

Peter R Schofield

List of Publications by Citations

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897
papers

80,919
citations

123
h-index

270
g-index

988
ext. papers

96,482
ext. citations

8.4
avg, IF

7.87
L-index

#	Paper	IF	Citations
897	The diagnosis of dementia due to Alzheimer's disease: recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2011 , 7, 263-9	1.2	8211
896	The Clinical Dementia Rating (CDR): current version and scoring rules. <i>Neurology</i> , 1993 , 43, 2412-4	6.5	6096
895	Association of missense and 5'-splice-site mutations in tau with the inherited dementia FTDP-17. <i>Nature</i> , 1998 , 393, 702-5	50.4	2903
894	Clinical and biomarker changes in dominantly inherited Alzheimer's disease. <i>New England Journal of Medicine</i> , 2012 , 367, 795-804	59.2	2272
893	Sequence and functional expression of the GABA A receptor shows a ligand-gated receptor super-family. <i>Nature</i> , 1987 , 328, 221-7	50.4	1510
892	Tangles and plaques in nondemented aging and "preclinical" Alzheimer's disease. <i>Annals of Neurology</i> , 1999 , 45, 358-68	9.4	1360
891	Profound loss of layer II entorhinal cortex neurons occurs in very mild Alzheimer's disease. <i>Journal of Neuroscience</i> , 1996 , 16, 4491-500	6.6	1359
890	Thinning of the cerebral cortex in aging. <i>Cerebral Cortex</i> , 2004 , 14, 721-30	5.1	1282
889	Importance of a novel GABAA receptor subunit for benzodiazepine pharmacology. <i>Nature</i> , 1989 , 338, 582-5	50.4	1203
888	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. <i>Nature Genetics</i> , 2011 , 43, 977-83	36.3	1094
887	Open Access Series of Imaging Studies (OASIS): cross-sectional MRI data in young, middle aged, nondemented, and demented older adults. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1498-507	3.1	952
886	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
885	A unified approach for morphometric and functional data analysis in young, old, and demented adults using automated atlas-based head size normalization: reliability and validation against manual measurement of total intracranial volume. <i>NeuroImage</i> , 2004 , 23, 724-38	7.9	905
884	Alzheimer's disease: the challenge of the second century. <i>Science Translational Medicine</i> , 2011 , 3, 77sr1	17.5	893
883	Clinical dementia rating: a reliable and valid diagnostic and staging measure for dementia of the Alzheimer type. <i>International Psychogeriatrics</i> , 1997 , 9 Suppl 1, 173-6; discussion 177-8	3.4	888
882	Prevalence of cerebral amyloid pathology in persons without dementia: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1924-38	27.4	842
881	Cerebrospinal fluid tau/beta-amyloid(42) ratio as a prediction of cognitive decline in nondemented older adults. <i>Archives of Neurology</i> , 2007 , 64, 343-9		727

880	The cortical signature of Alzheimer's disease: regionally specific cortical thinning relates to symptom severity in very mild to mild AD dementia and is detectable in asymptomatic amyloid-positive individuals. <i>Cerebral Cortex</i> , 2009 , 19, 497-510	5.1	669
879	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
878	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019 , 51, 793-803	36.3	662
877	APOE predicts amyloid-beta but not tau Alzheimer pathology in cognitively normal aging. <i>Annals of Neurology</i> , 2010 , 67, 122-31	9.4	618
876	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
875	Structural and functional basis for GABAA receptor heterogeneity. <i>Nature</i> , 1988 , 335, 76-9	50.4	583
874	Blood-brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019 , 25, 270-276	50.5	577
873	The Uniform Data Set (UDS): clinical and cognitive variables and descriptive data from Alzheimer Disease Centers. <i>Alzheimer Disease and Associated Disorders</i> , 2006 , 20, 210-6	2.5	568
872	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
871	ApoE4 markedly exacerbates tau-mediated neurodegeneration in a mouse model of tauopathy. <i>Nature</i> , 2017 , 549, 523-527	50.4	520
870	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
869	Two novel GABAA receptor subunits exist in distinct neuronal subpopulations. <i>Neuron</i> , 1989 , 3, 327-37	13.9	503
868	TDP-43 A315T mutation in familial motor neuron disease. <i>Annals of Neurology</i> , 2008 , 63, 535-8	9.4	497
867	Neuropathology of nondemented aging: presumptive evidence for preclinical Alzheimer disease. <i>Neurobiology of Aging</i> , 2009 , 30, 1026-36	5.6	485
866	Human amyloid-beta synthesis and clearance rates as measured in cerebrospinal fluid in vivo. <i>Nature Medicine</i> , 2006 , 12, 856-61	50.5	441
865	Neuron number in the entorhinal cortex and CA1 in preclinical Alzheimer disease. <i>Archives of Neurology</i> , 2001 , 58, 1395-402		433
864	Interactions between BDNF Val66Met polymorphism and early life stress predict brain and arousal pathways to syndromal depression and anxiety. <i>Molecular Psychiatry</i> , 2009 , 14, 681-95	15.1	430
863	Tau and Aβ imaging, CSF measures, and cognition in Alzheimer's disease. <i>Science Translational Medicine</i> , 2016 , 8, 338ra66	17.5	418

862	Sleep quality and preclinical Alzheimer disease. <i>JAMA Neurology</i> , 2013 , 70, 587-93	17.2	414
861	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019 , 179, 1469-1482.e11	56.2	402
860	Preclinical Alzheimer's disease and its outcome: a longitudinal cohort study. <i>Lancet Neurology</i> , 2013 , 12, 957-65	24.1	389
859	TDP-43 in familial and sporadic frontotemporal lobar degeneration with ubiquitin inclusions. <i>American Journal of Pathology</i> , 2007 , 171, 227-40	5.8	376
858	Serum neurofilament dynamics predicts neurodegeneration and clinical progression in presymptomatic Alzheimer's disease. <i>Nature Medicine</i> , 2019 , 25, 277-283	50.5	375
857	Pathologic correlates of nondemented aging, mild cognitive impairment, and early-stage Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2001 , 17, 101-18	3.3	359
856	APOE4 leads to blood-brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020 , 581, 71-76	50.4	356
855	Genome scan meta-analysis of schizophrenia and bipolar disorder, part III: Bipolar disorder. <i>American Journal of Human Genetics</i> , 2003 , 73, 49-62	11	353
854	Rare coding variants in the phospholipase D3 gene confer risk for Alzheimer's disease. <i>Nature</i> , 2014 , 505, 550-554	50.4	345
853	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , 2018 , 23, 932-942	15.1	340
852	GABAA receptor beta subunit heterogeneity: functional expression of cloned cDNAs. <i>EMBO Journal</i> , 1989 , 8, 1665-1670	13	330
851	Validation of clinical diagnostic criteria for Alzheimer's disease. <i>Annals of Neurology</i> , 1988 , 24, 17-22	9.4	327
850	At the interface of sensory and motor dysfunctions and Alzheimer's disease. <i>Alzheimer's & Dementia</i> , 2015 , 11, 70-98	1.2	271
849	Symptom onset in autosomal dominant Alzheimer disease: a systematic review and meta-analysis. <i>Neurology</i> , 2014 , 83, 253-60	6.5	266
848	Amyloid β concentrations and stable isotope labeling kinetics of human plasma specific to central nervous system amyloidosis. <i>Alzheimer's & Dementia</i> , 2017 , 13, 841-849	1.2	266
847	A polymorphism in the regulatory region of APOE associated with risk for Alzheimer's dementia. <i>Nature Genetics</i> , 1998 , 18, 69-71	36.3	266
846	GWAS of cerebrospinal fluid tau levels identifies risk variants for Alzheimer's disease. <i>Neuron</i> , 2013 , 78, 256-68	13.9	255
845	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254

844	Regional variability of imaging biomarkers in autosomal dominant Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4502-9	11.5	253
843	Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53949). <i>Molecular Psychiatry</i> , 2015 , 20, 183-92	15.1	250
842	Progressive supranuclear palsy pathology caused by a novel silent mutation in exon 10 of the tau gene: expansion of the disease phenotype caused by tau gene mutations. <i>Brain</i> , 2000 , 123 (Pt 5), 880-93 ^{11.2}		250
841	Genome-wide association study reveals two new risk loci for bipolar disorder. <i>Nature Communications</i> , 2014 , 5, 3339	17.4	248
840	White matter hyperintensities are a core feature of Alzheimer's disease: Evidence from the dominantly inherited Alzheimer network. <i>Annals of Neurology</i> , 2016 , 79, 929-39	9.4	247
839	High-precision plasma Amyloid 42/40 predicts current and future brain amyloidosis. <i>Neurology</i> , 2019 , 93, e1647-e1659	6.5	245
838	Longitudinal change in CSF biomarkers in autosomal-dominant Alzheimer's disease. <i>Science Translational Medicine</i> , 2014 , 6, 226ra30	17.5	244
837	Life events, first depression onset and the serotonin transporter gene. <i>British Journal of Psychiatry</i> , 2006 , 188, 210-5	5.4	237
836	The glycine receptor 1997 , 73, 121-46		235
835	Drug development in Alzheimer's disease: the path to 2025. <i>Alzheimer's Research and Therapy</i> , 2016 , 8, 39	9	234
834	Functional connectivity and graph theory in preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014 , 35, 757-68	5.6	230
833	Accelerated weight loss may precede diagnosis in Alzheimer disease. <i>Archives of Neurology</i> , 2006 , 63, 1312-7		230
832	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. <i>Lancet Neurology</i> , 2018 , 17, 241-250	24.1	224
831	Transient expression shows ligand gating and allosteric potentiation of GABAA receptor subunits. <i>Science</i> , 1988 , 242, 1306-8	33.3	224
830	Genome-wide association study identifies genetic variation in neurocan as a susceptibility factor for bipolar disorder. <i>American Journal of Human Genetics</i> , 2011 , 88, 372-81	11	221
829	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. <i>Lancet</i> , 2016 , 387, 1085-1093	40	216
828	Frontotemporal dementia and its subtypes: a genome-wide association study. <i>Lancet Neurology</i> , 2014 , 13, 686-99	24.1	207
827	Specific and common genes implicated across major mental disorders: a review of meta-analysis studies. <i>Journal of Psychiatric Research</i> , 2015 , 60, 1-13	5.2	202

826	On the path to 2025: understanding the Alzheimer's disease continuum. <i>Alzheimer's Research and Therapy</i> , 2017 , 9, 60	9	197
825	Longitudinal Cerebrospinal Fluid Biomarker Changes in Preclinical Alzheimer Disease During Middle Age. <i>JAMA Neurology</i> , 2015 , 72, 1029-42	17.2	190
824	Structural and functional characterization of the gamma 1 subunit of GABAA/benzodiazepine receptors.. <i>EMBO Journal</i> , 1990 , 9, 3261-3267	13	186
823	Evaluation of Tau Imaging in Staging Alzheimer Disease and Revealing Interactions Between β Amyloid and Tauopathy. <i>JAMA Neurology</i> , 2016 , 73, 1070-7	17.2	179
822	Genetics of dementia. <i>Lancet, The</i> , 2014 , 383, 828-40	40	179
821	Identification of intracellular and extracellular domains mediating signal transduction in the inhibitory glycine receptor chloride channel. <i>EMBO Journal</i> , 1997 , 16, 110-20	13	178
820	Aphasia in senile dementia of the Alzheimer type. <i>Annals of Neurology</i> , 1988 , 23, 365-70	9.4	176
819	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016 , 21, 108-17	15.1	175
818	Amyloid imaging and CSF biomarkers in predicting cognitive impairment up to 7.5 years later. <i>Neurology</i> , 2013 , 80, 1784-91	6.5	175
817	A missense mutation in the gene encoding the alpha 1 subunit of the inhibitory glycine receptor in the spasmodic mouse. <i>Nature Genetics</i> , 1994 , 7, 131-5	36.3	175
816	Molecular cloning and amino acid sequence of rat enkephalinase. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 144, 59-66	3.4	175
815	Version 3 of the Alzheimer Disease Centers' Neuropsychological Test Battery in the Uniform Data Set (UDS). <i>Alzheimer Disease and Associated Disorders</i> , 2018 , 32, 10-17	2.5	174
814	Phenotypic variability associated with progranulin haploinsufficiency in patients with the common 1477C-->T (Arg493X) mutation: an international initiative. <i>Lancet Neurology, The</i> , 2007 , 6, 857-68	24.1	174
813	HDDD2 is a familial frontotemporal lobar degeneration with ubiquitin-positive, tau-negative inclusions caused by a missense mutation in the signal peptide of progranulin. <i>Annals of Neurology</i> , 2006 , 60, 314-22	9.4	174
812	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
811	GSK3B polymorphisms alter transcription and splicing in Parkinson's disease. <i>Annals of Neurology</i> , 2005 , 58, 829-39	9.4	172
810	Cholinesterase inhibitors for Alzheimer's disease. <i>Drugs</i> , 2001 , 61, 41-52	12.1	172
809	Molecular cloning and amino acid sequence of human enkephalinase (neutral endopeptidase). <i>FEBS Letters</i> , 1988 , 229, 206-10	3.8	171

808	Molecular evidence of N-methyl-D-aspartate receptor hypofunction in schizophrenia. <i>Molecular Psychiatry</i> , 2013 , 18, 1185-92	15.1	169
807	Clinical delineation and localization to chromosome 9p13.3-p12 of a unique dominant disorder in four families: hereditary inclusion body myopathy, Paget disease of bone, and frontotemporal dementia. <i>Molecular Genetics and Metabolism</i> , 2001 , 74, 458-75	3.7	168
806	Circadian Rest-Activity Pattern Changes in Aging and Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2018 , 75, 582-590	17.2	166
805	Autosomal dominant dementia with widespread neurofibrillary tangles. <i>Annals of Neurology</i> , 1997 , 42, 564-72	9.4	161
804	Functional chloride channels by mammalian cell expression of rat glycine receptor subunit. <i>Neuron</i> , 1989 , 2, 1491-7	13.9	161
803	A soluble phosphorylated tau signature links tau, amyloid and the evolution of stages of dominantly inherited Alzheimer's disease. <i>Nature Medicine</i> , 2020 , 26, 398-407	50.5	160
802	Molecular cloning and expression of a chloride ion channel of cell nuclei. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12575-82	5.4	159
801	Ligand-gated ion channels: mechanisms underlying ion selectivity. <i>Progress in Biophysics and Molecular Biology</i> , 2004 , 86, 161-204	4.7	157
800	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
799	Early changes in CSF sTREM2 in dominantly inherited Alzheimer's disease occur after amyloid deposition and neuronal injury. <i>Science Translational Medicine</i> , 2016 , 8, 369ra178	17.5	155
798	Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's and Dementia</i> , 2019 , 15, 106-152	1.2	153
797	Neurogranin as a Cerebrospinal Fluid Biomarker for Synaptic Loss in Symptomatic Alzheimer Disease. <i>JAMA Neurology</i> , 2015 , 72, 1275-80	17.2	152
796	Mutation of an arginine residue in the human glycine receptor transforms beta-alanine and taurine from agonists into competitive antagonists. <i>Neuron</i> , 1995 , 14, 169-75	13.9	151
795	Mild senile dementia of the Alzheimer type: 2. Longitudinal assessment. <i>Annals of Neurology</i> , 1988 , 23, 477-84	9.4	151
794	Brain health: the importance of recognizing cognitive impairment: an IAGG consensus conference. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 731-9	5.9	149
793	Two novel (M233T and R278T) presenilin-1 mutations in early-onset Alzheimer's disease pedigrees and preliminary evidence for association of presenilin-1 mutations with a novel phenotype. <i>NeuroReport</i> , 1997 , 8, 1537-42	1.7	149
792	Sigma nonopioid intracellular receptor 1 mutations cause frontotemporal lobar degeneration-motor neuron disease. <i>Annals of Neurology</i> , 2010 , 68, 639-49	9.4	147
791	Heterozygous neuregulin 1 mice are more sensitive to the behavioural effects of Delta9-tetrahydrocannabinol. <i>Psychopharmacology</i> , 2007 , 192, 325-36	4.7	147

790	Tau haplotypes regulate transcription and are associated with Parkinson's disease. <i>Annals of Neurology</i> , 2004 , 55, 329-34	9.4	147
789	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
788	Effect of sleep on overnight cerebrospinal fluid amyloid β kinetics. <i>Annals of Neurology</i> , 2018 , 83, 197-204	9.4	147
787	Increased in vivo amyloid- β production, exchange, and loss in presenilin mutation carriers. <i>Science Translational Medicine</i> , 2013 , 5, 189ra77	17.5	144
786	Developing an international network for Alzheimer research: The Dominantly Inherited Alzheimer Network. <i>Clinical Investigation</i> , 2012 , 2, 975-984		144
785	Functional expression in <i>Xenopus</i> oocytes of the strychnine binding 48 kd subunit of the glycine receptor.. <i>EMBO Journal</i> , 1989 , 8, 695-700	13	144
784	The effects of aging and Alzheimer's disease on cerebral cortical anatomy: specificity and differential relationships with cognition. <i>NeuroImage</i> , 2013 , 76, 332-44	7.9	140
783	Altered motor activity, exploration and anxiety in heterozygous neuregulin 1 mutant mice: implications for understanding schizophrenia. <i>Genes, Brain and Behavior</i> , 2007 , 6, 677-87	3.6	140
782	Partial volume correction in quantitative amyloid imaging. <i>NeuroImage</i> , 2015 , 107, 55-64	7.9	138
781	Structure of the precursor to an enzyme mediating COOH-terminal amidation in peptide biosynthesis. <i>Molecular Endocrinology</i> , 1987 , 1, 777-90		135
780	Hyperekplexia associated with compound heterozygote mutations in the beta-subunit of the human inhibitory glycine receptor (GLRB). <i>Human Molecular Genetics</i> , 2002 , 11, 853-60	5.6	134
779	Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014. <i>Alzheimer's and Dementia</i> , 2015 , 11, 865-84	1.2	132
778	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , 2014 , 71, 1394-404	17.2	129
777	Longitudinal cognitive and biomarker changes in dominantly inherited Alzheimer disease. <i>Neurology</i> , 2018 , 91, e1295-e1306	6.5	129
776	The relationship between cerebrospinal fluid markers of Alzheimer pathology and positron emission tomography tau imaging. <i>Brain</i> , 2016 , 139, 2249-60	11.2	125
775	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. <i>Human Molecular Genetics</i> , 2016 , 25, 3383-3394	5.6	125
774	Tn5 mutagenesis of <i>Rhizobium trifolii</i> host-specific nodulation genes result in mutants with altered host-range ability. <i>Molecular Genetics and Genomics</i> , 1985 , 200, 463-471		123
773	Reduced non-rapid eye movement sleep is associated with tau pathology in early Alzheimer's disease. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	123

772	Loss of Brain Aerobic Glycolysis in Normal Human Aging. <i>Cell Metabolism</i> , 2017 , 26, 353-360.e3	24.6	121
771	Distinct agonist- and antagonist-binding sites on the glycine receptor. <i>Neuron</i> , 1992 , 9, 491-6	13.9	121
770	Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. <i>Lancet Neurology</i> , 2018 , 17, 64-74	24.1	121
769	Cerebrospinal fluid biomarkers measured by Elecsys assays compared to amyloid imaging. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1460-1469	1.2	120
768	Cerebrospinal Fluid A β 2/40 Corresponds Better than A β 2 to Amyloid PET in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 813-822	4.3	120
767	The contribution of apolipoprotein E alleles on cognitive performance and dynamic neural activity over six decades. <i>Biological Psychology</i> , 2007 , 75, 229-38	3.2	119
766	Diagnostic and Prognostic Utility of the Synaptic Marker Neurogranin in Alzheimer Disease. <i>JAMA Neurology</i> , 2016 , 73, 561-71	17.2	118
765	'Negativity bias' in risk for depression and anxiety: brain-body fear circuitry correlates, 5-HTT-LPR and early life stress. <i>NeuroImage</i> , 2009 , 47, 804-14	7.9	118
764	An atlas of cortical circular RNA expression in Alzheimer disease brains demonstrates clinical and pathological associations. <i>Nature Neuroscience</i> , 2019 , 22, 1903-1912	25.5	118
763	Assessment of Racial Disparities in Biomarkers for Alzheimer Disease. <i>JAMA Neurology</i> , 2019 , 76, 264-273	7.2	117
762	Influence of tau PET, amyloid PET, and hippocampal volume on cognition in Alzheimer disease. <i>Neurology</i> , 2018 , 91, e859-e866	6.5	116
761	Impaired default network functional connectivity in autosomal dominant Alzheimer disease. <i>Neurology</i> , 2013 , 81, 736-44	6.5	115
760	The brain-derived neurotrophic factor Val66Met polymorphism predicts response to exposure therapy in posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2013 , 73, 1059-63	7.9	114
759	DNA sequence of <i>Rhizobium trifolii</i> nodulation genes reveals a reiterated and potentially regulatory sequence preceding nodABC and nodFE. <i>Nucleic Acids Research</i> , 1986 , 14, 2891-903	20.1	114
758	Assessment of Response to Lithium Maintenance Treatment in Bipolar Disorder: A Consortium on Lithium Genetics (ConLiGen) Report. <i>PLoS ONE</i> , 2013 , 8, e65636	3.7	113
757	Chromosomal localization of GABAA receptor subunit genes: relationship to human genetic disease. <i>Neuron</i> , 1989 , 3, 647-54	13.9	112
756	Mutations in SLC20A2 are a major cause of familial idiopathic basal ganglia calcification. <i>Neurogenetics</i> , 2013 , 14, 11-22	3	111
755	An antidepressant decreases CSF A β production in healthy individuals and in transgenic AD mice. <i>Science Translational Medicine</i> , 2014 , 6, 236re4	17.5	111

754	Revised criteria for mild cognitive impairment may compromise the diagnosis of Alzheimer disease dementia. <i>Archives of Neurology</i> , 2012 , 69, 700-8		110
753	Differences in the A β 0/A β 2 ratio associated with cerebrospinal fluid lipoproteins as a function of apolipoprotein E genotype. <i>Annals of Neurology</i> , 2000 , 48, 201-210	9.4	110
752	A single amino acid determines differences in ethanol actions on strychnine-sensitive glycine receptors. <i>Molecular Pharmacology</i> , 1996 , 50, 402-6	4.3	109
751	Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: evidence from cognition, the P300 and fronto-hippocampal systems. <i>Biological Psychology</i> , 2009 , 80, 176-88	3.2	108
750	Large Deformation Diffeomorphism and Momentum Based Hippocampal Shape Discrimination in Dementia of the Alzheimer type. <i>IEEE Transactions on Medical Imaging</i> , 2007 , 26, 462-470	11.7	108
749	Genome-wide association study identifies four novel loci associated with Alzheimer's endophenotypes and disease modifiers. <i>Acta Neuropathologica</i> , 2017 , 133, 839-856	14.3	107
748	Version 3 of the National Alzheimer's Coordinating Center's Uniform Data Set. <i>Alzheimer Disease and Associated Disorders</i> , 2018 , 32, 351-358	2.5	107
747	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , 2017 , 13, 727-738	1.2	106
746	Serotonin transporter gene status predicts caudate nucleus but not amygdala or hippocampal volumes in older persons with major depression. <i>Journal of Affective Disorders</i> , 2007 , 98, 137-42	6.6	106
745	Evidence for genetic exchange and recombination of Rhizobium symbiotic plasmids in a soil population. <i>Applied and Environmental Microbiology</i> , 1987 , 53, 2942-7	4.8	106
744	Preclinical trials in autosomal dominant AD: implementation of the DIAN-TU trial. <i>Revue Neurologique</i> , 2013 , 169, 737-43	3	104
743	M2 pore mutations convert the glycine receptor channel from being anion- to cation-selective. <i>Biophysical Journal</i> , 2000 , 79, 247-59	2.9	104
742	Mild cognitive impairment (MCI) represents early-stage Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2005 , 7, 235-9; discussion 255-62	4.3	103
741	Novel presenilin 1 mutation (S170F) causing Alzheimer disease with Lewy bodies in the third decade of life. <i>Archives of Neurology</i> , 2005 , 62, 1821-30		102
740	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. <i>Translational Psychiatry</i> , 2017 , 7, e1155	8.6	100
739	Dominantly Inherited Alzheimer Network: facilitating research and clinical trials. <i>Alzheimer's Research and Therapy</i> , 2013 , 5, 48	9	100
738	The GABAA receptor: molecular biology reveals a complex picture. <i>Trends in Pharmacological Sciences</i> , 1989 , 10, 476-8	13.2	100
737	The progression of personality changes in senile dementia of the Alzheimer's type. <i>Journal of the American Geriatrics Society</i> , 1987 , 35, 721-5	5.6	100

736	Age and amyloid effects on human central nervous system amyloid-beta kinetics. <i>Annals of Neurology</i> , 2015 , 78, 439-53	9.4	98
735	Mutations affecting the glycine receptor agonist transduction mechanism convert the competitive antagonist, picrotoxin, into an allosteric potentiator. <i>Journal of Biological Chemistry</i> , 1995 , 270, 13799-8064	5.4	98
734	Molecular characterization of a new immunoglobulin superfamily protein with potential roles in opioid binding and cell contact.. <i>EMBO Journal</i> , 1989 , 8, 489-495	13	98
733	Pharmacotherapy of Alzheimer's disease: is there a need to redefine treatment success?. <i>International Journal of Geriatric Psychiatry</i> , 2001 , 16, 653-66	3.9	97
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112 [P2036]: HIPPOCAMPAL SCLEROSIS AND COMORBIDITIES IN THE AGING BRAIN **2017**, 13, P803-P803

111 [P3005]: EMERGING CSF BIOMARKERS AS PREDICTORS OF ALZHEIMER DISEASE DEMENTIA **2017**, 13, P1014-P1014

110 [P3057]: DECODING VARIABILITY IN AGE-AT-SYMPTOMATIC-ONSET BETWEEN PARENTS AND CHILDREN WITH SPORADIC ALZHEIMER DISEASE DEMENTIA **2017**, 13, P1041-P1042

109 [P4085]: NEUROPSYCHIATRIC SYMPTOMS AND ALZHEIMER DISEASE BIOMARKERS PREDICT DRIVING DECLINE **2017**, 13, P1335-P1335

108 [P4044]: WHITE MATTER INTEGRITY REFLECTS TAU ACCUMULATION IN AD-DEFINED REGIONS **2017**, 13, P1370-P1371

107 [IC-P-054]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: RESULTS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK **2017**, 13, P44-P45

- 106 [IC-P-061]: APOE4 EFFECT ON LONGITUDINAL VOLUMETRICS AND PIB ACCUMULATION IN PRECLINICAL ALZHEIMER DISEASE **2017**, 13, P50-P50
- 105 [IC-P-064]: BRAIN AEROBIC GLYCOLYSIS AND AD PATHOLOGY BIOMARKERS IN AUTOSOMAL DOMINANT AD **2017**, 13, P53-P53
- 104 [IC-P-138]: CORTICAL THINNING PATTERN IN AUTOSOMAL DOMINANT AD PREDICTS AMYLOID POSITIVITY IN SPORADIC AD **2017**, 13, P105-P105
- 103 [IC-P-151]: YEARS TO PARENTAL SYMPTOM ONSET PREDICTS AMYLOID BURDEN IN HEALTHY ELDERLY WITH A PARENTAL HISTORY OF SPORADIC ALZHEIMER'S DISEASE **2017**, 13, P114-P114
- 102 [IC-P-166]: UTILITY OF PERFUSION PET MODELS AS MEASURE OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE POPULATION: REPORT FROM THE DIAN STUDY **2017**, 13, P125-P126
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- 100 [IC-P-205]: BRAIN AEROBIC GLYCOLYSIS AND TAU DEPOSITION WITH [18F]-AV-1451 PET **2017**, 13, P149-P150
- 99 [IC-0102]: WHITE MATTER INTEGRITY REFLECTS TAU ACCUMULATION IN AD-DEFINED REGIONS **2017**, 13, P1-P2
- 98 [IC-0202]: RELATIONSHIP BETWEEN TAU POSITRON EMISSION TOMOGRAPHY WITH [18F]-AV-1451 AND LONGITUDINAL CORTICAL ATROPHY IN ALZHEIMER DISEASE **2017**, 13, P4-P5
- 97 [P1067]: BDNF VAL66MET INCREASES RATE OF MEMORY DECLINE, HIPPOCAMPAL VOLUME LOSS AND TAU ACCUMULATION IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE **2017**, 13, P351-P352
- 96 [P1002]: BRAIN AEROBIC GLYCOLYSIS AND AD PATHOLOGY BIOMARKERS IN AUTOSOMAL DOMINANT AD **2017**, 13, P427-P428
- 95 [P1022]: RELATIONSHIP BETWEEN TAU POSITRON EMISSION TOMOGRAPHY WITH [18F]-AV-1451 AND LONGITUDINAL CORTICAL ATROPHY IN ALZHEIMER DISEASE **2017**, 13, P440-P440
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- 93 [P2045]: APOE4 EFFECT ON LONGITUDINAL VOLUMETRICS AND PIB ACCUMULATION IN PRECLINICAL ALZHEIMER DISEASE **2017**, 13, P754-P754
- 92 [O10201]: CORTICAL THINNING PATTERN IN AUTOSOMAL DOMINANT AD PREDICTS AMYLOID POSITIVITY IN SPORADIC AD **2017**, 13, P184-P185
- 91 [O10203]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: FINDINGS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK **2017**, 13, P186
- 90 [O10103]: CEREBROSPINAL FLUID ENDOPHENOTYPES PROVIDE INSIGHT INTO BIOLOGY UNDERLYING ALZHEIMER'S DISEASE **2017**, 13, P218-P219
- 89 [O20105]: IMPACT OF COGNITIVE RESERVE AND PRECLINICAL AD ON LONGITUDINAL DRIVING PERFORMANCE **2017**, 13, P550-P551

- 88 [O20503]: CONCORDANCE BETWEEN CSF AD BIOMARKERS MEASURED BY THE AUTOMATED ELECSYS ASSAY AND IN VIVO AMYLOID IMAGING **2017**, 13, P561
- 87 [O20805]: NOVEL CANDIDATE VARIANTS IN LOAD DETECTED BY THE FAMILIAL ALZHEIMER SEQUENCING (FASE) PROJECT **2017**, 13, P572-P573
- 86 [S30102]: NEUROPATHOLOGIC HETEROGENEITY IN FAMILIAL AND LATE-ONSET ALZHEIMER'S DISEASE **2017**, 13, P877
- 85 [O30905]: BRAIN AEROBIC GLYCOLYSIS AND TAU DEPOSITION WITH [18F]-AV-1451 PET **2017**, 13, P922
- 84 [P4063]: PREDICTION OF INCIDENT DEMENTIA: LONGITUDINAL BIOMARKER AND CLINICAL CHANGES BEFORE AND AFTER **2017**, 13, P1508-P1510
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