

Jennie Hui

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106 papers	23,351 citations	47 h-index	125 g-index
125 ext. papers	27,595 ext. citations	13.9 avg, IF	4.66 L-index

#	Paper	IF	Citations
106	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,	17.4	5
105	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	6.4	2
104	Exposure to household air pollution over 10 years is related to asthma and lung function decline. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	6
103	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2021 , 21, 1539	4.1	3
102	Airway microbial communities, smoking and asthma in a general population sample. <i>EBioMedicine</i> , 2021 , 71, 103538	8.8	5
101	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	3.1	2
100	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	9.3	5
99	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	6.5	5
98	The Wittenoom legacy. <i>International Journal of Epidemiology</i> , 2020 , 49, 467-476	7.8	3
97	Early-Life Exposure to Oral Antibiotics and Lung Function Into Early Adulthood. <i>Chest</i> , 2020 , 157, 334-344	4.3	1
96	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	9.7	24
95	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	35.1	29
94	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	11.5	12
93	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	3	23
92	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	36.3	156
91	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019 , 51, 494-505	36.3	119
90	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	4.9	3

89	Why Not Use the Immunoglobulin G -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	3.8	4
88	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	3.4	4
87	Interaction of Glutathione S-Transferase M1, T1, and P1 Genes With Early Life Tobacco Smoke Exposure on Lung Function in Adolescents. <i>Chest</i> , 2019 , 155, 94-102	5.3	8
86	Increased central adiposity is associated with pro-inflammatory immunoglobulin G N-glycans. <i>Immunobiology</i> , 2019 , 224, 110-115	3.4	18
85	A 5 β -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	3.4	0
84	Early-life exposure to sibling modifies the relationship between CD14 polymorphisms and allergic sensitization. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 331-340	4.1	0
83	Vitamin D and respiratory health in the Busselton Healthy Ageing Study. <i>Respirology</i> , 2018 , 23, 576-582	3.6	7
82	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	11.5	16
81	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
80	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	11.5	47
79	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	6.3	5
78	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	4	1
77	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018 , 9, 4455	17.4	75
76	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	11.5	92
75	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , 2017 , 3, 636-651	13.4	236
74	Risk factors for malignant mesothelioma in people with no known exposure to asbestos. <i>American Journal of Industrial Medicine</i> , 2017 , 60, 432-436	2.7	6
73	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	36.3	170
72	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	7.3	20

71	Effects of androgen deprivation therapy on telomere length. <i>Clinical Endocrinology</i> , 2017 , 87, 381-385	3.4	6
70	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	4.9	23
69	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,	13.6	57
68	Cytokine levels and associations with symptom severity in male and female children with autism spectrum disorder. <i>Molecular Autism</i> , 2017 , 8, 63	6.5	46
67	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 ,	8.5	85
66	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	11.5	43
65	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
64	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016 , 7, 13357	17.4	46
63	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	2.6	
62	Estimating eligibility for lung cancer screening in an Australian cohort, including the effect of spirometry. <i>Medical Journal of Australia</i> , 2016 , 204, 406	4	4
61	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	6.3	14
60	Identification of STOML2 as a putative novel asthma risk gene associated with IL6R. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 1020-30	9.3	5
59	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	3.4	2
58	HABP2 germline variants are uncommon in familial nonmedullary thyroid cancer. <i>BMC Medical Genetics</i> , 2016 , 17, 60	2.1	27
57	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, 1299-306	5.6	32
56	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 782-95	35.1	52
55	Integrative pathway genomics of lung function and airflow obstruction. <i>Human Molecular Genetics</i> , 2015 , 24, 6836-48	5.6	20
54	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167

53	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	6	220
52	Whole-genome sequence-based analysis of thyroid function. <i>Nature Communications</i> , 2015 , 6, 5681	17.4	56
51	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015 , 6, 8658	17.4	79
50	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
49	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
48	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, 1564-71	11.5	143
47	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014 , 5, 4926	17.4	121
46	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
45	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
44	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
43	Identification of novel genetic Loci associated with thyroid peroxidase antibodies and clinical thyroid disease. <i>PLoS Genetics</i> , 2014 , 10, e1004123	6	122
42	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013 , 45, 902-906	36.3	191
41	A genome-wide association study for malignant mesothelioma risk. <i>Lung Cancer</i> , 2013 , 82, 1-8	5.9	35
40	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	4.1	31
39	Genome-wide association study of body mass index in 23 000 individuals with and without asthma. <i>Clinical and Experimental Allergy</i> , 2013 , 43, 463-74	4.1	54
38	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	6	277
37	Causal and synthetic associations of variants in the SERPINA gene cluster with alpha1-antitrypsin serum levels. <i>PLoS Genetics</i> , 2013 , 9, e1003585	6	37
36	Risk factors for respiratory symptoms in adults: the Busselton Health Study. <i>Respirology</i> , 2013 , 18, 1256-60	5.0	13

35	Genetic variants associated with increased risk of malignant pleural mesothelioma: a genome-wide association study. <i>PLoS ONE</i> , 2013 , 8, e61253	3.7	43
34	Gastro-oesophageal reflux and respiratory symptoms in Busselton adults: the effects of bodyweight and sleep apnoea. <i>Internal Medicine Journal</i> , 2012 , 42, 772-9	1.6	4
33	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
32	Impact of common variation in bone-related genes on type 2 diabetes and related traits. <i>Diabetes</i> , 2012 , 61, 2176-86	0.9	25
31	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
30	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , 2012 , 7, e29202	3.7	138
29	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
28	Genome-wide association study to identify genetic determinants of severe asthma. <i>Thorax</i> , 2012 , 67, 762-8	7.3	139
27	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	6	326
26	Genome-wide association studies identify CHRNA5/3 and HTR4 in the development of airflow obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 622-32	10.2	131
25	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
24	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet, The</i> , 2011 , 378, 1006-14	40	298
23	Functional haplotypes in the PTGDR gene fail to associate with asthma in two Australian populations. <i>Respirology</i> , 2011 , 16, 359-66	3.6	7
22	The natural history of nonalcoholic fatty liver disease with advanced fibrosis or cirrhosis: an international collaborative study. <i>Hepatology</i> , 2011 , 54, 1208-16	11.2	323
21	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, 786-95	10.2	112
20	Patterns of airway disease and the clinical diagnosis of asthma in the Busselton population. <i>European Respiratory Journal</i> , 2011 , 38, 1053-9	13.6	12
19	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
18	A comprehensive evaluation of potential lung function associated genes in the SpiroMeta general population sample. <i>PLoS ONE</i> , 2011 , 6, e19382	3.7	41

17	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
16	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010 , 42, 36-44	36.3	430
15	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, 949-60	36.3	724
14	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
13	Changes in the prevalence of asthma in adults since 1966: the Busselton health study. <i>European Respiratory Journal</i> , 2010 , 35, 273-8	13.6	57
12	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
11	A large-scale, consortium-based genomewide association study of asthma. <i>New England Journal of Medicine</i> , 2010 , 363, 1211-1221	59.2	1431
10	The PHF11 gene is not associated with asthma or asthma phenotypes in two independent populations. <i>Thorax</i> , 2009 , 64, 620-5	7.3	5
9	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , 2009 , 41, 342-7	36.3	627
8	A genome-wide association scan for asthma in a general Australian population. <i>Human Genetics</i> , 2008 , 123, 297-306	6.3	16
7	Alu/MICB 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, 728-34	4.1	7
6	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, 263-9		2
5	Comparison of the milk quality of the South African Boer and Australian Rangeland goats. <i>Small Ruminant Research</i> , 2004 , 53, 181-184	1.7	4
4	Alu polymorphism within the MICB gene and association with HLA-B alleles. <i>Immunogenetics</i> , 2002 , 53, 975-9	3.2	22
3	Potential for paralogous mapping to simplify the genetics of diseases and functions associated with MHC haplotypes 2000 , 146-157		
2	Genomics of the major histocompatibility complex: haplotypes, duplication, retroviruses and disease. <i>Immunological Reviews</i> , 1999 , 167, 275-304	11.3	283
1	New genetic signals for lung function highlight pathways and pleiotropy, and chronic obstructive pulmonary disease associations across multiple ancestries		5