

# Jennie Hui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3186747/publications.pdf>

Version: 2024-02-01

112  
papers

30,285  
citations

28274

55  
h-index

22166

113  
g-index

125  
all docs

125  
docs citations

125  
times ranked

37012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
3	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	21.4	1,982
4	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
5	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	27.8	1,789
6	A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. <i>New England Journal of Medicine</i> , 2010, 363, 1211-1221.	27.0	1,762
7	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 981-990.	21.4	1,748
8	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
9	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	21.4	959
10	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
11	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
12	Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
13	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , 2009, 41, 342-347.	21.4	709
14	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010, 42, 36-44.	21.4	518
15	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
16	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	3.5	419
17	The natural history of nonalcoholic fatty liver disease with advanced fibrosis or cirrhosis: An international collaborative study. <i>Hepatology</i> , 2011, 54, 1208-1216.	7.3	399
18	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	27.8	383

#	ARTICLE	IF	CITATIONS
19	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.	7.1	376
20	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	3.5	371
21	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	21.4	367
22	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493.	21.4	350
23	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet, The</i> , 2011, 378, 1006-1014.	13.7	345
24	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
25	Genomics of the major histocompatibility complex: haplotypes, duplication, retroviruses and disease. <i>Immunological Reviews</i> , 1999, 167, 275-304.	6.0	321
26	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425.	21.4	257
27	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019, 51, 494-505.	21.4	257
28	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	7.9	235
29	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
30	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	2.5	197
31	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1564-1571.	2.9	195
32	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014, 5, 4926.	12.8	192
33	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	12.8	181
34	Genome-wide association study to identify genetic determinants of severe asthma. <i>Thorax</i> , 2012, 67, 762-768.	5.6	169
35	Genome-Wide Association Studies Identify <i>CHRNA5/3</i> and <i>HTR4</i> in the Development of Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 622-632.	5.6	164
36	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158

#	ARTICLE	IF	CITATIONS
37	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	3.5	150
38	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131
39	Effect of Five Genetic Variants Associated with Lung Function on the Risk of Chronic Obstructive Lung Disease, and Their Joint Effects on Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 786-795.	5.6	128
40	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .	2.7	123
41	Traffic-related air pollution exposure is associated with allergic sensitization, asthma, and poor lung function in middle age. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 122-129.e1.	2.9	117
42	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015, 6, 8658.	12.8	108
43	High-coverage plasma lipidomics reveals novel sex-specific lipidomic fingerprints of age and BMI: Evidence from two large population cohort studies. <i>PLoS Biology</i> , 2020, 18, e3000870.	5.6	89
44	Traffic-related air pollution exposure over a 5-year period is associated with increased risk of asthma and poor lung function in middle age. <i>European Respiratory Journal</i> , 2017, 50, 1602357.	6.7	80
45	Cytokine levels and associations with symptom severity in male and female children with autism spectrum disorder. <i>Molecular Autism</i> , 2017, 8, 63.	4.9	80
46	Whole-genome sequence-based analysis of thyroid function. <i>Nature Communications</i> , 2015, 6, 5681.	12.8	75
47	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
48	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1148-1157.	2.9	72
49	Genetic Variants Associated with Increased Risk of Malignant Pleural Mesothelioma: A Genome-Wide Association Study. <i>PLoS ONE</i> , 2013, 8, e61253.	2.5	71
50	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020, 8, 696-708.	10.7	69
51	Changes in the prevalence of asthma in adults since 1966: the Busselton health study. <i>European Respiratory Journal</i> , 2010, 35, 273-278.	6.7	68
52	Genome-wide association study of body mass index in 23,000 individuals with and without asthma. <i>Clinical and Experimental Allergy</i> , 2013, 43, 463-474.	2.9	68
53	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 782-795.	10.7	66
54	Genome-wide association study and meta-analysis in multiple populations identifies new loci for peanut allergy and establishes C11orf30/EMSY as a genetic risk factor for food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 991-1001.	2.9	57

#	ARTICLE	IF	CITATIONS
55	A Comprehensive Evaluation of Potential Lung Function Associated Genes in the SpiroMeta General Population Sample. <i>PLoS ONE</i> , 2011, 6, e19382.	2.5	56
56	A genome-wide association study for malignant mesothelioma risk. <i>Lung Cancer</i> , 2013, 82, 1-8.	2.0	45
57	Rationale, design and methods for a community-based study of clustering and cumulative effects of chronic disease processes and their effects on ageing: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2013, 13, 936.	2.9	45
58	PEBBLES study protocol: a randomised controlled trial to prevent atopic dermatitis, food allergy and sensitisation in infants with a family history of allergic disease using a skin barrier improvement strategy. <i>BMJ Open</i> , 2019, 9, e024594.	1.9	45
59	Causal and Synthetic Associations of Variants in the SERPINA Gene Cluster with Alpha1-antitrypsin Serum Levels. <i>PLoS Genetics</i> , 2013, 9, e1003585.	3.5	43
60	Epidemiological and Mendelian Randomization Studies of Dihydrotestosterone and Estradiol and Leukocyte Telomere Length in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1299-1306.	3.6	37
61	Increased central adiposity is associated with pro-inflammatory immunoglobulin G N-glycans. <i>Immunobiology</i> , 2019, 224, 110-115.	1.9	34
62	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. <i>Diabetes</i> , 2012, 61, 2176-2186.	0.6	31
63	HABP2 germline variants are uncommon in familial nonmedullary thyroid cancer. <i>BMC Medical Genetics</i> , 2016, 17, 60.	2.1	31
64	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. <i>Nature Communications</i> , 2022, 13, .	12.8	30
65	Integrative pathway genomics of lung function and airflow obstruction. <i>Human Molecular Genetics</i> , 2015, 24, 6836-6848.	2.9	28
66	The interaction between farming/rural environment and TLR2, TLR4, TLR6 and CD14 genetic polymorphisms in relation to early- and late-onset asthma. <i>Scientific Reports</i> , 2017, 7, 43681.	3.3	27
67	Airway microbial communities, smoking and asthma in a general population sample. <i>EBioMedicine</i> , 2021, 71, 103538.	6.1	26
68	Genetic variants affecting cross-sectional lung function in adults show little or no effect on longitudinal lung function decline. <i>Thorax</i> , 2017, 72, 400-408.	5.6	25
69	Alu polymorphism within the MICB gene and association with HLA-B alleles. <i>Immunogenetics</i> , 2002, 53, 975-979.	2.4	23
70	A Canadian genome-wide association study and meta-analysis confirm HLA as a risk factor for peanut allergy independent of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1513-1516.	2.9	21
71	Do Variants in GSTs Modify the Association between Traffic Air Pollution and Asthma in Adolescence?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 485.	4.1	20
72	The prevalence and comorbidities of obstructive sleep apnea in middle-aged men and women: the Busselton Healthy Ageing Study. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 2029-2039.	2.6	20

#	ARTICLE	IF	CITATIONS
73	Patterns of airway disease and the clinical diagnosis of asthma in the Busselton population. <i>European Respiratory Journal</i> , 2011, 38, 1053-1059.	6.7	18
74	Exposure to household air pollution over 10 years is related to asthma and lung function decline. <i>European Respiratory Journal</i> , 2021, 57, 2000602.	6.7	18
75	A genome-wide association scan for asthma in a general Australian population. <i>Human Genetics</i> , 2008, 123, 297-306.	3.8	17
76	Vitamin D and respiratory health in the Busselton Healthy Ageing Study. <i>Respirology</i> , 2018, 23, 576-582.	2.3	15
77	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2021, 21, 1539.	2.9	14
78	Risk factors for respiratory symptoms in adults: The Busselton Health Study. <i>Respirology</i> , 2013, 18, 1256-1260.	2.3	13
79	Interaction of Glutathione S-Transferase M1, $\text{A}1$ , and P1 Genes With Early Life Tobacco Smoke Exposure on Lung Function in Adolescents. <i>Chest</i> , 2019, 155, 94-102.	0.8	12
80	The Wittenoom legacy. <i>International Journal of Epidemiology</i> , 2020, 49, 467-476.	1.9	11
81	Pleiotropy of cardiometabolic syndrome with obesity-related anthropometric traits determined using empirically derived kinships from the Busselton Health Study. <i>Human Genetics</i> , 2018, 137, 45-53.	3.8	10
82	Associations of plasma IGF1, IGFBP3 and estradiol with leucocyte telomere length, a marker of biological age, in men. <i>European Journal of Endocrinology</i> , 2020, 182, 23-33.	3.7	10
83	Functional haplotypes in the <i>PTGDR</i> gene fail to associate with asthma in two Australian populations. <i>Respirology</i> , 2011, 16, 359-366.	2.3	9
84	Effects of androgen deprivation therapy on telomere length. <i>Clinical Endocrinology</i> , 2017, 87, 381-385.	2.4	9
85	Cross-sectional associations of sex hormones with leucocyte telomere length, a marker of biological age, in a community-based cohort of older men. <i>Clinical Endocrinology</i> , 2019, 90, 562-569.	2.4	9
86	The PHF11 gene is not associated with asthma or asthma phenotypes in two independent populations. <i>Thorax</i> , 2009, 64, 620-625.	5.6	8
87	Early life acetaminophen exposure, glutathione S-transferase genes, and development of adolescent asthma in a high-risk birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1035-1044.e12.	2.9	8
88	AluMICB dimorphism within the class I region of the major histocompatibility complex is associated with asthma and airflow obstruction in the Busselton population. <i>Clinical and Experimental Allergy</i> , 2006, 36, 728-734.	2.9	7
89	Identification of <i>STOML2</i> as a putative novel asthma risk gene associated with <i>IL6R</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1020-1030.	5.7	7
90	Risk factors for malignant mesothelioma in people with no known exposure to asbestos. <i>American Journal of Industrial Medicine</i> , 2017, 60, 432-436.	2.1	6

#	ARTICLE	IF	CITATIONS
91	U-Shaped Relationship of Leukocyte Telomere Length With All-Cause and Cancer-Related Mortality in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 164-171.	3.6	6
92	DXA-Derived vs Standard Anthropometric Measures for Predicting Cardiometabolic Risk in Middle-Aged Australian Men and Women. <i>Journal of Clinical Densitometry</i> , 2022, 25, 299-307.	1.2	6
93	Gastroesophageal reflux and respiratory symptoms in Busselton adults: the effects of bodyweight and sleep apnoea. <i>Internal Medicine Journal</i> , 2012, 42, 772-779.	0.8	5
94	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019, 9, 9439.	3.3	5
95	Why Not Use the Immunoglobulin G N-Glycans as Predictor Variables in Disease Biomarker-Phenotype Association Studies? A Multivariate Analysis. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 668-670.	2.0	5
96	Phenotype consensus is required to enable large-scale genetic consortium studies of food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2383-2387.	5.7	5
97	Comparison of the milk quality of the South African Boer and Australian Rangeland goats. <i>Small Ruminant Research</i> , 2004, 53, 181-184.	1.2	4
98	Estimating eligibility for lung cancer screening in an Australian cohort, including the effect of spirometry. <i>Medical Journal of Australia</i> , 2016, 204, 406-406.	1.7	4
99	Common genetic variants associated with thyroid function may be risk alleles for Hashimoto's disease and Graves' disease. <i>Clinical Endocrinology</i> , 2016, 84, 278-283.	2.4	4
100	Identification of two new C4 alleles by DNA sequencing and evidence for a historical recombination of serologically defined C4A and C4B alleles. <i>Tissue Antigens</i> , 2004, 63, 263-269.	1.0	3
101	A 5 $\alpha$ -reductase (SRD5A2) polymorphism is associated with serum testosterone and sex hormone-binding globulin in men, while aromatase (CYP19A1) polymorphisms are associated with oestradiol and luteinizing hormone reciprocally. <i>Clinical Endocrinology</i> , 2019, 90, 301-311.	2.4	3
102	Early-life exposure to sibling modifies the relationship between CD14 polymorphisms and allergic sensitization. <i>Clinical and Experimental Allergy</i> , 2019, 49, 331-340.	2.9	2
103	Obstructive airway disease in 46-65-year-old people in Busselton, Western Australia, 1966-2015. <i>Medical Journal of Australia</i> , 2018, 208, 209-213.	1.7	1
104	Early-Life Exposure to Oral Antibiotics and Lung Function Into Early Adulthood. <i>Chest</i> , 2020, 157, 334-341.	0.8	1
105	Vitamin D and respiratory health in the Busselton healthy ageing study. , 2016, , .		1
106	Patterns Of Airway Disease And The Clinical Diagnosis Of Asthma In The Busselton Population. , 2011, , .		0
107	Comprehensive Evaluation Of Mild-To-Moderate Asthma Genes In Severe Asthma (AUGOSA). , 2011, , .		0
108	Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. <i>BMC Genetics</i> , 2016, 17, 116.	2.7	0

#	ARTICLE	IF	CITATIONS
109	Genetic variants in HLA are a significant risk factor for peanut allergy independent of asthma. Journal of Allergy and Clinical Immunology, 2017, 139, AB88.	2.9	0
110	Potential for paralogous mapping to simplify the genetics of diseases and functions associated with MHC haplotypes. , 2000, , 146-157.		0
111	Exposure to siblings in early life modifies the association between <i>CD14</i> polymorphisms and allergic sensitization in adult life. , 2015, , .		0
112	Eligibility for lung cancer screening in Australia and the effect on screening eligibility of using spirometry to identify COPD. , 2016, , .		0