhood asthma exacerbations later in life. Pediatric Allergy and Immunology, 2017, 28, 649-654.	1.1	22
47	What do we need to transfer pharmacogenetics findings into the clinic?. Pharmacogenomics, 2018, 19, 589-592.	0.6	22
48	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. BMC Cardiovascular Disorders, 2019, 19, 240.	0.7	22
49	eNose breath prints as a surrogate biomarker for classifying patients with asthma by atopy. Journal of Allergy and Clinical Immunology, 2020, 146, 1045-1055.	1.5	22
50	Genome-wide association study of angioedema induced by angiotensin-converting enzyme inhibitor and angiotensin receptor blocker treatment. Pharmacogenomics Journal, 2020, 20, 770-783.	0.9	22
51	Mapping atopic dermatitis and anti–IL-22 response signatures to type 2–low severe neutrophilic asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 89-101.	1.5	22
52	AsthmaMap: An expertâ€driven computational representation of disease mechanisms. Clinical and Experimental Allergy, 2018, 48, 916-918.	1.4	21
53	Outcome Definition Influences the Relationship between Genetic Polymorphisms of ERCC1, ERCC2, SLC22A2 and Cisplatin Nephrotoxicity in Adult Testicular Cancer Patients. Genes, 2019, 10, 364.	1.0	21
54	Lumacaftor/ivacaftor changes the lung microbiome and metabolome in cystic fibrosis patients. ERJ Open Research, 2021, 7, 00731-2020.	1,1	21

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55	Current Challenges and Potential Opportunities for the Pharmaceutical Sciences to Make Global Impact: An FIP Perspective. Journal of Pharmaceutical Sciences, 2016, 105, 2489-2497.	1.6	20
56	The need for precision medicine clinical trials in childhood asthma: rationale and design of the PUFFIN trial. Pharmacogenomics, 2017, 18, 393-401.	0.6	19
57	Breathomics and treatable traits for chronic airway diseases. Current Opinion in Pulmonary Medicine, 2019, 25, 94-100.	1.2	19
58	Exome Sequencing Reveals Common and Rare Variants in ⟨i>F5⟨li> Associated With ACE Inhibitor and Angiotensin Receptor Blocker–Induced Angioedema. Clinical Pharmacology and Therapeutics, 2020, 108, 1195-1202.	2.3	18
59	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	1.6	17
60	Treatment Eligibility of Real-Life Mepolizumab-Treated Severe Asthma Patients. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2999-3008.e1.	2.0	17
61	Targeted exhaled breath analysis for detection of Pseudomonas aeruginosa in cystic fibrosis patients. Journal of Cystic Fibrosis, 2022, 21, e28-e34.	0.3	17
62	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. European Respiratory Journal, 2021, 57, 2003388.	3.1	17
63	Change in prescription pattern as a potential marker for adverse drug reactions of angiotensin converting enzyme inhibitors. International Journal of Clinical Pharmacy, 2015, 37, 1095-1103.	1.0	16
64	Validity of diagnostic codes and laboratory measurements to identify patients with idiopathic acute liver injury in a hospital database. Pharmacoepidemiology and Drug Safety, 2016, 25, 21-28.	0.9	14
65	<i>IL1RL1</i> gene variations are associated with asthma exacerbations in children and adolescents using inhaled corticosteroids. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 984-989.	2.7	14
66	High incidence of oral corticosteroids prescriptions in children with asthma in early childhood. Journal of Asthma, 2016, 53, 1012-1017.	0.9	13
67	Precision medicine in childhood asthma. Current Opinion in Allergy and Clinical Immunology, 2019, 19, 141-147.	1.1	13
68	Genomeâ€wide association studies of exacerbations in children using longâ€acting beta2â€agonists. Pediatric Allergy and Immunology, 2021, 32, 1197-1207.	1.1	13
69	Pharmacogenomic testing in paediatrics: Clinical implementation strategies. British Journal of Clinical Pharmacology, 2022, 88, 4297-4310.	1.1	12
70	Real-World Effectiveness of Reslizumab in Patients With Severe Eosinophilic Asthma – First Initiators and Switchers. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 2099-2108.e6.	2.0	12
71	Asthma related medication use and exacerbations in children and adolescents with type 1 diabetes. Pediatric Pulmonology, 2016, 51, 1113-1121.	1.0	11
72	Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555.	1.6	11

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73	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1238-1243.	2.7	11
74	A System Pharmacology Multi-Omics Approach toward Uncontrolled Pediatric Asthma. Journal of Personalized Medicine, 2021, 11, 484.	1.1	11
75	A multi-omics approach to delineate sputum microbiome-associated asthma inflammatory phenotypes. European Respiratory Journal, 2022, 59, 2102603.	3.1	11
76	A novel acenocoumarol pharmacogenomic dosing algorithm for the Greek population of EU-PACT trial. Pharmacogenomics, 2017, 18, 23-34.	0.6	10
77	Blood biomarkers in chronic airways diseases and their role in diagnosis and management. Expert Review of Respiratory Medicine, 2018, 12, 361-374.	1.0	10
78	Exploring the role of low-frequency and rare exonic variants in alcohol and tobacco use. Drug and Alcohol Dependence, 2018, 188, 94-101.	1.6	10
79	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. Pharmacogenomics, 2018, 19, 707-713.	0.6	10
80	FCER2 T2206C variant associated with FENO levels in asthmatic children using inhaled corticosteroids: The PACMAN study. Clinical and Experimental Allergy, 2019, 49, 1429-1436.	1.4	10
81	Precision Medicine in Neonates: Future Perspectives for the Lung. Frontiers in Pediatrics, 2020, 8, 586061.	0.9	10
82	Bronchiectasis in Severe Asthma: Does It Make a Difference?. Respiration, 2020, 99, 1136-1144.	1.2	10
83	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. Pharmacogenomics Journal, 2020, 20, 621-628.	0.9	10
84	SHARP: enabling generation of real-world evidence on a pan-European scale to improve the lives of individuals with severe asthma. ERJ Open Research, 2021, 7, 00064-2021.	1.1	10
85	A genetic risk score is associated with statin-induced low-density lipoprotein cholesterol lowering. Pharmacogenomics, 2016, 17, 583-591.	0.6	9
86	Increased dayâ€toâ€day fluctuations in exhaled breath profiles after a rhinovirus challenge in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2488-2499.	2.7	9
87	Biologicals in childhood severe asthma: the European PERMEABLE survey on the <i>status quo</i> . ERJ Open Research, 2021, 7, 00143-2021.	1.1	9
88	Genetic variation in the reninâ€"angiotensin system, use of reninâ€"angiotensin system inhibitors and the risk of myocardial infarction. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 208-214.	1.0	8
89	Higher prevalence of peripheral arterial disease in Ghana compared to Ghanaian migrants in Europe: The RODAM study. International Journal of Cardiology, 2020, 305, 127-134.	0.8	8
90	Mining treatment patterns of glucose-lowering medications for type 2 diabetes in the Netherlands. BMJ Open Diabetes Research and Care, 2020, 8, e000767.	1.2	8

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91	Crossâ€sectional biomarker comparisons in asthma monitoring using a longitudinal design: The eNose premise. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2690-2693.	2.7	8
92	Genetic variants associated with methotrexate-induced mucositis in cancer treatment: A systematic review and meta-analysis. Critical Reviews in Oncology/Hematology, 2021, 161, 103312.	2.0	8
93	Associations of Serum Uric Acid Levels With Macrovascular and Renal Microvascular Dysfunction Among Individuals From Sub-Saharan Africa. JAMA Network Open, 2021, 4, e2128985.	2.8	8
94	Transcriptome changes during peanut oral immunotherapy and omalizumab treatment. Pediatric Allergy and Immunology, 2022, 33, e13682.	1,1	8
95	3TR: a pan-European cross-disease research consortium aimed at improving personalised biological treatment of asthma and COPD. European Respiratory Journal, 2021, 58, 2102168.	3.1	8
96	Adult derived genetic blood pressure scores and blood pressure measured in different body postures in young children. European Journal of Preventive Cardiology, 2017, 24, 320-327.	0.8	7
97	Recent Advances in Systems and Network Medicine: Meeting Report from the First International Conference in Systems and Network Medicine. Systems Medicine (New Rochelle, N Y ), 2020, 3, 22-35.	1.4	7
98	The Influence of Smoking Status on Exhaled Breath Profiles in Asthma and COPD Patients. Molecules, 2021, 26, 1357.	1.7	7
99	Continuation of angiotensin converting enzyme inhibitor therapy, in spite of occurrence of angioedema. International Journal of Cardiology, 2015, 201, 644-645.	0.8	6
100	Cardiovascular medication use and cardiovascular disease in children and adolescents with type 1 diabetes: a population-based cohort study. Pediatric Diabetes, 2016, 17, 433-440.	1.2	6
101	AsthmaMap: An interactive knowledge repository for mechanisms of asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 853-856.	1.5	6
102	<i>ADRB2</i> haplotypes and asthma exacerbations in children and young adults: An individual participant data metaâ€analysis. Clinical and Experimental Allergy, 2021, 51, 1157-1171.	1.4	6
103	Identification of ROBO2 as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. Journal of Personalized Medicine, 2021, 11, 733.	1.1	6
104	Inflammation and its associations with aortic stiffness, coronary artery disease and peripheral artery disease in different ethnic groups: The HELIUS Study. EClinicalMedicine, 2021, 38, 101012.	3.2	6
105	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. PLoS ONE, 2021, 16, e0257396.	1.1	6
106	Gut microbiota of adults with asthma is broadly similar to non-asthmatics in a large population with varied ethnic origins. Gut Microbes, 2021, 13, 1995279.	4.3	6
107	Early health technology assessments in pharmacogenomics: a case example in cardiovascular drugs. Pharmacogenomics, 2017, 18, 1143-1153.	0.6	5
108	Expert meeting report: towards a joint European roadmap to address the unmet needs and priorities of paediatric asthma patients on biologic therapy. ERJ Open Research, 2021, 7, 00381-2021.	1.1	5

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109	Association between Genetic Variants and Cisplatin-Induced Nephrotoxicity: A Genome-Wide Approach and Validation Study. Journal of Personalized Medicine, 2021, 11, 1233.	1.1	5
110	Persistence of parentalâ€reported asthma at early ages: AÂlongitudinal twin study. Pediatric Allergy and Immunology, 2022, 33, e13762.	1.1	5
111	Comparison of Myelotoxicity and Nephrotoxicity Between Daily Low-Dose Cisplatin With Concurrent Radiation and Cyclic High-Dose Cisplatin in Non-Small Cell Lung Cancer Patients. Frontiers in Pharmacology, 2020, 11, 975.	1.6	4
112	Associations between macrovascular and renal microvascular dysfunction in type 2 diabetes and non-diabetes: the HELIUS study. Microvascular Research, 2021, 136, 104162.	1.1	4
113	Nonadherence to inhaled corticosteroids: A characteristic of the pediatric obeseâ€asthma phenotype?. Pediatric Pulmonology, 2021, 56, 948-956.	1.0	3
114	Association of endopeptidases, involved in SARSâ€CoVâ€2 infection, with microbial aggravation in sputum of severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1917-1921.	2.7	3
115	Identification of recent exacerbations in COPD patients by electronic nose. ERJ Open Research, 2020, 6, 00307-2020.	1.1	3
116	How paediatric drug development and use could benefit from OMICs: A c4c expert group white paper. British Journal of Clinical Pharmacology, 2022, , .	1.1	3
117	Asthma treatment patterns in Dutch children using medication dispensing data. Pediatric Allergy and Immunology, 2017, 28, 606-608.	1.1	2
118	Role of CYP4F2, CYP2C19, and CYP1A2 polymorphisms on acenocoumarol pharmacogenomic algorithm accuracy improvement in the Greek population: need for sub-phenotype analysis. Drug Metabolism and Personalized Therapy, 2017, 32, 183-190.	0.3	2
119	Effects of age and genetic variations in <i>VKORC1</i> , <i>CYP2C9</i> and <i>CYP3A4</i> on the phenprocoumon dose in pediatric patients. Pharmacogenomics, 2018, 19, 1195-1202.	0.6	2
120	Higher prescription of antidepressants and/or anxiolytics among chronic obstructive pulmonary disease patients. Therapeutic Advances in Respiratory Disease, 2021, 15, 175346662096169.	1.0	2
121	Alterations to the urinary metabolome following semi-controlled short exposures to ultrafine particles at a major airport. International Journal of Hygiene and Environmental Health, 2021, 237, 113803.	2.1	2
122	Exhaled Metabolite Patterns to Identify Recent Asthma Exacerbations. Metabolites, 2021, 11, 872.	1.3	2
123	Patterns of topical corticosteroids prescriptions in children with asthma. Pediatric Dermatology, 2018, 35, 378-383.	0.5	1
124	C-reactive protein as a biomarker of response to inhaled corticosteroids among patients with COPD. Pulmonary Pharmacology and Therapeutics, 2020, 60, 101870.	1,1	1
125	Pharmacoepidemiology: A time for a new multidisciplinary approach to precision medicine. Pharmacoepidemiology and Drug Safety, 2021, 30, 985-992.	0.9	1
126	AdDIT Editorial commentâ€"challenges in medication treatment of renal and cardiovascular diseases and risk factors in adolescents with type 1 diabetes. Annals of Translational Medicine, 2018, 6, 193-193.	0.7	1

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127	Impact of a Gap Junction Protein Alpha 4 Variant on Clinical Disease Phenotype in F508del Homozygous Patients With Cystic Fibrosis. Frontiers in Genetics, 2020, 11, 570403.	1.1	1
128	The effectiveness of HMG-CoA reductase inhibitors in an elderly population is independent of apolipoprotein E-genotypes. British Journal of Clinical Pharmacology, 2002, 53, 548P-548P.	1.1	0