Lyn Griffiths

List of Publications by Year in Descending Order

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	Antroquinonol administration in animal preclinical studies for Alzheimer's disease (AD): A new avenue for modifying progression of AD pathophysiology.. *Brain, Behavior, & Immunity - Health*, **2022**, 21, 100435	5.1	0
328	Pedigree derived mutation rate across the entire mitochondrial genome of the Norfolk Island population.. *Scientific Reports*, **2022**, 12, 6827	4.9	
327	Epigenetic Regulation of miR-92a and TET2 and Their Association in Non-Hodgkin Lymphoma.. *Frontiers in Genetics*, **2021**, 12, 768913	4.5	2
326	Discriminating head trauma outcomes using machine learning and genomics. *Journal of Molecular Medicine*, **2021**, 1	5.5	
325	Genetic Association Analysis Implicates Six MicroRNA-Related SNPs With Increased Risk of Breast Cancer in Australian Caucasian Women. *Clinical Breast Cancer*, **2021**, 21, e694-e703	3	2
324	Exploring the Hereditary Nature of Migraine. *Neuropsychiatric Disease and Treatment*, **2021**, 17, 1183-1194	3.1	4
323	A genome-wide methylation study of body fat traits in the Norfolk Island isolate. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 1556-1563	4.5	0
322	The MinION as a cost-effective technology for diagnostic screening of the SCN1A gene in epilepsy patients. *Epilepsy Research*, **2021**, 172, 106593	3	0
321	Techniques for RNA extraction from cells cultured in starPEG-heparin hydrogels. *Open Biology*, **2021**, 11, 200388	7	0
320	Using Monozygotic Twins to Dissect Common Genes in Posttraumatic Stress Disorder and Migraine. *Frontiers in Neuroscience*, **2021**, 15, 678350	5.1	0
319	Genetic analysis of endometriosis and depression identifies shared loci and implicates causal links with gastric mucosa abnormality. *Human Genetics*, **2021**, 140, 529-552	6.3	8
318	Mini review: genome and transcriptome editing using CRISPR-cas systems for haematological malignancy gene therapy. *Transgenic Research*, **2021**, 30, 129-141	3.3	1
317	SLC17A3 rs9379800 and Ischemic Stroke Susceptibility at the Northern Region of Malaysia. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105908	2.8	0
316	A combinatorial in silico approach for microRNA-target identification: Order out of chaos. *Biochimie* , **2021**, 187, 121-130	4.6	0
315	Multi-phenotype genome-wide association studies of the Norfolk Island isolate implicate pleiotropic loci involved in chronic kidney disease. *Scientific Reports*, **2021**, 11, 19425	4.9	
314	An investigation of genetic polymorphisms in heparan sulfate proteoglycan core proteins and key modification enzymes in an Australian Caucasian multiple sclerosis population. *Human Genomics*, **2020**, 14, 18	6.8	1
313	Comprehensive Exonic Sequencing of Known Ataxia Genes in Episodic Ataxia. *Biomedicines*, **2020**, 8,	4.8	1

312	Syndecan-1 Facilitates the Human Mesenchymal Stem Cell Osteo-Adipogenic Balance. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
311	HSPGs glypican-1 and glypican-4 are human neuronal proteins characteristic of different neural phenotypes. *Journal of Neuroscience Research*, **2020**, 98, 1619-1645	4.4	5
310	Tiered analysis of whole-exome sequencing for epilepsy diagnosis. *Molecular Genetics and Genomics* , **2020**, 295, 751-763	3.1	6
309	Shared Molecular Genetic Mechanisms Underlie Endometriosis and Migraine Comorbidity. *Genes*, **2020**, 11,	4.2	19
308	Investigating the influence of mtDNA and nuclear encoded mitochondrial variants on high intensity interval training outcomes. *Scientific Reports*, **2020**, 10, 11089	4.9	3
307	Exploring Neuronal Vulnerability to Head Trauma Using a Whole Exome Approach. *Journal of Neurotrauma*, **2020**, 37, 1870-1879	5.4	4
306	Long-Term Consumption of Anthocyanin-Rich Fruit Juice: Impact on Gut Microbiota and Antioxidant Markers in Lymphocytes of Healthy Males. *Antioxidants*, **2020**, 10,	7.1	7
305	Investigating diagnostic sequencing techniques for CADASIL diagnosis. *Human Genomics*, **2020**, 14, 2	6.8	3
304	Saliva as a comparable-quality source of DNA for Whole Exome Sequencing on Ion platforms. *Genomics*, **2020**, 112, 1437-1443	4.3	1
303	Genetic variants associated with exercise performance in both moderately trained and highly trained individuals. *Molecular Genetics and Genomics*, **2020**, 295, 515-523	3.1	6
302	Regulatory Mechanisms of Epigenetic miRNA Relationships in Human Cancer and Potential as Therapeutic Targets. *Cancers*, **2020**, 12,	6.6	28
301	Comprehensive Exonic Sequencing of Hemiplegic Migraine-Related Genes in a Cohort of Suspected Probands Identifies Known and Potential Pathogenic Variants. *Cells*, **2020**, 9,	7.9	6
300	Advances in genetics of migraine. *Journal of Headache and Pain*, **2019**, 20, 72	8.8	56
299	Single Nucleotide Polymorphisms in Contribute to Protection Against Non-Hodgkin Lymphoma (NHL) in Caucasian Populations. *Genes*, **2019**, 10,	4.2	6
298	Clinical and genetic spectrum of SCN2A-associated episodic ataxia. *European Journal of Paediatric Neurology*, **2019**, 23, 438-447	3.8	27
297	Meta-Analysis of Factor V, Factor VII, Factor XII, and Factor XIII-A Gene Polymorphisms and Ischemic Stroke. *Medicina (Lithuania)*, **2019**, 55,	3.1	6
296	Association of Gene Polymorphisms with Ischemic Stroke and its Subtypes: A Meta-Analysis. *Medicina (Lithuania)*, **2019**, 55,	3.1	1
295	Variant Call Format-Diagnostic Annotation and Reporting Tool: A Customizable Analysis Pipeline for Identification of Clinically Relevant Genetic Variants in Next-Generation Sequencing Data. *Journal of Molecular Diagnostics*, **2019**, 21, 951-960	5.1	2

294	Genome-wide allele-specific methylation is enriched at gene regulatory regions in a multi-generation pedigree from the Norfolk Island isolate. *Epigenetics and Chromatin*, **2019**, 12, 60	5.8	6
293	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
292	Ion torrent high throughput mitochondrial genome sequencing (HTMGS). *PLoS ONE*, **2019**, 14, e0224847	3.7	8
291	Differential stability of variant gene transcripts in myopic patients. *Molecular Vision*, **2019**, 25, 183-193	2.3	1
290	A causal role for TRESK loss of function in migraine mechanisms. *Brain*, **2019**, 142, 3852-3867	11.2	27
289	Targeted next generation sequencing identifies a genetic spectrum of DNA variants in patients with hemiplegic migraine. *Cephalalgia Reports*, **2019**, 2, 251581631988163	0.7	5
288	An emerging role for epigenetic factors in relation to executive function. *Briefings in Functional Genomics*, **2018**, 17, 170-180	4.9	4
287	The NRP1 migraine risk variant shows evidence of association with menstrual migraine. *Journal of Headache and Pain*, **2018**, 19, 31	8.8	9
286	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. *Neuron*, **2018**, 98, 743-753.e4	13.9	42
285	Next Generation Sequencing Methods for Diagnosis of Epilepsy Syndromes. *Frontiers in Genetics*, **2018**, 9, 20	4.5	54
284	Heparan Sulfate Proteoglycans as Drivers of Neural Progenitors Derived From Human Mesenchymal Stem Cells. *Frontiers in Molecular Neuroscience*, **2018**, 11, 134	6.1	7
283	Exome Sequencing Diagnoses X-Linked Moesin-Associated Immunodeficiency in a Primary Immunodeficiency Case. *Frontiers in Immunology*, **2018**, 9, 420	8.4	17
282	Expression QTL analysis of glaucoma endophenotypes in the Norfolk Island isolate provides evidence that immune-related genes are associated with optic disc size. *Journal of Human Genetics*, **2018**, 63, 83-87	4.3	1
281	Investigation of the CADM2 polymorphism rs17518584 in memory and executive functions measures in a cohort of young healthy individuals. *Neurobiology of Learning and Memory*, **2018**, 155, 330-336	3.1	
280	Critical evaluation of linear regression models for cell-subtype specific methylation signal from mixed blood cell DNA. *PLoS ONE*, **2018**, 13, e0208915	3.7	3
279	Whole-Exome Sequencing Implicates in Episodic Ataxia, but Multiple Ion Channel Variants May Contribute to Phenotypic Complexity. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	7
278	Investigation of polymorphisms in genes involved in estrogen metabolism in menstrual migraine. *Gene*, **2017**, 607, 36-40	3.8	9
277	Genetics of Migraine: Insights into the Molecular Basis of Migraine Disorders. *Headache*, **2017**, 57, 537-569	4.2	62

276	Genetic and biochemical changes of the serotonergic system in migraine pathobiology. *Journal of Headache and Pain*, **2017**, 18, 20	8.8	39
275	Ion channelopathies and migraine pathogenesis. *Molecular Genetics and Genomics*, **2017**, 292, 729-739	3.1	10
274	Dysregulation of the Expression of Asparagine-Linked Glycosylation 13 Short Isoform 2 Affects Nephrin Function by Altering Its N-Linked Glycosylation. *Nephron*, **2017**, 136, 143-150	3.3	4
273	Gene-centric analysis implicates nuclear encoded mitochondrial protein gene variants in migraine susceptibility. *Molecular Genetics & Genomic Medicine*, **2017**, 5, 157-163	2.3	5
272	Genetic testing for exercise prescription and injury prevention: AIS-Athlome consortium-FIMS joint statement. *BMC Genomics*, **2017**, 18, 818	4.5	15
271	The gene SMART study: method, study design, and preliminary findings. *BMC Genomics*, **2017**, 18, 821	4.5	41
270	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
269	Novel STAT binding elements mediate IL-6 regulation of MMP-1 and MMP-3. *Scientific Reports*, **2017** , 7, 8526	4.9	14
268	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
267	Migrainomics - identifying brain and genetic markers of migraine. *Nature Reviews Neurology*, **2017**, 13, 725-741	15	22
266	A genome-wide association study of essential hypertension in an Australian population using a DNA pooling approach. *Molecular Genetics and Genomics*, **2017**, 292, 307-324	3.1	11
265	BDNF Variants May Modulate Long-Term Visual Memory Performance in a Healthy Cohort. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	10
264	A Gene Polymorphism (rs2253206) Is Associated with Prospective Memory in a Healthy Cohort. *Frontiers in Behavioral Neuroscience*, **2017**, 11, 86	3.5	5
263	Exploiting Heparan Sulfate Proteoglycans in Human Neurogenesis-Controlling Lineage Specification and Fate. *Frontiers in Integrative Neuroscience*, **2017**, 11, 28	3.2	32
262	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
261	Genome-wide linkage and association analysis of primary open-angle glaucoma endophenotypes in the Norfolk Island isolate. *Molecular Vision*, **2017**, 23, 660-665	2.3	0
260	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
259	Targeted next generation sequencing identifies novel NOTCH3 gene mutations in CADASIL diagnostics patients. *Human Genomics*, **2016**, 10, 38	6.8	14

258	Genetic insights into migraine and glutamate: a protagonist driving the headache. *Journal of the Neurological Sciences*, **2016**, 367, 258-68	3.2	9
257	Methylenetetrahydrofolate Reductase CpG Islands: Epigenotyping. *Journal of Clinical Laboratory Analysis*, **2016**, 30, 335-44	3	5
256	Blood gene expression studies in migraine: Potential and caveats. *Cephalalgia*, **2016**, 36, 669-78	6.1	12
255	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
254	Dysregulated MicroRNA Expression Profiles and Potential Cellular, Circulating and Polymorphic Biomarkers in Non-Hodgkin Lymphoma. *Genes*, **2016**, 7,	4.2	14
253	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
252	Eye movement disorders are an early manifestation of CACNA1A mutations in children. *Developmental Medicine and Child Neurology*, **2016**, 58, 639-44	3.3	47
251	Next-generation sequencing identifies novel CACNA1A gene mutations in episodic ataxia type 2. *Molecular Genetics & Genomic Medicine*, **2016**, 4, 211-22	2.3	23
250	Effects of dietary folate intake on migraine disability and frequency. *Headache*, **2015**, 55, 301-9	4.2	20
249	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
248	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	30.4	119
247	A novel fully validated LC-MS/MS method for quantification of pyridoxal-5'-phosphate concentrations in samples of human whole blood. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 1000, 77-83	3.2	8
246	Association of microRNA 17-92 cluster host gene (MIR17HG) polymorphisms with breast cancer. *Tumor Biology*, **2015**, 36, 5369-76	2.9	19
245	Case-control study of ADARB1 and ADARB2 gene variants in migraine. *Journal of Headache and Pain* , **2015**, 16, 511	8.8	5
244	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
243	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
242	Common polygenic variation contributes to risk of migraine in the Norfolk Island population. *Human Genetics*, **2015**, 134, 1079-87	6.3	9
241	Association of heparan sulfate proteoglycans SDC1 and SDC4 polymorphisms with breast cancer in an Australian Caucasian population. *Tumor Biology*, **2015**, 36, 1731-8	2.9	10

240	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
239	Genetic and epigenetic variants in the MTHFR gene are not associated with non-Hodgkin lymphoma. *Meta Gene*, **2015**, 6, 91-5	0.7	8
238	The Influence of OLR1 and PCSK9 Gene Polymorphisms on Ischemic Stroke: Evidence from a Meta-Analysis. *Scientific Reports*, **2015**, 5, 18224	4.9	31
237	Serum bilirubin concentration is modified by UGT1A1 haplotypes and influences risk of type-2 diabetes in the Norfolk Island genetic isolate. *BMC Genetics*, **2015**, 16, 136	2.6	7
236	Genetic association analysis of miRNA SNPs implicates MIR145 in breast cancer susceptibility. *BMC Medical Genetics*, **2015**, 16, 107	2.1	25
235	'Mutiny on the Bounty': the genetic history of Norfolk Island reveals extreme gender-biased admixture. *Investigative Genetics*, **2015**, 6, 11		6
234	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
233	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
232	Mitochondrial genome acquisition restores respiratory function and tumorigenic potential of cancer cells without mitochondrial DNA. *Cell Metabolism*, **2015**, 21, 81-94	24.6	434
231	A Phenomic Scan of the Norfolk Island Genetic Isolate Identifies a Major Pleiotropic Effect Locus Associated with Metabolic and Renal Disorder Markers. *PLoS Genetics*, **2015**, 11, e1005593	6	3
230	Evaluation of a 7-Gene Genetic Profile for Athletic Endurance Phenotype in Ironman Championship Triathletes. *PLoS ONE*, **2015**, 10, e0145171	3.7	29
229	Heparan sulfate proteoglycans and human breast cancer epithelial cell tumorigenicity. *Journal of Cellular Biochemistry*, **2014**, 115, 967-76	4.7	33
228	Genetic polymorphisms in miRNAs targeting the estrogen receptor and their effect on breast cancer risk. *Meta Gene*, **2014**, 2, 226-36	0.7	12
227	Mesenchymal stem cells, neural lineage potential, heparan sulfate proteoglycans and the matrix. *Developmental Biology*, **2014**, 388, 1-10	3.1	38
226	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
225	Potential antioxidant response to coffee - A matter of genotype?. *Meta Gene*, **2014**, 2, 525-39	0.7	4
224	Investigation of brain-derived neurotrophic factor (BDNF) gene variants in migraine. *Headache*, **2014**, 54, 1184-93	4.2	19
223	In silico analyses reveal common cellular pathways affected by loss of heterozygosity (LOH) events in the lymphomagenesis of Non-Hodgkin's lymphoma (NHL). *BMC Genomics*, **2014**, 15, 390	4.5	5

222	Epigenetics and migraine; complex mitochondrial interactions contributing to disease susceptibility. *Gene*, **2014**, 543, 1-7	3.8	14
221	Association of the SNP rs2623047 in the HSPG modification enzyme SULF1 with an Australian Caucasian breast cancer cohort. *Gene*, **2014**, 547, 50-4	3.8	6
220	Methods for extracting genomic DNA from whole blood samples: current perspectives. *Journal of Biorepository Science for Applied Medicine*, **2014**, 1		26
219	Genetic association and gene expression studies suggest that genetic variants in the SYNE1 and TNF genes are related to menstrual migraine. *Journal of Headache and Pain*, **2014**, 15, 62	8.8	10
218	Computational epigenetic profiling of CpG islets in MTHFR. *Molecular Biology Reports*, **2014**, 41, 8285-92	2.8	11
217	Genetic analysis of GRIA2 and GRIA4 genes in migraine. *Headache*, **2014**, 54, 303-12	4.2	4
216	Association study of MTHFD1 coding polymorphisms R134K and R653Q with migraine susceptibility. *Headache*, **2014**, 54, 1506-14	4.2	6
215	A sweet promise among Malaysians. *Journal of Diabetes*, **2014**, 6, 447	3.8	1
214	The association between pterygium and conjunctival ultraviolet autofluorescence: the Norfolk Island Eye Study. *Acta Ophthalmologica*, **2013**, 91, 363-70	3.7	45
213	An envirogenomic signature is associated with risk of IBD-related surgery in a population-based Crohn's disease cohort. *Journal of Gastrointestinal Surgery*, **2013**, 17, 1643-50	3.3	5
212	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
211	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
210	Association of a GRIA3 gene polymorphism with migraine in an Australian case-control cohort. *Headache*, **2013**, 53, 1245-9	4.2	20
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	Analysis of 3 common polymorphisms in the KCNK18 gene in an Australian Migraine case-control cohort. *Gene*, **2013**, 528, 343-6	3.8	13
207	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
206	Studies on the pathophysiology and genetic basis of migraine. *Current Genomics*, **2013**, 14, 300-15	2.6	63
205	Investigation of lymphotoxin [illegible]genetic variants in migraine. *Gene*, **2013**, 512, 527-31	3.8	6

204	BDNF and TNF-β polymorphisms in memory. *Molecular Biology Reports*, **2013**, 40, 5483-90	2.8	24
203	Nutraceuticals in migraine treatment **2013**, 134-145		
202	Association of oestrogen-receptor gene (ESR1) polymorphisms with migraine in the large Norfolk Island pedigree. *Cephalalgia*, **2013**, 33, 1139-47	6.1	19
201	Genetic variation in cytokine-related genes and migraine susceptibility. *Twin Research and Human Genetics*, **2013**, 16, 1079-86	2.2	4
200	Emerging genomic biomarkers in migraine. *Future Neurology*, **2013**, 8, 87-101	1.5	
199	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
198	Perianal disease combined with NOD2 genotype predicts need for IBD-related surgery in Crohn's disease patients from a population-based cohort. *Journal of Clinical Gastroenterology*, **2013**, 47, 242-5	3	9
197	Investigation of APOE isoforms and the association between APOE E3 and E4 with migraine in the Australian Caucasian population. *NeuroReport*, **2013**, 24, 499-503	1.7	3
196	Polyalanine repeat polymorphism in RUNX2 is associated with site-specific fracture in post-menopausal females. *PLoS ONE*, **2013**, 8, e72740	3.7	7
195	The biology of the glutamatergic system and potential role in migraine. *International Journal of Biomedical Science*, **2013**, 9, 1-8		11
194	Review: Alternative Splicing (AS) of Genes As An Approach for Generating Protein Complexity. *Current Genomics*, **2013**, 14, 182-94	2.6	65
193	The role of the MTHFR gene in migraine. *Headache*, **2012**, 52, 515-20	4.2	30
192	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
191	Development of an eight gene expression profile implicating human breast tumours of all grade. *Molecular Biology Reports*, **2012**, 39, 3879-92	2.8	15
190	A genome-wide analysis of 'Bounty' descendants implicates several novel variants in migraine susceptibility. *Neurogenetics*, **2012**, 13, 261-6	3	28
189	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
188	Functional analysis of missense variants in the TRESK (KCNK18) K channel. *Scientific Reports*, **2012**, 2, 237	4.9	70
187	Heritability and genome-wide linkage analysis of migraine in the genetic isolate of Norfolk Island. *Gene*, **2012**, 494, 119-23	3.8	16

186	Role of the apolipoprotein E and catechol-O-methyltransferase genes in prospective and retrospective memory traits. *Gene*, **2012**, 506, 135-40	3.8	11
185	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
184	Investigation of the role of the GABRG2 gene variant in migraine. *Journal of the Neurological Sciences*, **2012**, 318, 112-4	3.2	5
183	A possible role for mitochondrial dysfunction in migraine. *Molecular Genetics and Genomics*, **2012**, 287, 837-44	3.1	45
182	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
181	Environments for Healthy Living (EFHL) Griffith birth cohort study: background and methods. *Maternal and Child Health Journal*, **2012**, 16, 1896-905	2.4	34
180	Complete mitochondrial genome sequencing reveals novel haplotypes in a Polynesian population. *PLoS ONE*, **2012**, 7, e35026	3.7	19
179	An X chromosome association scan of the Norfolk Island genetic isolate provides evidence for a novel migraine susceptibility locus at Xq12. *PLoS ONE*, **2012**, 7, e37903	3.7	10
178	The association between time spent outdoors and myopia using a novel biomarker of outdoor light exposure **2012**, 53, 4363-70		66
177	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
176	Circulating microRNAs involved in multiple sclerosis. *Molecular Biology Reports*, **2012**, 39, 6219-25	2.8	137
175	Induction of antioxidative Nrf2 gene transcription by coffee in humans: depending on genotype?. *Molecular Biology Reports*, **2012**, 39, 7155-62	2.8	35
174	Confirmation that Xq27 and Xq28 are susceptibility loci for migraine in independent pedigrees and a case-control cohort. *Neurogenetics*, **2012**, 13, 97-101	3	6
173	Investigation of homocysteine-pathway-related variants in essential hypertension. *International Journal of Hypertension*, **2012**, 2012, 190923	2.4	23
172	Randomised, double blind, placebo-controlled trial of echinacea supplementation in air travellers. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 417267	2.3	10
171	Detection of a novel mutation in the CACNA1A gene. *Twin Research and Human Genetics*, **2012**, 15, 120-5	2.2	4
170	Authors' response: Approach to evaluating the reliability and validity of conjunctival ultraviolet autofluorescence measurement. *British Journal of Ophthalmology*, **2012**, 96, 1271.2-1271	5.5	
169	Cardiomyopathy classification: ongoing debate in the genomics era. *Biochemistry Research International*, **2012**, 2012, 796926	2.4	11

168	Reliability and validity of conjunctival ultraviolet autofluorescence measurement. *British Journal of Ophthalmology*, **2012**, 96, 801-5	5.5	39
167	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
166	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
165	Association of a Notch 3 gene polymorphism with migraine susceptibility. *Cephalalgia*, **2011**, 31, 264-70	6.1	20
164	Investigation of the 1758G>C and 2880A>G variants within the NCOA3 gene in a breast cancer affected Australian population. *Gene*, **2011**, 482, 68-72	3.8	7
163	Semaphorin-plexin signalling genes associated with human breast tumourigenesis. *Gene*, **2011**, 489, 63-9	3.8	17
162	Significant differences in gene expression of GABA receptors in peripheral blood leukocytes of migraineurs. *Gene*, **2011**, 490, 32-6	3.8	18
161	Prevalence and predictors of refractive error in a genetically isolated population: the Norfolk Island Eye Study. *Clinical and Experimental Ophthalmology*, **2011**, 39, 734-42	2.4	11
160	Association study of calcitonin gene-related polypeptide-alpha (CALCA) gene polymorphism with migraine. *Brain Research*, **2011**, 1378, 119-24	3.7	18
159	Percutaneous patent foramen ovale closure: outcomes with the Premere and Amplatzer devices. *Cardiovascular Revascularization Medicine*, **2011**, 12, 164-169	1.6	14
158	Identification of molecular genetic factors that influence migraine. *Molecular Genetics and Genomics*, **2011**, 285, 433-46	3.1	42
157	Variants in the human potassium channel gene (KCNN3) are associated with migraine in a high risk genetic isolate. *Journal of Headache and Pain*, **2011**, 12, 603-8	8.8	9
156	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci. *Annals of Neurology*, **2011**, 70, 897-912	9.4	263
155	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
154	Genome-wide association study reveals three susceptibility loci for common migraine in the general population. *Nature Genetics*, **2011**, 43, 695-8	36.3	295
153	Distribution of conjunctival ultraviolet autofluorescence in a population-based study: the Norfolk Island Eye Study. *Eye*, **2011**, 25, 893-900	4.4	18
152	The Norfolk Island Eye Study (NIES): rationale, methodology and distribution of ocular biometry (biometry of the bounty). *Twin Research and Human Genetics*, **2011**, 14, 42-52	2.2	10
151	Investigation of two Wnt signalling pathway single nucleotide polymorphisms in a breast cancer-affected Australian population. *Twin Research and Human Genetics*, **2011**, 14, 562-7	2.2	9

150	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
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