Rachel A Gibson

List of Publications by Year
in descending order

50 papers	6,053 citations	147801 31 h-index	197818 49 g-index
50 all docs	50 docs citations	50 times ranked	9404 citing authors

#	Article	IF	Citations
1	Meta-analysis of genome scans and replication identify CD6, IRF8 and TNFRSF1A as new multiple sclerosis susceptibility loci. Nature Genetics, 2009, 41, 776-782.	21.4	729
2	Candidate Single-Nucleotide Polymorphisms From a Genomewide Association Study of Alzheimer Disease. Archives of Neurology, 2008, 65, 45-53.	4.5	443
3	Genome-wide association analysis of susceptibility and clinical phenotype in multiple sclerosis. Human Molecular Genetics, 2009, 18, 767-778.	2.9	419
4	Pathway and network-based analysis of genome-wide association studies in multiple sclerosis. Human Molecular Genetics, 2009, 18, 2078-2090.	2.9	371
5	Positional cloning of the Fanconi anaemia group A gene. Nature Genetics, 1996, 14, 324-328.	21.4	294
6	Association of LRRK2 exonic variants with susceptibility to Parkinson's disease: a caseâ€“control study. Lancet Neurology, The, 2011, 10, 898-908.	10.2	294
7	Age at Onset in Two Common Neurodegenerative Diseases Is Genetically Controlled. American Journal of Human Genetics, 2002, 70, 985-993.	6.2	291
8	DNAJC13 mutations in Parkinson disease. Human Molecular Genetics, 2014, 23, 1794-1801.	2.9	258
9	Complete Genomic Screen in Parkinson Disease. JAMA - Journal of the American Medical Association, 2001, 286, 2239.	7.4	257
10	Translation Initiator EIF4G1 Mutations in Familial Parkinson Disease. American Journal of Human Genetics, 2011, 89, 398-406.	6.2	250
11	Rare Deletions at 16p13.11 Predispose to a Diverse Spectrum of Sporadic Epilepsy Syndromes. American Journal of Human Genetics, 2010, 86, 707-718.	6.2	231
12	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. Lancet Diabetes and Endocrinology,the, 2017, 5, 184-195.	11.4	194
13	Spontaneous functional correction of homozygous Fanconi anaemia alleles reveals novel mechanistic basis for reverse mosaicism. Nature Genetics, 1999, 22, 379-383.	21.4	190
14	Multicentre search for genetic susceptibility loci in sporadic epilepsy syndrome and seizure types: a case-control study. Lancet Neurology, The, 2007, 6, 970-980.	10.2	175
15	LRRK2 Gly2019Ser penetrance in Arabâ€“Berber patients from Tunisia: a case-control genetic study. Lancet Neurology, The, 2008, 7, 591-594.	10.2	172
16	A common mutation in the FACC gene causes Fanconi anaemia in Ashkenazi Jews. Nature Genetics, 1993, 4, 202-205.	21.4	161
17	Anatomically-distinct genetic associations of APOE É›4 allele load with regional cortical atrophy in Alzheimer's disease. NeuroImage, 2009, 44, 724-728.	4.2	144
18	Common genetic variation and susceptibility to partial epilepsies: a genome-wide association study. Brain, 2010, 133, 2136-2147.	7.6	132

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19	Screening for Lrrk2 G2019S and clinical comparison of Tunisian and North American Caucasian Parkinson's disease families. Movement Disorders, 2007, 22, 55-61.	3.9	100
20	Clinical Features of Parkinson Disease Patients With Homozygous Leucine-Rich Repeat Kinase 2 G2019S Mutations. Archives of Neurology, 2006, 63, 1250.	4.5	91
21	Localisation of the Fanconi anaemia complementation group A gene to chromosome 16q24.3. Nature Genetics, 1995, 11, 338-340.	21.4	89
22	A nonsense mutation and exon skipping in the Fanconi anaemia group C gene. Human Molecular Genetics, 1993, 2, 797-799.	2.9	87
23	A Randomised Trial Evaluating the Effects of the TRPV1 Antagonist SB705498 on Pruritus Induced by Histamine, and Cowhage Challenge in Healthy Volunteers. PLoS ONE, 2014, 9, e100610.	2.5	57
24	Proteomic identification and early validation of complement 1 inhibitor and pigment epitheliumâ€derived factor: Two novel biomarkers of Alzheimer's disease in human plasma. Proteomics - Clinical Applications, 2008, 2, 467-477.	1.6	52
25	The Genomic Organization of the Fanconi Anemia Group A (FAA) Gene. Genomics, 1997, 41, 309-314.	2.9	51
26	Characterisation of the exon structure of the Fanconi anaemia group C gene by vectorette PCR. Human Molecular Genetics, 1993, 2, 35-38.	2.9	49
27	A comparative study of LRRK2, PINK1 and genetically undefined familial Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 391-395.	1.9	44
28	Novel mutations and polymorphisms in the Fanconi anemia group C gene. Human Mutation, 1996, 8, 140-148.	2.5	42
29	VACTERL with hydrocephalus in twins due to Fanconi anemia (FA): Mutation in the FAC gene. American Journal of Medical Genetics Part A, 1997, 68, 86-90.	2.4	39
30	ATP13A2variability in Parkinson disease. Human Mutation, 2009, 30, 406-410.	2.5	37
31	An exploration of cognitive subgroups in Alzheimerâ€™s disease. Journal of the International Neuropsychological Society, 2010, 16, 233-243.	1.8	35
32	Glucocerebrosidase mutations are not a common risk factor for Parkinson disease in North Africa. Neuroscience Letters, 2010, 477, 57-60.	2.1	30
33	Populationâ€specific frequencies for LRRK2 susceptibility variants in the genetic epidemiology of Parkinson's disease (GEOâ€PD) consortium. Movement Disorders, 2013, 28, 1740-1744.	3.9	30
34	Construction of a High-Resolution Physical and Transcription Map of Chromosome 16q24.3: A Region of Frequent Loss of Heterozygosity in Sporadic Breast Cancer. Genomics, 1998, 50, 1-8.	2.9	28
35	Dietary assessment of British police force employees: a description of diet record coding procedures and cross-sectional evaluation of dietary energy intake reporting (The Airwave Health Monitoring) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	26
36	A cross-sectional investigation into the occupational and socio-demographic characteristics of British police force employees reporting a dietary pattern associated with cardiometabolic risk: findings from the Airwave Health Monitoring Study. European Journal of Nutrition, 2018, 57, 2913-2926.	3.9	24

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37	Comprehensive sequencing of the LRRK2 gene in patients with familial Parkinson's disease from North Africa. Movement Disorders, 2010, 25, 2052-2058.	3.9	23
38	Intakes and Food Sources of Dietary Fibre and Their Associations with Measures of Body Composition and Inflammation in UK Adults: Cross-Sectional Analysis of the Airwave Health Monitoring Study. Nutrients, 2019, 11, 1839.	4.1	21
39	Heterodimerization of Lrrk1â€“Lrrk2: Implications for LRRK2-associated Parkinson disease. Mechanisms of Ageing and Development, 2010, 131, 210-214.	4.6	18
40	Nutrient profiling and adherence to components of the UK national dietary guidelines association with metabolic risk factors for CVD and diabetes: Airwave Health Monitoring Study. British Journal of Nutrition, 2018, 119, 695-705.	2.3	15
41	Genetic variation in GOLM1 and prefrontal cortical volume in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 457-465.	3.1	14
42	A randomized, doubleâ€blind, placeboâ€controlled trial of camicinal in Parkinson's disease. Movement Disorders, 2018, 33, 329-332.	3.9	14
43	Topical emollient therapy in the management of severe acute malnutrition in children under two: A randomized controlled clinical trial in Bangladesh. Journal of Global Health, 2020, 10, 010414.	2.7	7
44	Exon 6 skipping in the fanconi anemia C gene associated with a nonsense/missense mutation (775Câ†’T) in exon 5: The first example of a nonsense mutation in one exon causing skipping of another downstream. Human Mutation, 1998, 11, S25-S27.	2.5	6
45	An assessment of the Irish population for large-scale genetic mapping studies involving epilepsy and other complex diseases. European Journal of Human Genetics, 2008, 16, 176-183.	2.8	5
46	The ancestry of LRRK2 Gly2019Ser parkinsonism â€“ Authors' reply. Lancet Neurology, The, 2008, 7, 770-771.	10.2	5
47	Effect of topical applications of sunflower seed oil on systemic fatty acid levels in under-two children under rehabilitation for severe acute malnutrition in Bangladesh: a randomized controlled trial. Nutrition Journal, 2021, 20, 51.	3.4	4
48	Topical emollient therapy with sunflower seed oil alters the skin microbiota of young children with severe acute malnutrition in Bangladesh: A randomised, controlled study. Journal of Global Health, 2021, 11, 04047.	2.7	4
49	EcoRI RFLP in the Fanconi anaemia complementation group C gene (FACC). Human Molecular Genetics, 1993, 2, 1509-1509.	2.9	2
50	Pharmacokinetics and Safety of Inhaled Oxytocin Compared with Intramuscular Oxytocin: The First Randomised Open-Label Study in Women in the Third Stage of Labour. SSRN Electronic Journal, 0, , .	0.4	0