

# Peter H St George-Hyslop

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268  
papers

29,787  
citations

78  
h-index

168  
g-index

282  
ext. papers

34,559  
ext. citations

10.3  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
268	Z-Eantitrypsin polymers impose molecular filtration in the endoplasmic reticulum after undergoing phase transition to a solid state.. <i>Science Advances</i> , <b>2022</b> , 8, eabm2094	14.3	1
267	Does Soluble TREM2 Protect Against Alzheimer's Disease?. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 834697	5.3	3
266	Wild-type sTREM2 blocks A $\beta$ aggregation and neurotoxicity, but the Alzheimer's R47H mutant increases A $\beta$ aggregation. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100631	5.4	13
265	Reentrant liquid condensate phase of proteins is stabilized by hydrophobic and non-ionic interactions. <i>Nature Communications</i> , <b>2021</b> , 12, 1085	17.4	68
264	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. <i>Nature Genetics</i> , <b>2021</b> , 53, 294-303	36.3	31
263	Amyloid- $\beta$ toxicity modulates tau phosphorylation through the PAX6 signalling pathway. <i>Brain</i> , <b>2021</b> , 144, 2759-2770	11.2	4
262	Beta amyloid aggregates induce sensitised TLR4 signalling causing long-term potentiation deficit and rat neuronal cell death. <i>Communications Biology</i> , <b>2020</b> , 3, 79	6.7	24
261	Analysis of neurodegenerative disease-causing genes in dementia with Lewy bodies. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 5	7.3	15
260	Biomolecular condensates undergo a generic shear-mediated liquid-to-solid transition. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 841-847	28.7	33
259	RNA Granules Hitchhike on Lysosomes for Long-Distance Transport, Using Annexin A11 as a Molecular Tether. <i>Cell</i> , <b>2019</b> , 179, 147-164.e20	56.2	158
258	Genetic and epigenetic study of an Alzheimer's disease family with monozygotic triplets. <i>Brain</i> , <b>2019</b> , 142, 3375-3381	11.2	6
257	Oral Immunization with Soybean Storage Protein Containing Amyloid- $\beta$ 10 Prevents Spatial Learning Decline. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 70, 487-503	4.3	2
256	Heritability and genetic variance of dementia with Lewy bodies. <i>Neurobiology of Disease</i> , <b>2019</b> , 127, 492-501	7.9	15
255	TET2 Regulates the Neuroinflammatory Response in Microglia. <i>Cell Reports</i> , <b>2019</b> , 29, 697-713.e8	10.6	38
254	Inherited and Sporadic Amyotrophic Lateral Sclerosis and Fronto-Temporal Lobar Degenerations arising from Pathological Condensates of Phase Separating Proteins. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, R187-R196	5.6	4
253	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A $\beta$ tau, immunity and lipid processing. <i>Nature Genetics</i> , <b>2019</b> , 51, 414-430	36.3	917
252	A comprehensive screening of copy number variability in dementia with Lewy bodies. <i>Neurobiology of Aging</i> , <b>2019</b> , 75, 223.e1-223.e10	5.6	10

251	Integrative approach to sporadic Alzheimer's disease: deficiency of TYROBP in a tauopathy mouse model reduces C1q and normalizes clinical phenotype while increasing spread and state of phosphorylation of tau. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1383-1397	15.1	26
250	FUS Phase Separation Is Modulated by a Molecular Chaperone and Methylation of Arginine Cation- $\pi$ Interactions. <i>Cell</i> , <b>2018</b> , 173, 720-734.e15	56.2	409
249	C-terminal calcium binding of $\beta$ synuclein modulates synaptic vesicle interaction. <i>Nature Communications</i> , <b>2018</b> , 9, 712	17.4	140
248	Longitudinal evaluation of Tau-P301L transgenic mice reveals no cognitive impairments at 17 months of age. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00896	3.4	10
247	The physiological and pathological biophysics of phase separation and gelation of RNA binding proteins in amyotrophic lateral sclerosis and fronto-temporal lobar degeneration. <i>Brain Research</i> , <b>2018</b> , 1693, 11-23	3.7	44
246	A rare variant in MLKL confers susceptibility to ApoE e4-negative Alzheimer's disease in Hong Kong Chinese population. <i>Neurobiology of Aging</i> , <b>2018</b> , 68, 160.e1-160.e7	5.6	13
245	Genetic Complexity of Early-Onset Alzheimer's Disease <b>2018</b> , 29-50		6
244	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , <b>2018</b> , 360,	33.3	666
243	Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. <i>Lancet Neurology</i> , <b>2018</b> , 17, 64-74	24.1	121
242	LRP10 in $\beta$ synucleinopathies. <i>Lancet Neurology</i> , <b>2018</b> , 17, 1032-1033	24.1	9
241	APOE- $\epsilon$ associates with hippocampal volume, learning, and memory across the spectrum of Alzheimer's disease and dementia with Lewy bodies. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1137-1147	1.2	26
240	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 727-738	1.2	106
239	Deciphering microglial diversity in Alzheimer's disease. <i>Science</i> , <b>2017</b> , 356, 1123-1124	33.3	12
238	Cholinergic neuron gene expression differences captured by translational profiling in a mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2017</b> , 57, 104-119	5.6	16
237	Structural and Chemical Biology of Presenilin Complexes. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2017</b> , 7,	5.4	10
236	Ultra-rare mutations in segregate in Caribbean Hispanic families with Alzheimer disease. <i>Neurology: Genetics</i> , <b>2017</b> , 3, e178	3.8	5
235	TREM2 shedding by cleavage at the H157-S158 bond is accelerated for the Alzheimer's disease-associated H157Y variant. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 1366-1378	12	70
234	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1373-1384	36.3	508

233	Characterizing familial corticobasal syndrome due to Alzheimer's disease pathology and PSEN1 mutations. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 520-530	1.2	9
232	Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. <i>Neurobiology of Aging</i> , <b>2017</b> , 49, 214.e13-214.e15	5.6	10
231	mutations in early- and late-onset Alzheimer disease. <i>Neurology: Genetics</i> , <b>2016</b> , 2, e116	3.8	45
230	Genome-wide analysis of genetic correlation in dementia with Lewy bodies, Parkinson's and Alzheimer's diseases. <i>Neurobiology of Aging</i> , <b>2016</b> , 38, 214.e7-214.e10	5.6	49
229	Analysis of C9orf72 in patients with frontotemporal dementia and amyotrophic lateral sclerosis from Argentina. <i>Neurobiology of Aging</i> , <b>2016</b> , 40, 192.e13-192.e15	5.6	17
228	ALS5/SPG11/KIAA1840 mutations cause autosomal recessive axonal Charcot-Marie-Tooth disease. <i>Brain</i> , <b>2016</b> , 139, 73-85	11.2	64
227	Drug Repositioning for Alzheimer's Disease Based on Systematic 'omics' Data Mining. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168812	3.7	62
226	The ONDRISeg panel: custom-designed next-generation sequencing of genes related to neurodegeneration. <i>Npj Genomic Medicine</i> , <b>2016</b> , 1, 16032	6.2	17
225	A TgCRND8 Mouse Model of Alzheimer's Disease Exhibits Sexual Dimorphisms in Behavioral Indices of Cognitive Reserve. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 757-73	4.3	21
224	Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2016</b> , 41, 200.e13-200.e20	5.6	119
223	Mutation analysis of the MS4A and TREM gene clusters in a case-control Alzheimer's disease data set. <i>Neurobiology of Aging</i> , <b>2016</b> , 42, 217.e7-217.e13	5.6	24
222	Crowdsourced estimation of cognitive decline and resilience in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 645-53	1.2	58
221	Current and future implications of basic and translational research on amyloid- $\beta$ peptide production and removal pathways. <i>Molecular and Cellular Neurosciences</i> , <b>2015</b> , 66, 3-11	4.8	50
220	Alzheimer amyloid peptide $\alpha\beta 2$ regulates gene expression of transcription and growth factors. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 44, 613-24	4.3	35
219	Inbreeding among Caribbean Hispanics from the Dominican Republic and its effects on risk of Alzheimer disease. <i>Genetics in Medicine</i> , <b>2015</b> , 17, 639-43	8.1	16
218	ALS/FTD Mutation-Induced Phase Transition of FUS Liquid Droplets and Reversible Hydrogels into Irreversible Hydrogels Impairs RNP Granule Function. <i>Neuron</i> , <b>2015</b> , 88, 678-90	13.9	503
217	ATP-binding cassette transporter A7 (ABCA7) loss of function alters Alzheimer amyloid processing. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 24152-65	5.4	71
216	Mutation analysis of CHCHD10 in different neurodegenerative diseases. <i>Brain</i> , <b>2015</b> , 138, e380	11.2	67

215	Apoptosis-Mediated Caspase Cleavage of Tau Contributes to Progressive Supranuclear Palsy Pathogenesis. <i>Neuron</i> , <b>2015</b> , 87, 963-75	13.9	66
214	Association of Long Runs of Homozygosity With Alzheimer Disease Among African American Individuals. <i>JAMA Neurology</i> , <b>2015</b> , 72, 1313-23	17.2	27
213	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 658-71	1.2	146
212	Mutation analysis of patients with neurodegenerative disorders using NeuroX array. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 545.e9-14	5.6	24
211	Coding mutations in SORL1 and Alzheimer disease. <i>Annals of Neurology</i> , <b>2015</b> , 77, 215-27	9.4	125
210	F-box/LRR-repeat protein 7 is genetically associated with Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , <b>2015</b> , 2, 810-20	5.3	34
209	Rare coding mutations identified by sequencing of Alzheimer disease genome-wide association studies loci. <i>Annals of Neurology</i> , <b>2015</b> , 78, 487-98	9.4	102
208	Intracellular oligomeric amyloid-beta rapidly regulates GluA1 subunit of AMPA receptor in the hippocampus. <i>Scientific Reports</i> , <b>2015</b> , 5, 10934	4.9	54
207	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , <b>2015</b> , 72, 209-16	17.2	31
206	Rare individual amyloid- $\beta$ oligomers act on astrocytes to initiate neuronal damage. <i>Biochemistry</i> , <b>2014</b> , 53, 2442-53	3.2	68
205	Rare coding variants in the phospholipase D3 gene confer risk for Alzheimer's disease. <i>Nature</i> , <b>2014</b> , 505, 550-554	50.4	345
204	Single-molecule imaging reveals that small amyloid- $\beta$ -42 oligomers interact with the cellular prion protein (PrP(C)). <i>ChemBioChem</i> , <b>2014</b> , 15, 2515-21	3.8	35
203	Frontotemporal dementia and its subtypes: a genome-wide association study. <i>Lancet Neurology</i> , <b>2014</b> , 13, 686-99	24.1	207
202	Extracellular monomeric tau protein is sufficient to initiate the spread of tau protein pathology. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 956-67	5.4	111
201	Genetic analysis implicates APOE, SNCA and suggests lysosomal dysfunction in the etiology of dementia with Lewy bodies. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6139-46	5.6	152
200	Hypermethylation of the CpG-island near the C9orf72 GGG repeat expansion in FTLN patients. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5630-7	5.6	68
199	Early fear memory defects are associated with altered synaptic plasticity and molecular architecture in the TgCRND8 Alzheimer's disease mouse model. <i>Journal of Comparative Neurology</i> , <b>2014</b> , 522, 2319-35	3.4	25
198	Structural biology of presenilin 1 complexes. <i>Molecular Neurodegeneration</i> , <b>2014</b> , 9, 59	19	29

197	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1394-404	17.2	129
196	Structural interactions between inhibitor and substrate docking sites give insight into mechanisms of human PS1 complexes. <i>Structure</i> , <b>2014</b> , 22, 125-35	5.2	55
195	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e94661	3.7	90
194	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , <b>2013</b> , 45, 1452-8	36.3	2714
193	Evidence of recessive Alzheimer disease loci in a Caribbean Hispanic data set: genome-wide survey of runs of homozygosity. <i>JAMA Neurology</i> , <b>2013</b> , 70, 1261-7	17.2	33
192	Role of p73 in Alzheimer disease: lack of association in mouse models or in human cohorts. <i>Molecular Neurodegeneration</i> , <b>2013</b> , 8, 10	19	7
191	TREM2 variants in Alzheimer's disease. <i>New England Journal of Medicine</i> , <b>2013</b> , 368, 117-27	59.2	1805
190	Pyroglutamate-3 amyloid- $\beta$ deposition in the brains of humans, non-human primates, canines, and Alzheimer disease-like transgenic mouse models. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 369-81	5.8	84
189	Familial dementia with frontotemporal features associated with M146V presenilin-1 mutation. <i>Brain Pathology</i> , <b>2013</b> , 23, 595-600	6	20
188	Single molecule characterization of the interactions between amyloid- $\beta$ peptides and the membranes of hippocampal cells. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1491-8	16.4	68
187	Interactome analyses of mature $\beta$ -secretase complexes reveal distinct molecular environments of presenilin (PS) paralogs and preferential binding of signal peptide peptidase to PS2. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 15352-66	5.4	10
186	SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. <i>PLoS ONE</i> , <b>2013</b> , 8, e58618	3.7	122
185	Targeting the amyloid- $\beta$ antibody in the brain tissue of a mouse model of Alzheimer's disease. <i>Journal of Controlled Release</i> , <b>2012</b> , 159, 302-8	11.7	11
184	Association between variants in IDE-KIF11-HHEX and plasma amyloid $\beta$ levels. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 199.e13-7	5.6	18
183	Identification of Alzheimer disease-associated variants in genes that regulate retromer function. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2231.e15-2231.e30	5.6	115
182	Epidemiology and genetics of frontotemporal dementia: a door-to-door survey in southern Italy. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2948.e1-2948.e10	5.6	35
181	Genetic association of CR1 with Alzheimer's disease: a tentative disease mechanism. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2949.e5-2949.e12	5.6	64
180	Investigation of c9orf72 in 4 neurodegenerative disorders. <i>Archives of Neurology</i> , <b>2012</b> , 69, 1583-90		83

179	Vigilin interacts with signal peptide peptidase. <i>Proteome Science</i> , <b>2012</b> , 10, 33	2.6	3
178	Both common variations and rare non-synonymous substitutions and small insertion/deletions in CLU are associated with increased Alzheimer risk. <i>Molecular Neurodegeneration</i> , <b>2012</b> , 7, 3	19	66
177	The isotropic fractionator provides evidence for differential loss of hippocampal neurons in two mouse models of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2012</b> , 7, 58	19	20
176	Vps10 family proteins and the retromer complex in aging-related neurodegeneration and diabetes. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 14080-6	6.6	52
175	Fcγ receptor polymorphisms do not predict response to intravenous immunoglobulin in myasthenia gravis. <i>Journal of Clinical Neuromuscular Disease</i> , <b>2012</b> , 14, 1-6	1.1	3
174	ALS mutations in FUS cause neuronal dysfunction and death in <i>Caenorhabditis elegans</i> by a dominant gain-of-function mechanism. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 1-9	5.6	121
173	Genome-wide survey of large rare copy number variants in Alzheimer's disease among Caribbean hispanics. <i>G3: Genes, Genomes, Genetics</i> , <b>2012</b> , 2, 71-8	3.2	43
172	ECatenin is genetically and biologically associated with cortical cataract and future Alzheimer-related structural and functional brain changes. <i>PLoS ONE</i> , <b>2012</b> , 7, e43728	3.7	42
171	Anti-amyloid-β-mediated positron emission tomography imaging in Alzheimer's disease mouse brains. <i>PLoS ONE</i> , <b>2012</b> , 7, e51958	3.7	11
170	Choice of biological source material supersedes oxidative stress in its influence on DJ-1 in vivo interactions with Hsp90. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 4388-404	5.6	22
169	Family reunion--the ZIP/prion gene family. <i>Progress in Neurobiology</i> , <b>2011</b> , 93, 405-20	10.9	31
168	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , <b>2011</b> , 43, 436-41	36.3	1367
167	SORCS1 alters amyloid precursor protein processing and variants may increase Alzheimer's disease risk. <i>Annals of Neurology</i> , <b>2011</b> , 69, 47-64	9.4	79
166	Identification of novel loci for Alzheimer disease and replication of CLU, PICALM, and BIN1 in Caribbean Hispanic individuals. <i>Archives of Neurology</i> , <b>2011</b> , 68, 320-8		135
165	Meta-analysis of the association between variants in SORL1 and Alzheimer disease. <i>Archives of Neurology</i> , <b>2011</b> , 68, 99-106		135
164	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. <i>Autophagy</i> , <b>2011</b> , 7, 788-9	10.2	80
163	Comprehensive mutational analysis of LRRK2 reveals variants supporting association with autosomal dominant Parkinson's disease. <i>Journal of Human Genetics</i> , <b>2011</b> , 56, 671-5	4.3	9
162	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. <i>Brain</i> , <b>2011</b> , 134, 258-77	11.2	345

161	Intra-familial clinical heterogeneity due to FTL-D-U with TDP-43 proteinopathy caused by a novel deletion in progranulin gene (PGRN). <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 1123-33	4.3	16
160	Presenilin-1 holoprotein is an interacting partner of sarco endoplasmic reticulum calcium-ATPase and confers resistance to endoplasmic reticulum stress. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 20, 261-73	4.3	24
159	Group II metabotropic glutamate receptor stimulation triggers production and release of Alzheimer's amyloid(beta)42 from isolated intact nerve terminals. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 3870-5	6.6	66
158	An exploration of cognitive subgroups in Alzheimer's disease. <i>Journal of the International Neuropsychological Society</i> , <b>2010</b> , 16, 233-43	3.1	24
157	SPATACSIN mutations cause autosomal recessive juvenile amyotrophic lateral sclerosis. <i>Brain</i> , <b>2010</b> , 133, 591-8	11.2	184
156	Meta-analysis confirms CR1, CLU, and PICALM as alzheimer disease risk loci and reveals interactions with APOE genotypes. <i>Archives of Neurology</i> , <b>2010</b> , 67, 1473-84		330
155	Localization and trafficking of endogenous anterior pharynx-defective 1, a component of Alzheimer's disease related gamma-secretase. <i>Neuroscience Letters</i> , <b>2010</b> , 483, 53-6	3.3	1
154	Prevention of Alzheimer's disease in high risk groups: statin therapy in subjects with PSEN1 mutations or heterozygosity for apolipoprotein E epsilon 4. <i>Alzheimer's Research and Therapy</i> , <b>2010</b> , 2, 31	9	5
153	The effect of alcohol and tobacco consumption, and apolipoprotein E genotype, on the age of onset in Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , <b>2010</b> , 25, 511-8	3.9	68
152	TMP21 transmembrane domain regulates gamma-secretase cleavage. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28634-41	5.4	18
151	p53-Dependent transcriptional control of cellular prion by presenilins. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 6752-60	6.6	42
150	Long-term statin therapy and CSF cholesterol levels: implications for Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2009</b> , 27, 519-24	2.6	21
149	Brain traffic: subcellular transport of the amyloid precursor protein. <i>Archives of Neurology</i> , <b>2009</b> , 66, 433-4		7
148	APH1 polar transmembrane residues regulate the assembly and activity of presenilin complexes. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 16298-16307	5.4	26
147	p53-dependent control of cell death by nicastrin: lack of requirement for presenilin-dependent gamma-secretase complex. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109, 225-37	6	15
146	TMP21 regulates Abeta production but does not affect caspase-3, p53, and neprilysin. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 69-74	3.4	12
145	Will anti-amyloid therapies work for Alzheimer's disease?. <i>Lancet, The</i> , <b>2008</b> , 372, 180-2	4.0	64
144	IL5RA and TNFRSF6B gene variants are associated with sporadic IgA nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2008</b> , 19, 1025-33	12.7	26



143	Candidate single-nucleotide polymorphisms from a genomewide association study of Alzheimer disease. <i>Archives of Neurology</i> , <b>2008</b> , 65, 45-53		362
142	Association of distinct variants in SORL1 with cerebrovascular and neurodegenerative changes related to Alzheimer disease. <i>Archives of Neurology</i> , <b>2008</b> , 65, 1640-8		53
141	Microbleed topography, leukoaraiosis, and cognition in probable Alzheimer disease from the Sunnybrook dementia study. <i>Archives of Neurology</i> , <b>2008</b> , 65, 790-5		205
140	The in vivo brain interactome of the amyloid precursor protein. <i>Molecular and Cellular Proteomics</i> , <b>2008</b> , 7, 15-34	7.6	126
139	Loss of gamma-secretase function impairs endocytosis of lipoprotein particles and membrane cholesterol homeostasis. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 12097-106	6.6	54
138	GENETICS OF DEMENTIA. <i>CONTINUUM Lifelong Learning in Neurology</i> , <b>2008</b> , 14, 29-48	3	
137	Age-at-onset linkage analysis in Caribbean Hispanics with familial late-onset Alzheimer's disease. <i>Neurogenetics</i> , <b>2008</b> , 9, 51-60	3	24
136	Further examination of the candidate genes in chromosome 12p13 locus for late-onset Alzheimer disease. <i>Neurogenetics</i> , <b>2008</b> , 9, 127-38	3	23
135	Overexpression of human CRB1 or related isoforms, CRB2 and CRB3, does not regulate the human presenilin complex in culture cells. <i>Biochemistry</i> , <b>2007</b> , 46, 13704-10	3.2	7
134	The neuronal sortilin-related receptor SORL1 is genetically associated with Alzheimer disease. <i>Nature Genetics</i> , <b>2007</b> , 39, 168-77	36.3	888
133	Excess of nicastrin in brain results in heterozygosity having no effect on endogenous APP processing and amyloid peptide levels in vivo. <i>Neurobiology of Disease</i> , <b>2007</b> , 25, 291-6	7.5	8
132	A novel mutation in the SPG3A gene (atlastin) in hereditary spastic paraplegia. <i>Journal of Neurology</i> , <b>2007</b> , 254, 972-4	5.5	4
131	p53-Dependent Aph-1 and Pen-2 anti-apoptotic phenotype requires the integrity of the gamma-secretase complex but is independent of its activity. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 10516-25	5.4	18
130	The gamma/epsilon-secretase-derived APP intracellular domain fragments regulate p53. <i>Current Alzheimer Research</i> , <b>2007</b> , 4, 423-6	3	35
129	Study on the putative contribution of caspases and the proteasome to the degradation of Aph-1a and Pen-2. <i>Neurodegenerative Diseases</i> , <b>2007</b> , 4, 156-63	2.3	2
128	Genome-wide linkage scan of a large family with IgA nephropathy localizes a novel susceptibility locus to chromosome 2q36. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 2408-15	12.7	99
127	Statins differentially affect amyloid precursor protein metabolism in presymptomatic PS1 and non-PS1 subjects. <i>Archives of Neurology</i> , <b>2007</b> , 64, 1672-3		13
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1	Rapid Generation of Protein Condensate Phase Diagrams Using Combinatorial Droplet Microfluidics		12