Lyle John Palmer

List of Publications by Year in Descending Order

272 papers	30,792 citations	83 h-index	172 g-index
296 ext. papers	34,862 ext. citations	9.1 avg, IF	6.03 L-index

#	Paper	IF	Citations
272	The changing profile of obstructive sleep apnea: long term trends in characteristics of patients presenting for diagnostic polysomnography.. *Sleep Science*, **2022**, 15, 28-40	1.8	0
271	Validation and algorithmic audit of a deep learning system for the detection of proximal femoral fractures in patients in the emergency department: a diagnostic accuracy study.. *The Lancet Digital Health*, **2022**,	14.4	2
270	AI recognition of patient race in medical imaging: a modelling study.. *The Lancet Digital Health*, **2022**,	14.4	7
269	Cohort profile: The Western Australian Sleep health study, a prospective sleep clinic cohort study. *Sleep Epidemiology*, **2021**, 1, 100010		0
268	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. *Molecular Psychiatry*, **2021**,	15.1	3
267	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
266	A survey of clinicians on the use of artificial intelligence in ophthalmology, dermatology, radiology and radiation oncology. *Scientific Reports*, **2021**, 11, 5193	4.9	15
265	Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. *Genome Medicine*, **2021**, 13, 136	14.4	3
264	The Relationship of Sleep Duration with Ethnicity and Chronic Disease in a Canadian General Population Cohort. *Nature and Science of Sleep*, **2020**, 12, 239-251	3.6	4
263	Definition and diagnosis of cerebral palsy in genetic studies: a systematic review. *Developmental Medicine and Child Neurology*, **2020**, 62, 1024-1030	3.3	9
262	Continuous Positive Airway Pressure Treatment, Glycemia, and Diabetes Risk in Obstructive Sleep Apnea and Comorbid Cardiovascular Disease. *Diabetes Care*, **2020**, 43, 1859-1867	14.6	15
261	Physical activity is associated with reduced prevalence of self-reported obstructive sleep apnea in a large, general population cohort study. *Journal of Clinical Sleep Medicine*, **2020**, 16, 1179-1187	3.1	8
260	Producing Radiologist-Quality Reports for Interpretable Deep Learning. **2019**,		9
259	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
258	Associations of variants In the hexokinase 1 and interleukin 18 receptor regions with oxyhemoglobin saturation during sleep. *PLoS Genetics*, **2019**, 15, e1007739	6	14
257	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. *Scientific Reports*, **2019**, 9, 9439	4.9	3
256	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in DLC1 Associated with Sleep-Related Oxyhemoglobin Saturation Level. *American Journal of Human Genetics*, **2019**, 105, 1057-1068	11	4

255	Multiethnic Meta-Analysis Identifies RAI1 as a Possible Obstructive Sleep Apnea-related Quantitative Trait Locus in Men. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 391-401	5.7	37
254	The Canadian Partnership for Tomorrow Project: a pan-Canadian platform for research on chronic disease prevention. *Cmaj*, **2018**, 190, E710-E717	3.5	44
253	The genetics of obstructive sleep apnoea. *Respirology*, **2018**, 23, 18-27	3.6	32
252	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. *American Journal of Human Genetics*, **2018**, 103, 691-706	11	151
251	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Molecular Psychiatry*, **2017**, 22, 192-201	15.1	31
250	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
249	Precision Radiology: Predicting longevity using feature engineering and deep learning methods in a radiomics framework. *Scientific Reports*, **2017**, 7, 1648	4.9	86
248	Effect of Obstructive Sleep Apnea Treatment on Renal Function in Patients with Cardiovascular Disease. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 1456-1462	10.2	23
247	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
246	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
245	Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. *BMC Genetics*, **2016**, 17, 116	2.6	
244	International Genome-Wide Association Study Consortium Identifies Novel Loci Associated With Blood Pressure in Children and Adolescents. *Circulation: Cardiovascular Genetics*, **2016**, 9, 266-278		32
243	The aggregation of early-onset melanoma in young Western Australian families. *Cancer Epidemiology*, **2015**, 39, 346-52	2.8	
242	Neighborhood greenspace and health in a large urban center. *Scientific Reports*, **2015**, 5, 11610	4.9	214
241	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
240	Physical Inactivity Is Associated with Moderate-Severe Obstructive Sleep Apnea. *Journal of Clinical Sleep Medicine*, **2015**, 11, 1091-9	3.1	36
239	Depressive Symptoms before and after Treatment of Obstructive Sleep Apnea in Men and Women. *Journal of Clinical Sleep Medicine*, **2015**, 11, 1029-38	3.1	74
238	A Comprehensive Evaluation of a Two-Channel Portable Monitor to "Rule in" Obstructive Sleep Apnea. *Journal of Clinical Sleep Medicine*, **2015**, 11, 433-44	3.1	31

237	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25,000 subjects. *Molecular Psychiatry*, **2015**, 20, 735-43	15.1	39
236	A genome-wide association study of body mass index across early life and childhood. *International Journal of Epidemiology*, **2015**, 44, 700-12	7.8	92
235	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
234	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. *American Journal of Human Genetics*, **2014**, 95, 24-38	11	80
233	A genome-wide association meta-analysis of preschool internalizing problems. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 667-676.e7	7.2	37
232	Large-scale genome-wide association studies and meta-analyses of longitudinal change in adult lung function. *PLoS ONE*, **2014**, 9, e100776	3.7	42
231	A vision for chronic disease prevention intervention research: report from a workshop. *Canadian Journal of Public Health*, **2014**, 105, e150-3	3.2	5
230	The association of host and genetic melanoma risk factors with Breslow thickness in the Western Australian Melanoma Health Study. *British Journal of Dermatology*, **2014**, 170, 851-7	4	8
229	Effectiveness of individual-focused interventions to prevent chronic disease. *European Journal of Clinical Investigation*, **2014**, 44, 883-91	4.6	5
228	Childhood intelligence is heritable, highly polygenic and associated with FNBP1L. *Molecular Psychiatry*, **2014**, 19, 253-8	15.1	171
227	Improved techniques for measurement of nanolitre volumes of phloem exudate from aphid stylectomy. *Plant Methods*, **2013**, 9, 18	5.8	8
226	A comprehensive investigation of variants in genes encoding adiponectin (ADIPOQ) and its receptors (ADIPOR1/R2), and their association with serum adiponectin, type 2 diabetes, insulin resistance and the metabolic syndrome. *BMC Medical Genetics*, **2013**, 14, 15	2.1	56
225	High prevalence of undiagnosed obstructive sleep apnoea in the general population and methods for screening for representative controls. *Sleep and Breathing*, **2013**, 17, 967-73	3.1	86
224	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. *American Journal of Human Genetics*, **2013**, 93, 236-48	11	49
223	A genome-wide association study for malignant mesothelioma risk. *Lung Cancer*, **2013**, 82, 1-8	5.9	35
222	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Human Molecular Genetics*, **2013**, 22, 2735-47	5.6	138
221	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. *BMC Public Health*, **2013**, 13, 936	4.1	31
220	Association between liver-specific gene polymorphisms and their expression levels with nonalcoholic fatty liver disease. *Hepatology*, **2013**, 57, 590-600	11.2	61

219	Excessive daytime sleepiness increases the risk of motor vehicle crash in obstructive sleep apnea. *Journal of Clinical Sleep Medicine*, **2013**, 9, 1013-21	3.1	75
218	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
217	Genome-wide association study of body mass index in 23 000 individuals with and without asthma. *Clinical and Experimental Allergy*, **2013**, 43, 463-74	4.1	54
216	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. *Science*, **2013**, 340, 1467-71	33.3	563
215	Strategy to control type I error increases power to identify genetic variation using the full biological trajectory. *Genetic Epidemiology*, **2013**, 37, 419-30	2.6	1
214	Familial aggregation of malignant mesothelioma in former workers and residents of Wittenoom, Western Australia. *International Journal of Cancer*, **2013**, 132, 1423-8	7.5	30
213	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
212	Polymorphisms in genes within the IGF-axis influence antenatal and postnatal growth. *Journal of Developmental Origins of Health and Disease*, **2013**, 4, 157-69	2.4	2
211	Genetic influences on trajectories of systolic blood pressure across childhood and adolescence. *Circulation: Cardiovascular Genetics*, **2013**, 6, 608-14		24
210	Modelling BMI trajectories in children for genetic association studies. *PLoS ONE*, **2013**, 8, e53897	3.7	22
209	Genetic variants associated with increased risk of malignant pleural mesothelioma: a genome-wide association study. *PLoS ONE*, **2013**, 8, e61253	3.7	43
208	Association of a body mass index genetic risk score with growth throughout childhood and adolescence. *PLoS ONE*, **2013**, 8, e79547	3.7	41
207	Associations between anxious-depressed symptoms and cardiovascular risk factors in a longitudinal childhood study. *Preventive Medicine*, **2012**, 54, 345-50	4.3	16
206	Associations between aggressive behaviour scores and cardiovascular risk factors in childhood. *Pediatric Obesity*, **2012**, 7, 319-28	4.6	7
205	Cohort profile: the Western Australian Sleep Health Study. *Sleep and Breathing*, **2012**, 16, 205-15	3.1	16
204	Cholesteryl ester transfer protein gene polymorphisms increase the risk of fatty liver in females independent of adiposity. *Journal of Gastroenterology and Hepatology (Australia)*, **2012**, 27, 1520-7	4	26
203	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292
202	Impact of common variation in bone-related genes on type 2 diabetes and related traits. *Diabetes*, **2012**, 61, 2176-86	0.9	25

201	FTO genotype is associated with phenotypic variability of body mass index. *Nature*, **2012**, 490, 267-72	50.4	304
200	Toward a roadmap in global biobanking for health. *European Journal of Human Genetics*, **2012**, 20, 1105-113	5.3	113
199	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
198	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615
197	Association of TGF1 and clinical factors with scar outcome following melanoma excision. *Archives of Dermatological Research*, **2012**, 304, 343-51	3.3	7
196	Hypochlorous acid regulates neutrophil extracellular trap release in humans. *Clinical and Experimental Immunology*, **2012**, 167, 261-8	6.2	122
195	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
194	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, 622-32	10.2	131
193	Common variants at 6q22 and 17q21 are associated with intracranial volume. *Nature Genetics*, **2012** , 44, 539-44	36.3	104
192	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
191	Fat mass and obesity-associated obesity-risk genotype is associated with lower foetal growth: an effect that is reversed in the offspring of smoking mothers. *Journal of Developmental Origins of Health and Disease*, **2012**, 3, 10-20	2.4	7
190	Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. *PLoS ONE*, **2012**, 7, e31369	3.7	2
189	Association of genetic loci with sleep apnea in European Americans and African-Americans: the Candidate Gene Association Resource (CARe). *PLoS ONE*, **2012**, 7, e48836	3.7	48
188	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. *Nature Genetics*, **2011**, 44, 187-92	36.3	244
187	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* , **2011**, 478, 103-9	50.4	1564
186	Neurophysiological evidence for cognitive and brain functional adaptation in adolescents living at high altitude. *Clinical Neurophysiology*, **2011**, 122, 1726-34	4.3	28
185	The Western Australian Melanoma Health Study: study design and participant characteristics. *Cancer Epidemiology*, **2011**, 35, 423-31	2.8	7
184	Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. *PLoS Genetics*, **2011**, 7, e1001324	6	629

183	Hospitalisation with infection, asthma and allergy in Kawasaki disease patients and their families: genealogical analysis using linked population data. *PLoS ONE*, **2011**, 6, e28004	3.7	19
182	Functional haplotypes in the PTGDR gene fail to associate with asthma in two Australian populations. *Respirology*, **2011**, 16, 359-66	3.6	7
181	A population-based study of polymorphisms in genes related to sex hormones and abdominal aortic aneurysm. *European Journal of Human Genetics*, **2011**, 19, 363-6	5.3	6
180	Variants near CCNL1/LEKR1 and in ADCY5 and fetal growth characteristics in different trimesters. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E810-5	5.6	19
179	Effect of five genetic variants associated with lung function on the risk of chronic obstructive lung disease, and their joint effects on lung function. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 786-95	10.2	112
178	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. *Human Molecular Genetics*, **2011**, 20, 2273-84	5.6	146
177	Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes*, **2011**, 60, 1805-12	0.9	83
176	Patterns of airway disease and the clinical diagnosis of asthma in the Busselton population. *European Respiratory Journal*, **2011**, 38, 1053-9	13.6	12
175	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
174	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
173	Association between common variation at the FTO locus and changes in body mass index from infancy to late childhood: the complex nature of genetic association through growth and development. *PLoS Genetics*, **2011**, 7, e1001307	6	141
172	A comprehensive evaluation of potential lung function associated genes in the SpiroMeta general population sample. *PLoS ONE*, **2011**, 6, e19382	3.7	41
171	Association of PPARgamma allelic variation, osteoprotegerin and abdominal aortic aneurysm. *Clinical Endocrinology*, **2010**, 72, 128-32	3.4	27
170	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
169	Genome-wide association study identifies five loci associated with lung function. *Nature Genetics*, **2010**, 42, 36-44	36.3	430
168	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. *Nature Genetics*, **2010**, 42, 430-5	36.3	184
167	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
166	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267

165	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nature Genetics*, **2010**, 42, 1077-85	36.3	372
164	Obstructive Sleep Apnoea: From pathogenesis to treatment: Current controversies and future directions. *Respirology*, **2010**, 15, 587-95	3.6	71
163	Development of aptitude at altitude. *Developmental Science*, **2010**, 13, 533-544	4.5	29
162	Separating the mechanism-based and off-target actions of cholesteryl ester transfer protein inhibitors with CETP gene polymorphisms. *Circulation*, **2010**, 121, 52-62	16.7	76
161	Changes in the prevalence of asthma in adults since 1966: the Busselton health study. *European Respiratory Journal*, **2010**, 35, 273-8	13.6	57
160	Quality, quantity and harmony: the DataSHaPER approach to integrating data across bioclinical studies. *International Journal of Epidemiology*, **2010**, 39, 1383-93	7.8	117
159	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
158	Apolipoprotein E genotype is associated with serum C-reactive protein but not abdominal aortic aneurysm. *Atherosclerosis*, **2010**, 209, 487-91	3.1	20
157	Association of an allele on chromosome 9 and abdominal aortic aneurysm. *Atherosclerosis*, **2010**, 212, 539-42	3.1	24
156	Sex differences in the association of regional fat distribution with the severity of obstructive sleep apnea. *Sleep*, **2010**, 33, 467-74	1.1	123
155	Impact of Neuritin 1 (NRN1) polymorphisms on fluid intelligence in schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 428-437	3.5	16
154	The longitudinal association of common susceptibility variants for type 2 diabetes and obesity with fasting glucose level and BMI. *BMC Medical Genetics*, **2010**, 11, 140	2.1	14
153	Bayesian methods for meta-analysis of causal relationships estimated using genetic instrumental variables. *Statistics in Medicine*, **2010**, 29, 1298-311	2.3	20
152	The PHF11 gene is not associated with asthma or asthma phenotypes in two independent populations. *Thorax*, **2009**, 64, 620-5	7.3	5
151	A single-nucleotide polymorphism in the gene encoding osteoprotegerin is associated with diastolic blood pressure in older men. *American Journal of Hypertension*, **2009**, 22, 1167-70	2.3	6
150	Matrix metalloproteinase-2 gene variants and abdominal aortic aneurysm. *European Journal of Vascular and Endovascular Surgery*, **2009**, 38, 169-71	2.3	10
149	Possible association between genetic polymorphisms in transforming growth factor beta receptors, serum transforming growth factor beta1 concentration and abdominal aortic aneurysm. *British Journal of Surgery*, **2009**, 96, 628-32	5.3	24
148	Analyses of associations with asthma in four asthma population samples from Canada and Australia. *Human Genetics*, **2009**, 125, 445-59	6.3	91

147	The association of common genetic variants in the APOA5, LPL and GCK genes with longitudinal changes in metabolic and cardiovascular traits. *Diabetologia*, **2009**, 52, 106-14	10.3	22
146	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. *Nature Genetics*, **2009**, 41, 342-7	36.3	627
145	Sequence variants in three loci influence monocyte counts and erythrocyte volume. *American Journal of Human Genetics*, **2009**, 85, 745-9	11	67
144	Complement factor H Y402H and C-reactive protein polymorphism and photodynamic therapy response in age-related macular degeneration. *Ophthalmology*, **2009**, 116, 1908-12.e1	7.3	47
143	Asthma and genes encoding components of the vitamin D pathway. *Respiratory Research*, **2009**, 10, 98	7.3	110
142	Approaches to Evaluate Gene-Environment Interactions Underlying the Developmental Origins of Health and Disease **2009**, 205-217		3
141	Respiratory infections and lung function in an Australian Aboriginal community. *Respirology*, **2008**, 13, 257-62	3.6	8
140	SimHap GUI: an intuitive graphical user interface for genetic association analysis. *BMC Bioinformatics*, **2008**, 9, 557	3.6	32
139	Polymorphisms of the interleukin-6 gene promoter and abdominal aortic aneurysm. *European Journal of Vascular and Endovascular Surgery*, **2008**, 35, 31-6	2.3	30
138	Angiotensinogen gene T235 variant: a marker for the development of persistent microalbuminuria in children and adolescents with type 1 diabetes mellitus. *Journal of Diabetes and Its Complications*, **2008**, 22, 191-8	3.2	13
137	The apolipoprotein AII rs5082 variant is associated with reduced risk of coronary artery disease in an Australian male population. *Atherosclerosis*, **2008**, 199, 333-9	3.1	23
136	Celestial3D: a novel method for 3D visualization of familial data. *Bioinformatics*, **2008**, 24, 1210-1	7.2	8
135	Cohort profile: The Western Australian Family Connections Genealogical Project. *International Journal of Epidemiology*, **2008**, 37, 30-5	7.8	33
134	The association of C-reactive protein and CRP genotype with coronary heart disease: findings from five studies with 4,610 cases amongst 18,637 participants. *PLoS ONE*, **2008**, 3, e3011	3.7	79
133	A genome-wide association scan for asthma in a general Australian population. *Human Genetics*, **2008**, 123, 297-306	6.3	16
132	Investigating the association between K198N coding polymorphism in EDN1 and hypertension, lipoprotein levels, the metabolic syndrome and cardiovascular disease. *Human Genetics*, **2008**, 123, 307-13	6.3	15
131	15-Lipoxygenase gene variants are associated with carotid plaque but not carotid intima-media thickness. *Human Genetics*, **2008**, 123, 445-53	6.3	15
130	Association of Interleukin-1 gene polymorphisms with central obesity and metabolic syndrome in a coronary heart disease population. *Human Genetics*, **2008**, 124, 199-206	6.3	28

129	Association of PARL rs3732581 genetic variant with insulin levels, metabolic syndrome and coronary artery disease. *Human Genetics*, **2008**, 124, 263-70	6.3	5
128	Polymorphisms of the matrix metalloproteinase 9 gene and abdominal aortic aneurysm. *British Journal of Surgery*, **2008**, 95, 1239-44	5.3	25
127	Comprehensive analysis of tagging sequence variants in DTNBP1 shows no association with schizophrenia or with its composite neurocognitive endophenotypes. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1159-66	3.5	31
126	Replicating genotype-phenotype associations. *Nature*, **2007**, 447, 655-60	50.4	1363
125	Perinatal and childhood origins of cardiovascular disease. *International Journal of Obesity*, **2007**, 31, 236-44	5.5	92
124	Meta-analysis of genome-wide linkage studies in BMI and obesity. *Obesity*, **2007**, 15, 2263-75	8	122
123	The relationship between ACE genotype and risk of severe hypoglycaemia in a large population-based cohort of children and adolescents with type 1 diabetes. *Diabetologia*, **2007**, 50, 965-71	10.3	18
122	Cholesteryl ester transfer protein gene haplotypes, plasma high-density lipoprotein levels and the risk of coronary heart disease. *Human Genetics*, **2007**, 121, 401-11	6.3	32
121	Association between osteopontin and human abdominal aortic aneurysm. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 655-60	9.4	104
120	Combined analysis of three whole genome linkage scans for Ankylosing Spondylitis. *Rheumatology*, **2007**, 46, 763-71	3.9	55
119	Upper airway collapsibility, dilator muscle activation and resistance in sleep apnoea. *European Respiratory Journal*, **2007**, 30, 345-53	13.6	54
118	UK Biobank: bank on it. *Lancet, The*, **2007**, 369, 1980-1982	40	121
117	Fine mapping versus replication in whole-genome association studies. *American Journal of Human Genetics*, **2007**, 81, 995-1005	11	45
116	JLIN: a java based linkage disequilibrium plotter. *BMC Bioinformatics*, **2006**, 7, 60	3.6	95
115	The Western Australian Twin Register: A Population-Based Register of Adult and Child Multiples. *Twin Research and Human Genetics*, **2006**, 9, 712-717	2.2	1
114	Prenatal, perinatal, and heritable influences on cord blood immune responses. *Annals of Allergy, Asthma and Immunology*, **2006**, 96, 445-53	3.2	25
113	Associations of cord blood fatty acids with lymphocyte proliferation, IL-13, and IFN-gamma. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 931-8	11.5	29
112	Common genetic variants of the FADS1 FADS2 gene cluster and their reconstructed haplotypes are associated with the fatty acid composition in phospholipids. *Human Molecular Genetics*, **2006**, 15, 1745-56	5.6	433

111	Cysteinyl leukotriene receptor 1 promoter polymorphism is associated with aspirin-intolerant asthma in males. *Clinical and Experimental Allergy*, **2006**, 36, 433-9	4.1	86
110	AluyMICB dimorphism within the class I region of the major histocompatibility complex is associated with asthma and airflow obstruction in the Busselton population. *Clinical and Experimental Allergy*, **2006**, 36, 728-34	4.1	7
109	The C-480T hepatic lipase polymorphism is associated with HDL-C but not with risk of coronary heart disease. *Clinical Genetics*, **2006**, 70, 114-21	4	30
108	The Western Australian Twin Register: a population-based register of adult and child multiples. *Twin Research and Human Genetics*, **2006**, 9, 712-7	2.2	
107	Diminished lipoxin biosynthesis in severe asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 824-30	10.2	205
106	Shaking the tree: mapping complex disease genes with linkage disequilibrium. *Lancet, The*, **2005**, 366, 1223-34	40	181
105	Genetic epidemiology and public health: hope, hype, and future prospects. *Lancet, The*, **2005**, 366, 1484-98	40	234
104	C-reactive protein and its role in metabolic syndrome: mendelian randomisation study. *Lancet, The*, **2005**, 366, 1954-9	40	266
103	LRP5 gene polymorphisms predict bone mass and incident fractures in elderly Australian women. *Bone*, **2005**, 36, 599-606	4.7	73
102	Covariance components models for longitudinal family data. *International Journal of Epidemiology*, **2005**, 34, 1063-77; discussion 1077-9	7.8	23
101	Single-Nucleotide Polymorphisms **2005**, 227-254		
100	Stromelysin-1 (MMP-3) gene 5A/6A promoter polymorphism is associated with blood pressure in a community population. *Journal of Hypertension*, **2005**, 23, 537-42	1.9	17
99	The effect of age on the relationship between birth order and immunoglobulin E sensitization. *Clinical and Experimental Allergy*, **2005**, 35, 630-4	4.1	10
98	Linkage of serum leptin levels in families with sleep apnea. *International Journal of Obesity*, **2005**, 29, 260-7	5.5	6
97	Urinary metal and polycyclic aromatic hydrocarbon biomarkers in boilermakers exposed to metal fume and residual oil fly ash. *American Journal of Industrial Medicine*, **2005**, 47, 484-93	2.7	9
96	The effect of missing data on linkage disequilibrium mapping and haplotype association analysis in the GAW14 simulated datasets. *BMC Genetics*, **2005**, 6 Suppl 1, S151	2.6	8
95	Genome-wide linkage and association mapping of disease genes with the GAW14 simulated datasets. *BMC Genetics*, **2005**, 6 Suppl 1, S41	2.6	1
94	Estimation of genetic and environmental factors for binary traits using family data. *Statistics in Medicine*, **2005**, 24, 1613-7; author reply 1617-8	2.3	1

93	Determinants of airway responsiveness to histamine in children. *European Respiratory Journal*, **2005**, 25, 462-7	13.6	19
92	Decline in lung function in the Busselton Health Study: the effects of asthma and cigarette smoking. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 109-14	10.2	312
91	The role of prostaglandin D receptor gene in asthma pathogenesis. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 33, 224-6	5.7	8
90	Relationship between obstructive sleep apnea and diurnal leptin rhythms. *Sleep*, **2004**, 27, 235-9	1.1	62
89	Linkage to apnea-hypopnea index across the life-span: is this a viable strategy?. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 1260; author reply 1260-1	10.2	1
88	The relationship between infant airway function, childhood airway responsiveness, and asthma. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 921-7	10.2	167
87	Whole genome scan for obstructive sleep apnea and obesity in African-American families. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 1314-21	10.2	141
86	Transforming growth factor-beta1 promoter polymorphism C-509T is associated with asthma. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 214-9	10.2	214
85	Role of prostanoid DP receptor variants in susceptibility to asthma. *New England Journal of Medicine*, **2004**, 351, 1752-63	59.2	122
84	Nuclear factor kappa B activation in human cord blood mononuclear cells. *Pediatric Research*, **2004**, 56, 212-8	3.2	5
83	Corticosteroid pharmacogenetics: association of sequence variants in CRHR1 with improved lung function in asthmatics treated with inhaled corticosteroids. *Human Molecular Genetics*, **2004**, 13, 1353-9	5.6	267
82	The transforming growth factor-beta1 (TGFB1) gene is associated with chronic obstructive pulmonary disease (COPD). *Human Molecular Genetics*, **2004**, 13, 1649-56	5.6	176
81	beta2 adrenoceptor Arg16Gly polymorphism, airway responsiveness, lung function and asthma in infants and children. *Clinical and Experimental Allergy*, **2004**, 34, 1043-8	4.1	50
80	Toll-like receptor 6 gene (TLR6): single-nucleotide polymorphism frequencies and preliminary association with the diagnosis of asthma. *Genes and Immunity*, **2004**, 5, 343-6	4.4	79
79	Do regular check ups and preventive drug use reduce asthma severity in school children?. *Australian Family Physician*, **2004**, 33, 573-6		2
78	Genome-wide linkage analysis of bronchodilator responsiveness and post-bronchodilator spirometric phenotypes in chronic obstructive pulmonary disease. *Human Molecular Genetics*, **2003**, 12, 1199-210	5.6	83
77	Association of an allelic variant of interleukin-6 with subclinical carotid atherosclerosis in an Australian community population. *European Heart Journal*, **2003**, 24, 1494-9	9.5	45
76	Association of a missense mutation in the NOS3 gene with exhaled nitric oxide levels. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 168, 228-31	10.2	56

75	Endothelial nitric oxide synthase variants in cystic fibrosis lung disease. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 167, 390-4	10.2	50
74	Genome-wide linkage analysis of longitudinal phenotypes using sigma2A random effects (SSARs) fitted by Gibbs sampling. *BMC Genetics*, **2003**, 4 Suppl 1, S12	2.6	8
73	Lack of reproducibility of linkage results in serially measured blood pressure data. *BMC Genetics*, **2003**, 4 Suppl 1, S37	2.6	3
72	MICA, HLA-B haplotypic variation in five population groups of sub-Saharan African ancestry. *Genes and Immunity*, **2003**, 4, 500-5	4.4	28
71	Population stratification and spurious allelic association. *Lancet, The*, **2003**, 361, 598-604	40	946
70	A whole-genome scan for obstructive sleep apnea and obesity. *American Journal of Human Genetics*, **2003**, 72, 340-50	11	182
69	Single-nucleotide polymorphisms in the Toll-like receptor 9 gene (TLR9): frequencies, pairwise linkage disequilibrium, and haplotypes in three U.S. ethnic groups and exploratory case-control disease association studies. *Genomics*, **2003**, 81, 85-91	4.3	183
68	Genomic approaches to understanding obstructive sleep apnea. *Respiratory Physiology and Neurobiology*, **2003**, 135, 187-205	2.8	55
67	Loosening the cuff: important new advances in modeling antihypertensive treatment effects in genetic studies of hypertension. *Hypertension*, **2003**, 41, 197-8	8.5	15
66	Apolipoprotein E gene polymorphisms are associated with carotid plaque formation but not with intima-media wall thickening: results from the Perth Carotid Ultrasound Disease Assessment Study (CUDAS). *Stroke*, **2003**, 34, 869-74	6.7	43
65	Single nucleotide polymorphisms in innate immunity genes: abundant variation and potential role in complex human disease. *Immunological Reviews*, **2002**, 190, 9-25	11.3	150
64	Lack of association between a polymorphism in the interleukin-13 gene and total serum immunoglobulin E level among nuclear families in Costa Rica. *Clinical and Experimental Allergy*, **2002**, 32, 387-90	4.1	22
63	Gene frequencies of human platelet antigens 1-5 in indigenous Australians in Western Australia. *Transfusion Medicine*, **2002**, 12, 199-203	1.3	21
62	Postdisaster emotional distress, depression and event-related variables: findings across child and adolescent developmental stages. *Australian and New Zealand Journal of Psychiatry*, **2002**, 36, 754-61	2.6	70
61	Pharmacogenetics of asthma. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 165, 861-6	10.2	99
60	Ascaris lumbricoides infection is associated with increased risk of childhood asthma and atopy in rural China. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 165, 1489-93	10.2	167
59	Genome-wide linkage analysis of severe, early-onset chronic obstructive pulmonary disease: airflow obstruction and chronic bronchitis phenotypes. *Human Molecular Genetics*, **2002**, 11, 623-32	5.6	86
58	Parametric linkage analysis. *Methods in Molecular Biology*, **2002**, 195, 13-35	1.4	2

57	DNA sequence variants in epithelium-specific ETS-2 and ETS-3 are not associated with asthma. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 166, 927-32	10.2	15
56	Relation between tumour necrosis factor polymorphism TNFalpha-308 and risk of asthma. *European Journal of Human Genetics*, **2002**, 10, 82-5	5.3	109
55	Constitutive and cytokine-induced expression of the ETS transcription factor ESE-3 in the lung. *American Journal of Respiratory Cell and Molecular Biology*, **2002**, 27, 697-704	5.7	40
54	Infants with flow limitation at 4 weeks: outcome at 6 and 11 years. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 165, 1294-8	10.2	79
53	Polymorphisms in toll-like receptor 4 are not associated with asthma or atopy-related phenotypes. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 166, 1449-56	10.2	138
52	1-hydroxypyrene as a biomarker of occupational exposure to polycyclic aromatic hydrocarbons (PAH) in boilermakers. *Journal of Occupational and Environmental Medicine*, **2002**, 44, 1119-25	2	12
51	Single-nucleotide polymorphisms in the interleukin-10 gene: differences in frequencies, linkage disequilibrium patterns, and haplotypes in three United States ethnic groups. *Genomics*, **2002**, 80, 223-8	4.3	59
50	Genomewide linkage analysis of quantitative spirometric phenotypes in severe early-onset chronic obstructive pulmonary disease. *American Journal of Human Genetics*, **2002**, 70, 1229-39	11	149
49	Response to Epstein et al. *American Journal of Human Genetics*, **2002**, 71, 441-2	11	2
48	The pharmacogenetics of asthma and allergic disease. *Immunology and Allergy Clinics of North America*, **2002**, 22, 223-241	3.3	1
47	Familial aggregation and heritability of adult lung function: results from the Busselton Health Study. *European Respiratory Journal*, **2001**, 17, 696-702	13.6	62
46	Introduction: Linkage Analyses of Single Regions. *Genetic Epidemiology*, **2001**, 21, S79-S80	2.6	
45	Linkage analysis of alpha 1-antitrypsin deficiency: lessons for complex diseases. *Human Heredity*, **2001**, 52, 223-32	1.1	12
44	Segregation analysis of asthma and respiratory allergy in population-based samples of families. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S30-5	2.6	1
43	Genome-wide linkage analysis in a general population sample using sigma 2A random effects (SSARs) fitted by Gibbs sampling. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S674-9	2.6	7
42	Pooling data and linkage analysis in the chromosome 5q candidate region for asthma. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S103-8	2.6	8
41	Combining multiple phenotypic traits optimally for detecting linkage with sib-pair observations. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S479-83	2.6	1
40	Single region linkage analyses of asthma: description of data sets. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S9-15	2.6	1

39	Improved evidence for linkage on 6p and 5p with retrospective pooling of data from three asthma genome screens. *Genetic Epidemiology*, **2001**, 21 Suppl 1, S130-5	2.6	3
38	Gibbs sampling-based segregation analysis of asthma-associated quantitative traits in a population-based sample of nuclear families. *Genetic Epidemiology*, **2001**, 20, 356-72	2.6	26
37	The immune anti-tumor effects of GM-CSF and B7-1 gene transfection are enhanced by surgical debulking of tumor. *Cancer Gene Therapy*, **2001**, 8, 580-8	5.4	35
36	Meta-analysis for linkage to asthma and atopy in the chromosome 5q31-33 candidate region. *Human Molecular Genetics*, **2001**, 10, 891-99	5.6	14
35	Relationship between renal volume and increased albumin excretion rates in children and adolescents with type 1 diabetes mellitus. *Journal of Pediatric Endocrinology and Metabolism*, **2001**, 14, 875-81	1.6	4
34	Asthma, rhinitis, and skin test reactivity to aeroallergens in families of asthmatic subjects in Anqing, China. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 163, 1108-12	10.2	48
33	Body mass index and asthma in adults in families of subjects with asthma in Anqing, China. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 164, 1835-40	10.2	145
32	Airway responsiveness in early infancy predicts asthma, lung function, and respiratory symptoms by school age. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 163, 37-42	10.2	165
31	Polymorphisms in the angiotensinogen gene are associated with carotid intimal-medial thickening in females from a community-based population. *Atherosclerosis*, **2001**, 159, 209-17	3.1	45
30	Using single nucleotide polymorphisms as a means to understanding the pathophysiology of asthma. *Respiratory Research*, **2001**, 2, 102-12	7.3	35
29	Genomewide scans of complex human diseases: true linkage is hard to find. *American Journal of Human Genetics*, **2001**, 69, 936-50	11	407
28	Linkages and associations to intermediate phenotypes underlying asthma and allergic disease. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 393-398	3.3	9
27	Linkages and associations to intermediate phenotypes underlying asthma and allergic disease. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 393-8	3.3	3
26	Prevalence of factor V Leiden and prothrombin 20210A mutations in indigenous Australians. *Thrombosis and Haemostasis*, **2001**, 86, 1592-3	7	3
25	Variance components analysis for pedigree-based censored survival data using generalized linear mixed models (GLMMs) and Gibbs sampling in BUGS. *Genetic Epidemiology*, **2000**, 19, 127-48	2.6	54
24	Haseman and Elston revisited: the effects of ascertainment and residual familial correlations on power to detect linkage. *Genetic Epidemiology*, **2000**, 19, 456-60	2.6	27
23	Prevalence and pattern of childhood abdominal pain in an Australian general practice. *Journal of Paediatrics and Child Health*, **2000**, 36, 349-53	1.3	39
22	Familial aggregation and heritability of asthma-associated quantitative traits in a population-based sample of nuclear families. *European Journal of Human Genetics*, **2000**, 8, 853-60	5.3	58

21	A first trial of retrospective collaboration for positional cloning in complex inheritance: assay of the cytokine region on chromosome 5 by the consortium on asthma genetics (COAG). *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 10942-7	11.5	41
20	Genomic approaches to understanding asthma. *Genome Research*, **2000**, 10, 1280-7	9.7	63
19	Independent inheritance of serum immunoglobulin E concentrations and airway responsiveness. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 161, 1836-43	10.2	104
18	Chest pain in asbestos-exposed individuals with benign pleural and parenchymal disease. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 162, 1807-11	10.2	29
17	Case-control association studies for the genetics of complex respiratory diseases. *American Journal of Respiratory Cell and Molecular Biology*, **2000**, 22, 645-8	5.7	125
16	Familial aggregation and segregation analysis of eosinophil levels. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 162, 759-60	10.2	3
15	Ascertainment adjustment: where does it take us?. *American Journal of Human Genetics*, **2000**, 67, 1505-14	11	42
14	Detection and importance of laxative use in adolescents with anorexia nervosa. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2000**, 39, 378-85	7.2	23
13	Post-disaster service provision following proactive identification of children with emotional distress and depression. *Australian and New Zealand Journal of Psychiatry*, **1999**, 33, 855-63	2.6	23
12	Genetic variance components analysis for binary phenotypes using generalized linear mixed models (GLMMs) and Gibbs sampling. *Genetic Epidemiology*, **1999**, 17, 118-40	2.6	71
11	Environmental factors and asthma and allergy in schoolchildren from Western Australia. *European Respiratory Journal*, **1999**, 14, 1351-7	13.6	8
10	Genome-wide linkage analysis using genetic variance components of alcohol dependency-associated censored and continuous traits. *Genetic Epidemiology*, **1999**, 17 Suppl 1, S283-8	2.6	19
9	Genetic variance components analysis for binary phenotypes using generalized linear mixed models (GLMMs) and Gibbs sampling **1999**, 17, 118		5
8	The elimination half-life of urinary cotinine in children of tobacco-smoking mothers. *Pulmonary Pharmacology and Therapeutics*, **1998**, 11, 287-90	3.5	44
7	Linkage of chromosome 5q and 11q gene markers to asthma-associated quantitative traits in Australian children. *American Journal of Respiratory and Critical Care Medicine*, **1998**, 158, 1825-30	10.2	86
6	A polymorphism of the CC16 gene is associated with an increased risk of asthma. *Journal of Medical Genetics*, **1998**, 35, 463-7	5.8	84
5	Fc epsilon R1-beta polymorphism and total serum IgE levels in endemically parasitized Australian aborigines. *American Journal of Human Genetics*, **1997**, 61, 182-8	11	75
4	Inhalant allergen-specific T-cell reactivity is detectable in close to 100% of atopic and normal individuals: covert responses are unmasked by serum-free medium. *Clinical and Experimental Allergy*, **1995**, 25, 634-42	4.1	111

3	Antenatal antecedents of moderate and severe cerebral palsy. *Paediatric and Perinatal Epidemiology*, **1995**, 9, 171-84	2.7	53
2	Pharmacogenomics of Asthma Treatment215-234		2
1	Leveraging pleiotropy to discover and interpret GWAS results for sleep-associated traits		1