# Christine Van Broeckhoven

List of Publications by Year
in descending order

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|---|---|---|---|
| 799 papers | 76,635 citations | 492 129 h-index | 911 241 g-index |
| 872 all docs | 872 docs citations | 872 times ranked | 51248 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. Nature Genetics, 2013, 45, 1452-1458. | 21.4 | 3,741 |
| 2 | Genome-wide association study identifies variants at CLU and PICALM associated with Alzheimer's disease. Nature Genetics, 2009, 41, 1088-1093. | 21.4 | 2,697 |
| 3 | Genome-wide association study identifies variants at CLU and CR1 associated with Alzheimer's disease. Nature Genetics, 2009, 41, 1094-1099. | 21.4 | 2,155 |
| 4 | Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430. | 21.4 | 1,962 |
| 5 | NanoPack: visualizing and processing long-read sequencing data. Bioinformatics, 2018, 34, 2666-2669. | 4.1 | 1,713 |
| 6 | Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. Nature Genetics, 2011, 43, 429-435. | 21.4 | 1,708 |
| 7 | Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. Nature, 2006, 442, 920-924. | 27.8 | 1,386 |
| 8 | Atherosclerosis, apolipoprotein E, and prevalence of dementia and Alzheimer's disease in the Rotterdam Study. Lancet, The, 1997, 349, 151-154. | 13.7 | 1,304 |
| 9 | De Novo Mutations in the Sodium-Channel Gene SCN1A Cause Severe Myoclonic Epilepsy of Infancy. American Journal of Human Genetics, 2001, 68, 1327-1332. | 6.2 | 1,111 |
| 10 | The C9orf72 GGGGCC Repeat Is Translated into Aggregating Dipeptide-Repeat Proteins in FTLD/ALS. Science, 2013, 339, 1335-1338. | 12.6 | 1,095 |
| 11 | VEGF is a modifier of amyotrophic lateral sclerosis in mice and humans and protects motoneurons against ischemic death. Nature Genetics, 2003, 34, 383-394. | 21.4 | 794 |
| 12 | Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384. | 21.4 | 783 |
| 13 | Mutation of POLG is associated with progressive external ophthalmoplegia characterized by mtDNA deletions. Nature Genetics, 2001, 28, 211-212. | 21.4 | 748 |
| 14 | Extra-pair paternity results from female preference for high-quality males in the blue tit. Nature, 1992, 357, 494-496. | 27.8 | 720 |
| 15 | Presenile dementia and cerebral haemorrhage linked to a mutation at codon 692 of the Î²â€“amyloid precursor protein gene. Nature Genetics, 1992, 1, 218-221. | 21.4 | 715 |
| 16 | New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436. | 21.4 | 700 |
| 17 | The genetic landscape of Alzheimer disease: clinical implications and perspectives. Genetics in Medicine, 2016, 18, 421-430. | 2.4 | 695 |
| 18 | TREM2 mutations implicated in neurodegeneration impair cell surface transport and phagocytosis. Science Translational Medicine, 2014, 6, 243ra86. | 12.4 | 600 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A C9orf72 promoter repeat expansion in a Flanders-Belgian cohort with disorders of the frontotemporal lobar degeneration-amyotrophic lateral sclerosis spectrum: a gene identification study. Lancet Neurology, The, 2012, 11, 54-65. | 10.2 | 565 |
| 20 | APOE and Alzheimer disease: a major gene with semi-dominant inheritance. Molecular Psychiatry, 2011, 16, 903-907. | 7.9 | 529 |
| 21 | TDP-43 transgenic mice develop spastic paralysis and neuronal inclusions characteristic of ALS and frontotemporal lobar degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3858-3863. | 7.1 | 491 |
| 22 | Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. Nature Genetics, 2010, 42, 234-239. | 21.4 | 479 |
| 23 | Smoking and risk of dementia and Alzheimer's disease in a population-based cohort study: the Rotterdam Study. Lancet, The, 1998, 351, 1840-1843. | 13.7 | 475 |
| 24 | Collaborative Analysis of Î±-Synuclein Gene Promoter Variability and Parkinson Disease. JAMA - Journal of the American Medical Association, 2006, 296, 661. | 7.4 | 467 |
| 25 | Apolipoprotein E4 allele in a populationâ€“based study of earlyâ€“onset Alzheimer's disease. Nature Genetics, 1994, 7, 74-78. | 21.4 | 460 |
| 26 | Amyloid beta protein precursor gene and hereditary cerebral hemorrhage with amyloidosis (Dutch). Science, 1990, 248, 1120-1122. | 12.6 | 445 |
| 27 | Highly efficient gene delivery by mRNA electroporation in human hematopoietic cells: superiority to lipofection and passive pulsing of mRNA and to electroporation of plasmid cDNA for tumor antigen loading of dendritic cells. Blood, 2001, 98, 49-56. | 1.4 | 438 |
| 28 | Genetic etiology of Parkinson disease associated with mutations in the SNCA, PARK2, PINK1, PARK7, and LRRK2 genes: a mutation update. Human Mutation, 2010, 31, 763-780. | 2.5 | 428 |
| 29 | Bidirectional transcripts of the expanded C9orf72 hexanucleotide repeat are translated into aggregating dipeptide repeat proteins. Acta Neuropathologica, 2013, 126, 881-893. | 7.7 | 427 |
| 30 | Genetic Association of Apolipoprotein E with Age-Related Macular Degeneration. American Journal of Human Genetics, 1998, 63, 200-206. | 6.2 | 425 |
| 31 | Locusâ€specific mutation databases for neurodegenerative brain diseases. Human Mutation, 2012, 33, 1340-1344. | 2.5 | 414 |
| 32 | Molecular genetics of earlyâ€onset Alzheimer's disease revisited. Alzheimer's and Dementia, 2016, 12, 733-748. | 0.8 | 409 |
| 33 | Genetic linkage studies suggest that Alzheimer's disease is not a single homogeneous disorder. Nature, 1990, 347, 194-197. | 27.8 | 407 |
| 34 | The peripheral myelin protein gene PMPâ€“22 is contained within the Charcotâ€“Marieâ€“Tooth disease type 1A duplication. Nature Genetics, 1992, 1, 171-175. | 21.4 | 404 |
| 35 | Genome Scan Meta-Analysis of Schizophrenia and Bipolar Disorder, Part III: Bipolar Disorder. American Journal of Human Genetics, 2003, 73, 49-62. | 6.2 | 400 |
| 36 | Estimation of the Genetic Contribution of Presenilin-1 and -2 Mutations in a Population-Based Study of Presenile Alzheimer Disease. Human Molecular Genetics, 1998, 7, 43-51. | 2.9 | 396 |

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|---|---|---|---|
| 37 | Hot-spot residue in small heat-shock protein 22 causes distal motor neuropathy. Nature Genetics, 2004, 36, 597-601. | 21.4 | 395 |
| 38 | <scp>sTREM</scp> 2 cerebrospinal fluid levels are a potential biomarker for microglia activity in earlyâ€stage Alzheimer's disease and associate with neuronal injury markers. EMBO Molecular Medicine, 2016, 8, 466-476. | 6.9 | 392 |
| 39 | Risk Estimates of Dementia by Apolipoprotein E Genotypes From a Population-Based Incidence Study: The Rotterdam Study. Archives of Neurology, 1998, 55, 964. | 4.5 | 378 |
| 40 | A Multicenter Study of Glucocerebrosidase Mutations in Dementia With Lewy Bodies. JAMA Neurology, 2013, 70, 727. | 9.0 | 374 |
| 41 | Clinical Phenotypes of Different MPZ (P0) Mutations May Include Charcotâ€“Marieâ€“Tooth Type 1B, Dejerineâ€“Sottas, and Congenital Hypomyelination. Neuron, 1996, 17, 451-460. | 8.1 | 372 |
| 42 | Estimation of the Mutation Frequencies in Charcot-Marie-Tooth Disease Type 1 and Hereditary Neuropathy with Liability to Pressure Palsies: A European Collaborative Study. European Journal of Human Genetics, 1996, 4, 25-33. | 2.8 | 371 |
| 43 | APP duplication is sufficient to cause early onset Alzheimer's dementia with cerebral amyloid angiopathy. Brain, 2006, 129, 2977-2983. | 7.6 | 337 |
| 44 | Phenotype variability in progranulin mutation carriers: a clinical, neuropsychological, imaging and genetic study. Brain, 2008, 131, 732-746. | 7.6 | 331 |
| 45 | The role of tau (MAPT) in frontotemporal dementia and related tauopathies. Human Mutation, 2004, 24, 277-295. | 2.5 | 323 |
| 46 | Mapping of a gene predisposing to earlyâ€“onset Alzheimer's disease to chromosome 14q24.3. Nature Genetics, 1992, 2, 335-339. | 21.4 | 321 |
| 47 | Increased expression of BIN1 mediates Alzheimer genetic risk by modulating tau pathology. Molecular Psychiatry, 2013, 18, 1225-1234. | 7.9 | 321 |
| 48 | Genetic insights in Alzheimer's disease. Lancet Neurology, The, 2013, 12, 92-104. | 10.2 | 310 |
| 49 | Mean age-of-onset of familial alzheimer disease caused by presenilin mutations correlates with both increased AÎ²42 and decreased AÎ²40. Human Mutation, 2006, 27, 686-695. | 2.5 | 306 |
| 50 | hnRNP A3 binds to GGGGCC repeats and is a constituent of p62-positive/TDP43-negative inclusions in the hippocampus of patients with C9orf72 mutations. Acta Neuropathologica, 2013, 125, 413-423. | 7.7 | 302 |
| 51 | Frontotemporal dementia and its subtypes: a genome-wide association study. Lancet Neurology, The, 2014, 13, 686-699. | 10.2 | 302 |
| 52 | 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 |
| 53 | A novel Alzheimer disease locus located near the gene encoding tau protein. Molecular Psychiatry, 2016, 21, 108-117. | 7.9 | 260 |
| 54 | novoSNP, a novel computational tool for sequence variation discovery. Genome Research, 2005, 15, 436-442. | 5.5 | 254 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | POLG mutations in neurodegenerative disorders with ataxia but no muscle involvement. Neurology, 2004, 63, 1251-1257. | 1.1 | 252 |
| 56 | Apolipoprotein E epsilon4 and the risk of dementia with stroke. A population-based investigation. JAMA - Journal of the American Medical Association, 1997, 277, 818-821. | 7.4 | 252 |
| 57 | A Panâ€<scp>E</scp>uropean Study of theC9orf72Repeat Associated with<scp>FTLD</scp>: Geographic Prevalence, Genomic Instability, and Intermediate Repeats. Human Mutation, 2013, 34, 363-373. | 2.5 | 247 |
| 58 | Potent amyloidogenicity and pathogenicity of AÎ²43. Nature Neuroscience, 2011, 14, 1023-1032. | 14.8 | 245 |
| 59 | The genetics and neuropathology of frontotemporal lobar degeneration. Acta Neuropathologica, 2012, 124, 353-372. | 7.7 | 242 |
| 60 | Drosophila screen connects nuclear transport genes to DPR pathology in c9ALS/FTD. Scientific Reports, 2016, 6, 20877. | 3.3 | 239 |
| 61 | Mutations in DNAJC5, Encoding Cysteine-String Protein Alpha, Cause Autosomal-Dominant Adult-Onset Neuronal Ceroid Lipofuscinosis. American Journal of Human Genetics, 2011, 89, 241-252. | 6.2 | 236 |
| 62 | Mutations in the peripheral myelin genes and associated genes in inherited peripheral neuropathies. Human Mutation, 1999, 13, 11-28. | 2.5 | 232 |
| 63 | ALS Genes in the Genomic Era and their Implications for FTD. Trends in Genetics, 2018, 34, 404-423. | 6.7 | 229 |
| 64 | Mutations in SEPT9 cause hereditary neuralgic amyotrophy. Nature Genetics, 2005, 37, 1044-1046. | 21.4 | 222 |
| 65 | FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. Acta Neuropathologica, 2010, 120, 33-41. | 7.7 | 222 |
| 66 | Recessive POLG mutations presenting with sensory and ataxic neuropathy in compound heterozygote patients with progressive external ophthalmoplegia. Neuromuscular Disorders, 2003, 13, 133-142. | 0.6 | 216 |
| 67 | The Thr124Met mutation in the peripheral myelin protein zero (MPZ) gene is associated with a clinically distinct Charcotâ€“Marieâ€“Tooth phenotype. Brain, 1999, 122, 281-290. | 7.6 | 215 |
| 68 | Pathogenesis of polyglutamine disorders: aggregation revisited. Human Molecular Genetics, 2003, 12, R173-R186. | 2.9 | 212 |
| 69 | A novel presenilin 1 mutation associated with Pick's disease but not Î²â€amyloid plaques. Annals of Neurology, 2004, 55, 617-626. | 5.3 | 210 |
| 70 | Genetic variation in DPP6 is associated with susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2008, 40, 29-31. | 21.4 | 205 |
| 71 | Presenilins and Alzheimer disease. Nature Genetics, 1995, 11, 230-232. | 21.4 | 204 |
| 72 | Germline mosaicism and Duchenne muscular dystrophy mutations. Nature, 1987, 329, 554-556. | 27.8 | 201 |

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|---|---|---|---|
| 73 | The C9orf72 repeat size correlates with onset age of disease, DNA methylation and transcriptional downregulation of the promoter. Molecular Psychiatry, 2016, 21, 1112-1124. | 7.9 | 201 |
| 74 | Î±â€Synuclein promoter confers susceptibility to Parkinson's disease. Annals of Neurology, 2004, 56, 591-595. | 5.3 | 200 |
| 75 | Genetic contribution of FUS to frontotemporal lobar degeneration. Neurology, 2010, 74, 366-371. | 1.1 | 197 |
| 76 | Molecular biological characterization of an azole-resistant Candida glabrata isolate. Antimicrobial Agents and Chemotherapy, 1997, 41, 2229-2237. | 3.2 | 196 |
| 77 | Molecular genetics of Alzheimer's disease: An update. Annals of Medicine, 2008, 40, 562-583. | 3.8 | 196 |
| 78 | ITPR2 as a susceptibility gene in sporadic amyotrophic lateral sclerosis: a genome-wide association study. Lancet Neurology, The, 2007, 6, 869-877. | 10.2 | 195 |
| 79 | Serum biomarker for progranulinâ€associated frontotemporal lobar degeneration. Annals of Neurology, 2009, 65, 603-609. | 5.3 | 195 |
| 80 | Progress in unraveling the genetic etiology of Parkinson disease in a genomic era. Trends in Genetics, 2015, 31, 140-149. | 6.7 | 193 |
| 81 | Further evidence that neurofilament light chain gene mutations can cause Charcot-Marie-Tooth disease type 2E. Annals of Neurology, 2001, 49, 245-249. | 5.3 | 188 |
| 82 | Germinal mosaicism increases the recurrence risk for 'new' Duchenne muscular dystrophy mutations.. Journal of Medical Genetics, 1989, 26, 553-559. | 3.2 | 187 |
| 83 | Alzheimer risk associated with a copy number variation in the complement receptor 1 increasing C3b/C4b binding sites. Molecular Psychiatry, 2012, 17, 223-233. | 7.9 | 179 |
| 84 | Pathogenic APP mutations near the gamma-secretase cleavage site differentially affect Abeta secretion and APP C-terminal fragment stability. Human Molecular Genetics, 2001, 10, 1665-1671. | 2.9 | 178 |
| 85 | De-novo mutation in hereditary motor and sensory neuropathy type I. Lancet, The, 1992, 339, 1081-1082. | 13.7 | 177 |
| 86 | Promoter Mutations That Increase Amyloid Precursor-Protein Expression Are Associated with Alzheimer Disease. American Journal of Human Genetics, 2006, 78, 936-946. | 6.2 | 173 |
| 87 | Genetic variation in the KIF1B locus influences susceptibility to multiple sclerosis. Nature Genetics, 2008, 40, 1402-1403. | 21.4 | 173 |
| 88 | Convergent genetic and expression data implicate immunity in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 658-671. | 0.8 | 173 |
| 89 | Molecular genetic analysis of familial early-onset Alzheimer's disease linked to chromosome 14q24.3. Human Molecular Genetics, 1995, 4, 2363-2371. | 2.9 | 171 |
| 90 | De novoSCN1Amutations are a major cause of severe myoclonic epilepsy of infancy. Human Mutation, 2003, 21, 615-621. | 2.5 | 170 |

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|---|---|---|---|
| 91 | The presenilin genes: a new gene family involved in Alzheimer disease pathology. Human Molecular Genetics, 1996, 5, 1449-1455. | 2.9 | 169 |
| 92 | Presenilin mutations in Alzheimer's disease. Human Mutation, 1998, 11, 183-190. | 2.5 | 169 |
| 93 | Human Meiotic Recombination Products Revealed by Sequencing a Hotspot for Homologous Strand Exchange in Multiple HNPP Deletion Patients. American Journal of Human Genetics, 1998, 62, 1023-1033. | 6.2 | 168 |
| 94 | Dense-Core Plaques in Tg2576 and PSAPP Mouse Models of Alzheimer's Disease Are Centered on Vessel Walls. American Journal of Pathology, 2005, 167, 527-543. | 3.8 | 168 |
| 95 | Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. Human Molecular Genetics, 2010, 19, 2228-2238. | 2.9 | 163 |
| 96 | Progranulin null mutations in both sporadic and familial frontotemporal dementia. Human Mutation, 2007, 28, 846-855. | 2.5 | 162 |
| 97 | Genetic variability in progranulin contributes to risk for clinically diagnosed Alzheimer disease. Neurology, 2008, 71, 656-664. | 1.1 | 158 |
| 98 | Investigating the role of rare heterozygous TREM2 variants in Alzheimer's disease and frontotemporal dementia. Neurobiology of Aging, 2014, 35, 726.e11-726.e19. | 3.1 | 158 |
| 99 | Flemish and Dutch Mutations in Amyloid Î² Precursor Protein Have Different Effects on Amyloid Î² Secretion. Neurobiology of Disease, 1998, 5, 281-286. | 4.4 | 157 |
| 100 | The molecular basis of the frontotemporal lobar degenerationâ€“amyotrophic lateral sclerosis spectrum. Annals of Medicine, 2012, 44, 817-828. | 3.8 | 157 |
| 101 | High-density SNP haplotyping suggests altered regulation of tau gene expression in progressive supranuclear palsy. Human Molecular Genetics, 2005, 14, 3281-3292. | 2.9 | 156 |
| 102 | Sequencing an Ashkenazi reference panel supports population-targeted personal genomics and illuminates Jewish and European origins. Nature Communications, 2014, 5, 4835. | 12.8 | 156 |
| 103 | Common pathobiochemical hallmarks of progranulin-associated frontotemporal lobar degeneration and neuronal ceroid lipofuscinosis. Acta Neuropathologica, 2014, 127, 845-60. | 7.7 | 156 |
| 104 | The dopamine D4 receptor gene 48-base-pair-repeat polymorphism and mood disorders: A meta-analysis. Biological Psychiatry, 2005, 57, 999-1003. | 1.3 | 155 |
| 105 | Gene-Wide Analysis Detects Two New Susceptibility Genes for Alzheimer's Disease. PLoS ONE, 2014, 9, e94661. | 2.5 | 155 |
| 106 | CAG repeat expansion in the TATA box-binding protein gene causes autosomal dominant cerebellar ataxia. Brain, 2001, 124, 1939-1947. | 7.6 | 154 |
| 107 | Altered brain white matter integrity in healthy carriers of the APOE Îµ4 allele. Neurology, 2006, 66, 1029-1033. | 1.1 | 153 |
| 108 | Meta-analysis of the Association Between Variants in SORL1 and Alzheimer Disease. Archives of Neurology, 2011, 68, 99. | 4.5 | 153 |

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|---|---|---|---|
| 109 | Two divergent types of nerve pathology in patients with different P sub 0 mutations in Charcot-Marie-Tooth disease. Neurology, 1996, 47, 761-765. | 1.1 | 152 |
| 110 | Mutations in GDAP1. Neurology, 2002, 59, 1865-1872. | 1.1 | 152 |
| 111 | The gene for autosomal dominant cerebellar ataxia with pigmentary macular dystrophy maps to chromosome 3p12â€“p21.1. Nature Genetics, 1995, 10, 84-88. | 21.4 | 151 |
| 112 | Current insights into the C9orf72 repeat expansion diseases of the FTLD/ALS spectrum. Trends in Neurosciences, 2013, 36, 450-459. | 8.6 | 151 |
| 113 | Loss of TBK1 is a frequent cause of frontotemporal dementia in a Belgian cohort. Neurology, 2015, 85, 2116-2125. | 1.1 | 151 |
| 114 | Novel missense mutation in the early growth response 2 gene associated with Dejerineâ€“Sottas syndrome phenotype. Neurology, 1999, 52, 1827-1827. | 1.1 | 150 |
| 115 | Variability of 5-HT2C receptor cys23ser polymorphism among European populations and vulnerability to affective disorder. Molecular Psychiatry, 2001, 6, 579-585. | 7.9 | 150 |
| 116 | A deletion in SCN1B is associated with febrile seizures and early-onset absence epilepsy. Neurology, 2003, 61, 854-856. | 1.1 | 150 |
| 117 | Detection of expanded CAG repeats in Bipolar Affective Disorder using the repeat expansion detection (RED) method. Neurobiology of Disease, 1995, 2, 55-62. | 4.4 | 148 |
| 118 | Progranulin genetic variability contributes to amyotrophic lateral sclerosis. Neurology, 2008, 71, 253-259. | 1.1 | 148 |
| 119 | Novel POLG mutations in progressive external ophthalmoplegia mimicking mitochondrial neurogastrointestinal encephalomyopathy. European Journal of Human Genetics, 2003, 11, 547-549. | 2.8 | 145 |
| 120 | A Genomewide Screen for Late-Onset Alzheimer Disease in a Genetically Isolated Dutch Population. American Journal of Human Genetics, 2007, 81, 17-31. | 6.2 | 145 |
| 121 | Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. Archives of Neurology, 2007, 64, 1436. | 4.5 | 143 |
| 122 | Structural variants identified by Oxford Nanopore PromethION sequencing of the human genome. Genome Research, 2019, 29, 1178-1187. | 5.5 | 143 |
| 123 | A novel GABRG2 mutation associated with febrile seizures. Neurology, 2006, 67, 687-690. | 1.1 | 142 |
| 124 | Earlyâ€onset Alzheimer's disease in 2 large Belgian families. Neurology, 1991, 41, 62-62. | 1.1 | 141 |
| 125 | Common variants in Alzheimerâ€™s disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417. | 12.8 | 140 |
| 126 | Glucocorticoid Receptor Gene-Based SNP Analysis in Patients with Recurrent Major Depression. Neuropsychopharmacology, 2006, 31, 620-627. | 5.4 | 139 |

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|---|---|---|---|
| 127 | Current status on Alzheimer disease molecular genetics: from past, to present, to future. Human Molecular Genetics, 2010, 19, R4-R11. | 2.9 | 138 |
| 128 | Mutational analysis of the MPZ, PMP22 and Cx32 genes in patients of Spanish ancestry with Charcot-Marie-Tooth disease and hereditary neuropathy with liability to pressure palsies. Human Genetics, 1997, 99, 746-754. | 3.8 | 137 |
| 129 | Variant Alzheimer's disease with spastic paraparesis and cotton wool plaques is caused by PS-1 mutations that lead to exceptionally high amyloid-? concentrations. Annals of Neurology, 2000, 48, 806-808. | 5.3 | 135 |
| 130 | Nonfibrillar diffuse amyloid deposition due to a gamma42-secretase site mutation points to an essential role for N-truncated Abeta42 in Alzheimer's disease. Human Molecular Genetics, 2000, 9, 2589-2598. | 2.9 | 135 |
| 131 | Association between COMT (Val158Met) functional polymorphism and early onset in patients with major depressive disorder in a European multicenter genetic association study. Molecular Psychiatry, 2005, 10, 598-605. | 7.9 | 134 |
| 132 | Reduced functional brain activity response in cognitively intact apolipoprotein E Îµ4 carriers. Brain, 2006, 129, 1240-1248. | 7.6 | 133 |
| 133 | Lrrk2 R1441C parkinsonism is clinically similar to sporadic Parkinson disease. Neurology, 2008, 70, 1456-1460. | 1.1 | 132 |
| 134 | The role of ABCA7 in Alzheimerâ€™s disease: evidence from genomics, transcriptomics and methylomics. Acta Neuropathologica, 2019, 138, 201-220. | 7.7 | 132 |
| 135 | Molecular genetics of Alzheimer's disease. Annals of Medicine, 1998, 30, 560-565. | 3.8 | 131 |
| 136 | CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. Human Molecular Genetics, 2008, 17, 313-322. | 2.9 | 131 |
| 137 | Origin of the de novo duplication in Charcot â€” Marie â€” Tooth disease type 1A: unequal nonsister chromatid exchange during spermatogenesis. Human Molecular Genetics, 1993, 2, 2031-2035. | 2.9 | 130 |
| 138 | APOE genotype does not modulate age of onset in families with chromosome 14 encoded Alzheimer's disease. Neuroscience Letters, 1994, 169, 179-180. | 2.1 | 130 |
| 139 | The apolipoprotein E Îµ2 allele is associated with an increased risk of earlyâ€onset alzheimer's disease and a reduced survival. Annals of Neurology, 1995, 37, 605-610. | 5.3 | 129 |
| 140 | Granulin mutations associated with frontotemporal lobar degeneration and related disorders: An update. Human Mutation, 2008, 29, 1373-1386. | 2.5 | 126 |
| 141 | Loss of ALS-associated TDP-43 in zebrafish causes muscle degeneration, vascular dysfunction, and reduced motor neuron axon outgrowth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4986-4991. | 7.1 | 126 |
| 142 | Spinocerebellar ataxia type 7 associated with pigmentary retinal dystrophy. European Journal of Human Genetics, 2004, 12, 2-15. | 2.8 | 124 |
| 143 | Mutations in ABCA7 in a Belgian cohort of Alzheimer's disease patients: a targeted resequencing study. Lancet Neurology, The, 2015, 14, 814-822. | 10.2 | 124 |
| 144 | Estimation of the size of the chromosome 17p11.2 duplication in Charcot-Marie-Tooth neuropathy type 1a (CMT1a). HMSN Collaborative Research Group.. Journal of Medical Genetics, 1992, 29, 5-11. | 3.2 | 123 |

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|---|---|---|---|
| 145 | TMEM106B is a genetic modifier of frontotemporal lobar degeneration with C9orf72 hexanucleotide repeat expansions. Acta Neuropathologica, 2014, 127, 407-418. | 7.7 | 123 |
| 146 | The pursuit of susceptibility genes for Alzheimer's disease: progress and prospects. Trends in Genetics, 2010, 26, 84-93. | 6.7 | 122 |
| 147 | Pathological mechanisms underlying TDP-43 driven neurodegeneration in FTLD-ALS spectrum disorders. Human Molecular Genetics, 2013, 22, R77-R87. | 2.9 | 122 |
| 148 | Autosornal recessive hereditary motor and sensory neuropathy with focally folded myelin sheaths. Neurology, 1996, 46, 1318-1318. | 1.1 | 121 |
| 149 | Rescue of Progranulin Deficiency Associated with Frontotemporal Lobar Degeneration by Alkalizing Reagents and Inhibition of Vacuolar ATPase. Journal of Neuroscience, 2011, 31, 1885-1894. | 3.6 | 121 |
| 150 | Large-scale replication and heterogeneity in Parkinson disease genetic loci. Neurology, 2012, 79, 659-667. | 1.1 | 119 |
| 151 | A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions inC9orf72reveals marked differences in results among 14 laboratories. Journal of Medical Genetics, 2014, 51, 419-424. | 3.2 | 118 |
| 152 | A Genome Wide Search for Susceptibility Loci in Three European Malignant Hyperthermia Pedigrees. Human Molecular Genetics, 1997, 6, 953-961. | 2.9 | 117 |
| 153 | Câ€terminal neurogranin is increased in cerebrospinal fluid but unchanged in plasma in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 1461-1469. | 0.8 | 117 |
| 154 | Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. Human Mutation, 2007, 28, 416-416. | 2.5 | 116 |
| 155 | Transmission and ageâ€atâ€onset patterns in familial Alzheimer's disease. Neurology, 1990, 40, 395-395. | 1.1 | 115 |
| 156 | Estrogen use and early onset Alzheimer's disease: a population-based study. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 67, 779-781. | 1.9 | 114 |
| 157 | Relationship between C9orf72 repeat size and clinical phenotype. Current Opinion in Genetics and Development, 2017, 44, 117-124. | 3.3 | 114 |
| 158 | WT1 MUTATION IN MALIGNANT MESOTHELIOMA AND WT1 IMMUNOREACTIVITY IN RELATION TOp53 AND GROWTH FACTOR RECEPTOR EXPRESSION, CELL-TYPE TRANSITION, AND PROGNOSIS. , 1997, 181, 67-74. | | 112 |
| 159 | The influence of apoe status on episodic and semantic memory: Data from a population-based study.. Neuropsychology, 2006, 20, 645-657. | 1.3 | 112 |
| 160 | Reduced hippocampal volume in non-demented carriers of the apolipoprotein E É›4: Relation to chronological age and recognition memory. Neuroscience Letters, 2006, 396, 23-27. | 2.1 | 112 |
| 161 | Amyloid precursor protein gene mutation in early-onset Alzheimer's disease. Lancet, The, 1991, 337, 978. | 13.7 | 110 |
| 162 | Rapid screening of myelin genes in CMT1 patients by SSCP analysis: identification of new mutations and polymorphisms in the P0 gene. Human Genetics, 1994, 94, 653-657. | 3.8 | 110 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Prospective Belgian study of neurodegenerative and vascular dementia: APOE genotype effects. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 1148-1151. | 1.9 | 110 |
| 164 | No association of CSF biomarkers with APOEÂ4, plaque and tangle burden in definite Alzheimer's disease. Brain, 2007, 130, 2320-2326. | 7.6 | 110 |
| 165 | Loss of progranulin function in frontotemporal lobar degeneration. Trends in Genetics, 2008, 24, 186-194. | 6.7 | 110 |
| 166 | TMEM106B is associated with frontotemporal lobar degeneration in a clinically diagnosed patient cohort. Brain, 2011, 134, 808-815. | 7.6 | 110 |
| 167 | Dense-Core Senile Plaques in the Flemish Variant of Alzheimer's Disease Are Vasocentric. American Journal of Pathology, 2002, 161, 507-520. | 3.8 | 108 |
| 168 | Genetic and Clinical Features of Progranulin-Associated Frontotemporal Lobar Degeneration. Archives of Neurology, 2011, 68, 488. | 4.5 | 108 |
| 169 | Association of short-term cognitive decline and MCI-to-AD dementia conversion with CSF, MRI, amyloid- and 18F-FDG-PET imaging. NeuroImage: Clinical, 2019, 22, 101771. | 2.7 | 108 |
| 170 | Twinkle and POLG defects enhance age-dependent accumulation of mutations in the control region of mtDNA. Nucleic Acids Research, 2004, 32, 3053-3064. | 14.5 | 107 |
| 171 | Genetic variability in the mitochondrial serine proteaseHTRA2contributes to risk for Parkinson disease. Human Mutation, 2008, 29, 832-840. | 2.5 | 107 |
| 172 | Nonviral transfection of distinct types of human dendritic cells: high-efficiency gene transfer by electroporation into hematopoietic progenitor- but not monocyte-derived dendritic cells. Gene Therapy, 1998, 5, 700-707. | 4.5 | 105 |
| 173 | Central visual, acoustic, and motor pathway involvement in a Charcot-Marie-Tooth family with an Asn205Ser mutation in the connexin 32Âgene. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 66, 202-206. | 1.9 | 105 |
| 174 | Genetics of personality: are we making progress?. Molecular Psychiatry, 2003, 8, 840-852. | 7.9 | 104 |
| 175 | Tau negative frontal lobe dementia at 17q21: significant finemapping of the candidate region to a 4.8 cM interval. Molecular Psychiatry, 2002, 7, 1064-1074. | 7.9 | 103 |
| 176 | PRNP Val129 homozygosity increases risk for earlyâ€onset Alzheimer's disease. Annals of Neurology, 2003, 53, 409-412. | 5.3 | 103 |
| 177 | Genome-wide haplotype association study identifies the FRMD4A gene as a risk locus for Alzheimer's disease. Molecular Psychiatry, 2013, 18, 461-470. | 7.9 | 103 |
| 178 | Cellular ageing, increased mortality and FTLDâ€TDPâ€associated neuropathology in progranulin knockout mice. Journal of Pathology, 2012, 228, 67-76. | 4.5 | 102 |
| 179 | A major SNP haplotype of the arginine vasopressin 1B receptor protects against recurrent major depression. Molecular Psychiatry, 2004, 9, 287-292. | 7.9 | 101 |
| 180 | Stress granule mediated protein aggregation and underlying gene defects in the FTD-ALS spectrum. Neurobiology of Disease, 2020, 134, 104639. | 4.4 | 101 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Parental origin and germline mosaicism of deletions and duplications of the dystrophin gene: a European study. Human Genetics, 1992, 88, 249-257. | 3.8 | 100 |
| 182 | Behavioral Disturbances without Amyloid Deposits in Mice Overexpressing Human Amyloid Precursor Protein with Flemish (A692G) or Dutch (E693Q) Mutation. Neurobiology of Disease, 2000, 7, 9-22. | 4.4 | 100 |
| 183 | Belgian Fabry Study. Stroke, 2010, 41, 863-868. | 2.0 | 99 |
| 184 | Association of Brain-Specific Tryptophan Hydroxylase, TPH2, With Unipolar and Bipolar Disorder in a Northern Swedish, Isolated Population. Archives of General Psychiatry, 2006, 63, 1103. | 12.3 | 98 |
| 185 | SORL1 is genetically associated with increased risk for late-onset Alzheimer disease in the Belgian population. Human Mutation, 2008, 29, 769-770. | 2.5 | 98 |
| 186 | Amyloid precursor protein mutation E682K at the alternative Î²â€secretase cleavage Î²â€²â€site increases AÎ² generation. EMBO Molecular Medicine, 2011, 3, 291-302. | 6.9 | 97 |
| 187 | Presenile Alzheimer dementia characterized by amyloid angiopathy and large amyloid core type senile plaques in the APP 692Alaâ†'Gly mutation. Acta Neuropathologica, 1998, 96, 253-260. | 7.7 | 96 |
| 188 | Presenilins Mutated at Asp-257 or Asp-385 Restore Pen-2 Expression and Nicastrin Glycosylation but Remain Catalytically Inactive in the Absence of Wild Type Presenilin. Journal of Biological Chemistry, 2003, 278, 43430-43436. | 3.4 | 96 |
| 189 | A 22â€single nucleotide polymorphism Alzheimer's disease risk score correlates with family history, onset age, and cerebrospinal fluid AÎ²<sub>42</sub>. Alzheimer's and Dementia, 2015, 11, 1452-1460. | 0.8 | 96 |
| 190 | A multi-centre clinico-genetic analysis of the VPS35 gene in Parkinson disease indicates reduced penetrance for disease-associated variants. Journal of Medical Genetics, 2012, 49, 721-726. | 3.2 | 94 |
| 191 | Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. Acta Neuropathologica, 2014, 128, 397-410. | 7.7 | 93 |
| 192 | Recent advances in the diagnosis of malignant hyperthermia susceptibility: How confident can we be of genetic testing?. European Journal of Human Genetics, 2003, 11, 342-348. | 2.8 | 92 |
| 193 | Altered deactivation in individuals with genetic risk for Alzheimer's disease. Neuropsychologia, 2008, 46, 1679-1687. | 1.6 | 92 |
| 194 | APOE influences on neuropsychological function after mild head injury. Neurology, 2004, 62, 1963-1966. | 1.1 | 91 |
| 195 | 2nd Workshop of the European CMT Consortium: 53rd ENMC International Workshop on Classification and Diagnostic Guidelines for Charcot-Marie-Tooth Type 2 (CMT2â€"HMSN II) and Distal Hereditary Motor Neuropathy (Distal HMNâ€"Spinal CMT). Neuromuscular Disorders, 1998, 8, 426-431. | 0.6 | 89 |
| 196 | A Belgian ancestral haplotype harbours a highly prevalent mutation for 17q21-linked tau-negative FTLD. Brain, 2006, 129, 841-852. | 7.6 | 88 |
| 197 | Apolipoprotein E genotype in patients with alzheimer's disease: Implications for the risk of dementia among relatives. Annals of Neurology, 1995, 38, 797-808. | 5.3 | 87 |
| 198 | TBK1 Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Human Mutation, 2017, 38, 297-309. | 2.5 | 87 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | APOE and the risk of PD with or without dementia in a population-based study. Neurology, 2000, 54, 1272-1276. | 1.1 | 86 |
| 200 | Clinical features ofTBK1carriers compared withC9orf72,GRNand non-mutation carriers in a Belgian cohort. Brain, 2016, 139, 452-467. | 7.6 | 86 |
| 201 | ATXN2 trinucleotide repeat length correlates with risk of ALS. Neurobiology of Aging, 2017, 51, 178.e1-178.e9. | 3.1 | 86 |
| 202 | Power of selective genotyping in genetic association analyses of quantitative traits. Behavior Genetics, 2000, 30, 141-146. | 2.1 | 85 |
| 203 | Progranulin locus deletion in frontotemporal dementia. Human Mutation, 2008, 29, 53-58. | 2.5 | 85 |
| 204 | Distinct Clinical Characteristics of C9orf72 Expansion Carriers Compared With GRN, MAPT, and Nonmutation Carriers in a Flanders-Belgian FTLD Cohort. JAMA Neurology, 2013, 70, 365. | 9.0 | 85 |
| 205 | Screening for the Î²-amyloid precursor protein mutation (APP717: Val â†' Ile) in extended pedigrees with early onset Alzheimer's disease. Neuroscience Letters, 1991, 129, 134-135. | 2.1 | 84 |
| 206 | Aberrant Splicing in the Presenilin-1 Intron 4 Mutation Causes Presenile Alzheimer's Disease by Increased AÂ42 Secretion. Human Molecular Genetics, 1999, 8, 1529-1540. | 2.9 | 84 |
| 207 | Clinical heterogeneity in 3 unrelated families linked to VCP p.Arg159His. Neurology, 2009, 73, 626-632. | 1.1 | 84 |
| 208 | Lack of replication of thirteen single-nucleotide polymorphisms implicated in Parkinson's disease: a large-scale international study. Lancet Neurology, The, 2006, 5, 917-923. | 10.2 | 83 |
| 209 | Overexpression of ALS-Associated p.M337V Human TDP-43 in Mice Worsens Disease Features Compared to Wild-type Human TDP-43 Mice. Molecular Neurobiology, 2013, 48, 22-35. | 4.0 | 83 |
| 210 | A comprehensive study of the genetic impact of rare variants in SORL1 in European early-onset Alzheimerâ€™s disease. Acta Neuropathologica, 2016, 132, 213-224. | 7.7 | 83 |
| 211 | Genomic architecture of human 17q21 linked to frontotemporal dementia uncovers a highly homologous family of low-copy repeats in the tau region. Human Molecular Genetics, 2005, 14, 1753-1762. | 2.9 | 82 |
| 212 | Degeneration of ingestion-related brainstem nuclei in spinocerebellar ataxia type 2, 3, 6 and 7. Neuropathology and Applied Neurobiology, 2006, 32, 635-649. | 3.2 | 82 |
| 213 | Diagnostic Accuracy of Cerebrospinal Fluid Amyloid-Î² Isoforms for Early and Differential Dementia Diagnosis. Journal of Alzheimer's Disease, 2015, 45, 813-822. | 2.6 | 82 |
| 214 | The Cerebrospinal Fluid AÎ²1â€“42/AÎ²1â€“40 Ratio Improves Concordance with Amyloid-PET for Diagnosing Alzheimerâ€™s Disease in a Clinical Setting. Journal of Alzheimer's Disease, 2017, 60, 561-576. | 2.6 | 82 |
| 215 | Linkage and mutation analysis of Charcotâ€Marieâ€Tooth neuropathy type 2 families with chromosomes 1p35â€p36 and Xq13. Neurology, 1996, 46, 1311-1311. | 1.1 | 81 |
| 216 | Endocytic disturbances distinguish among subtypes of alzheimer's disease and related disorders. Annals of Neurology, 2001, 50, 661-665. | 5.3 | 80 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Novel variants of major drug-metabolising enzyme genes in diverse African populations and their predicted functional effects. Human Genomics, 2009, 3, 169. | 2.9 | 80 |
| 218 | An integrated YAC-overlap and â€˜cosmid-pocketâ€™ map of the human chromosome 21. Human Molecular Genetics, 1994, 3, 759-770. | 2.9 | 79 |
| 219 | Molecular genetic analysis of autosomal dominant cerebellar ataxia with retinal degeneration (ADCA) Tj ETQq1 1 0.784314 rgBT /Ove | 2.9 | 79 |
| 220 | Cerebrospinal Fluid AÎ²1-40 Improves Differential Dementia Diagnosis in Patients with Intermediate P-tau181P Levels. Journal of Alzheimer's Disease, 2013, 36, 759-767. | 2.6 | 79 |
| 221 | Screening for mutations in the peripheral myelin genesPMP22,MPZ andCx32 (GJB1) in Russian Charcot-Marie-Tooth neuropathy patients. Human Mutation, 2000, 15, 340-347. | 2.5 | 78 |
| 222 | Serotonin transporter 5HTTLPR polymorphism and affective disorders: no evidence of association in a large European multicenter study. European Journal of Human Genetics, 2004, 12, 377-382. | 2.8 | 78 |
| 223 | Genetic variability in the regulatory region of presenilin 1 associated with risk for Alzheimer's disease and variable expression. Human Molecular Genetics, 2000, 9, 325-331. | 2.9 | 77 |
| 224 | Both common variations and rare non-synonymous substitutions and small insertion/deletions in CLU are associated with increased Alzheimer risk. Molecular Neurodegeneration, 2012, 7, 3. | 10.8 | 77 |
| 225 | Association analysis of the 5-HT2C receptor and 5-HT transporter genes in bipolar disorder. American Journal of Medical Genetics Part A, 1997, 74, 504-506. | 2.4 | 76 |
| 226 | Transcriptional regulation of Alzheimer's disease genes: implications for susceptibility. Human Molecular Genetics, 2000, 9, 2383-2394. | 2.9 | 76 |
| 227 | Genetic risk and transcriptional variability of amyloid precursor protein in Alzheimer's disease. Brain, 2006, 129, 2984-2991. | 7.6 | 76 |
| 228 | Apolipoprotein E and Carotid Artery Atherosclerosis. Stroke, 2001, 32, 1947-1952. | 2.0 | 75 |
| 229 | Genetic findings in Parkinsonâ€™s disease and translation into treatment: a leading role for mitochondria?. Genes, Brain and Behavior, 2008, 7, 129-151. | 2.2 | 75 |
| 230 | Progranulin expression correlates with denseâ€core amyloid plaque burden in Alzheimer disease mouse models. Journal of Pathology, 2009, 219, 173-181. | 4.5 | 75 |
| 231 | A Presenilin-1 Truncating Mutation Is Present in Two Cases with Autopsy-Confirmed Early-Onset Alzheimer Disease. American Journal of Human Genetics, 1998, 62, 70-76. | 6.2 | 74 |
| 232 | Apolipoprotein E genotype and association between smoking and early onset Alzheimer's disease. BMJ: British Medical Journal, 1995, 310, 627-631. | 2.3 | 74 |
| 233 | A Linkage Map of Human Chromosome 21: 43 PCR Markers at Average Intervals of 2.5 cM. Genomics, 1993, 16, 562-571. | 2.9 | 73 |
| 234 | Linkage analysis of families with bipolar illness and chromosome 18 markers. Biological Psychiatry, 1996, 39, 679-688. | 1.3 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | DLB and PDD: a role for mutations in dementia and Parkinson disease genes?. Neurobiology of Aging, 2012, 33, 629.e5-629.e18. | 3.1 | 73 |
| 236 | Peripheral myelin protein-22 expression in charcot-marie-tooth disease type 1a sural nerve biopsies. Journal of Neuroscience Research, 1994, 37, 654-659. | 2.9 | 72 |
| 237 | Apolipoprotein E gene and sporadic frontal lobe dementia. Neurology, 1997, 48, 1526-1529. | 1.1 | 72 |
| 238 | Tau (MAPT) mutation Arg406Trp presenting clinically with Alzheimer disease does not share a common founder in Western Europe. Human Mutation, 2003, 22, 409-411. | 2.5 | 72 |
| 239 | Patient homozygous for a recessive POLG mutation presents with features of MERRF. Neurology, 2003, 61, 1811-1813. | 1.1 | 72 |
| 240 | Genetic association of CR1 with Alzheimer's disease: A tentative disease mechanism. Neurobiology of Aging, 2012, 33, 2949.e5-2949.e12. | 3.1 | 72 |
| 241 | Newest Methods for Detecting Structural Variations. Trends in Biotechnology, 2019, 37, 973-982. | 9.3 | 72 |
| 242 | Cerebral amyloid angiopathy is a pathogenic lesion in Alzheimer's disease due to a novel presenilin 1 mutation. Brain, 2001, 124, 2383-2392. | 7.6 | 70 |
| 243 | Octapeptide repeat insertions in the prion protein gene and early onset dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1166-1170. | 1.9 | 70 |
| 244 | An intronic VNTR affects splicing of ABCA7 and increases risk of Alzheimerâ€™s disease. Acta Neuropathologica, 2018, 135, 827-837. | 7.7 | 68 |
| 245 | Genotypeâ€“phenotype links in frontotemporal lobar degeneration. Nature Reviews Neurology, 2018, 14, 363-378. | 10.1 | 68 |
| 246 | Association study of bipolar disorder with candidate genes involved in catecholamine neurotransmission: DRD2, DRD3, DAT1, and TH genes. , 1996, 67, 551-555. | | 67 |
| 247 | Juvenile open angle glaucoma: fine mapping of the TIGR gene to 1q24.3-q25.2 and mutation analysis. Human Genetics, 1998, 102, 103-106. | 3.8 | 67 |
| 248 | Neuronal inclusion protein TDP-43 has no primary genetic role in FTD and ALS. Neurobiology of Aging, 2009, 30, 1329-1331. | 3.1 | 67 |
| 249 | Distal hereditary motor neuropathy type II (distal HMN II): mapping of a locus to chromosome 12q24. Human Molecular Genetics, 1996, 5, 1065-1069. | 2.9 | 66 |
| 250 | Tryptophan hydroxylase polymorphism and suicidality in unipolar and bipolar affective disorders: a multicenter association study. Biological Psychiatry, 2001, 49, 405-409. | 1.3 | 66 |
| 251 | A new locus for autosomal dominant Charcot-Marie-Tooth disease type 2 (CMT2F) maps to chromosome 7q11-q21. European Journal of Human Genetics, 2001, 9, 646-650. | 2.8 | 66 |
| 252 | Frontotemporal Lobar Degeneration: Current Concepts in the Light of Recent Advances. Brain Pathology, 2007, 17, 104-114. | 4.1 | 66 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Parkinson disease: Insights in clinical, genetic and pathological features of monogenic disease subtypes. Journal of Chemical Neuroanatomy, 2011, 42, 131-141. | 2.1 | 65 |
| 254 | C9orf72 G4C2 repeat expansions in Alzheimer's disease and mild cognitive impairment. Neurobiology of Aging, 2013, 34, 1712.e1-1712.e7. | 3.1 | 65 |
| 255 | Normal pregnancy after preimplantation DNA diagnosis of a dystrophin gene deletion. Prenatal Diagnosis, 1995, 15, 351-358. | 2.3 | 64 |
| 256 | Dose dependent effect of APOE É›4 on behavioral symptoms in frontal lobe dementia. Neurobiology of Aging, 2006, 27, 285-292. | 3.1 | 64 |
| 257 | Current Insights into Molecular Mechanisms of Alzheimer Disease and Their Implications for Therapeutic Approaches. Neurodegenerative Diseases, 2007, 4, 349-365. | 1.4 | 64 |
| 258 | Microglial Upregulation of Progranulin as a Marker of Motor Neuron Degeneration. Journal of Neuropathology and Experimental Neurology, 2010, 69, 1191-1200. | 1.7 | 64 |
| 259 | MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. Alzheimer's Research and Therapy, 2018, 10, 100. | 6.2 | 64 |
| 260 | 5-HT2a receptor polymorphism gene in bipolar disorder and harm avoidance personality trait. American Journal of Medical Genetics Part A, 2000, 96, 360-364. | 2.4 | 63 |
| 261 | Genes and loci involved in febrile seizures and related epilepsy syndromes. Human Mutation, 2006, 27, 391-401. | 2.5 | 63 |
| 262 | Assignment of X-linked hydrocephalus to Xq28 by linkage analysis. Genomics, 1990, 8, 367-370. | 2.9 | 62 |
| 263 | Non-replication of the brain-derived neurotrophic factor (BDNF) association in bipolar affective disorder: A Belgian patient-control study. American Journal of Medical Genetics Part A, 2004, 129B, 34-35. | 2.4 | 62 |
| 264 | Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. Human Mutation, 2006, 27, 888-896. | 2.5 | 62 |
| 265 | The EMIF-AD Multimodal Biomarker Discovery study: design, methods and cohort characteristics. Alzheimer's Research and Therapy, 2018, 10, 64. | 6.2 | 62 |
| 266 | Genome-wide association interaction analysis for Alzheimer's disease. Neurobiology of Aging, 2014, 35, 2436-2443. | 3.1 | 61 |
| 267 | 242 Breakpoints in the 200-kb deletion-prone P20 region of the DMD gene are widely spread. Genomics, 1991, 10, 631-639. | 2.9 | 60 |
| 268 | Identification of a 5' splice site mutation in the PMP-22 gene in autosomal dominant Charcotâ€"Marieâ€" Tooth disease type 1. Human Molecular Genetics, 1994, 3, 515-516. | 2.9 | 60 |
| 269 | The Î±2-macroglobulin gene in AD. Neurology, 2000, 55, 678-684. | 1.1 | 60 |
| 270 | Binding Partners of Alzheimer's Disease Proteins: Are They Physiologically Relevant?. Neurobiology of Disease, 2000, 7, 135-151. | 4.4 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Digenic progressive external ophthalmoplegia in a sporadic patient: Recessive mutations inPOLGandC10orf2/Twinkle. Human Mutation, 2003, 22, 175-176. | 2.5 | 60 |
| 272 | Familial clustering and genetic risk for dementia in a genetically isolated Dutch population. Brain, 2004, 127, 1641-1649. | 7.6 | 60 |
| 273 | Progranulin Mutations in Ubiquitin-Positive Frontotemporal Dementia Linked to Chromosome 17q21. Current Alzheimer Research, 2006, 3, 485-491. | 1.4 | 60 |
| 274 | Investigating the role of ALS genes CHCHD10 and TUBA4A in Belgian FTD-ALS spectrum patients. Neurobiology of Aging, 2017, 51, 177.e9-177.e16. | 3.1 | 60 |
| 275 | Mutilating neuropathic ulcerations in a chromosome 3q13-q22 linked Charcot-Marie-Tooth disease type 2B family.. Journal of Neurology, Neurosurgery and Psychiatry, 1997, 62, 570-573. | 1.9 | 59 |
| 276 | Spinocerebellar ataxia type 7 (SCA7) â€“ correlations between phenotype and genotype in one large Belgian family. Journal of the Neurological Sciences, 1999, 168, 37-46. | 0.6 | 59 |
| 277 | Invited Article: The Alzheimer diseaseâ€“frontotemporal lobar degeneration spectrum. Neurology, 2008, 71, 1191-1197. | 1.1 | 59 |
| 278 | The apolipoprotein E ?4 allele does not influence the clinical expression of the amyloid precursor protein gene codon 693 or 692 mutations. Annals of Neurology, 1994, 36, 434-437. | 5.3 | 58 |
| 279 | Serum apolipoprotein E level is not increased in Alzheimer's disease: the Rotterdam study. Neuroscience Letters, 1998, 248, 21-24. | 2.1 | 58 |
| 280 | The corticotropin-releasing hormone binding protein is associated with major depression in a population from Northern Sweden. Biological Psychiatry, 2003, 54, 867-872. | 1.3 | 58 |
| 281 | Relative contribution of simple mutations vs. copy number variations in five Parkinson disease genes in the Belgian population. Human Mutation, 2009, 30, 1054-1061. | 2.5 | 58 |
| 282 | Mechanisms of Granulin Deficiency: Lessons from Cellular and Animal Models. Molecular Neurobiology, 2013, 47, 337-360. | 4.0 | 58 |
| 283 | ApoE genotype is a risk factor in nonpresenilin early-onset alzheimer's disease families. American Journal of Medical Genetics Part A, 1998, 81, 117-121. | 2.4 | 57 |
| 284 | De novo KCNQ2 mutations in patients with benign neonatal seizures. Neurology, 2004, 63, 2155-2158. | 1.1 | 57 |
| 285 | Cholesterol and Triglycerides Moderate the Effect of Apolipoprotein E on Memory Functioning in Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2007, 62, P112-P118. | 3.9 | 57 |
| 286 | Increased risk of dementia following mild head injury for carriers but not for non-carriers of the APOE Îµ4 allele. International Psychogeriatrics, 2007, 19, 159. | 1.0 | 57 |
| 287 | Increased caspase activation and decreased TDPâ€43 solubility in progranulin knockout cortical cultures. Journal of Neurochemistry, 2010, 115, 735-747. | 3.9 | 57 |
| 288 | TDP-43 Loss-of-Function Causes Neuronal Loss Due to Defective Steroid Receptor-Mediated Gene Program Switching in Drosophila. Cell Reports, 2013, 3, 160-172. | 6.4 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | High-level transgene expression in primary human T lymphocytes and adult bone marrow CD34+ cells via electroporation-mediated gene delivery. Gene Therapy, 2000, 7, 1431-1437. | 4.5 | 56 |
| 290 | Messenger RNA Electroporation of Human Monocytes, Followed by Rapid In Vitro Differentiation, Leads to Highly Stimulatory Antigen-Loaded Mature Dendritic Cells. Journal of Immunology, 2002, 169, 1669-1675. | 0.8 | 56 |
| 291 | A novel locus for dementia with Lewy bodies: a clinically and genetically heterogeneous disorder. Brain, 2007, 130, 2277-2291. | 7.6 | 56 |
| 292 | A large-scale genetic association study to evaluate the contribution of Omi/HtrA2 (PARK13) to Parkinson's disease. Neurobiology of Aging, 2011, 32, 548.e9-548.e18. | 3.1 | 56 |
| 293 | Global investigation and meta-analysis of the C9orf72 (G <sub>4</sub> C <sub>2</sub> ) <sub>n</sub> repeat in Parkinson disease. Neurology, 2014, 83, 1906-1913. | 1.1 | 56 |
| 294 | Shared genetic contribution to ischemic stroke and Alzheimer's disease. Annals of Neurology, 2016, 79, 739-747. | 5.3 | 56 |
| 295 | Clinical Evidence of Disease Anticipation in Families Segregating a C9orf72 Repeat Expansion. JAMA Neurology, 2017, 74, 445. | 9.0 | 56 |
| 296 | Novel locus on chromosome 12q22-q23.3 responsible for familial temporal lobe epilepsy associated with febrile seizures. Journal of Medical Genetics, 2004, 41, 710-714. | 3.2 | 55 |
| 297 | Tau is central in the genetic Alzheimerâ€“frontotemporal dementia spectrum. Trends in Genetics, 2005, 21, 664-672. | 6.7 | 55 |
| 298 | EFNS guidelines on the molecular diagnosis of mitochondrial disorders. European Journal of Neurology, 2009, 16, 1255-1264. | 3.3 | 55 |
| 299 | Plasma phosphorylated TDP-43 levels are elevated in patients with frontotemporal dementia carrying a C9orf72 repeat expansion or a GRN mutation. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 684-691. | 1.9 | 55 |
| 300 | PMP22 Thr(118)Met: recessive CMT1 mutation or polymorphism?. Nature Genetics, 1997, 15, 13-14. | 21.4 | 54 |
| 301 | Systematic genetic study of Alzheimer disease in Latin America: Mutation frequencies of the amyloid ? precursor protein and presenilin genes in Colombia. American Journal of Medical Genetics Part A, 2001, 103, 138-143. | 2.4 | 54 |
| 302 | Proteasome degrades soluble expanded polyglutamine completely and efficiently. Neurobiology of Disease, 2004, 16, 202-211. | 4.4 | 54 |
| 303 | The CALHM1 P86L Polymorphism is a Genetic Modifier of Age at Onset in Alzheimer's Disease: a Meta-Analysis Study. Journal of Alzheimer's Disease, 2010, 22, 247-255. | 2.6 | 54 |
| 304 | Juvenile dystonia-parkinsonism and dementia caused by a novel ATP13A2 frameshift mutation. Parkinsonism and Related Disorders, 2011, 17, 135-138. | 2.2 | 54 |
| 305 | Identification of a de novo insertional mutation in Po in a patient with a DÃ©jÃ©rine - Sottas syndrome (DSS) phenotype. Human Molecular Genetics, 1994, 3, 1701-1702. | 2.9 | 53 |
| 306 | Expanded trinucleotide CAG repeats in families with bipolar affective disorder. Biological Psychiatry, 1997, 42, 1115-1122. | 1.3 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | Chromosome workshop: Chromosomes 11, 14, and 15. American Journal of Medical Genetics Part A, 1999, 88, 244-254. | 2.4 | 53 |
| 308 | Identification of caspases that cleave presenilin-1 and presenilin-2. FEBS Letters, 1999, 445, 149-154. | 2.8 | 53 |
| 309 | mRNA-electroporated mature dendritic cells retain transgene expression, phenotypical properties and stimulatory capacity after cryopreservation. Leukemia, 2002, 16, 1324-1330. | 7.2 | 53 |
| 310 | Deleterious ABCA7 mutations and transcript rescue mechanisms in early onset Alzheimerâ€™s disease. Acta Neuropathologica, 2017, 134, 475-487. | 7.7 | 53 |
| 311 | Primary and secondary structure of the 18S ribosomal RNA of the bird spider Eurypelma californica and evolutionary relationships among eukaryotic phyla. FEBS Journal, 1988, 177, 15-20. | 0.2 | 53 |
| 312 | Detection of the CMT1A/HNPP recombination hotspot in unrelated patients of European descent.. Journal of Medical Genetics, 1997, 34, 43-49. | 3.2 | 52 |
| 313 | Intraneuronal amyloid Î² and reduced brain volume in a novel APP T714I mouse model for Alzheimer's disease. Neurobiology of Aging, 2008, 29, 241-252. | 3.1 | 52 |
| 314 | APPandBACE1miRNA genetic variability has no major role in risk for Alzheimer disease. Human Mutation, 2009, 30, 1207-1213. | 2.5 | 52 |
| 315 | The Genetics of Dementia With Lewy Bodies. Archives of Neurology, 2012, 69, 1113-8. | 4.5 | 52 |
| 316 | Presentation of amyloidosis in carriers of the codon 692 mutation in the amyloid precursor protein gene (APP692). Brain, 2000, 123, 2130-2140. | 7.6 | 51 |
| 317 | Excess of allele1 for Î±3 subunit GABA receptor gene (GABRA3) in bipolar patients: a multicentric association study. Molecular Psychiatry, 2002, 7, 201-207. | 7.9 | 51 |
| 318 | Epistatic effect of genes from the dopamine and serotonin systems on the temperament traits of Novelty Seeking and Harm Avoidance. Molecular Psychiatry, 2002, 7, 448-450. | 7.9 | 51 |
| 319 | Genomewide Scan for Affective Disorder Susceptibility Loci in Families of a Northern Swedish Isolated Population. American Journal of Human Genetics, 2005, 76, 237-248. | 6.2 | 51 |
| 320 | EFNS guidelines on the molecular diagnosis of neurogenetic disorders: general issues, Huntingtonâ€™s disease, Parkinsonâ€™s disease and dystonias. European Journal of Neurology, 2009, 16, 777-785. | 3.3 | 51 |
| 321 | Apolipoprotein E genotype and progression of Alzheimer's disease: the Rotterdam Study. Journal of Neurology, 1999, 246, 304-308. | 3.6 | 50 |
| 322 | Positive association of dopamine D2 receptor polymorphism with bipolar affective disorder in a European multicenter association study of affective disorders. American Journal of Medical Genetics Part A, 2002, 114, 177-185. | 2.4 | 50 |
| 323 | Diffusion Kurtosis Imaging: A Possible MRI Biomarker for AD Diagnosis?. Journal of Alzheimer's Disease, 2015, 48, 937-948. | 2.6 | 50 |
| 324 | Genetic association of the presenilin-1 regulatory region with early-onset Alzheimer's disease in a population-based sample. European Journal of Human Genetics, 1999, 7, 801-806. | 2.8 | 49 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | EFNS guidelines on the molecular diagnosis of ataxias and spastic paraplegias. European Journal of Neurology, 2010, 17, 179-188. | 3.3 | 49 |
| 326 | Apolipoprotein E genotype, atherosclerosis, and cognitive decline: the Rotterdam study. Journal of Neural Transmission Supplementum, 1998, 53, 17-29. | 0.5 | 49 |
| 327 | Evidence That AÎ²42 Plasma Levels in Presenilin-1 Mutation Carriers Do not Allow for Prediction of Their Clinical Phenotype. Neurobiology of Disease, 1999, 6, 280-287. | 4.4 | 48 |
| 328 | Linkage and Association Studies Identify a Novel Locus for Alzheimer Disease at 7q36 in a Dutch Population-Based Sample. American Journal of Human Genetics, 2005, 77, 643-652. | 6.2 | 48 |
| 329 | <scp>TARDBP</scp> mutation p.<scp>I</scp>le383<scp>V</scp>al associated with semantic dementia and complex proteinopathy. Neuropathology and Applied Neurobiology, 2014, 40, 225-230. | 3.2 | 48 |
| 330 | The Glu318Gly Substitution in Presenilin 1 Is Not Causally Related to Alzheimer Disease. American Journal of Human Genetics, 1999, 64, 290-292. | 6.2 | 47 |
| 331 | Identification and localization of ataxin-7 in brain and retina of a patient with cerebellar ataxia type II using anti-peptide antibody. Molecular Brain Research, 1999, 74, 35-43. | 2.3 | 47 |
| 332 | Amyloid Î² secretase gene (BACE) is neither mutated in nor associated with early-onset Alzheimer's disease. Neuroscience Letters, 2001, 313, 105-107. | 2.1 | 47 |
| 333 | The impact of APOE on myocardial infarction, stroke, and dementia. Neurology, 2004, 62, 1196-1198. | 1.1 | 47 |
| 334 | Ataxin-7 aggregation and ubiquitination in infantile SCA7 with 180 CAG repeats. Annals of Neurology, 2004, 56, 448-452. | 5.3 | 47 |
| 335 | Fatigue before and after mild traumatic brain injury: Preâ€“post-injury comparisons in relation toApolipoproteinE. Brain Injury, 2007, 21, 1049-1054. | 1.2 | 47 |
| 336 | Genetic variant in theHSPB1 promoter region impairs the HSP27 stress response. Human Mutation, 2007, 28, 830-830. | 2.5 | 47 |
| 337 | Association study of cholesterol-related genes in Alzheimerâ€™s disease. Neurogenetics, 2007, 8, 179-188. | 1.4 | 47 |
| 338 | Founder mutation p.R1441C in the leucine-rich repeat kinase 2 gene in Belgian Parkinson's disease patients. European Journal of Human Genetics, 2008, 16, 471-479. | 2.8 | 47 |
| 339 | Polymorphism of brain derived neurotrophic factor influences Î² amyloid load in cognitively intact apolipoprotein E Îµ4 carriers. NeuroImage: Clinical, 2013, 2, 512-520. | 2.7 | 47 |
| 340 | NanoSatellite: accurate characterization of expanded tandem repeat length and sequence through whole genome long-read sequencing on PromethION. Genome Biology, 2019, 20, 239. | 8.8 | 47 |
| 341 | Identification of 2 Loci at Chromosomes 9 and 14 in a Multiplex Family With Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis. Archives of Neurology, 2010, 67, 606-16. | 4.5 | 47 |
| 342 | Refinement of the hereditary neuralgic amyotrophy (HNA) locus to chromosome 17q24-q25. Human Genetics, 1997, 99, 685-687. | 3.8 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | Dutch hereditary cerebral amyloid angiopathy: Structural lesions and apolipoprotein E genotype. Annals of Neurology, 1997, 41, 695-698. | 5.3 | 46 |
| 344 | Genetic heterogeneity in autosomal recessive hereditary motor and sensory neuropathy with focally folded myelin sheaths (CMT4B). Neurology, 1998, 50, 799-801. | 1.1 | 46 |
| 345 | Diffusion kurtosis imaging to detect amyloidosis in an APP/PS1 mouse model for Alzheimer's disease. Magnetic Resonance in Medicine, 2013, 69, 1115-1121. | 3.0 | 46 |
| 346 | Reduced secreted clusterin as a mechanism for Alzheimer-associated CLU mutations. Molecular Neurodegeneration, 2015, 10, 30. | 10.8 | 46 |
| 347 | The Cerebrospinal Fluid Neurogranin/BACE1 Ratio is a Potential Correlate of Cognitive Decline in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 53, 1523-1538. | 2.6 | 46 |
| 348 | Mutated ATP10B increases Parkinsonâ€™s disease risk by compromising lysosomal glucosylceramide export. Acta Neuropathologica, 2020, 139, 1001-1024. | 7.7 | 46 |
| 349 | Association of ataxin-7 with the proteasome subunit S4 of the 19S regulatory complex. Human Molecular Genetics, 2001, 10, 2821-2831. | 2.9 | 45 |
| 350 | The Gene Encoding Nicastrin, a Major Î³-Secretase Component, Modifies Risk for Familial Early-Onset Alzheimer Disease in a Dutch Population-Based Sample. American Journal of Human Genetics, 2002, 70, 1568-1574. | 6.2 | 45 |
| 351 | A novel CpG-associated brain-expressed candidate gene for chromosome 18q-linked bipolar disorder. Molecular Psychiatry, 2003, 8, 83-89. | 7.9 | 45 |
| 352 | Alzheimer-associated C allele of the promoter polymorphism -22C>T causes a critical neuron-specific decrease of presenilin 1 expression. Human Molecular Genetics, 2003, 12, 869-877. | 2.9 | 45 |
| 353 | Characterization of Ubiquitinated Intraneuronal Inclusions in a Novel Belgian Frontotemporal Lobar Degeneration Family. Journal of Neuropathology and Experimental Neurology, 2006, 65, 289-301. | 1.7 | 45 |
| 354 | Amyloid Pathology Influences AÎ²1-42 Cerebrospinal Fluid Levels in Dementia with Lewy Bodies. Journal of Alzheimer's Disease, 2013, 35, 137-146. | 2.6 | 45 |
| 355 | Genetic perspective on the synergistic connection between vesicular transport, lysosomal and mitochondrial pathways associated with Parkinsonâ€™s disease pathogenesis. Acta Neuropathologica Communications, 2020, 8, 63. | 5.2 | 45 |
| 356 | No association between bipolar affective disorder and a serotonin receptor (5-HT2A) polymorphism. Psychiatry Research, 1997, 70, 65-69. | 3.3 | 44 |
| 357 | Pregnancy after preimplantation genetic diagnosis for Charcot-Marie- Tooth disease type 1A. Molecular Human Reproduction, 1998, 4, 978-984. | 2.8 | 44 |
| 358 | Influence of the prion protein and the apolipoprotein E genotype on the Creutzfeldtâ€“Jakob Disease phenotype. Neuroscience Letters, 2001, 313, 69-72. | 2.1 | 44 |
| 359 | Gene-based cancer vaccines: an ex vivo approach. Leukemia, 2001, 15, 545-558. | 7.2 | 44 |
| 360 | In Vitro Studies of Flemish, Dutch, and Wild-Type Î²-Amyloid Provide Evidence for Two-Staged Neurotoxicity. Neurobiology of Disease, 2002, 11, 330-340. | 4.4 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 361 | A novel locus for hereditary spastic paraplegia with thin corpus callosum and epilepsy. Neurology, 2006, 66, 1230-1234. | 1.1 | 44 |
| 362 | Mutation screening of the tau gene in patients with early-onset Alzheimer's disease. Neuroscience Letters, 1999, 277, 137-139. | 2.1 | 43 |
| 363 | Identification of the Tumor Metastasis Suppressor Nm23-H1/Nm23-R1 as a Constituent of the Centrosome. Experimental Cell Research, 2001, 262, 145-153. | 2.6 | 43 |
| 364 | Early cognitive decline is associated with prion protein codon 129 polymorphism. Annals of Neurology, 2003, 54, 275-276. | 5.3 | 43 |
| 365 | Promoter DNA methylation regulates progranulin expression and is altered in FTLD. Acta Neuropathologica Communications, 2013, 1, 16. | 5.2 | 43 |
| 366 | A novel CHCHD10 mutation implicates a Mia40â€dependent mitochondrial import deficit in ALS. EMBO Molecular Medicine, 2018, 10, . | 6.9 | 43 |
| 367 | Primary and secondary structure of the 18 S ribosomal RNA of the insect speciesTenebrio molitor. FEBS Letters, 1988, 232, 115-120. | 2.8 | 42 |
| 368 | Cloning and sequence analysis of the gene encoding human lymphocyte prolyl endopeptidase. Gene, 1994, 149, 363-366. | 2.2 | 42 |
| 369 | The betaA4 Amyloid Precursor Protein Gene and Alzheimer's Disease. FEBS Journal, 1996, 237, 6-15. | 0.2 | 42 |
| 370 | The effect of APOE on dementia is not through atherosclerosis: The Rotterdam Study. Neurology, 1999, 53, 1593-1593. | 1.1 | 42 |
| 371 | Nucleoside Diphosphate Kinase Î² (Nm23-R1/NDPKÎ²) Is Associated with Intermediate Filaments and Becomes Upregulated upon cAMP-Induced Differentiation of Rat C6 Glioma. Experimental Cell Research, 2000, 261, 127-138. | 2.6 | 42 |
| 372 | No association of PGRN 3â€²UTR rs5848 in frontotemporal lobar degeneration. Neurobiology of Aging, 2011, 32, 754-755. | 3.1 | 42 |
| 373 | Identification and description of three families with familial Alzheimer disease that segregate variants in the SORL1 gene. Acta Neuropathologica Communications, 2017, 5, 43. | 5.2 | 42 |
| 374 | Diagnostic value of cerebrospinal fluid tau, neurofilament, and progranulin in definite frontotemporal lobar degeneration. Alzheimer's Research and Therapy, 2018, 10, 31. | 6.2 | 42 |
| 375 | Genome-wide association study of Alzheimerâ€™s disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. Translational Psychiatry, 2020, 10, 403. | 4.8 | 42 |
| 376 | Linkage analysis of distal hereditary motor neuropathy type II (distal HMN II) in a single pedigree. Journal of the Neurological Sciences, 1992, 109, 41-48. | 0.6 | 41 |
| 377 | European Collaborative Project on Affective Disorders. Psychiatric Genetics, 1998, 8, 197-205. | 1.1 | 41 |
| 378 | Gene-based SNP genetic association study of the corticotropin-releasing hormone receptor-2 (CRHR2) in major depression. American Journal of Medical Genetics Part A, 2002, 114, 222-226. | 2.4 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 379 | Progressive External Ophthalmoplegia Characterized by Multiple Deletions of Mitochondrial DNA: Unraveling the Pathogenesis of Human Mitochondrial DNA Instability and the Initiation of a Genetic Classification. NeuroMolecular Medicine, 2003, 3, 129-146. | 3.4 | 41 |
| 380 | Genetics of Early-Onset Alzheimer Dementia. Scientific World Journal, The, 2003, 3, 497-519. | 2.1 | 40 |
| 381 | Polymorphisms in the prion protein gene and in the doppel gene increase susceptibility for Creutzfeldtâ€“Jakob disease. European Journal of Human Genetics, 2004, 12, 389-394. | 2.8 | 40 |
| 382 | Major affective disorders and schizophrenia: a common molecular signature?. Human Mutation, 2006, 27, 833-853. | 2.5 | 40 |
| 383 | Frameshift proteins in autosomal dominant forms of Alzheimer disease and other tauopathies. Neurology, 2006, 66, S86-92. | 1.1 | 40 |
| 384 | Molecular Pathways of Frontotemporal Lobar Degeneration. Annual Review of Neuroscience, 2010, 33, 71-88. | 10.7 | 39 |
| 385 | APOE Îµ4 is associated with longer telomeres, and longer telomeres among Îµ4 carriers predicts worse episodic memory. Neurobiology of Aging, 2012, 33, 335-344. | 3.1 | 39 |
| 386 | A C6orf10/LOC101929163 locus is associated with age of onset in C9orf72 carriers. Brain, 2018, 141, 2895-2907. | 7.6 | 39 |
| 387 | Age and the association between apolipoprotein E genotype and Alzheimer disease: A cerebrospinal fluid biomarkerâ€“based caseâ€“control study. PLoS Medicine, 2020, 17, e1003289. | 8.4 | 39 |
| 388 | Prenatal diagnosis of charcot-marie-tooth disease type 1a (CMT1A) using molecular genetic techniques. Prenatal Diagnosis, 1995, 15, 633-640. | 2.3 | 38 |
| 389 | The â^'491 A/T polymorphism in the regulatory region of the Apolipoprotein E gene and early-onset Alzheimer's disease. Neuroscience Letters, 1998, 258, 65-68. | 2.1 | 38 |
| 390 | A European multicenter association study ofHTR2A receptor polymorphism in bipolar affective disorder. , 2000, 96, 136-140. | | 38 |
| 391 | A mutation in codon 717 of the amyloid precursor protein gene in an Australian family with Alzheimer's disease. Neuroscience Letters, 1995, 199, 183-186. | 2.1 | 37 |
| 392 | Hereditary cerebral hemorrhage with amyloidosis dutch type (AÎ²PP 693): decreased plasma amyloid-Î² 42 concentration. Neurobiology of Disease, 2003, 14, 619-623. | 4.4 | 37 |
| 393 | The serotonin transporter promoter repeat length polymorphism, seasonal affective disorder and seasonality. Psychological Medicine, 2003, 33, 785-792. | 4.5 | 37 |
| 394 | TDP-43 as a possible biomarker for frontotemporal lobar degeneration: a systematic review of existing antibodies. Acta Neuropathologica Communications, 2015, 3, 15. | 5.2 | 37 |
| 395 | Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. Acta Neuropathologica, 2019, 137, 901-918. | 7.7 | 37 |
| 396 | A novel homozygous missense mutation in the myotubularin-related protein 2 gene associated with recessive Charcotâ€“Marieâ€“Tooth disease with irregularly folded myelin sheaths. Neuromuscular Disorders, 2002, 12, 869-873. | 0.6 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 397 | A novel susceptibility locus at 2p24 for generalised epilepsy with febrile seizures plus. Journal of Medical Genetics, 2005, 42, 947-952. | 3.2 | 36 |
| 398 | A Study of the SORL1 Gene in Alzheimer's Disease and Cognitive Function. Journal of Alzheimer's Disease, 2009, 18, 51-64. | 2.6 | 36 |
| 399 | Explorative genetic study of UBQLN2 and PFN1 in an extended Flanders-Belgian cohort of frontotemporal lobar degeneration patients. Neurobiology of Aging, 2013, 34, 1711.e1-1711.e5. | 3.1 | 36 |
| 400 | Comparison of Single-Strand Conformation Polymorphism and Heteroduplex Analysis for Detection of Mutations in Charcot-Marie-Tooth Type 1 Disease and Related Peripheral Neuropathies. European Journal of Human Genetics, 1996, 4, 329-333. | 2.8 | 36 |
| 401 | Mutations in the myelin protein zero gene associated with Charcot-Marie-Tooth disease type 1B. Human Mutation, 1995, 6, 50-54. | 2.5 | 35 |
| 402 | Analysis of the tyrosine hydroxylase and dopamine D4 receptor genes in a Croatian sample of bipolar I and unipolar patients. , 1997, 74, 176-178. | | 35 |
| 403 | Report of the chromosome 18 workshop. , 1999, 88, 263-270. | | 35 |
| 404 | Longitudinal Stability of Cerebrospinal Fluid Biomarker Levels: Fulfilled Requirement for Pharmacodynamic Markers in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 33, 807-822. | 2.6 | 35 |
| 405 | Role for ATXN1, ATXN2, and HTT intermediate repeats in frontotemporal dementia and Alzheimer's disease. Neurobiology of Aging, 2020, 87, 139.e1-139.e7. | 3.1 | 35 |
| 406 | Genetic refinement of the hereditary neuralgic amyotrophy (HNA) locus at chromosome 17q25. European Journal of Human Genetics, 1999, 7, 920-927. | 2.8 | 34 |
| 407 | Molecular genetics and biology of inherited peripheral neuropathies: a fast-moving field. Neurogenetics, 1999, 2, 137-148. | 1.4 | 34 |
| 408 | Phosphatidylinositol 3-kinase activity is required for the expression of glial fibrillary acidic protein upon cAMP-dependent induction of differentiation in rat C6 glioma. Journal of Neurochemistry, 2001, 76, 610-618. | 3.9 | 34 |
| 409 | Gene therapy: principles and applications to hematopoietic cells. Leukemia, 2001, 15, 523-544. | 7.2 | 34 |
| 410 | Genetic variability in SQSTM1 and risk of early-onset Alzheimer dementia: a European early-onset dementia consortium study. Neurobiology of Aging, 2015, 36, 2005.e15-2005.e22. | 3.1 | 34 |
| 411 | Mutations in glucocerebrosidase are a major genetic risk factor for Parkinsonâ€™s disease and increase susceptibility to dementia in a Flanders-Belgian cohort. Neuroscience Letters, 2016, 629, 160-164. | 2.1 | 34 |
| 412 | Identification of hypervariable single locus minisatellite DNA probes in the blue tit Parus caeruleus. Molecular Ecology, 1994, 3, 137-143. | 3.9 | 33 |
| 413 | Positive Association between the GABRA5 Gene and Unipolar Recurrent Major Depression. Neuropsychobiology, 1997, 36, 62-64. | 1.9 | 33 |
| 414 | Corticotropin-releasing factor-binding protein, stress and major depression. Ageing Research Reviews, 2005, 4, 213-239. | 10.9 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 415 | HTR2C (cys23ser) polymorphism influences early onset in bipolar patients in a large European multicenter association study. Molecular Psychiatry, 2007, 12, 797-798. | 7.9 | 33 |
| 416 | Spinocerebellar ataxia type 7 (SCA7): widespread brain damage in an adultâ€onset patient with progressive visual impairments in comparison with an adultâ€onset patient without visual impairments. Neuropathology and Applied Neurobiology, 2008, 34, 155-168. | 3.2 | 33 |
| 417 | Involvement of the auditory brainstem system in spinocerebellar ataxia type 2 (SCA2), type 3 (SCA3) and type 7 (SCA7). Neuropathology and Applied Neurobiology, 2008, 34, 479-491. | 3.2 | 33 |
| 418 | Neurodegenerative parkinsonism and progressive external ophthalmoplegia with a Twinkle mutation. Movement Disorders, 2009, 24, 308-309. | 3.9 | 33 |
| 419 | Follow-Up Study of Susceptibility Loci for Alzheimer's Disease and Onset Age Identified by Genome-Wide Association. Journal of Alzheimer's Disease, 2010, 19, 1169-1175. | 2.6 | 33 |
| 420 | <sup>18</sup>Fâ€FDG PET, the early phases and the delivery rate of <sup>18</sup>Fâ€AV45 PET as proxies of cerebral blood flow in Alzheimer's disease: Validation against <sup>15</sup>Oâ€H<sub>2</sub>O PET. Alzheimer's and Dementia, 2019, 15, 1172-1182. | 0.8 | 33 |
| 421 | Insight into the genetic etiology of Alzheimer's disease: A comprehensive review of the role of rare variants. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12155. | 2.4 | 33 |
| 422 | Deletion in the CMT1A locus on chromosome 17p11.2 in hereditary neuropathy with liability to pressure palsies. Annals of Neurology, 1994, 35, 704-708. | 5.3 | 32 |
| 423 | Why female crested tits copulate repeatedly with the same partner: evidence for the mate assessment hypothesis. Behavioral Ecology, 1997, 8, 87-91. | 2.2 | 32 |
| 424 | Proteolytic processing of presenilin-1 (PS-1) is not associated with Alzheimer's disease with or without PS-1 mutations. FEBS Letters, 1997, 418, 162-166. | 2.8 | 32 |
| 425 | Mutation analysis of the connexin 32 (Cx32) gene in charcot-marie-tooth neuropathy type 1: Identification of five new mutations. Human Mutation, 1997, 9, 47-52. | 2.5 | 32 |
| 426 | Familial Creutzfeldt-Jakob disease in a patient carrying both a presenilin 1 missense substitution and a prion protein gene insertion. Journal of Neurology, 2000, 247, 364-368. | 3.6 | 32 |
| 427 | No implication of brain-derived neurotrophic factor (BDNF) gene in unipolar affective disorder: Evidence from Belgian first and replication patientâ€“control studies. European Neuropsychopharmacology, 2005, 15, 491-495. | 0.7 | 32 |
| 428 | Ataxin-2 polyQ expansions in FTLD-ALS spectrum disorders in Flanders-Belgian cohorts. Neurobiology of Aging, 2012, 33, 1004.e17-1004.e20. | 3.1 | 32 |
| 429 | NEK1 genetic variability in a Belgian cohort of ALS and ALS-FTD patients. Neurobiology of Aging, 2018, 61, 255.e1-255.e7. | 3.1 | 32 |
| 430 | Longer Leukocyte Telomere Length Is Associated with Smaller Hippocampal Volume among Non-Demented APOE Îµ3/Îµ3 Subjects. PLoS ONE, 2012, 7, e34292. | 2.5 | 32 |
| 431 | Processing of presenilin 1 in brains of patients with AlzheimerÊ¼s disease and controls. NeuroReport, 1997, 8, 1717-1721. | 1.2 | 31 |
| 432 | SNPbox: a modular software package for large-scale primer design. Bioinformatics, 2005, 21, 385-387. | 4.1 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 433 | Association of cyclin-dependent kinase 5 and neuronal activators p35 and p39 complex in early-onset Alzheimer's disease. Neurobiology of Aging, 2005, 26, 1145-1151. | 3.1 | 31 |
| 434 | Phenotypical characterization of Î±-galactosidase A gene mutations identified in a large Fabry disease screening program in stroke in the young. Clinical Neurology and Neurosurgery, 2013, 115, 1088-1093. | 1.4 | 31 |
| 435 | The Duffy blood group is linked to the Î±-spectrin locus in a large pedigree with autosomal dominant inheritance of Charcot-Marie-Tooth disease type 1. Human Genetics, 1988, 78, 76-78. | 3.8 | 30 |
| 436 | Linkage and mutation analysis in an extended family with Charcot-Marie-Tooth disease type 1B.. Journal of Medical Genetics, 1994, 31, 811-815. | 3.2 | 30 |
| 437 | The UBQLN1 polymorphism, UBQ-8i, at 9q22 is not associated with Alzheimer's disease with onset before 70 years. Neuroscience Letters, 2006, 392, 72-74. | 2.1 | 30 |
| 438 | Parietal cortex activation predicts memory decline in apolipoprotein E-Îµ1Îµ4 carriers. NeuroReport, 2006, 17, 1683-1686. | 1.2 | 30 |
| 439 | Common variation inGRB-associated Binding Protein 2 (GAB2)and increased risk for Alzheimer dementia. Human Mutation, 2009, 30, E338-E344. | 2.5 | 30 |
| 440 | 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 |
| 441 | Clinical, neuropathological, and genetic characterization of STUB1 variants in cerebellar ataxias: a frequent cause of predominant cognitive impairment. Genetics in Medicine, 2020, 22, 1851-1862. | 2.4 | 30 |
| 442 | Molecular genetic analysis of the 17p11.2 region in patients with hereditary neuropathy with liability to pressure palsies (HNPP). Human Genetics, 1996, 97, 26-34. | 3.8 | 29 |
| 443 | APOE epsilon4 and Alzheimer's disease: positive association in a Colombian clinical series and review of the Latin-American studies. Arquivos De Neuro-Psiquiatria, 2001, 59, 11-17. | 0.8 | 29 |
| 444 | Associations between common arginine vasopressin 1b receptor and glucocorticoid receptor gene variants and HPA axis responses to psychosocial stress in a child psychiatric population. Psychiatry Research, 2010, 179, 64-68. | 3.3 | 29 |
| 445 | EFNS guidelines for the molecular diagnosis of neurogenetic disorders: motoneuron, peripheral nerve and muscle disorders. European Journal of Neurology, 2011, 18, 207-217. | 3.3 | 29 |
| 446 | Phenotypic characteristics of Alzheimer patients carrying an ABCA7 mutation. Neurology, 2016, 86, 2126-2133. | 1.1 | 29 |
| 447 | Functional Changes in the Language Network in Response to Increased Amyloid Î² Deposition in Cognitively Intact Older Adults. Cerebral Cortex, 2016, 26, 358-373. | 2.9 | 29 |
| 448 | Evidence for Allelic Heterogeneity in Familial Early-Onset Alzheimer's Disease. British Journal of Psychiatry, 1991, 158, 471-474. | 2.8 | 28 |
| 449 | Immunoreactivity for p53 and mdm2 and the detection of p53 mutations in human malignant mesothelioma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1995, 427, 431-436. | 2.8 | 28 |
| 450 | Linkage of mood disorders with D2, D3 and TH genes: a multicenter study. Journal of Affective Disorders, 2000, 58, 51-61. | 4.1 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 451 | Pathology of early-onset Alzheimer's disease cases bearing the Thr113-114ins presenilin-1 mutation. Brain, 2000, 123, 2467-2474. | 7.6 | 28 |
| 452 | Near-Hanging as Presenting to Hospitals in Queensland: Recommendations for Practice. Anaesthesia and Intensive Care, 2006, 34, 736-745. | 0.7 | 28 |
| 453 | Genetic and physical characterization of the early-onset Alzheimer's disease AD3 locus on chromosome 14q24.3. Human Molecular Genetics, 1995, 4, 1355-1364. | 2.9 | 27 |
| 454 | Two Sequence-Ready Contigs Spanning the Two Copies of a 200-kb Duplication on Human 21q: Partial Sequence and Polymorphisms. Genomics, 1998, 51, 417-426. | 2.9 | 27 |
| 455 | PCR-based strategy for the diagnosis of hereditary neuropathy with liability to pressure palsies and Charcot-Marie-Tooth disease type 1A. Neurology, 1998, 50, 760-763. | 1.1 | 27 |
| 456 | Autosomal dominant burning feet syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 67, 78-81. | 1.9 | 27 |
| 457 | Molecular Interpretation of Expanded RED Products in Bipolar Disorder by CAG/CTG Repeats Located at Chromosomes 17q and 18q. Neurobiology of Disease, 1999, 6, 424-432. | 4.4 | 27 |
| 458 | A novel 3â€²-splice site mutation in peripheral myelin protein 22 causing hereditary neuropathy with liability to pressure palsies. Neuromuscular Disorders, 2001, 11, 400-403. | 0.6 | 27 |
| 459 | Effect of the APOE-491A/T promoter polymorphism on apolipoprotein E levels and risk of Alzheimer disease: The Rotterdam Study. American Journal of Medical Genetics Part A, 2002, 114, 570-573. | 2.4 | 27 |
| 460 | APOE genotyping in differential diagnosis of Alzheimer's disease. Lancet, The, 1996, 348, 334. | 13.7 | 26 |
| 461 | A linkage study between bipolar disorder and genes involved in dopaminergic and GABAergic neurotransmission. Psychiatric Genetics, 1996, 6, 67-74. | 1.1 | 26 |
| 462 | The genotype 2/2 of the presenilin-1 polymorphism is decreased in Spanish early-onset Alzheimer's disease. Neuroscience Letters, 1997, 227, 201-204. | 2.1 | 26 |
| 463 | Amyloid-Î²-protein isoforms in brain of subjects with PS1-linked, Î²APP-linked and sporadic Alzheimer disease. Molecular Brain Research, 1998, 56, 178-185. | 2.3 | 26 |
| 464 | Charcot-Marie-Tooth disease: an intermediate form. Neuromuscular Disorders, 1998, 8, 392-393. | 0.6 | 26 |
| 465 | Hereditary Neuralgic Amyotrophy (HNA) is genetically heterogeneous. Journal of Neurology, 2001, 248, 861-865. | 3.6 | 26 |
| 466 | Apolipoprotein E4 in the temporal variant of frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 72, 820-820. | 1.9 | 26 |
| 467 | Novel APP mutation V715A associated with presenile Alzheimer?s disease in a German family. Journal of Neurology, 2003, 250, 1374-1375. | 3.6 | 26 |
| 468 | Parametric and nonparametric genome scan analyses for human handedness. European Journal of Human Genetics, 2003, 11, 779-783. | 2.8 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 469 | Response to Loss-of-Function Mutation in Tryptophan Hydroxylase-2 Identified in Unipolar Major Depression. Neuron 45, 11â€“16. Neuron, 2005, 48, 704. | 8.1 | 26 |
| 470 | TMEM106B a Novel Risk Factor for Frontotemporal Lobar Degeneration. Journal of Molecular Neuroscience, 2011, 45, 516-521. | 2.3 | 26 |
| 471 | Clinicopathological description of two cases with SQSTM1 gene mutation associated with frontotemporal dementia. Neuropathology, 2016, 36, 27-38. | 1.2 | 26 |
| 472 | Modifiers of GRN -Associated Frontotemporal Lobar Degeneration. Trends in Molecular Medicine, 2017, 23, 962-979. | 6.7 | 26 |
| 473 | Mapping of the gene for X-linked liver glycogenosis due to phosphorylase kinase deficiency to human chromosome region Xp22. Genomics, 1991, 9, 565-569. | 2.9 | 25 |
| 474 | SNPbox: web-based high-throughput primer design from gene to genome. Nucleic Acids Research, 2004, 32, W170-W172. | 14.5 | 25 |
| 475 | Islands of euchromatin-like sequence and expressed polymorphic sequences within the short arm of human chromosome 21. Genome Research, 2007, 17, 1690-1696. | 5.5 | 25 |
| 476 | No association betweenCALHM1and risk for Alzheimer dementia in a Belgian population. Human Mutation, 2009, 30, E570-E574. | 2.5 | 25 |
| 477 | Frontotemporal lobar degenerationâ€”building on breakthroughs. Nature Reviews Neurology, 2014, 10, 70-72. | 10.1 | 25 |
| 478 | Large-scale assessment of polyglutamine repeat expansions in Parkinson disease. Neurology, 2015, 85, 1283-1292. | 1.1 | 25 |
| 479 | Progressive external ophthalmoplegia and multiple mitochondrial DNA deletions. Acta Neurologica Belgica, 2002, 102, 39-42. | 1.1 | 25 |
| 480 | Immunoreactivity of Presenilin-1 and Tau in Alzheimer's Disease Brain. Experimental Neurology, 1998, 149, 341-348. | 4.1 | 24 |
| 481 | Alzheimer's Disease Associated Presenilin 1 Interacts with HC5 and ZETA, Subunits of the Catalytic 20S Proteasome. Neurobiology of Disease, 1999, 6, 376-391. | 4.4 | 24 |
| 482 | APOLIPOPROTEIN E AND LONGEVITY: THE ROTTERDAM STUDY. Journal of the American Geriatrics Society, 2001, 49, 1258-1259. | 2.6 | 24 |
| 483 | The cystatin C polymorphism is not associated with early onset Alzheimerâ€™s disease. Neurology, 2001, 57, 366-367. | 1.1 | 24 |
| 484 | European combined analysis of the CTG18.1 and the ERDA1 CAG/CTG repeats in bipolar disorder. European Journal of Human Genetics, 2002, 10, 276-280. | 2.8 | 24 |
| 485 | Patient-control association study of substance P-related genes in unipolar and bipolar affective disorders. International Journal of Neuropsychopharmacology, 2005, 8, 505. | 2.1 | 24 |
| 486 | Functional complementation in Drosophila to predict the pathogenicity of TARDBP variants: evidence for a loss-of-function mechanism. Neurobiology of Aging, 2015, 36, 1121-1129. | 3.1 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 487 | A truncating mutation in Alzheimer's disease inactivates neuroligin-1 synaptic function. Neurobiology of Aging, 2015, 36, 3171-3175. | 3.1 | 24 |
| 488 | Male-specific epistasis between WWC1 and TLN2 genes is associated with Alzheimer's disease. Neurobiology of Aging, 2018, 72, 188.e3-188.e12. | 3.1 | 24 |
| 489 | Non-motor symptoms in a Flanders-Belgian population of 215 Parkinson's disease patients as assessed by the Non-Motor Symptoms Questionnaire. American Journal of Neurodegenerative Disease, 2012, 1, 160-7. | 0.1 | 24 |
| 490 | Linkage analysis of bipolar illness with X-chromosome DNA markers: A susceptibility gene in Xq27-q28 cannot be excluded. American Journal of Medical Genetics Part A, 1994, 54, 411-419. | 2.4 | 23 |
| 491 | Further evidence supporting linkage of hereditary neuralgic amyotrophy to chromosome 17q. Neurology, 1997, 48, 1719-1721. | 1.1 | 23 |
| 492 | Refinement of the locus for autosomal dominant cerebellar ataxia type II to chromosome 3p21.1-14.1. Human Genetics, 1997, 99, 225-232. | 3.8 | 23 |
| 493 | Risk of Left Ventricular Dysfunction in Patients with Probable Alzheimer's Disease with APOE*4 Allele. Journal of the American Geriatrics Society, 1998, 46, 962-967. | 2.6 | 23 |
| 494 | A High-Resolution Physical Map of Human Chromosome 21p Using Yeast Artificial Chromosomes. Genome Research, 1999, 9, 1059-1073. | 5.5 | 23 |
| 495 | Regional Localization of the Human Epithelial Membrane Protein Genes 1, 2, and 3 (EMP1, EMP2, EMP3) to 12p12.3, 16p13.2, and 19q13.3. Genomics, 1999, 58, 106-108. | 2.9 | 23 |
| 496 | Primary and secondary structure of the 18S ribosomal RNA of the bird spider Eurypelma californica and evolutionary relationships among eukaryotic phyla. FEBS Journal, 1988, 177, 15-20. | 0.2 | 23 |
| 497 | Progranulin variability has no major role in Parkinson disease genetic etiology. Neurology, 2008, 71, 1147-1151. | 1.1 | 23 |
| 498 | Role of sepiapterin reductase gene at the PARK3 locus in Parkinson's disease. Neurobiology of Aging, 2011, 32, 2108.e1-2108.e5. | 3.1 | 23 |
| 499 | Rare Variants inPLD3Do Not Affect Risk for Early-Onset Alzheimer Disease in a European Consortium Cohort. Human Mutation, 2015, 36, 1226-1235. | 2.5 | 23 |
| 500 | Familial primary lateral sclerosis or dementia associated with Arg573GlyTBK1mutation. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 996-997. | 1.9 | 23 |
| 501 | Contribution of rare homozygous and compound heterozygous VPS13C missense mutations to dementia with Lewy bodies and Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2021, 9, 25. | 5.2 | 23 |
| 502 | TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. Alzheimer's and Dementia, 2021, 17, 1628-1640. | 0.8 | 23 |
| 503 | Cloning and Characterization of a 135- to 500-kb Region of Homology on the Long Arm of Human Chromosome 21. Genomics, 1994, 22, 472-477. | 2.9 | 22 |
| 504 | Bacterial Contig Map of the 21q11 Region Associated with Alzheimerâ€™s Disease and Abnormal Myelopoiesis in Downâ€‰Syndrome. Genome Research, 1998, 8, 385-398. | 5.5 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 505 | PMP22 Thr118Met is not a clinically relevant CMT1 marker. Journal of Neurology, 2000, 247, 696-700. | 3.6 | 22 |
| 506 | Genetic association between the phospholipase A2 gene and unipolar affective disorder: a multicentre case???control study. Psychiatric Genetics, 2003, 13, 211-220. | 1.1 | 22 |
| 507 | Role of progranulin as a biomarker for Alzheimerâ€™s disease. Biomarkers in Medicine, 2010, 4, 37-50. | 1.4 | 22 |
| 508 | The Use of Biomarkers and Genetic Screening to Diagnose Frontotemporal Dementia: Evidence and Clinical Implications. Frontiers in Neuroscience, 2019, 13, 757. | 2.8 | 22 |
| 509 | Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions: A Molecular Genetic Update. Neurodegenerative Diseases, 2007, 4, 227-235. | 1.4 | 21 |
| 510 | Contribution of VPS35 genetic variability to LBD in the Flanders-Belgian population. Neurobiology of Aging, 2012, 33, 1844.e11-1844.e13. | 3.1 | 21 |
| 511 | Complement receptor 1 coding variant p.Ser1610Thr in Alzheimer's disease and related endophenotypes. Neurobiology of Aging, 2013, 34, 2235.e1-2235.e6. | 3.1 | 21 |
| 512 | Mutated CTSF in adult-onset neuronal ceroid lipofuscinosis and FTD. Neurology: Genetics, 2016, 2, e102. | 1.9 | 21 |
| 513 | A yeast artificial chromosome contig from human chromosome 14q24 spanning the Alzheimer's disease locus AD3. Human Molecular Genetics, 1995, 4, 1347-1354. | 2.9 | 20 |
| 514 | A de novo duplication in 17p11.2 and a novel mutation in the Po gene in two DÃ©jÃ©rineâ€"Sottas syndrome patients. Human Mutation, 1996, 8, 304-310. | 2.5 | 20 |
| 515 | Mortality from hereditary cerebral haemorrhage with amyloidosis--Dutch type. The impact of sex, parental transmission and year of birth. Brain, 1997, 120, 2243-2249. | 7.6 | 20 |
| 516 | Lack of association between the 5HT2A receptor polymorphism (T102C) and unipolar affective disorder in a multicentric European study. European Neuropsychopharmacology, 2003, 13, 365-368. | 0.7 | 20 |
| 517 | Chromosome 10q harbors a susceptibility locus for bipolar disorder in Ashkenazi Jewish families. Molecular Psychiatry, 2008, 13, 442-450. | 7.9 | 20 |
| 518 | Comprehensive Genetic and Mutation Analysis of Familial Dementia with Lewy Bodies Linked to 2q35-q36. Journal of Alzheimer's Disease, 2010, 20, 197-205. | 2.6 | 20 |
| 519 | Genome-Wide Association Study of Alzheimerâ€™s Disease Brain Imaging Biomarkers and Neuropsychological Phenotypes in the European Medical Information Framework for Alzheimerâ€™s Disease Multimodal Biomarker Discovery Dataset. Frontiers in Aging Neuroscience, 2022, 14, 840651. | 3.4 | 20 |
| 520 | Molecular study of chromosome 15 in 22 patients with Angelman syndrome. Human Genetics, 1993, 90, 489-495. | 3.8 | 19 |
| 521 | Localization of a Gene Responsible for Nonspecific Mental Retardation (MRX9) to the Pericentromeric Region of the X Chromosome. Genomics, 1993, 18, 290-294. | 2.9 | 19 |
| 522 | Hereditary neuropathy with liability to pressure palsies with a partial deletion of the region often duplicated in Charcot-Marie-Tooth disease, type 1A.. Journal of Neurology, Neurosurgery and Psychiatry, 1996, 61, 535-536. | 1.9 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 523 | Advances in Charcotâ€“Marieâ€“Tooth Disease Research: Cellular Function of CMT-Related Proteins, Transgenic Animal Models, and Pathomechanisms. Neurobiology of Disease, 1997, 4, 215-220. | 4.4 | 19 |
| 524 | Missense mutation in exon 11 (codon 378) of the presenilin-1 gene in a French family with early-onset Alzheimer's disease and transmission study by mismatch enhanced allele specific amplification. Human Mutation, 1998, 11, 481-481. | 2.5 | 19 |
| 525 | Genetic refinement and physical mapping of a chromosome 18q candidate region for bipolar disorder. European Journal of Human Genetics, 1999, 7, 427-434. | 2.8 | 19 |
| 526 | Trinucleotide repeat expansions: do they contribute to bipolar disorder?. Brain Research Bulletin, 2001, 56, 243-257. | 3.0 | 19 |
| 527 | Genome-wide linkage of febrile seizures and epilepsy to the FEB4 locus at 5q14.3-q23.1 and no MASS1 mutation. Human Genetics, 2006, 118, 618-625. | 3.8 | 19 |
| 528 | The future of genetic research on neurodegeneration. Nature Medicine, 2010, 16, 1215-1217. | 30.7 | 19 |
| 529 | Contribution of TARDBP to Alzheimer's Disease Genetic Etiology. Journal of Alzheimer's Disease, 2010, 21, 423-430. | 2.6 | 19 |
| 530 | Rare nonsynonymous variants in SORT1 are associated with increased risk for frontotemporal dementia. Neurobiology of Aging, 2018, 66, 181.e3-181.e10. | 3.1 | 19 |
| 531 | The Genetics ofC9orf72Expansions. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a026757. | 6.2 | 19 |
| 532 | Uncovering the impact of noncoding variants in neurodegenerative brain diseases. Trends in Genetics, 2022, 38, 258-272. | 6.7 | 19 |
| 533 | Associating Alzheimerâ€™s disease pathology with its cerebrospinal fluid biomarkers. Brain, 2022, 145, 4056-4064. | 7.6 | 19 |
| 534 | X-linked liver glycogenosis: localization and isolation of a candidate gene. Human Molecular Genetics, 1993, 2, 583-589. | 2.9 | 18 |
| 535 | Genetic analysis of the cellular oncogene fos in patients with chromosome 14 encoded Alzheimer's disease. Neuroscience Letters, 1994, 174, 97-100. | 2.1 | 18 |
| 536 | Hereditary motor and sensory neuropathy associated with auditory neuropathy in a Gypsy family. Pflugers Archiv European Journal of Physiology, 2000, 439, r208-r210. | 2.8 | 18 |
| 537 | Associations of leptin with body fat distribution and metabolic parameters in nonâ€”insulin-dependent diabetic patients: No effect of apolipoprotein E polymorphism. Metabolism: Clinical and Experimental, 2000, 49, 724-730. | 3.4 | 18 |
| 538 | Novel PSEN1 Mutation in a Bulgarian Patient With Very Early-Onset Alzheimerâ€™s Disease, Spastic Paraparesis, and Extrapyramidal Signs. American Journal of Alzheimer's Disease and Other Dementias, 2009, 24, 404-407. | 1.9 | 18 |
| 539 | Genetic screening in early-onset dementia patients with unclear phenotype: relevance for clinical diagnosis. Neurobiology of Aging, 2018, 69, 292.e7-292.e14. | 3.1 | 18 |
| 540 | Unusual presentation and clinical variability in Belgian pedigrees with progressive external ophthalmoplegia and multiple deletions of mitochondrial DNA. European Journal of Neurology, 1997, 4, 476-484. | 3.3 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 541 | Absence of mutations in peripheral myelin protein-22, myelin protein zero, and connexin 32 in autosomal recessive Dejerine-Sottas syndrome. Neuroscience Letters, 1998, 240, 1-4. | 2.1 | 17 |
| 542 | Tyrosine hydroxylase polymorphism and phenotypic heterogeneity in bipolar affective disorder: A multicenter association study. , 1999, 88, 527-532. | | 17 |
| 543 | Efficient generation of stably electrotransfected human hematopoietic cell lines without drug selection by consecutive FACsorting. Cytometry, 2000, 41, 31-35. | 1.8 | 17 |
| 544 | Single nucleotide polymorphism analysis of corticotropin-releasing factor-binding protein gene in recurrent major depressive disorder. Psychiatry Research, 2007, 153, 17-25. | 3.3 | 17 |
| 545 | Clinical variability and onset age modifiers in an extended Belgian GRN founder family. Neurobiology of Aging, 2018, 67, 84-94. | 3.1 | 17 |
| 546 | Amyloid-Î²1â€“43 cerebrospinal fluid levels and the interpretation of APP, PSEN1 and PSEN2 mutations. Alzheimer's Research and Therapy, 2020, 12, 108. | 6.2 | 17 |
| 547 | Presenilin mutations in Alzheimer's disease. Human Mutation, 1998, 11, 183-190. | 2.5 | 17 |
| 548 | Excess tyrosine hydroxylase restriction fragment length polymorphism homozygosity in unipolar but not bipolar patients: A preliminary report. Biological Psychiatry, 1996, 40, 305-308. | 1.3 | 16 |
| 549 | A Novel Type of Hereditary Motor and Sensory Neuropathy Characterized by a Mild Phenotype. Archives of Neurology, 1999, 56, 1283. | 4.5 | 16 |
| 550 | Variable expression of presenilin 1 is not a major determinant of risk for late-onset Alzheimer's Disease. Journal of Neurology, 2001, 248, 935-939. | 3.6 | 16 |
| 551 | Genetic Testing Has No Place as a Routine Diagnostic Test in Sporadic and Familial Cases of Alzheimer's Disease. Journal of the American Geriatrics Society, 2004, 52, 2110-2113. | 2.6 | 16 |
| 552 | Nonâ€replication of association for six polymorphisms from metaâ€analysis of genomeâ€wide association studies of Parkinson's disease: Largeâ€scale collaborative study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 220-228. | 1.7 | 16 |
| 553 | Common and rare TBK1 variants in early-onset Alzheimer disease in a European cohort. Neurobiology of Aging, 2018, 62, 245.e1-245.e7. | 3.1 | 16 |
| 554 | Emerging genetic complexity and rare genetic variants in neurodegenerative brain diseases. Genome Medicine, 2021, 13, 59. | 8.2 | 16 |
| 555 | The role of ATP-binding cassette subfamily A in the etiology of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2022, 17, 31. | 10.8 | 16 |
| 556 | The reactions of mercurated pyrimidine nucleotides with thiols and with hydrogen sulfide. Nucleic Acids Research, 1978, 5, 2133-2152. | 14.5 | 15 |
| 557 | Gly341Arg mutation indicating malignant hyperthermia susceptibility:. Journal of the Neurological Sciences, 1998, 154, 62-65. | 0.6 | 15 |
| 558 | A Sequence-Ready BAC/PAC Contig and Partial Transcript Map of Approximately 1.5 Mb in Human Chromosome 17q25 Comprising Multiple Disease Genes. Genomics, 1999, 62, 242-250. | 2.9 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 559 | Genetic Testing Should Not Be Advocated as a Diagnostic Tool in Familial Forms of Dementia. American Journal of Human Genetics, 2000, 67, 1033-1035. | 6.2 | 15 |
| 560 | No supportive evidence for TIA1 gene mutations in a European cohort of ALS-FTD spectrum patients. Neurobiology of Aging, 2018, 69, 293.e9-293.e11. | 3.1 | 15 |
| 561 | D21S215 is a (GT)n polymorphic marker close to centromeric alphoid sequences on chromosome 21. Genomics, 1992, 13, 1365-1367. | 2.9 | 14 |
| 562 | Charcot-Marie-Tooth disease in northern Sweden: pedigree analysis and the presence of the duplication in chromosome 17p11.2.. Journal of Medical Genetics, 1994, 31, 435-441. | 3.2 | 14 |
| 563 | Infantile Demyelinating Neuropathy Associated with a de novo Point Mutation on Ser72 in PMP22 and Basal Lamina Onion Bulbs in Skin Biopsy. Pathology Research and Practice, 2001, 197, 193-198. | 2.3 | 14 |
| 564 | Visualization ofMAPT inversion on stretched chromosomes of tau-negative frontotemporal dementia patients. Human Mutation, 2006, 27, 1057-1059. | 2.5 | 14 |
| 565 | GIGYF2 has no major role in Parkinson genetic etiology in a Belgian population. Neurobiology of Aging, 2011, 32, 308-312. | 3.1 | 14 |
| 566 | Fractal analysis of amyloid plaques in Alzheimer's disease patients and mouse models. Neurobiology of Aging, 2011, 32, 1579-1587. | 3.1 | 14 |
| 567 | The role of mutant TAR DNA-binding protein 43 in amyotrophic lateral sclerosis and frontotemporal lobar degeneration. Biochemical Society Transactions, 2011, 39, 954-959. | 3.4 | 14 |
| 568 | Alphaâ€synuclein repeat variants and survival in Parkinson's disease. Movement Disorders, 2014, 29, 1053-1057. | 3.9 | 14 |
| 569 | Linkage of DNA Markers at Xq28 to Adrenoleukodystrophy and Adrenomyeloneuropathy Present Within the Same Family. Archives of Neurology, 1990, 47, 665-669. | 4.5 | 13 |
| 570 | Identification of chromosome 21 DNA polymorphisms for genetic studies in Alzheimer's disease and Down syndrome. Human Genetics, 1991, 87, 649-653. | 3.8 | 13 |
| 571 | Unique sequence homology in the pericentromeric regions of the long arms of chromosomes 13 and 21. Genomics, 1992, 12, 158-160. | 2.9 | 13 |
| 572 | Identification of a 4 bp deletion (1560de14) in Po gene in a family with severe charcot-Marie-Tooth disease. Human Mutation, 1996, 7, 377-378. | 2.5 | 13 |
| 573 | Mutation analysis of 4 candidate genes for hereditary neuralgic amyotrophy (HNA). Human Genetics, 2001, 108, 390-393. | 3.8 | 13 |
| 574 | Â-Synuclein gene duplications in sporadic Parkinson disease. Neurology, 2008, 70, 7-9. | 1.1 | 13 |
| 575 | Investigating the role of filamin C in Belgian patients with frontotemporal dementia linked to GRN deficiency in FTLD-TDP brains. Acta Neuropathologica Communications, 2015, 3, 68. | 5.2 | 13 |
| 576 | EEG Dominant Frequency Peak Differentiates Between Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration. Journal of Alzheimer's Disease, 2016, 55, 53-58. | 2.6 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 577 | Genetic Alzheimer Disease and Sporadic Dementia With Lewy Bodies: A Comorbidity Presenting as Primary Progressive Aphasia. Cognitive and Behavioral Neurology, 2017, 30, 23-29. | 0.9 | 13 |
| 578 | Neurogranin as biomarker in CSF is non-specific to Alzheimer's disease dementia. Neurobiology of Aging, 2021, 108, 99-109. | 3.1 | 13 |
| 579 | Mutations in the peripheral myelin genes and associated genes in inherited peripheral neuropathies. Human Mutation, 1999, 13, 11. | 2.5 | 13 |
| 580 | Amyloid Precursor Protein A713T Mutation in Calabrian Patients with Alzheimerâ€™s Disease: A Population Genomics Approach to Estimate Inheritance from a Common Ancestor. Biomedicines, 2022, 10, 20. | 3.2 | 13 |
| 581 | PCR detection of two RFLP's at the D21S13 locus. Nucleic Acids Research, 1990, 18, 3672-3672. | 14.5 | 12 |
| 582 | A Contiguous Physical Map of the Pericentromeric Region of Chromosome 21q between D21Z1 and D21S13E. Genomics, 1993, 15, 626-630. | 2.9 | 12 |
| 583 | High-Resolution Physical Mapping of a 6.7-Mb YAC Contig Spanning a Region Critical for the Monosomy 21 Phenotype in 21q21.3â€“q22.1. Genomics, 1997, 43, 25-33. | 2.9 | 12 |
| 584 | An adhesion test system based on Schneider cells to determine genotypeâ€“phenotype correlations for mutated P0 proteins. Genetic Analysis, Techniques and Applications, 1998, 14, 117-119. | 1.5 | 12 |
| 585 | A Second Family with Autosomal Dominant Burning Feet Syndrome. Annals of the New York Academy of Sciences, 1999, 883, 445-448. | 3.8 | 12 |
| 586 | Genomic organisation of the spinocerebellar ataxia type 7 ( SCA7 ) gene responsible for autosomal dominant cerebellar ataxia with retinal degeneration. Human Genetics, 1999, 105, 410-417. | 3.8 | 12 |
| 587 | Allelic distribution of CTG18.1 in Caucasian populations: association studies in bipolar disorder, schizophrenia, and ataxia. Molecular Psychiatry, 2000, 5, 439-442. | 7.9 | 12 |
| 588 | Method to Introduce Stable, Expanded, Polyglutamine-Encoding CAG/CAA Trinucleotide Repeats into CAG Repeat-Containing Genes. BioTechniques, 2001, 31, 250-254. | 1.8 | 12 |
| 589 | Cyclin-dependent kinase 5 is associated with risk for Alzheimerâ€™s disease in a Dutch population-based study. Journal of Neurology, 2008, 255, 655-662. | 3.6 | 12 |
| 590 | Arginine vasopressin receptor gene-based single-nucleotide polymorphism analysis in attention deficit hyperactivity disorder. Psychiatric Genetics, 2009, 19, 102-103. | 1.1 | 12 |
| 591 | Pure Familial Spastic Paraplegia: Clinical and Genetic Analysis of Nine Belgian Pedigrees. European Journal of Human Genetics, 1996, 4, 260-266. | 2.8 | 12 |
| 592 | Selection of human chromosome 21-specific DNA probes for genetic analysis in Alzheimer's dementia and Down syndrome. Human Genetics, 1989, 83, 58-60. | 3.8 | 11 |
| 593 | X-linkage in bipolar illness. Biological Psychiatry, 1991, 29, 730-731. | 1.3 | 11 |
| 594 | A High-resolution map of 1.6 Mb in the Down syndrome region: a new map between D21S55 and ETS2. Mammalian Genome, 1995, 6, 127-130. | 2.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 595 | Manic-Depressive Illness and Linkage Reanalysis in the Xq27-Xq28 Region of Chromosome X. Neuropsychobiology, 1995, 31, 58-63. | 1.9 | 11 |
| 596 | Mutation analysis of the nerve specific promoter of the peripheral myelin protein 22 gene in CMT1 disease and HNPP.. Journal of Medical Genetics, 1998, 35, 590-593. | 3.2 | 11 |
| 597 | Identification of aDrosophilaPresenilin Homologue: Evidence of Alternatively Spliced Forms. Journal of Neurogenetics, 1998, 12, 41-54. | 1.4 | 11 |
| 598 | Of giant axons and curly hair. Nature Genetics, 2000, 26, 254-255. | 21.4 | 11 |
| 599 | A Clone Contig of 12q24.3 Encompassing the Distal Hereditary Motor Neuropathy Type II Gene. Genomics, 2000, 65, 34-43. | 2.9 | 11 |
| 600 | Hereditary neuralgic amyotrophy. Neurogenetics, 2001, 3, 115-118. | 1.4 | 11 |
| 601 | Possible association of nicastrin polymorphisms and Alzheimer disease in the Finnish population. Neurology, 2004, 63, 173-175. | 1.1 | 11 |
| 602 | No association of the trace amine-associated receptor 6 with bipolar disorder in a northern Swedish population. Psychiatric Genetics, 2006, 16, 1-2. | 1.1 | 11 |
| 603 | Mutation (variation) databases and registries: a rationale for coordination of efforts. Nature Reviews Genetics, 2011, 12, 881-881. | 16.3 | 11 |
| 604 | Phenotypic Variation of Autosomal-Dominant Corticobasal Degeneration. European Neurology, 2012, 67, 142-150. | 1.4 | 11 |
| 605 | Guanosine triphosphate cyclohydrolase 1 promoter deletion causes dopaâ€responsive dystonia. Movement Disorders, 2012, 27, 1451-1456. | 3.9 | 11 |
| 606 | Rapidly progressive frontotemporal dementia and bulbar amyotrophic lateral sclerosis in Portuguese patients with C9orf72 mutation. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 70-72. | 1.7 | 11 |
| 607 | Characterization of an FTLD-PDB family with the coexistence of SQSTM1 mutation and hexanucleotide (G 4 C 2 ) repeat expansion inÂ C9orf72 gene. Neurobiology of Aging, 2016, 40, 191.e1-191.e8. | 3.1 | 11 |
| 608 | Reduced secretion and altered proteolytic processing caused by missense mutations in progranulin. Neurobiology of Aging, 2016, 39, 220.e17-220.e26. | 3.1 | 11 |
| 609 | No added diagnostic value of non-phosphorylated tau fraction (p-taurel) in CSF as a biomarker for differential dementia diagnosis. Alzheimer's Research and Therapy, 2017, 9, 49. | 6.2 | 11 |
| 610 | Rare missense mutations in ABCA7 might increase Alzheimerâ€™s disease risk by plasma membrane exclusion. Acta Neuropathologica Communications, 2022, 10, 43. | 5.2 | 11 |
| 611 | Absence of linkage with the Duffy blood group in a family with Charcot-Marie-Tooth neuropathy. Journal of the Neurological Sciences, 1988, 88, 145-150. | 0.6 | 10 |
| 612 | Hereditary Cerebral Hemorrhage with Amyloidosisâ€”Dutch Type: A Congophilic Angiopathy. Annals of the New York Academy of Sciences, 1991, 640, 155-160. | 3.8 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 613 | The genetic structure of Parus caeruleus (blue tit) populations as revealed by minisatellite single locus probes. Heredity, 1995, 75, 571-577. | 2.6 | 10 |
| 614 | Chapter 23 Alzheimer's disease: Identification of genes and genetic risk factors. Progress in Brain Research, 1998, 117, 315-325. | 1.4 | 10 |
| 615 | Evidence that the Î²-catenin Nuclear Translocation Assay Allows for Measuring Presenilin 1 Dysfunction. Molecular Medicine, 2000, 6, 570-580. | 4.4 | 10 |
| 616 | Lack of association between GABRA3 and unipolar affective disorder: a multicentre study. International Journal of Neuropsychopharmacology, 2001, 4, 273-8. | 2.1 | 10 |
| 617 | DNMBP is genetically associated with Alzheimer dementia in the Belgian population. Neurobiology of Aging, 2009, 30, 2000-2009. | 3.1 | 10 |
| 618 | EFNS guidelines on the molecular diagnosis of channelopathies, epilepsies, migraine, stroke, and dementias. European Journal of Neurology, 2010, 17, 641-648. | 3.3 | 10 |
| 619 | Extended FTLD pedigree segregating a Belgian GRN-null mutation: neuropathological heterogeneity in one family. Alzheimer's Research and Therapy, 2018, 10, 7. | 6.2 | 10 |
| 620 | Gene Expression Imputation Across Multiple Tissue Types Provides Insight Into the Genetic Architecture of Frontotemporal Dementia and Its Clinical Subtypes. Biological Psychiatry, 2021, 89, 825-835. | 1.3 | 10 |
| 621 | Premature termination codon mutations in ABCA7 contribute to Alzheimer's disease risk in Belgian patients. Neurobiology of Aging, 2021, 106, 307.e1-307.e7. | 3.1 | 10 |
| 622 | Absence of genetic linkage of Charcotâ€Marieâ€Tooth disease (HMSN Ia) with chromosome 1 gene markers. Neurology, 1989, 39, 844-844. | 1.1 | 10 |
| 623 | The pericentromeric 21 DNA marker pGSM21 (D21S13) contains an expressed HTF island. Genomics, 1990, 7, 119-122. | 2.9 | 9 |
| 624 | Mutation analysis of the chromosome 14q24.3 dihydrolipoyl succinyltransferase (DLST) gene in patients with early-onset Alzheimer disease. Neuroscience Letters, 1995, 199, 73-77. | 2.1 | 9 |
| 625 | A chromosome 18 genetic linkage study in three large Belgian pedigrees with bipolar disorder. Journal of Affective Disorders, 1997, 43, 195-205. | 4.1 | 9 |
| 626 | Presenilin-I polymorphism and hereditary cerebral hemorrhage with amyloidosis, Dutch type. Annals of Neurology, 1997, 42, 108-110. | 5.3 | 9 |
| 627 | Mutation analysis of a putative sialyltransferase gene, theSFRS2splicing factor gene and thec-mybET-locus in two families with hereditary neuralgic amyotrophy (HNA). Annals of Human Genetics, 1998, 62, 397-400. | 0.8 | 9 |
| 628 | Determination of the genomic organization of human presenilin 1 by fiber-FISH analysis and restriction mapping of cloned DNA. Mammalian Genome, 1999, 10, 410-414. | 2.2 | 9 |
| 629 | 5th Workshop of the European CMT Consortium, 69th ENMC International Workshop: Therapeutic approaches in CMT neuropathies and related disorders 23â€“25 April 1999, Soestduinen, The Netherlands. Neuromuscular Disorders, 2000, 10, 69-74. | 0.6 | 9 |
| 630 | Tracing myelin protein zero (P0) in vivo by construction of P0-GFP fusion proteins. BMC Cell Biology, 2002, 3, 29. | 3.0 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 631 | Autosomal dominant striatal degeneration (ADSD). Neurology, 2004, 62, 2203-2208. | 1.1 | 9 |
| 632 | Novel Twinkle gene mutation in autosomal dominant progressive external ophthalmoplegia and multisystem failure. Neuromuscular Disorders, 2009, 19, 845-848. | 0.6 | 9 |
| 633 | Lymphoblast-derived integration-free iPSC lines from a female and male Alzheimer's disease patient expressing different copy numbers of a coding CNV in the Alzheimer risk gene CR1. Stem Cell Research, 2016, 17, 560-563. | 0.7 | 9 |
| 634 | Teenage-onset progressive myoclonic epilepsy due to a familial C9orf72 repeat expansion. Neurology, 2018, 90, e658-e663. | 1.1 | 9 |
| 635 | Peripheral myelin protein 2 â€“ a novel cluster of mutations causing Charcot-Marie-Tooth neuropathy. Orphanet Journal of Rare Diseases, 2019, 14, 197. | 2.7 | 9 |
| 636 | Validation of the Erlangen Score Algorithm for Differential Dementia Diagnosis in Autopsy-Confirmed Subjects. Journal of Alzheimer's Disease, 2019, 68, 1151-1159. | 2.6 | 9 |
| 637 | IPSC-Derived Neuronal Cultures Carrying the Alzheimerâ€™s Disease Associated TREM2 R47H Variant Enables the Construction of an AÎ²-Induced Gene Regulatory Network. International Journal of Molecular Sciences, 2020, 21, 4516. | 4.1 | 9 |
| 638 | Rare variants in IFFO1, DTNB, NLRC3 and SLC22A10 associate with Alzheimerâ€™s disease CSF profile of neuronal injury and inflammation. Molecular Psychiatry, 2022, 27, 1990-1999. | 7.9 | 9 |
| 639 | Location of the hidden break in large subunit ribosomal RNA of Artemia salina. Die Naturwissenschaften, 1984, 71, 634-635. | 1.6 | 8 |
| 640 | Apolipoprotein E genotype and concomitant clinical features in early-onset Alzheimer's disease. Journal of Neurology, 1996, 243, 465-468. | 3.6 | 8 |
| 641 | No evidence for the involvement of CAG/CTG repeats from within 18q21.33â€“q23 in bipolar disorder. European Journal of Human Genetics, 2000, 8, 385-388. | 2.8 | 8 |
| 642 | Rogue gene in the family. Nature, 2009, 458, 415-416. | 27.8 | 8 |
| 643 | Polymorphisms in the GluR2 gene are not associated with amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 418-420. | 3.1 | 8 |
| 644 | Neuroimaging Correlates of Frontotemporal Dementia Associated with SQSTM1 Mutations. Journal of Alzheimer's Disease, 2016, 53, 303-313. | 2.6 | 8 |
| 645 | Presence of tau astrogliopathy in frontotemporal dementia caused by a novel Grn nonsense (Trp2*) mutation. Neurobiology of Aging, 2019, 76, 214.e11-214.e15. | 3.1 | 8 |
| 646 | Genetic variation in APOE, GRN, and TP53 are phenotype modifiers in frontotemporal dementia. Neurobiology of Aging, 2021, 99, 99.e15-99.e22. | 3.1 | 8 |
| 647 | Investigation of the role of matrix metalloproteinases in the genetic etiology of Alzheimer's disease. Neurobiology of Aging, 2021, 104, 105.e1-105.e6. | 3.1 | 8 |
| 648 | Investigating the Endo-Lysosomal System in Major Neurocognitive Disorders Due to Alzheimerâ€™s Disease, Frontotemporal Lobar Degeneration and Lewy Body Disease: Evidence for SORL1 as a Cross-Disease Gene. International Journal of Molecular Sciences, 2021, 22, 13633. | 4.1 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 649 | DNA fingerprints revealing common and divergent human DNA methylation patterns. FEBS Letters, 1989, 255, 226-230. | 2.8 | 7 |
| 650 | YAC fragmentation with repetitive and single-copy sequences: detailed physical mapping of the presenilin 1 gene on chromosome 14. Gene, 1999, 229, 193-201. | 2.2 | 7 |
| 651 | SSHSuite: an integrated software package for analysis of large-scale suppression subtractive hybridization data. BioTechniques, 2004, 36, 1043-1045. | 1.8 | 7 |
| 652 | No allelic association or interaction of three known functional polymorphisms with bipolar disorder in a northern Swedish isolated population. Psychiatric Genetics, 2006, 16, 209-212. | 1.1 | 7 |
| 653 | Lymphoblast-derived integration-free iPS cell line from a 69-year-old male. Stem Cell Research, 2016, 16, 29-31. | 0.7 | 7 |
| 654 | Lymphoblast-derived integration-free iPS cell line from a 65-year-old Alzheimer's disease patient expressing the TREM2 p.R47H variant. Stem Cell Research, 2016, 16, 113-115. | 0.7 | 7 |
| 655 | Evaluation of the interaction between LRRK2 and PARK16 loci in determining risk of Parkinson's disease: analysis of a large multicenter study. Neurobiology of Aging, 2017, 49, 217.e1-217.e4. | 3.1 | 7 |
| 656 | C9orf72, age at onset, and ancestry help discriminate behavioral from language variants in FTLD cohorts. Neurology, 2020, 95, e3288-e3302. | 1.1 | 7 |
| 657 | SLITRK2, an X-linked modifier of the age at onset in C9orf72 frontotemporal lobar degeneration. Brain, 2021, 144, 2798-2811. | 7.6 | 7 |
| 658 | A polymorphic locus [D21S144] is detected by probe pVC12 on chromosome 21. Nucleic Acids Research, 1989, 17, 4420-4420. | 14.5 | 6 |
| 659 | Mutation analysis of the human pancreatic phospholipase A2 gene in a family with distal hereditary motor neuropathy type II linked to 12q24. Neuroscience Letters, 1997, 223, 69-71. | 2.1 | 6 |
| 660 | Distal Hereditary Motor Neuropathy Type II (Distal HMN Type II): Phenotype and Molecular Genetics. Annals of the New York Academy of Sciences, 1999, 883, 60-64. | 3.8 | 6 |
| 661 | Preimplantation Diagnosis for Charcot-Marie-Tooth Type 1A. Annals of the New York Academy of Sciences, 1999, 883, 460-462. | 3.8 | 6 |
| 662 | TheTNFRSF6 gene is not implicated in familial early-onset Alzheimer's disease. Human Genetics, 2001, 108, 552-553. | 3.8 | 6 |
| 663 | Genetics and pathology of alpha-secretase site AÎ²PP mutations in the understanding of Alzheimer's disease. Journal of Alzheimer's Disease, 2006, 9, 389-398. | 2.6 | 6 |
| 664 | Brain-Specific Tryptophan Hydroxylase, TPH2, and 5-HTTLPR are Associated with Frontal Lobe Symptoms in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 67-73. | 2.6 | 6 |
| 665 | Lymphoblast-derived integration-free iPS cell line from a female 67-year-old Alzheimer's disease patient with TREM2 (R47H) missense mutation. Stem Cell Research, 2016, 17, 553-555. | 0.7 | 6 |
| 666 | Data Mining: Applying the AD&FTD Mutation Database to Progranulin. Methods in Molecular Biology, 2018, 1806, 81-92. | 0.9 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 667 | Sporadic Creutzfeldt-Jakob Disease and Other Proteinopathies in Comorbidity. Frontiers in Neurology, 2020, 11, 596108. | 2.4 | 6 |
| 668 | Reply: ATP10B and the risk for Parkinsonâ€™s disease. Acta Neuropathologica, 2020, 140, 403-404. | 7.7 | 6 |
| 669 | A new (CA)nrapeat polymorphism at the D21S13E locus. Nucleic Acids Research, 1991, 19, 5089-5089. | 14.5 | 5 |
| 670 | PCR detection of the frequent TaqI RFLP at locus D21S13E. Nucleic Acids Research, 1991, 19, 2516-2516. | 14.5 | 5 |
| 671 | Assay of transfection rate in insect cells on a single cell level. Genetic Analysis, Techniques and Applications, 1998, 14, 103-104. | 1.5 | 5 |
| 672 | No influence of presenilin1 I143T and G384A mutations on endogenous tau phosphorylation in human and mouse neuroblastoma cells. Neuroscience Letters, 1999, 269, 83-86. | 2.1 | 5 |
| 673 | Mutation analysis of 12 candidate genes for distal hereditary motor neuropathy type II (distal HMN II) linked to 12q24.3. Journal of the Peripheral Nervous System, 2002, 7, 87-95. | 3.1 | 5 |
| 674 | Lack of genetic association between the phospholipase A2 gene and bipolar mood disorder in a European multicentre caseâ€“control study. Psychiatric Genetics, 2006, 16, 169-171. | 1.1 | 5 |
| 675 | Genetic Creutzfeldt-Jakob disease mimicking chronic inflammatory demyelinating polyneuropathy. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e173. | 6.0 | 5 |
| 676 | Lymphoblast-derived integration-free ISRM-CON9 iPS cell line from a 75 year old female. Stem Cell Research, 2018, 26, 76-79. | 0.7 | 5 |
| 677 | Contribution of homozygous and compound heterozygous missense mutations in VWA2 to Alzheimerâ€™s disease. Neurobiology of Aging, 2021, 99, 100.e17-100.e23. | 3.1 | 5 |
| 678 | Hippocampal Sclerosis in Frontotemporal Dementia: When Vascular Pathology Meets Neurodegeneration. Journal of Neuropathology and Experimental Neurology, 2021, 80, 313-324. | 1.7 | 5 |
| 679 | Frontotemporal Lobar Degeneration Case with an N-Terminal TUBA4A Mutation Exhibits Reduced TUBA4A Levels in the Brain and TDP-43 Pathology. Biomolecules, 2022, 12, 440. | 4.0 | 5 |
| 680 | Genes in early onset Alzheimer's disease: Implications for AD research. Neurobiology of Aging, 1994, 15, 149-153. | 3.1 | 4 |
| 681 | Malignant hyperthermia susceptibility in a patient with concomitant motor neuron disease. Journal of the Neurological Sciences, 1996, 142, 36-38. | 0.6 | 4 |
| 682 | Isolation of CAG/CTG repeats from within the chromosome 2p21-p24 locus for autosomal dominant spastic paraplegia (SPG4) by YAC fragmentation. Human Genetics, 1999, 105, 217-225. | 3.8 | 4 |
| 683 | Further evidence for genetic heterogeneity of autosomal dominant disorders with accumulation of multiple deletions of mitochondrial DNA. Journal of Medical Genetics, 2000, 37, 547-548. | 3.2 | 4 |
| 684 | Expanded RED products and loci containing CAG/CTG repeats on chromosome 17 (ERDA1) and chromosome 18 (CTG18.1) in trans-generational pairs with bipolar affective disorder. , 2004, 128B, 71-75. | | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 685 | Reduced brain volumes in mice expressing APP-Austrian mutation but not in mice expressing APP-Swedishâ€“Austrian mutations. Neuroscience Letters, 2008, 447, 143-147. | 2.1 | 4 |
| 686 | Fabry disease in a patient with Turner syndrome. Journal of Inherited Metabolic Disease, 2009, 32, 45-48. | 3.6 | 4 |
| 687 | GIGYF2 in Parkinson's disease: Innocent until proven otherwise. Neurobiology of Aging, 2010, 31, 1072-1074. | 3.1 | 4 |
| 688 | Mendelian randomization implies no direct causal association between leukocyte telomere length and amyotrophic lateral sclerosis. Scientific Reports, 2020, 10, 12184. | 3.3 | 4 |
| 689 | Reply: Segregation of ATP10B variants in families with autosomal recessive Parkinsonism. Acta Neuropathologica, 2020, 140, 787-789. | 7.7 | 4 |
| 690 | APOE and Lipid Level Synergy Effects on Declarative Memory Functioning in Adulthood. European Psychologist, 2009, 14, 268-278. | 3.1 | 4 |
| 691 | Linkage analysis of the Duffy blood group marker with several chromosome 1 genes in an extended pedigree with Charcot-Marie-Tooth disease. Human Genetics, 1989, 81, 231-233. | 3.8 | 3 |
| 692 | A high frequency EcoRI RFLP detected at the D21S13 locus. Nucleic Acids Research, 1990, 18, 1319-1319. | 14.5 | 3 |
| 693 | Reply to â€" Alzheimer's disease and the family effect. Nature Genetics, 1994, 8, 115-115. | 21.4 | 3 |
| 694 | AMYLOID ANGIOPATHY IS ASSOCIATED WITH A LARGE AMYLOID CORE TYPE OF SENILE PLAQUES IN THE AMYLOID PRECURSOR PROTEIN 692ALAâ†'GLY MUTATION. Journal of Neuropathology and Experimental Neurology, 1995, 54, 431. | 1.7 | 3 |
| 695 | Molecular analysis of three cases with hereditary motor and sensory neuropathy with myelin outfolding. Neuroscience Letters, 1995, 194, 136-138. | 2.1 | 3 |
| 696 | Comment â€" Genes and temperament, a shortcut for unravelling the genetics of psychopathology?. International Journal of Neuropsychopharmacology, 1998, 1, 169-171. | 2.1 | 3 |
| 697 | Classical Friedreichâ€™s Ataxia and Its Genotype. European Neurology, 1999, 42, 109-115. | 1.4 | 3 |
| 698 | Proteolytic processing of presenilin-1 in human lymphoblasts is not affected by the presence of the I143T and G384A mutations. Neuroscience Letters, 1999, 274, 183-186. | 2.1 | 3 |
| 699 | Exclusion of 5 functional candidate genes for distal hereditary motor neuropathy type II (distal HMN) Tj ETQq1 1 0.784314 rgBT /Ove | 0.8 | 3 |
| 700 | Role of glucocorticoid receptor gene in vulnerability for major depression: commentary on Neigh and Nemeroff. Trends in Endocrinology and Metabolism, 2006, 17, 386. | 7.1 | 3 |
| 701 | Single nucleotide polymorphism analysis of corticotropin-releasing factor-binding protein gene in bipolar disorder. Psychiatric Genetics, 2007, 17, 304-307. | 1.1 | 3 |
| 702 | Variant Alzheimer's disease with spastic paraparesis and cotton wool plaques is caused by PSâ€1 mutations that lead to exceptionally high amyloidâ€Î²2 concentrations. Annals of Neurology, 2000, 48, 806-808. | 5.3 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 703 | Mutation analysis of the connexin 32 (Cx32) gene in charcotâ€marieâ€tooth neuropathy type 1: Identification of five new mutations. Human Mutation, 1997, 9, 47-52. | 2.5 | 3 |
| 704 | Two polymorphic loci are detected shnultaneously by probe CARLP 118.2 [D10S21} on chromosome 10. Nucleic Acids Research, 1988, 16, 2738-2738. | 14.5 | 2 |
| 705 | An informative MspI polymorphism detected at the D21S16 locus. Human Genetics, 1990, 85, 140-140. | 3.8 | 2 |
| 706 | Subregional localization of the chromosome 21 loci D21S24 and D21S26 using physical mapping techniques. Human Genetics, 1991, 87, 109-111. | 3.8 | 2 |
| 707 | Dinucleotide repeat polymorphism at the D21S145 locus. Nucleic Acids Research, 1992, 20, 1159-1159. | 14.5 | 2 |
| 708 | Hereditary Neuralgic Amyotrophy: Mutation Analysis of Candidate Genes. Annals of the New York Academy of Sciences, 1999, 883, 443-444. | 3.8 | 2 |
| 709 | 71st ENMC International Workshop, 6th Workshop of the European Charcotâ€“Marieâ€“Tooth Disease Consortium: Hereditary recurrent focal neuropathies, 24â€“25 September 1999, Soestduinen, The Netherlands. Neuromuscular Disorders, 2000, 10, 518-524. | 0.6 | 2 |
| 710 | Absence of pathogenic mutations in presenilin homologue 2 in a conclusively 17-linked tau-negative dementia family. Neurogenetics, 2004, 5, 79-80. | 1.4 | 2 |
| 711 | In search of anticipation in unipolar affective disorder. European Neuropsychopharmacology, 2005, 15, 511-516. | 0.7 | 2 |
| 712 | Molecular Pathogenesis of Frontotemporal Lobar Degeneration. Archives of Neurology, 2008, 65, 700-4. | 4.5 | 2 |
| 713 | Pure progressive amnesia as variant of genetically proven Alzheimer disease. European Journal of Neurology, 2009, 16, e9-10. | 3.3 | 2 |
| 714 | A Major Genetic Factor at Chromosome 9p Implicated in Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Lobar Degeneration (FTLD). , 2012, , . | | 2 |
| 715 | A familyâ€based genetic study identifies mutations in TLR9 impairing receptor activation: A role for innate immunity in AD pathogenesis. Alzheimer's and Dementia, 2020, 16, e047212. | 0.8 | 2 |
| 716 | No association of CpG SNP rs9357140 with onset age in Belgian C9orf72 repeat expansion carriers. Neurobiology of Aging, 2021, 97, 145.e1-145.e4. | 3.1 | 2 |
| 717 | Reply: ATP10B variants in Parkinsonâ€™s diseaseâ€”a large cohort study in Chinese mainland population. Acta Neuropathologica, 2021, 141, 807-808. | 7.7 | 2 |
| 718 | Family-based exome sequencing identifies RBM45 as a possible candidate gene for frontotemporal dementia and amyotrophic lateral sclerosis. Neurobiology of Disease, 2021, 156, 105421. | 4.4 | 2 |
| 719 | A European multicenter association study of HTR2A receptor polymorphism in bipolar affective disorder. American Journal of Medical Genetics Part A, 2000, 96, 136-140. | 2.4 | 2 |
| 720 | Genetic Contributions to Individual Differences in Memory Performance. European Psychologist, 2001, 6, 264-271. | 3.1 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 721 | SNPbox. Methods in Molecular Biology, 2007, 402, 178-199. | 0.9 | 2 |
| 722 | Protein interaction network analysis reveals genetic enrichment of immune system genes in frontotemporal dementia. Neurobiology of Aging, 2022, 116, 67-79. | 3.1 | 2 |
| 723 | A highly polymorphic locus is detected by probe CARLP II6.3 [D5S88]. Nucleic Acids Research, 1988, 16, 8196-8196. | 14.5 | 1 |
| 724 | Exclusion analysis of Charcot-Marie-Tooth neuropathy (CMT1) with chromosome 1p markers. Cytogenetic and Genome Research, 1989, 50, 178-180. | 1.1 | 1 |
| 725 | Muscular dystrophy, mental retardation and cardiomyopathy not associated with dystrophin deficiency. Neuromuscular Disorders, 1996, 6, 167-172. | 0.6 | 1 |
| 726 | Genes for Alzheimer Dementia. Acta Neuropsychiatrica, 1999, 11, 60-62. | 2.1 | 1 |
| 727 | Study of the origin of nondisjunction in a family with two cases of Down syndrome using cytogenetic and molecular polymorphisms. American Journal of Medical Genetics Part A, 2005, 37, 133-136. | 2.4 | 1 |
| 728 | Reply. Annals of Neurology, 2010, 68, 119-119. | 5.3 | 1 |
| 729 | Genetics of frontotemporal dementia and related disorders. , 0, , 185-196. | | 1 |
| 730 | Frontotemporal dementia. , 2017, , 199-249. | | 1 |
| 731 | [P4â€“075]: THE MAPT P.ARG406TRP IS A FOUNDER MUTATION IN BELGIUM AND PRESENTS WITH AN ALZHEIMER DISEASE DEMENTIAâ€LIKE PHENOTYPE. Alzheimer's and Dementia, 2017, 13, P1286. | 0.8 | 1 |
| 732 | Lymphoblast-derived integration-free iPSC line AD-TREM2-3 from a 74â€¯year-old Alzheimer's disease patient expressing the TREM2 p.R47H variant. Stem Cell Research, 2018, 30, 141-144. | 0.7 | 1 |
| 733 | Novel Alzheimerâ€™s disease risk genes: exhaustive investigation is paramount. Acta Neuropathologica, 2019, 138, 171-172. | 7.7 | 1 |
| 734 | Reply: Lack of evidence supporting a role for DPP6 sequence variants in Alzheimerâ€™s disease in the European American population. Acta Neuropathologica, 2021, 141, 625-626. | 7.7 | 1 |
| 735 | Genetic variants in progranulin upstream open reading frames increase downstream protein expression. Neurobiology of Aging, 2022, 110, 113-121. | 3.1 | 1 |
| 736 | Association study of bipolar disorder with candidate genes involved in catecholamine neurotransmission: DRD2, DRD3, DAT1, and TH genes. American Journal of Medical Genetics Part A, 1996, 67, 551-555. | 2.4 | 1 |
| 737 | Pathological Validation of Animal Models of Dementia. Neuromethods, 2011, , 99-141. | 0.3 | 1 |
| 738 | Fotografia em odontopediatria: base e aplicaÃ§Ãµes. Revista Odonto Ciencia, 2015, 30, 60. | 0.0 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 739 | Chromosome workshop: Chromosomes 11, 14, and 15. American Journal of Medical Genetics Part A, 1999, 88, 244-254. | 2.4 | 1 |
| 740 | Lack of association between bridging integrator 1 (BIN1) rs744373 polymorphism and tauâ€PET load in cognitively intact older adults. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12227. | 3.7 | 1 |
| 741 | How network-based approaches can complement gene identification studies in frontotemporal dementia. Trends in Genetics, 2022, 38, 944-955. | 6.7 | 1 |
| 742 | A polymorphic locus [D1S88] is detected by probe LA01.41 on chromosome lp. Nucleic Acids Research, 1989, 17, 1278-1278. | 14.5 | 0 |
| 743 | Dinucleotide repeat polymorphism at the D1S16 locus. Nucleic Acids Research, 1992, 20, 1159-1159. | 14.5 | 0 |
| 744 | A rare MspI RFLP of the DMD probe p20 (DXS269). Human Genetics, 1992, 89, 122-122. | 3.8 | 0 |
| 745 | The Î²A4 amyloid precursor protein gene and Alzheimerâ€™s disease. , 1996, , 89-98. | | 0 |
| 746 | Construction of a PAC Contig within the Distal Hereditary Motor Neuropathy Type II Candidate Region at 12q24. Annals of the New York Academy of Sciences, 1999, 883, 463-465. | 3.8 | 0 |
| 747 | Mutation Screening of Charcot-Marie-Tooth Patients in Poland. Annals of the New York Academy of Sciences, 1999, 883, 493-496. | 3.8 | 0 |
| 748 | CHAPTER 5.6 Identification and functional analysis of genes and genetic risk factors in Alzheimer's disease. Handbook of Behavioral Neuroscience, 1999, , 841-862. | 0.0 | 0 |
| 749 | Neurogenetics of Dementia. , 0, , 361-375. | | 0 |
| 750 | The effectiveness of HMG-CoA reductase inhibitors in an elderly population is independent of apolipoprotein E-genotypes. British Journal of Clinical Pharmacology, 2002, 53, 548P-548P. | 2.4 | 0 |
| 751 | O3-02-07 Linkage analysis for AD using amyloid beta 42 levels shows evidence for a novel AD gene on chromosome 19. Neurobiology of Aging, 2004, 25, S56. | 3.1 | 0 |
| 752 | O4-06-03 A novel NR4A2 promoter variation associated with Parkinson's disease alters gene expression. Neurobiology of Aging, 2004, 25, S85. | 3.1 | 0 |
| 753 | Chromosome 17-linked Frontotemporal dementia with Ubiquitin-Positive, Tau-Negative Inclusions. Research and Perspectives in Alzheimer's Disease, 2005, , 117-137. | 0.1 | 0 |
| 754 | Charcotâ€Marieâ€Tooth disease: call for patients. Clinical Genetics, 1990, 37, 79-80. | 2.0 | 0 |
| 755 | P.7.b.005 Arginine vasopressin receptor gene-based single nucleotide polymorphism (SNP) analysis in ADHD. European Neuropsychopharmacology, 2009, 19, S686. | 0.7 | 0 |
| 756 | Frontotemporal Dementia. , 2010, , 428-432. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 757 | P.1.a.004 Associations between AVPR1b and NR3C1 gene variants and HPA axis responses to psychosocial stress. European Neuropsychopharmacology, 2010, 20, S214-S215. | 0.7 | 0 |
| 758 | O1-03-01: In-depth molecular genetic analysis of CLU in Alzheimer's disease. , 2010, 6, S73-S74. | | 0 |
| 759 | Slowing of saccadic eye movements in sporadic Creutzfeldtâ€“Jakob disease. Movement Disorders, 2013, 28, 291-293. | 3.9 | 0 |
| 760 | O3-13-03: Massive parallel gene panel sequencingÂin a belgian ftld cohort of causal genes associated with diverse neurodegenerative brain diseases. , 2015, 11, P251-P251. | | 0 |
| 761 | O3-13-06: Targeted re-sequencing of sorl1 in early-onset Alzheimer's dementia: The european early onset dementia consortium. , 2015, 11, P253-P253. | | 0 |
| 762 | Prof. Dr. Bernd Rautenstrauss (1959â€“2015) Pioneer in CMT Genetics. Neuromuscular Disorders, 2015, 25, 725-726. | 0.6 | 0 |
| 763 | P2-072: Development of novel elisas for the quantification of both pan-ApoE and ApoE4 proteins in CSF and blood, and ApoE Îµ4 phenotyping. , 2015, 11, P510-P510. | | 0 |
| 764 | P3-017: Rare variants in PLD3 do not increase risk in a belgian cohort of early-onset Alzheimer dementia patients. , 2015, 11, P626-P626. | | 0 |
| 765 | P4-194: The identification of high-penetrant loss-of-function mutations in abca7 in Alzheimer's disease. , 2015, 11, P854-P854. | | 0 |
| 766 | DT-02-01: Loss-of-function mutations in TBK1 are frequently associated with frontotemporal lobar degeneration in a belgian patient cohort. , 2015, 11, P333-P333. | | 0 |
| 767 | P1â€176: CSF Exploratory Biomarker Study for (DIFFERENTIAL) Diagnosis of Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P471. | 0.8 | 0 |
| 768 | P2-153: Diagnostic Performance of Non-Phosphorylated TAU Fraction (PTAU REL) in CSF as Biomarker for Differential Dementia Diagnosis. , 2016, 12, P672-P673. | | 0 |
| 769 | P4â€120: Increased CSF Levels of Biomarkers for Neurodegeneration in FTLDâ€GRN Mutation Carriers. Alzheimer's and Dementia, 2016, 12, P1058. | 0.8 | 0 |
| 770 | O4â€09â€03: Eeg Dominant Frequency Peak Differentiates Between Alzheimer's Disease and Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P354. | 0.8 | 0 |
| 771 | [P4â€“071]: EXOME SEQUENCING IN ATYPICAL FRONTOTEMPORAL DEMENTIA WITH PERIâ€ROLANDIC ATROPHY SUGGESTS A ROLE FOR MATRIX METALLOPROTEINASES IN FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1285. | 0.8 | 0 |
| 772 | [P4â€“069]: A PROSPECTIVE NEUROGENETIC STUDY ON EARLYâ€ONSET DEMENTIA IN PATIENTS WITH UNCLEAR INITIAL DIAGNOSIS OF DEGENERATIVE DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1284. | 0.8 | 0 |
| 773 | [P4â€“070]: NEK1 GENETIC VARIABILITY IN A BELGIAN COHORT OF ALS AND FTDâ€ALS PATIENTS. Alzheimer's and Dementia, 2017, 13, P1284. | 0.8 | 0 |
| 774 | [P2â€“116]: TRANSCRIPTOME ANALYSIS IN BLOOD AND BRAIN IDENTIFIES GENE EXPRESSION REGULATION AND CORRESPONDING QUANTITATIVE TRAIT LOCI IN ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P651. | 0.8 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 775 | [O2â€“13â€“05]: DELETERIOUS ABCA7 MUTATIONS CONTRIBUTE TO EARLYâ€ONSET ALZHEIMER's DISEASE AND ARE SUBJECT TO TRANSCRIPT RESCUE MECHANISMS. Alzheimer's and Dementia, 2017, 13, P589. | 0.8 | 0 |
| 776 | GFRA2 in GRN-related frontotemporal lobar degeneration. Lancet Neurology, The, 2018, 17, 488-489. | 10.2 | 0 |
| 777 | Lymphoblast-derived integration-free iPSC line AD-TREM2-1 from a 67 year-old Alzheimer's disease patient expressing the TREM2 p.R47H variant. Stem Cell Research, 2018, 29, 60-63. | 0.7 | 0 |
| 778 | P3â€•21: RARE FRAMESHIFT AND DIGENIC MUTATIONS CONTRIBUTE TO DISEASE ETIOLOGY IN BELGIAN ALZHEIMER AND FRONTOTEMPORAL DEMENTIA PATIENTS. Alzheimer's and Dementia, 2018, 14, P1113. | 0.8 | 0 |
| 779 | P3â€•11: EVALUATING THE GENETIC IMPACT OF TIA1 GENE MUTATIONS IN A EUROPEAN COHORT OF ALSâ€FTD SPECTRUM PATIENTS. Alzheimer's and Dementia, 2018, 14, P1110. | 0.8 | 0 |
| 780 | O4â€01â€01: INâ€DEPTH ANALYSIS OF AN ABCA7 VNTR IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1400. | 0.8 | 0 |
| 781 | P3â€•28: EXPLORING THE MOLECULAR MECHANISM OF NEURONAL HYPEREXCITABILITY IN DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1116. | 0.8 | 0 |
| 782 | O3â€10â€03: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6â€YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P1041. | 0.8 | 0 |
| 783 | ICâ€Pâ€068: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6â€YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P61. | 0.8 | 0 |
| 784 | International view on genetic frontotemporal dementia. Lancet Neurology, The, 2020, 19, 106-108. | 10.2 | 0 |
| 785 | Three upstream ORFs in an alternative GRN 5â€²UTR influence downstream protein expression. Alzheimer's and Dementia, 2020, 16, e038282. | 0.8 | 0 |
| 786 | Recessive missense variants in VWA2 increase risk of developing Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e039791. | 0.8 | 0 |
| 787 | ABCA7 mutations are major contributors to Alzheimerâ€™s disease in Belgian patients. Alzheimer's and Dementia, 2020, 16, e040227. | 0.8 | 0 |
| 788 | ABCA7 PTC mutation carriers present with Alzheimerâ€™s disease pathology and cerebral amyloid angiopathy. Alzheimer's and Dementia, 2020, 16, e041513. | 0.8 | 0 |
| 789 | Exploration of the endoâ€lysosomal pathway genes in frontotemporal dementia: The use of proteinâ€protein interaction networks to prioritize rareâ€variant association analysis results. Alzheimer's and Dementia, 2020, 16, e043624. | 0.8 | 0 |
| 790 | Î²â€Amyloid Precursor Protein and Earlyâ€Onset Alzheimer's Disease. Novartis Foundation Symposium, 1996, 199, 170-180. | 1.1 | 0 |
| 791 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 792 | Title is missing!. , 2020, 17, e1003289. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 793 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 794 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 795 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 796 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 797 | Title is missing!. , 2020, 17, e1003289. | | 0 |
| 798 | Endocytic disturbances distinguish among subtypes of alzheimer's disease and related disorders. Annals of Neurology, 2001, 50, 661. | 5.3 | 0 |
| 799 | A de novo duplication in 17p11.2 and a novel mutation in the Po gene in two DÃ©jÃ©rineâ€"Sottas syndrome patients. Human Mutation, 1996, 8, 304-310. | 2.5 | 0 |