Lyn Griffiths

List of Publications by Citations

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329 papers	9,576 citations	48 h-index	82 g-index
335 ext. papers	10,886 ext. citations	4.8 avg, IF	5.96 L-index

#	Paper	IF	Citations
329	Mitochondrial genome acquisition restores respiratory function and tumorigenic potential of cancer cells without mitochondrial DNA. *Cell Metabolism*, **2015**, 21, 81-94	24.6	434
328	Genome-wide association study reveals three susceptibility loci for common migraine in the general population. *Nature Genetics*, **2011**, 43, 695-8	36.3	295
327	Beta-actin--an unsuitable internal control for RT-PCR. *Molecular and Cellular Probes*, **2001**, 15, 307-11	3.3	269
326	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci. *Annals of Neurology*, **2011**, 70, 897-912	9.4	263
325	A dominant-negative mutation in the TRESK potassium channel is linked to familial migraine with aura. *Nature Medicine*, **2010**, 16, 1157-60	50.5	263
324	Mutations in cardiac T-box factor gene TBX20 are associated with diverse cardiac pathologies, including defects of septation and valvulogenesis and cardiomyopathy. *American Journal of Human Genetics*, **2007**, 81, 280-91	11	261
323	Association of a polymorphism of the angiotensin I-converting enzyme gene with essential hypertension. *Biochemical and Biophysical Research Communications*, **1992**, 184, 9-15	3.4	216
322	An analysis of DNA methylation in human adipose tissue reveals differential modification of obesity genes before and after gastric bypass and weight loss. *Genome Biology*, **2015**, 16, 8	18.3	159
321	G-protein beta3 subunit gene (GNB3) variant in causation of essential hypertension. *Hypertension*, **1998**, 32, 1094-7	8.5	148
320	Circulating microRNAs involved in multiple sclerosis. *Molecular Biology Reports*, **2012**, 39, 6219-25	2.8	137
319	Immunodeficiency-associated lymphomas. *Blood Reviews*, **2008**, 22, 261-81	11.1	134
318	Locked nucleic acid (LNA) single nucleotide polymorphism (SNP) genotype analysis and validation using real-time PCR. *Nucleic Acids Research*, **2004**, 32, e55	20.1	127
317	Familial typical migraine: linkage to chromosome 19p13 and evidence for genetic heterogeneity. *Neurology*, **1998**, 50, 1428-32	6.5	120
316	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	40.4	119
315	Association of A vitamin D receptor polymorphism with sporadic breast cancer development. *International Journal of Cancer*, **1999**, 83, 723-6	7.5	117
314	Single-nucleotide polymorphism alleles in the insulin receptor gene are associated with typical migraine. *Genomics*, **2001**, 78, 135-49	4.3	111
313	Quantitative and qualitative changes in gene expression patterns characterize the activity of plaques in multiple sclerosis. *Molecular Brain Research*, **2003**, 119, 170-83		108

312	Variation in the vitamin D receptor gene is associated with multiple sclerosis in an Australian population. *Journal of Neurogenetics*, **2005**, 19, 25-38	1.6	104
311	The methylenetetrahydrofolate reductase gene variant C677T influences susceptibility to migraine with aura. *BMC Medicine*, **2004**, 2, 3	11.4	91
310	The estrogen receptor 1 G594A polymorphism is associated with migraine susceptibility in two independent case/control groups. *Neurogenetics*, **2004**, 5, 129-33	3	87
309	Large-scale association study identifies ICAM gene region as breast and prostate cancer susceptibility locus. *Cancer Research*, **2004**, 64, 8906-10	10.1	84
308	Familial typical migraine: significant linkage and localization of a gene to Xq24-28. *Human Genetics*, **2000**, 107, 18-23	6.3	84
307	The effects of vitamin supplementation and MTHFR (C677T) genotype on homocysteine-lowering and migraine disability. *Pharmacogenetics and Genomics*, **2009**, 19, 422-8	1.9	80
306	Frequency in hypertensives of alleles for a RFLP associated with the renin gene. *Biochemical and Biophysical Research Communications*, **1988**, 150, 219-24	3.4	78
305	A molecular genetic approach for forensic animal species identification. *Forensic Science International*, **2003**, 134, 99-108	2.6	77
304	Evidence for allelic association of the dopamine beta-hydroxylase gene (DBH) with susceptibility to typical migraine. *Neurogenetics*, **2000**, 3, 35-40	3	76
303	The measurement of adenosine and estrogen receptor expression in rat brains following ovariectomy using quantitative PCR analysis. *Brain Research Protocols*, **2003**, 11, 9-18		75
302	Functional analysis of missense variants in the TRESK (KCNK18) K channel. *Scientific Reports*, **2012**, 2, 237	4.9	70
301	The association between time spent outdoors and myopia using a novel biomarker of outdoor light exposure **2012**, 53, 4363-70		66
300	Polymorphisms of glutathione S-transferase genes (GSTM1, GSTP1 and GSTT1) and breast cancer susceptibility. *Cancer Letters*, **2000**, 153, 113-20	9.9	66
299	Investigation of hormone receptor genes in migraine. *Neurogenetics*, **2005**, 6, 17-23	3	65
298	Review: Alternative Splicing (AS) of Genes As An Approach for Generating Protein Complexity. *Current Genomics*, **2013**, 14, 182-94	2.6	65
297	Studies on the pathophysiology and genetic basis of migraine. *Current Genomics*, **2013**, 14, 300-15	2.6	63
296	Genetic variants of angiotensin converting enzyme and methylenetetrahydrofolate reductase may act in combination to increase migraine susceptibility. *Molecular Brain Research*, **2005**, 136, 112-7		63
295	Genetics of Migraine: Insights into the Molecular Basis of Migraine Disorders. *Headache*, **2017**, 57, 537-569	4.2	62

294	Chromosomal aberrations in squamous cell carcinoma and solar keratoses revealed by comparative genomic hybridization. *Archives of Dermatology*, **2003**, 139, 876-82		62
293	Evidence for an X-linked genetic component in familial typical migraine. *Human Molecular Genetics*, **1998**, 7, 459-63	5.6	62
292	Polymorphic variants of NFKB1 and its inhibitory protein NFKBIA, and their involvement in sporadic breast cancer. *Cancer Letters*, **2002**, 188, 103-7	9.9	61
291	Advances in genetics of migraine. *Journal of Headache and Pain*, **2019**, 20, 72	8.8	56
290	Association between a 19 bp deletion polymorphism at the dopamine beta-hydroxylase (DBH) locus and migraine with aura. *Journal of the Neurological Sciences*, **2006**, 251, 118-23	3.2	56
289	Ratios of T-cell immune effectors and checkpoint molecules as prognostic biomarkers in diffuse large B-cell lymphoma: a population-based study. *Lancet Haematology,the*, **2015**, 2, e445-55	14.6	54
288	Next Generation Sequencing Methods for Diagnosis of Epilepsy Syndromes. *Frontiers in Genetics*, **2018**, 9, 20	4.5	54
287	A typical migraine susceptibility region localizes to chromosome 1q31. *Neurogenetics*, **2002**, 4, 17-22	3	53
286	Epistatic effects of potassium channel variation on cardiac repolarization and atrial fibrillation risk. *Journal of the American College of Cardiology*, **2012**, 59, 1017-25	15.1	51
285	Selenium status of the Australian population: effect of age, gender and cardiovascular disease. *Biological Trace Element Research*, **2008**, 126 Suppl 1, S1-10	4.5	51
284	Association of estrogen receptor and glucocorticoid receptor gene polymorphisms with sporadic breast cancer. *International Journal of Cancer*, **2001**, 95, 271-5	7.5	50
283	Genotypes of the MTHFR C677T and MTRR A66G genes act independently to reduce migraine disability in response to vitamin supplementation. *Pharmacogenetics and Genomics*, **2012**, 22, 741-9	1.9	49
282	Minor head trauma-induced sporadic hemiplegic migraine coma. *Pediatric Neurology*, **2006**, 34, 329-32	2.9	48
281	Human Mesenchymal Stem Cells Retain Multilineage Differentiation Capacity Including Neural Marker Expression after Extended In Vitro Expansion. *PLoS ONE*, **2015**, 10, e0137255	3.7	47
280	Eye movement disorders are an early manifestation of CACNA1A mutations in children. *Developmental Medicine and Child Neurology*, **2016**, 58, 639-44	3.3	47
279	Effect of coffee combining green coffee bean constituents with typical roasting products on the Nrf2/ARE pathway in vitro and in vivo. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 9631-41	5.7	46
278	Association between migraine and a functional polymorphism at the dopamine beta-hydroxylase locus. *Neurogenetics*, **2009**, 10, 199-208	3	46
277	The association between pterygium and conjunctival ultraviolet autofluorescence: the Norfolk Island Eye Study. *Acta Ophthalmologica*, **2013**, 91, 363-70	3.7	45

276	Polymorphisms of MTHFR, eNOS, ACE, AGT, ApoE, PON1, PDE4D, and Ischemic Stroke: Meta-Analysis. *Journal of Stroke and Cerebrovascular Diseases*, **2017**, 26, 2482-2493	2.8	45
275	A possible role for mitochondrial dysfunction in migraine. *Molecular Genetics and Genomics*, **2012**, 287, 837-44	3.1	45
274	Comparison of genomic DNA extraction techniques from whole blood samples: a time, cost and quality evaluation study. *Molecular Biology Reports*, **2012**, 39, 5961-6	2.8	44
273	The methylentetrahydrofolate reductase gene variant (C677T) as a risk factor for essential hypertension in Caucasians. *Hypertension Research*, **2004**, 27, 663-7	4.7	44
272	Single nucleotide polymorphism in hsa-mir-196a-2 and breast cancer risk: a case control study. *Twin Research and Human Genetics*, **2011**, 14, 417-21	2.2	43
271	Investigation of the CACNA1A gene as a candidate for typical migraine susceptibility. *American Journal of Medical Genetics Part A*, **2001**, 105, 707-12		43
270	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. *Neuron*, **2018**, 98, 743-753.e4	13.9	42
269	Identification of molecular genetic factors that influence migraine. *Molecular Genetics and Genomics*, **2011**, 285, 433-46	3.1	42
268	Inhibition of platelet aggregation and 5-HT release by extracts of Australian plants used traditionally as headache treatments. *European Journal of Pharmaceutical Sciences*, **2000**, 9, 355-63	5.1	42
267	Independent, marked associations of alleles of the insulin receptor and dipeptidyl carboxypeptidase-I genes with essential hypertension. *Clinical Science*, **1993**, 85, 189-95	6.5	42
266	The gene SMART study: method, study design, and preliminary findings. *BMC Genomics*, **2017**, 18, 821	4.5	41
265	Cell surface heparan sulfate proteoglycans as novel markers of human neural stem cell fate determination. *Stem Cell Research*, **2016**, 16, 92-104	1.6	41
264	The impact of APOA5, APOB, APOC3 and ABCA1 gene polymorphisms on ischemic stroke: Evidence from a meta-analysis. *Atherosclerosis*, **2017**, 265, 60-70	3.1	41
263	Integrative genomic profiling reveals conserved genetic mechanisms for tumorigenesis in common entities of non-Hodgkin's lymphoma. *Genes Chromosomes and Cancer*, **2011**, 50, 313-26	5	41
262	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
261	Genetic and biochemical changes of the serotonergic system in migraine pathobiology. *Journal of Headache and Pain*, **2017**, 18, 20	8.8	39
260	Reliability and validity of conjunctival ultraviolet autofluorescence measurement. *British Journal of Ophthalmology*, **2012**, 96, 801-5	5.5	39
259	Association of the NuMA region on chromosome 11q13 with breast cancer susceptibility. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 2004-9	11.5	39

258	Association and linkage analyses of restriction fragment length polymorphisms for the human renin and antithrombin III genes in essential hypertension. *Journal of Hypertension*, **1991**, 9, 825-30	1.9	39
257	Association of a RFLP for the insulin receptor gene, but not insulin, with essential hypertension. *Biochemical and Biophysical Research Communications*, **1991**, 181, 486-92	3.4	39
256	Mesenchymal stem cells, neural lineage potential, heparan sulfate proteoglycans and the matrix. *Developmental Biology*, **2014**, 388, 1-10	3.1	38
255	A potential epigenetic marker mediating serum folate and vitamin B12 levels contributes to the risk of ischemic stroke. *BioMed Research International*, **2015**, 2015, 167976	3	38
254	A genome-wide scan provides evidence for loci influencing a severe heritable form of common migraine. *Neurogenetics*, **2005**, 6, 67-72	3	38
253	Migraine association and linkage studies of an endothelial nitric oxide synthase (NOS3) gene polymorphism. *Neurology*, **1997**, 49, 614-7	6.5	36
252	Induction of antioxidative Nrf2 gene transcription by coffee in humans: depending on genotype?. *Molecular Biology Reports*, **2012**, 39, 7155-62	2.8	35
251	Chromosome 17 and the inducible nitric oxide synthase gene in human essential hypertension. *Human Genetics*, **2001**, 109, 408-15	6.3	35
250	Marked association of a RFLP for the low density lipoprotein receptor gene with obesity in essential hypertensives. *Biochemical and Biophysical Research Communications*, **1992**, 189, 965-71	3.4	35
249	A genetic variant located in miR-423 is associated with reduced breast cancer risk. *Cancer Genomics and Proteomics*, **2012**, 9, 115-8	3.3	35
248	Environments for Healthy Living (EFHL) Griffith birth cohort study: background and methods. *Maternal and Child Health Journal*, **2012**, 16, 1896-905	2.4	34
247	Common variants in the regulative regions of GRIA1 and GRIA3 receptor genes are associated with migraine susceptibility. *BMC Medical Genetics*, **2010**, 11, 103	2.1	34
246	Heparan sulfate proteoglycans and human breast cancer epithelial cell tumorigenicity. *Journal of Cellular Biochemistry*, **2014**, 115, 967-76	4.7	33
245	The search for migraine genes: an overview of current knowledge. *Cellular and Molecular Life Sciences*, **2007**, 64, 331-44	10.3	33
244	Phenotypical characterisation of the isolated norfolk island population focusing on epidemiological indicators of cardiovascular disease. *Human Heredity*, **2005**, 60, 211-9	1.1	33
243	No role for estrogen receptor 1 gene intron 1 Pvu II and exon 4 C325G polymorphisms in migraine susceptibility. *BMC Medical Genetics*, **2006**, 7, 12	2.1	33
242	Exploiting Heparan Sulfate Proteoglycans in Human Neurogenesis-Controlling Lineage Specification and Fate. *Frontiers in Integrative Neuroscience*, **2017**, 11, 28	3.2	32
241	The Influence of OLR1 and PCSK9 Gene Polymorphisms on Ischemic Stroke: Evidence from a Meta-Analysis. *Scientific Reports*, **2015**, 5, 18224	4.9	31

240	The role of vascular and hormonal genes in migraine susceptibility. *Molecular Genetics and Metabolism*, **2006**, 88, 107-13	3.7	31
239	Molecular cytogenetic analysis of basal cell carcinoma DNA using comparative genomic hybridization. *Journal of Investigative Dermatology*, **2001**, 117, 683-6	4.3	31
238	Migraine association and linkage analyses of the human 5-hydroxytryptamine (5HT2A) receptor gene. *Cephalalgia*, **1996**, 16, 463-7	6.1	31
237	The role of the MTHFR gene in migraine. *Headache*, **2012**, 52, 515-20	4.2	30
236	Analysis of the MTHFR C677T variant with migraine phenotypes. *BMC Research Notes*, **2010**, 3, 213	2.3	29
235	Polymorphisms of the VDR gene are associated with presence of solar keratoses on the skin. *British Journal of Dermatology*, **2008**, 159, 804-10	4	29
234	Evaluation of a 7-Gene Genetic Profile for Athletic Endurance Phenotype in Ironman Championship Triathletes. *PLoS ONE*, **2015**, 10, e0145171	3.7	29
233	A genome-wide analysis of 'Bounty' descendants implicates several novel variants in migraine susceptibility. *Neurogenetics*, **2012**, 13, 261-6	3	28
232	Novel NOD2 haplotype strengthens the association between TLR4 Asp299gly and Crohn's disease in an Australian population. *Inflammatory Bowel Diseases*, **2008**, 14, 585-90	4.5	28
231	Regulatory Mechanisms of Epigenetic miRNA Relationships in Human Cancer and Potential as Therapeutic Targets. *Cancers*, **2020**, 12,	6.6	28
230	Clinical and genetic spectrum of SCN2A-associated episodic ataxia. *European Journal of Paediatric Neurology*, **2019**, 23, 438-447	3.8	27
229	Association of HincII RFLP of low density lipoprotein receptor gene with obesity in essential hypertensives. *Clinical Genetics*, **1995**, 47, 118-21	4	27
228	Differential gene expression in breast cancer cell lines and stroma-tumor differences in microdissected breast cancer biopsies revealed by display array analysis. *International Journal of Cancer*, **2002**, 100, 172-80	7.5	27
227	Familial typical migraine: significant linkage and localization of a gene to Xq24-28. *Human Genetics*, **2000**, 107, 18-23	6.3	27
226	A causal role for TRESK loss of function in migraine mechanisms. *Brain*, **2019**, 142, 3852-3867	11.2	27
225	Methods for extracting genomic DNA from whole blood samples: current perspectives. *Journal of Biorepository Science for Applied Medicine*, **2014**, 1		26
224	Cytogenetic alterations in nonmelanoma skin cancer: a review. *Genes Chromosomes and Cancer*, **2005**, 43, 239-48	5	26
223	Genetic association analysis of miRNA SNPs implicates MIR145 in breast cancer susceptibility. *BMC Medical Genetics*, **2015**, 16, 107	2.1	25

222	Gene expression studies in multiple sclerosis. *Current Genomics*, **2007**, 8, 181-9	2.6	25
221	BDNF and TNF-β polymorphisms in memory. *Molecular Biology Reports*, **2013**, 40, 5483-90	2.8	24
220	Dopamine receptor genes and migraine with and without aura: an association study. *Headache*, **2002**, 42, 346-51	4.2	24
219	Legacy of mutiny on the Bounty: founder effect and admixture on Norfolk Island. *European Journal of Human Genetics*, **2010**, 18, 67-72	5.3	23
218	Relative abundance of full-length and truncated FOXP1 isoforms is associated with differential NFkappaB activity in Follicular Lymphoma. *Leukemia Research*, **2009**, 33, 1699-702	2.7	23
217	Investigation of homocysteine-pathway-related variants in essential hypertension. *International Journal of Hypertension*, **2012**, 2012, 190923	2.4	23
216	An investigation of the 5-HT2C receptor gene as a migraine candidate gene. *American Journal of Medical Genetics Part A*, **2003**, 117B, 86-9		23
215	Next-generation sequencing identifies novel CACNA1A gene mutations in episodic ataxia type 2. *Molecular Genetics & Genomic Medicine*, **2016**, 4, 211-22	2.3	23
214	Mapping eQTLs in the Norfolk Island genetic isolate identifies candidate genes for CVD risk traits. *American Journal of Human Genetics*, **2013**, 93, 1087-99	11	22
213	Migrainomics - identifying brain and genetic markers of migraine. *Nature Reviews Neurology*, **2017**, 13, 725-741	15	22
212	The human δ-opioid receptor gene polymorphism (A118G) is associated with head pain severity in a clinical cohort of female migraine with aura patients. *Journal of Headache and Pain*, **2012**, 13, 513-9	8.8	22
211	An examination of MS candidate genes identified as differentially regulated in multiple sclerosis plaque tissue, using absolute and comparative real-time Q-PCR analysis. *Brain Research Protocols*, **2005**, 15, 79-91		22
210	An improved method for the assay of platelet pyruvate dehydrogenase. *Clinica Chimica Acta*, **1980**, 108, 219-27	6.2	22
209	Unique X-linked familial FSGS with co-segregating heart block disorder is associated with a mutation in the NXF5 gene. *Human Molecular Genetics*, **2013**, 22, 3654-66	5.6	21
208	Association study of the calcitonin gene-related polypeptide-alpha (CALCA) and the receptor activity modifying 1 (RAMP1) genes with migraine. *Gene*, **2013**, 515, 187-92	3.8	21
207	Linkage disequilibrium analysis in the genetically isolated Norfolk Island population. *Heredity*, **2008**, 100, 366-73	3.6	21
206	Cytogenetics of melanoma and nonmelanoma skin cancer. *Advances in Experimental Medicine and Biology*, **2008**, 624, 227-40	3.6	21
205	Stimulation of MMP-11 (stromelysin-3) expression in mouse fibroblasts by cytokines, collagen and co-culture with human breast cancer cell lines. *BMC Cancer*, **2004**, 4, 40	4.8	21

204	Prospects for whole genome linkage disequilibrium mapping in domestic dog breeds. *Mammalian Genome*, **2003**, 14, 640-9	3.2	21
203	A genetic analysis of serotonergic biosynthetic and metabolic enzymes in migraine using a DNA pooling approach. *Journal of Human Genetics*, **2005**, 50, 607-10	4.3	21
202	Chromosome I linkage studies in Charcot-Marie-Tooth neuropathy type I. *American Journal of Human Genetics*, **1988**, 42, 756-71	11	21
201	Effects of dietary folate intake on migraine disability and frequency. *Headache*, **2015**, 55, 301-9	4.2	20
200	Association of a GRIA3 gene polymorphism with migraine in an Australian case-control cohort. *Headache*, **2013**, 53, 1245-9	4.2	20
199	Association of a Notch 3 gene polymorphism with migraine susceptibility. *Cephalalgia*, **2011**, 31, 264-70	6.1	20
198	No association between MTHFR A1298C and MTRR A66G polymorphisms, and MS in an Australian cohort. *Journal of the Neurological Sciences*, **2007**, 252, 49-52	3.2	20
197	Fluorescence detection of plant extracts that affect neuronal voltage-gated Ca2+ channels. *European Journal of Pharmaceutical Sciences*, **2002**, 15, 321-30	5.1	20
196	The effect of 1 mg folic acid supplementation on clinical outcomes in female migraine with aura patients. *Journal of Headache and Pain*, **2016**, 17, 60	8.8	20
195	Association of the microRNA-Single Nucleotide Polymorphism rs2910164 in miR146a with sporadic breast cancer susceptibility: A case control study. *Gene*, **2016**, 576, 256-60	3.8	19
194	Association of microRNA 17-92 cluster host gene (MIR17HG) polymorphisms with breast cancer. *Tumor Biology*, **2015**, 36, 5369-76	2.9	19
193	Shared Molecular Genetic Mechanisms Underlie Endometriosis and Migraine Comorbidity. *Genes*, **2020**, 11,	4.2	19
192	Investigation of brain-derived neurotrophic factor (BDNF) gene variants in migraine. *Headache*, **2014**, 54, 1184-93	4.2	19
191	Complete mitochondrial genome sequencing reveals novel haplotypes in a Polynesian population. *PLoS ONE*, **2012**, 7, e35026	3.7	19
190	Association of oestrogen-receptor gene (ESR1) polymorphisms with migraine in the large Norfolk Island pedigree. *Cephalalgia*, **2013**, 33, 1139-47	6.1	19
189	Linkage mapping of CVD risk traits in the isolated Norfolk Island population. *Human Genetics*, **2008**, 124, 543-52	6.3	19
188	No evidence for involvement of the human inducible nitric oxide synthase (iNOS) gene in susceptibility to typical migraine. *American Journal of Medical Genetics Part A*, **2001**, 105, 110-113		19
187	Clinical Relevance of MTHFR, eNOS, ACE, and ApoE Gene Polymorphisms and Serum Vitamin Profile among Malay Patients with Ischemic Stroke. *Journal of Stroke and Cerebrovascular Diseases*, **2015**, 24, 2017-25	2.8	18

186	Significant differences in gene expression of GABA receptors in peripheral blood leukocytes of migraineurs. *Gene*, **2011**, 490, 32-6	3.8	18
185	Association study of calcitonin gene-related polypeptide-alpha (CALCA) gene polymorphism with migraine. *Brain Research*, **2011**, 1378, 119-24	3.7	18
184	European and Polynesian admixture in the Norfolk Island population. *Heredity*, **2010**, 105, 229-34	3.6	18
183	Distribution of conjunctival ultraviolet autofluorescence in a population-based study: the Norfolk Island Eye Study. *Eye*, **2011**, 25, 893-900	4.4	18
182	Investigation of gamma-aminobutyric acid (GABA) A receptors genes and migraine susceptibility. *BMC Medical Genetics*, **2008**, 9, 109	2.1	18
181	Genetic investigation of methylenetetrahydrofolate reductase (MTHFR) and catechol-O-methyl transferase (COMT) in multiple sclerosis. *Brain Research Bulletin*, **2006**, 69, 327-31	3.9	18
180	Cross-sectional study of a microsatellite marker in the low density lipoprotein receptor gene in obese normotensives. *Clinical and Experimental Pharmacology and Physiology*, **1995**, 22, 496-8	3	18
179	Methylome-wide association study of whole blood DNA in the Norfolk Island isolate identifies robust loci associated with age. *Aging*, **2017**, 9, 753-768	5.6	18
178	Exome Sequencing Diagnoses X-Linked Moesin-Associated Immunodeficiency in a Primary Immunodeficiency Case. *Frontiers in Immunology*, **2018**, 9, 420	8.4	17
177	Semaphorin-plexin signalling genes associated with human breast tumourigenesis. *Gene*, **2011**, 489, 63-9	3.8	17
176	Progesterone, glucocorticoid, but not estrogen receptor mRNA is altered in breast cancer stroma. *Cancer Letters*, **2007**, 255, 77-84	9.9	17
175	Genetic polymorphisms in DPF3 associated with risk of breast cancer and lymph node metastases. *Journal of Carcinogenesis*, **2005**, 4, 13	1.9	17
174	Examination of the role of nitric oxide synthase and renal kallikrein as candidate genes for essential hypertension. *Clinical and Experimental Pharmacology and Physiology*, **1996**, 23, 564-6	3	17
173	Fully validated LC-MS/MS method for quantification of homocysteine concentrations in samples of human serum: a new approach. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 972, 14-21	3.2	16
172	Heritability and genome-wide linkage analysis of migraine in the genetic isolate of Norfolk Island. *Gene*, **2012**, 494, 119-23	3.8	16
171	Association of a low density lipoprotein receptor microsatellite variant with obesity. *International Journal of Obesity*, **1997**, 21, 1032-7	5.5	16
170	Genetic testing for exercise prescription and injury prevention: AIS-Athlome consortium-FIMS joint statement. *BMC Genomics*, **2017**, 18, 818	4.5	15
169	Development of an eight gene expression profile implicating human breast tumours of all grade. *Molecular Biology Reports*, **2012**, 39, 3879-92	2.8	15

168	High-resolution loss of heterozygosity screening implicates PTPRJ as a potential tumor suppressor gene that affects susceptibility to Non-Hodgkin's lymphoma. *Genes Chromosomes and Cancer*, **2013**, 52, 467-79	5	15
167	Principal component and linkage analysis of cardiovascular risk traits in the Norfolk isolate. *Human Heredity*, **2009**, 68, 55-64	1.1	15
166	Signaling pathway genes for blood pressure, folate and cholesterol levels among hypertensives: an epistasis analysis. *Journal of Human Hypertension*, **2015**, 29, 99-104	2.6	14
165	Targeted next generation sequencing identifies novel NOTCH3 gene mutations in CADASIL diagnostics patients. *Human Genomics*, **2016**, 10, 38	6.8	14
164	Epigenetics and migraine; complex mitochondrial interactions contributing to disease susceptibility. *Gene*, **2014**, 543, 1-7	3.8	14
163	The genetics of endurance: frequency of the ACTN3 R577X variant in Ironman World Championship athletes. *Journal of Science and Medicine in Sport*, **2013**, 16, 365-71	4.4	14
162	Novel STAT binding elements mediate IL-6 regulation of MMP-1 and MMP-3. *Scientific Reports*, **2017** , 7, 8526	4.9	14
161	Percutaneous patent foramen ovale closure: outcomes with the Premere and Amplatzer devices. *Cardiovascular Revascularization Medicine*, **2011**, 12, 164-169	1.6	14
160	The null allele of GSTM1 does not affect susceptibility to solar keratoses in the Australian white population. *Journal of the American Academy of Dermatology*, **1998**, 38, 631-3	4.5	14
159	Age-related changes in cardiac adenosine receptor expression. *Mechanisms of Ageing and Development*, **2004**, 125, 211-7	5.6	14
158	The GSTM1 null genotype confers an increased risk for solar keratosis development in an Australian Caucasian population. *Journal of Investigative Dermatology*, **2002**, 119, 1373-8	4.3	14
157	Dysregulated MicroRNA Expression Profiles and Potential Cellular, Circulating and Polymorphic Biomarkers in Non-Hodgkin Lymphoma. *Genes*, **2016**, 7,	4.2	14
156	Two novel mutations and a previously unreported intronic polymorphism in the NOTCH3 gene. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2012**, 732, 3-8	3.3	13
155	Analysis of 3 common polymorphisms in the KCNK18 gene in an Australian Migraine case-control cohort. *Gene*, **2013**, 528, 343-6	3.8	13
154	Polymorphisms of the SIPA1 gene and sporadic breast cancer susceptibility. *BMC Cancer*, **2009**, 9, 331	4.8	13
153	Association study of a functional variant in intron 8 of the dopamine transporter gene and migraine susceptibility. *European Journal of Neurology*, **2007**, 14, 706-7	6	13
152	An assessment of MMP and TIMP gene expression in cell lines and stroma - tumour differences in microdissected breast cancer biopsies. *Tumor Biology*, **2003**, 24, 258-70	2.9	13
151	Investigation of an inducible nitric oxide synthase gene (NOS2A) polymorphism in a multiple sclerosis population. *Brain Research Bulletin*, **2004**, 64, 9-13	3.9	13

150	Analysis of chromosome 1 microsatellite markers and the FHM2-ATP1A2 gene mutations in migraine pedigrees. *Neurological Research*, **2005**, 27, 647-52	2.7	13
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