Andrew J Saykin

List of Publications by Citations

825 papers	**40,206** citations	**108** h-index	**183** g-index
1,003 ext. papers	**48,948** ext. citations	**5.6** avg, IF	**7.01** L-index

#	Paper	IF	Citations
825	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. *Nature Genetics*, **2011**, 43, 436-41	36.3	1367
824	A conceptual framework for research on subjective cognitive decline in preclinical Alzheimer's disease. *Alzheimer's and Dementia*, **2014**, 10, 844-52	1.2	1219
823	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates Aβ, tau, immunity and lipid processing. *Nature Genetics*, **2019**, 51, 414-430	36.3	917
822	Neuropsychological function in schizophrenia. Selective impairment in memory and learning. *Archives of General Psychiatry*, **1991**, 48, 618-24		903
821	Neuropsychological deficits in neuroleptic naive patients with first-episode schizophrenia. *Archives of General Psychiatry*, **1994**, 51, 124-31		857
820	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
819	Candidate mechanisms for chemotherapy-induced cognitive changes. *Nature Reviews Cancer*, **2007**, 7, 192-201	31.3	624
818	Hippocampal volume reduction in schizophrenia as assessed by magnetic resonance imaging: a meta-analytic study. *Archives of General Psychiatry*, **1998**, 55, 433-40		602
817	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
816	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
815	Neuropsychologic impact of standard-dose systemic chemotherapy in long-term survivors of breast cancer and lymphoma. *Journal of Clinical Oncology*, **2002**, 20, 485-93	2.2	536
814	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. *Nature Genetics*, **2017**, 49, 1373-1384	36.3	508
813	Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61	36.3	498
812	Older adults with cognitive complaints show brain atrophy similar to that of amnestic MCI. *Neurology*, **2006**, 67, 834-42	6.5	423
811	Brain activation during working memory 1 month after mild traumatic brain injury: a functional MRI study. *Neurology*, **1999**, 53, 1300-8	6.5	409
810	Baseline MRI predictors of conversion from MCI to probable AD in the ADNI cohort. *Current Alzheimer Research*, **2009**, 6, 347-61	3	408
809	Differential working memory load effects after mild traumatic brain injury. *NeuroImage*, **2001**, 14, 1004-12	4.9	392

808	The Alzheimer's Disease Neuroimaging Initiative: a review of papers published since its inception. *Alzheimer's and Dementia*, **2012**, 8, S1-68	1.2	368
807	Longitudinal assessment of cognitive changes associated with adjuvant treatment for breast cancer: impact of age and cognitive reserve. *Journal of Clinical Oncology*, **2010**, 28, 4434-40	2.2	351
806	The Alzheimer's disease neuroimaging initiative: progress report and future plans. *Alzheimer's and Dementia*, **2010**, 6, 202-11.e7	1.2	332
805	Meta-analysis confirms CR1, CLU, and PICALM as alzheimer disease risk loci and reveals interactions with APOE genotypes. *Archives of Neurology*, **2010**, 67, 1473-84		330
804	Clinical Core of the Alzheimer's Disease Neuroimaging Initiative: progress and plans. *Alzheimer's and Dementia*, **2010**, 6, 239-46	1.2	308
803	The Alzheimer's Disease Neuroimaging Initiative: a review of papers published since its inception. *Alzheimer's and Dementia*, **2013**, 9, e111-94	1.2	296
802	Relationship between the Montreal Cognitive Assessment and Mini-mental State Examination for assessment of mild cognitive impairment in older adults. *BMC Geriatrics*, **2015**, 15, 107	4.1	290
801	Alzheimer's Disease Neuroimaging Initiative biomarkers as quantitative phenotypes: Genetics core aims, progress, and plans. *Alzheimer's and Dementia*, **2010**, 6, 265-73	1.2	279
800	Hippocampal atrophy as a quantitative trait in a genome-wide association study identifying novel susceptibility genes for Alzheimer's disease. *PLoS ONE*, **2009**, 4, e6501	3.7	269
799	Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. *NeuroImage*, **2010**, 53, 1051-63	7.9	266
798	The characterisation of subjective cognitive decline. *Lancet Neurology, The*, **2020**, 19, 271-278	24.1	259
797	Regional variability of imaging biomarkers in autosomal dominant Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E4502-9	11.5	253
796	Subjective Cognitive Decline in Older Adults: An Overview of Self-Report Measures Used Across 19 International Research Studies. *Journal of Alzheimer's Disease*, **2015**, 48 Suppl 1, S63-86	4.3	253
795	The relationship of APOE genotype to neuropsychological performance in long-term cancer survivors treated with standard dose chemotherapy. *Psycho-Oncology*, **2003**, 12, 612-9	3.9	252
794	White matter hyperintensities are a core feature of Alzheimer's disease: Evidence from the dominantly inherited Alzheimer network. *Annals of Neurology*, **2016**, 79, 929-39	9.4	247
793	Implementation of subjective cognitive decline criteria in research studies. *Alzheimer's and Dementia*, **2017**, 13, 296-311	1.2	245
792	Cognitive function in breast cancer patients prior to adjuvant treatment. *Breast Cancer Research and Treatment*, **2008**, 110, 143-52	4.4	239
791	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. *Lancet Neurology, The*, **2018**, 17, 241-250	24.1	224

790	Common genetic variants in the CLDN2 and PRSS1-PRSS2 loci alter risk for alcohol-related and sporadic pancreatitis. *Nature Genetics*, **2012**, 44, 1349-54	36.3	223
789	Gray matter reduction associated with systemic chemotherapy for breast cancer: a prospective MRI study. *Breast Cancer Research and Treatment*, **2010**, 123, 819-28	4.4	221
788	Mechanisms of working memory dysfunction after mild and moderate TBI: evidence from functional MRI and neurogenetics. *Journal of Neurotrauma*, **2006**, 23, 1450-67	5.4	215
787	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease-An emerging role for gut microbiome. *Alzheimer's and Dementia*, **2019**, 15, 76-92	1.2	208
786	2014 Update of the Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. *Alzheimer's and Dementia*, **2015**, 11, e1-120	1.2	206
785	Brain structure and function differences in monozygotic twins: possible effects of breast cancer chemotherapy. *Journal of Clinical Oncology*, **2007**, 25, 3866-70	2.2	204
784	Pathway analysis of genomic data: concepts, methods, and prospects for future development. *Trends in Genetics*, **2012**, 28, 323-32	8.5	203
783	A commonly carried allele of the obesity-related FTO gene is associated with reduced brain volume in the healthy elderly. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8404-9	11.5	202
782	Metabolic network failures in Alzheimer's disease: A biochemical roadmap. *Alzheimer's and Dementia*, **2017**, 13, 965-984	1.2	201
781	Voxelwise genome-wide association study (vGWAS). *NeuroImage*, **2010**, 53, 1160-74	7.9	197
780	Neurological and neuropsychological manifestations of HIV-1 infection: association with AIDS-related complex but not asymptomatic HIV-1 infection. *Annals of Neurology*, **1989**, 26, 592-600	9.4	191
779	Longitudinal MRI atrophy biomarkers: relationship to conversion in the ADNI cohort. *Neurobiology of Aging*, **2010**, 31, 1401-18	5.6	188
778	Cholinergic enhancement of frontal lobe activity in mild cognitive impairment. *Brain*, **2004**, 127, 1574-83	11.2	188
777	Brain and blood metabolite signatures of pathology and progression in Alzheimer disease: A targeted metabolomics study. *PLoS Medicine*, **2018**, 15, e1002482	11.6	187
776	In-home virtual reality videogame telerehabilitation in adolescents with hemiplegic cerebral palsy. *Archives of Physical Medicine and Rehabilitation*, **2010**, 91, 1-8.e1	2.8	183
775	Alterations in brain activation during working memory processing associated with breast cancer and treatment: a prospective functional magnetic resonance imaging study. *Journal of Clinical Oncology*, **2012**, 30, 2500-8	2.2	180
774	Executive dysfunction following traumatic brain injury: Neural substrates and treatment strategies. *NeuroRehabilitation*, **2002**, 17, 333-344	2	180
773	Cognitive-behavioral management of chemotherapy-related cognitive change. *Psycho-Oncology*, **2007**, 16, 772-7	3.9	177

772	Regional brain function in schizophrenia. I. A positron emission tomography study. *Archives of General Psychiatry*, **1987**, 44, 119-25		176
771	A novel Alzheimer disease locus located near the gene encoding tau protein. *Molecular Psychiatry*, **2016**, 21, 108-17	15.1	175
770	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
769	Apolipoprotein E (APOE) genotype has dissociable effects on memory and attentional-executive network function in Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10256-61	11.5	172
768	Genome-wide association study of Alzheimer's disease. *Translational Psychiatry*, **2012**, 2, e117	8.6	170
767	Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans. *Alzheimer's and Dementia*, **2015**, 11, 792-814	1.2	167
766	Cognitive effects of standard-dose chemotherapy in patients with cancer. *Cancer Investigation*, **2001**, 19, 812-20	2.1	165
765	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nature Neuroscience*, **2016**, 19, 420-431	25.5	163
764	Memory deficits before and after temporal lobectomy: effect of laterality and age of onset. *Brain and Cognition*, **1989**, 9, 191-200	2.7	159
763	Recent publications from the Alzheimer's Disease Neuroimaging Initiative: Reviewing progress toward improved AD clinical trials. *Alzheimer's and Dementia*, **2017**, 13, e1-e85	1.2	157
762	Association Between Anticholinergic Medication Use and Cognition, Brain Metabolism, and Brain Atrophy in Cognitively Normal Older Adults. *JAMA Neurology*, **2016**, 73, 721-32	17.2	157
761	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
760	Differential memory test sensitivity for diagnosing amnestic mild cognitive impairment and predicting conversion to Alzheimer's disease. *Aging, Neuropsychology, and Cognition*, **2009**, 16, 357-76	2.1	155
759	Deep Learning in Alzheimer's Disease: Diagnostic Classification and Prognostic Prediction Using Neuroimaging Data. *Frontiers in Aging Neuroscience*, **2019**, 11, 220	5.3	154
758	Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative. *Alzheimer's and Dementia*, **2019**, 15, 106-152	1.2	153
757	Development of CBT for chemotherapy-related cognitive change: results of a waitlist control trial. *Psycho-Oncology*, **2012**, 21, 176-86	3.9	151
756	Genome-wide association study of CSF biomarkers Abeta1-42, t-tau, and p-tau181p in the ADNI cohort. *Neurology*, **2011**, 76, 69-79	6.5	150
755	Brain health: the importance of recognizing cognitive impairment: an IAGG consensus conference. *Journal of the American Medical Directors Association*, **2015**, 16, 731-9	5.9	149

754	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
753	Structural and functional magnetic resonance imaging of autism spectrum disorders. *Brain Research*, **2011**, 1380, 146-61	3.7	146
752	Slowly progressive aphasia without generalized dementia: studies with positron emission tomography. *Annals of Neurology*, **1986**, 19, 68-74	9.4	146
751	APOE and BCHE as modulators of cerebral amyloid deposition: a florbetapir PET genome-wide association study. *Molecular Psychiatry*, **2014**, 19, 351-7	15.1	145
750	Frontal gray matter reduction after breast cancer chemotherapy and association with executive symptoms: a replication and extension study. *Brain, Behavior, and Immunity*, **2013**, 30 Suppl, S117-25	16.6	142
749	Regional brain atrophy in cognitively intact adults with a single APOE epsilon4 allele. *Neurology*, **2006**, 67, 1221-4	6.5	141
748	Verbal fluency performance in amnestic MCI and older adults with cognitive complaints. *Archives of Clinical Neuropsychology*, **2008**, 23, 229-41	2.7	140
747	Advanced cognitive training for breast cancer survivors: a randomized controlled trial. *Breast Cancer Research and Treatment*, **2012**, 135, 799-809	4.4	139
746	Partial volume correction in quantitative amyloid imaging. *NeuroImage*, **2015**, 107, 55-64	7.9	138
745	The Alzheimer's Disease Neuroimaging Initiative 3: Continued innovation for clinical trial improvement. *Alzheimer's and Dementia*, **2017**, 13, 561-571	1.2	137
744	Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014. *Alzheimer's and Dementia*, **2015**, 11, 865-84	1.2	132
743	The relationship between fMRI activation and cerebral atrophy: comparison of normal aging and alzheimer disease. *NeuroImage*, **2000**, 11, 179-87	7.9	131
742	Event-related functional magnetic resonance imaging of response inhibition in obsessive-compulsive disorder. *Biological Psychiatry*, **2007**, 62, 901-9	7.9	130
741	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. *JAMA Neurology*, **2014**, 71, 1394-404	17.2	129
740	Neuroanatomic substrates of semantic memory impairment in Alzheimer's disease: patterns of functional MRI activation. *Journal of the International Neuropsychological Society*, **1999**, 5, 377-92	3.1	128
739	Subjective cognitive decline and rates of incident Alzheimer's disease and non-Alzheimer's disease dementia. *Alzheimer's and Dementia*, **2019**, 15, 465-476	1.2	127
738	Intact motor imagery in chronic upper limb hemiplegics: evidence for activity-independent action representations. *Journal of Cognitive Neuroscience*, **2002**, 14, 841-52	3.1	126
737	Novel late-onset Alzheimer disease loci variants associate with brain gene expression. *Neurology*, **2012**, 79, 221-8	6.5	124

736	Genome-wide scan of healthy human connectome discovers SPON1 gene variant influencing dementia severity. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4768-73	11.5	123
735	Language before and after temporal lobectomy: specificity of acute changes and relation to early risk factors. *Epilepsia*, **1995**, 36, 1071-7	6.4	123
734	Genome-wide analysis reveals novel genes influencing temporal lobe structure with relevance to neurodegeneration in Alzheimer's disease. *NeuroImage*, **2010**, 51, 542-54	7.9	119
733	Assessment of the genetic variance of late-onset Alzheimer's disease. *Neurobiology of Aging*, **2016**, 41, 200.e13-200.e20	5.6	119
732	Spread of pathological tau proteins through communicating neurons in human Alzheimer's disease. *Nature Communications*, **2020**, 11, 2612	17.4	118
731	Altered default mode network connectivity in older adults with cognitive complaints and amnestic mild cognitive impairment. *Journal of Alzheimer's Disease*, **2013**, 35, 751-60	4.3	117
730	APOE effect on Alzheimer's disease biomarkers in older adults with significant memory concern. *Alzheimer's and Dementia*, **2015**, 11, 1417-1429	1.2	116
729	Breast cancer chemotherapy-related cognitive dysfunction. *Clinical Breast Cancer*, **2002**, 3 Suppl 3, S84-90		116
728	Functional differentiation of medial temporal and frontal regions involved in processing novel and familiar words: an fMRI study. *Brain*, **1999**, 122 (Pt 10), 1963-71	11.2	116
727	Impaired default network functional connectivity in autosomal dominant Alzheimer disease. *Neurology*, **2013**, 81, 736-44	6.5	115
726	Increased brain activation during working memory in cognitively intact adults with the APOE epsilon4 allele. *American Journal of Psychiatry*, **2006**, 163, 1603-10	11.9	115
725	Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. *Bioinformatics*, **2012**, 28, 229-37	7.2	114
724	Functional MRI of mild traumatic brain injury (mTBI): progress and perspectives from the first decade of studies. *Brain Imaging and Behavior*, **2012**, 6, 193-207	4.1	114
723	Neuroimaging findings in mild traumatic brain injury. *Journal of Clinical and Experimental Neuropsychology*, **2001**, 23, 775-91	2.1	114
722	Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. *Brain Imaging and Behavior*, **2014**, 8, 183-207	4.1	111
721	Genome-wide association with MRI atrophy measures as a quantitative trait locus for Alzheimer's disease. *Molecular Psychiatry*, **2011**, 16, 1130-8	15.1	111
720	Sex-dependent association of common variants of microcephaly genes with brain structure. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 384-8	11.5	111
719	Functional MRI localisation of central nervous system regions associated with volitional inspiration in humans. *Journal of Physiology*, **1999**, 520 Pt 2, 383-92	3.9	111

718	The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). *Frontiers in Aging Neuroscience*, **2013**, 5, 11	5.3	110
717	Mechanisms of chemotherapy-induced cognitive disorders: neuropsychological, pathophysiological, and neuroimaging perspectives. *Seminars in Clinical Neuropsychiatry*, **2003**, 8, 201-16		108
716	Genome-wide association study identifies four novel loci associated with Alzheimer's endophenotypes and disease modifiers. *Acta Neuropathologica*, **2017**, 133, 839-856	14.3	107
715	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. *Alzheimer's and Dementia*, **2017**, 13, 727-738	1.2	106
714	Network approaches to systems biology analysis of complex disease: integrative methods for multi-omics data. *Briefings in Bioinformatics*, **2018**, 19, 1370-1381	13.4	106
713	Pathways to neurodegeneration: mechanistic insights from GWAS in Alzheimer's disease, Parkinson's disease, and related disorders. *American Journal of Neurodegenerative Disease*, **2013**, 2, 145-75	2.5	106
712	Sex differences in semantic language processing: a functional MRI study. *Brain and Language*, **2003**, 84, 264-72	2.9	105
711	Self- and informant reports of executive function on the BRIEF-A in MCI and older adults with cognitive complaints. *Archives of Clinical Neuropsychology*, **2006**, 21, 721-32	2.7	104
710	Neurological complications of human immunodeficiency virus infection in patients with lymphadenopathy syndrome. *Annals of Neurology*, **1988**, 23, 49-55	9.4	104
709	A noninvasive protocol for anterior temporal lobectomy. *Neurology*, **1992**, 42, 416-22	6.5	104
708	Alterations in brain structure and function in breast cancer survivors: effect of post-chemotherapy interval and relation to oxidative DNA damage. *Breast Cancer Research and Treatment*, **2013**, 137, 493-502	4.4	100
707	Quality of life of long-term survivors of breast cancer and lymphoma treated with standard-dose chemotherapy or local therapy. *Journal of Clinical Oncology*, **2005**, 23, 4399-405	2.2	100
706	Genome-wide association study of the rate of cognitive decline in Alzheimer's disease. *Alzheimer's and Dementia*, **2014**, 10, 45-52	1.2	98
705	Cognitive impairment in older patients with breast cancer before systemic therapy: is there an interaction between cancer and comorbidity?. *Journal of Clinical Oncology*, **2014**, 32, 1909-18	2.2	98
704	Working memory deficits after traumatic brain injury: catecholaminergic mechanisms and prospects for treatment -- a review. *Brain Injury*, **2004**, 18, 331-50	2.1	98
703	Voxelwise gene-wide association study (vGeneWAS): multivariate gene-based association testing in 731 elderly subjects. *NeuroImage*, **2011**, 56, 1875-91	7.9	96
702	Brain activation patterns associated with working memory in relapsing-remitting MS. *Neurology*, **2004**, 62, 234-8	6.5	96
701	Executive dysfunction in attention-deficit/hyperactivity disorder: cognitive and neuroimaging findings. *Psychiatric Clinics of North America*, **2004**, 27, 83-96, ix	3.1	96

700	Adult neurogenesis and neurodegenerative diseases: A systems biology perspective. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2017**, 174, 93-112	3.5	95
699	Visual contrast sensitivity in Alzheimer's disease, mild cognitive impairment, and older adults with cognitive complaints. *Neurobiology of Aging*, **2013**, 34, 1133-44	5.6	95
698	A large scale multivariate parallel ICA method reveals novel imaging-genetic relationships for Alzheimer's disease in the ADNI cohort. *NeuroImage*, **2012**, 60, 1608-21	7.9	95
697	Apathy in schizophrenia: reduced frontal lobe volume and neuropsychological deficits. *American Journal of Psychiatry*, **2004**, 161, 157-9	11.9	95
696	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. *Alzheimer's and Dementia*, **2019**, 15, 232-244	1.2	95
695	Cognitive effects of cancer and its treatments at the intersection of aging: what do we know; what do we need to know?. *Seminars in Oncology*, **2013**, 40, 709-25	5.5	94
694	Acute naming deficits following dominant temporal lobectomy: prediction by age at 1st risk for seizures. *Neurology*, **1990**, 40, 1509-12	6.5	94
693	Identifying disease sensitive and quantitative trait-relevant biomarkers from multidimensional heterogeneous imaging genetics data via sparse multimodal multitask learning. *Bioinformatics*, **2012**, 28, i127-36	7.2	90
692	Characteristics and variability of structural networks derived from diffusion tensor imaging. *NeuroImage*, **2012**, 61, 1153-64	7.9	89
691	GWAS of longitudinal amyloid accumulation on 18F-florbetapir PET in Alzheimer's disease implicates microglial activation gene IL1RAP. *Brain*, **2015**, 138, 3076-88	11.2	88
690	Neuroimaging biomarkers of neurodegenerative diseases and dementia. *Seminars in Neurology*, **2013**, 33, 386-416	3.2	87
689	Regionally specific atrophy of the corpus callosum in AD, MCI and cognitive complaints. *Neurobiology of Aging*, **2006**, 27, 1613-7	5.6	86
688	Brain activation on fMRI and verbal memory ability: functional neuroanatomic correlates of CVLT performance. *Journal of the International Neuropsychological Society*, **2001**, 7, 55-62	3.1	85
687	APOE genotype and neuroimaging markers of Alzheimer's disease: systematic review and meta-analysis. *Journal of Neurology, Neurosurgery and Psychiatry*, **2015**, 86, 127-34	5.5	84
686	Neuroimaging and other biomarkers for Alzheimer's disease: the changing landscape of early detection. *Annual Review of Clinical Psychology*, **2013**, 9, 621-48	20.5	84
685	Normative neuropsychological test performance: effects of age, education, gender and ethnicity. *Applied Neuropsychology*, **1995**, 2, 79-88		83
684	Specific frontal lobe subregions correlated with unawareness of illness in schizophrenia: a preliminary study. *Journal of Neuropsychiatry and Clinical Neurosciences*, **2001**, 13, 255-7	2.7	81
683	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	30.6	81

682	Selective changes in white matter integrity in MCI and older adults with cognitive complaints. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2012**, 1822, 423-30	6.9	79
681	Age-related deficits in fronto-temporal connections in schizophrenia: a diffusion tensor imaging study. *Schizophrenia Research*, **2008**, 102, 181-8	3.6	79
680	The fornix and mammillary bodies in older adults with Alzheimer's disease, mild cognitive impairment, and cognitive complaints: a volumetric MRI study. *Psychiatry Research - Neuroimaging*, **2006**, 147, 93-103	2.9	78
679	Genome-wide association analysis of age-at-onset in Alzheimer's disease. *Molecular Psychiatry*, **2012**, 17, 1340-6	15.1	75
678	Regional reproducibility of pulsed arterial spin labeling perfusion imaging at 3T. *NeuroImage*, **2011**, 54, 1188-95	7.9	75
677	Association between mitochondrial DNA variations and Alzheimer's disease in the ADNI cohort. *Neurobiology of Aging*, **2010**, 31, 1355-63	5.6	75
676	Cancer chemotherapy impairs contextual but not cue-specific fear memory. *Behavioural Brain Research*, **2007**, 181, 168-72	3.4	73
675	Comparison of mesial versus neocortical onset temporal lobe seizures: neurodiagnostic findings and surgical outcome. *Epilepsia*, **1995**, 36, 662-70	6.4	73
674	Mild cognitive impairment: conceptual issues and structural and functional brain correlates. *Seminars in Clinical Neuropsychiatry*, **2003**, 8, 12-30		72
673	Chronic deep brain stimulation for the treatment of tremor in multiple sclerosis: review and case reports. *Journal of Neurology, Neurosurgery and Psychiatry*, **2003**, 74, 1392-7	5.5	71
672	Alzheimer disease brain atrophy subtypes are associated with cognition and rate of decline. *Neurology*, **2017**, 89, 2176-2186	6.5	70
671	Frontolimbic atrophy is associated with agitation and aggression in mild cognitive impairment and Alzheimer's disease. *Alzheimer's and Dementia*, **2013**, 9, S95-S104.e1	1.2	70
670	Comparison of manual and automated determination of hippocampal volumes in MCI and early AD. *Brain Imaging and Behavior*, **2010**, 4, 86-95	4.1	69
669	A surface-based approach for classification of 3D neuroanatomic structures. *Intelligent Data Analysis*, **2004**, 8, 519-542	1.1	68
668	Executive dysfunction following traumatic brain injury: neural substrates and treatment strategies. *NeuroRehabilitation*, **2002**, 17, 333-44	2	67
667	Structured sparse canonical correlation analysis for brain imaging genetics: an improved GraphNet method. *Bioinformatics*, **2016**, 32, 1544-51	7.2	66
666	Effect of complement CR1 on brain amyloid burden during aging and its modification by APOE genotype. *Biological Psychiatry*, **2013**, 73, 422-8	7.9	66
665	Long-term seizure, cognitive, and psychiatric outcome following trans-middle temporal gyrus amygdalohippocampectomy and standard temporal lobectomy. *Journal of Neurosurgery*, **2013**, 119, 16-23	3.2	66

664	Single nucleotide polymorphisms in ANKK1 and the dopamine D2 receptor gene affect cognitive outcome shortly after traumatic brain injury: a replication and extension study. *Brain Injury*, **2008**, 22, 705-14	2.1	64
663	Whole-exome sequencing and imaging genetics identify functional variants for rate of change in hippocampal volume in mild cognitive impairment. *Molecular Psychiatry*, **2013**, 18, 781-7	15.1	63
662	COMT Val158Met Genotype and Individual Differences in Executive Function in Healthy Adults. *Journal of the International Neuropsychological Society*, **2011**, 17, 174-80	3.1	63
661	Clinical significance of sleep apnea in the elderly. *The American Review of Respiratory Disease*, **1987**, 136, 845-50		63
660	Association of Altered Liver Enzymes With Alzheimer Disease Diagnosis, Cognition, Neuroimaging Measures, and Cerebrospinal Fluid Biomarkers. *JAMA Network Open*, **2019**, 2, e197978	10.4	60
659	Polymorphisms in the brain-derived neurotrophic factor gene influence memory and processing speed one month after brain injury. *Journal of Neurotrauma*, **2012**, 29, 1111-8	5.4	60
658	The Cognitive Change Index as a Measure of Self and Informant Perception of Cognitive Decline: Relation to Neuropsychological Tests. *Journal of Alzheimer's Disease*, **2016**, 51, 1145-55	4.3	60
657	Cancer-Related Cognitive Outcomes Among Older Breast Cancer Survivors in the Thinking and Living With Cancer Study. *Journal of Clinical Oncology*, **2018**, JCO1800140	2.2	60
656	Neuropathological correlates and genetic architecture of microglial activation in elderly human brain. *Nature Communications*, **2019**, 10, 409	17.4	59
655	Self-rated and informant-rated everyday function in comparison to objective markers of Alzheimer's disease. *Alzheimer's and Dementia*, **2015**, 11, 1080-9	1.2	58
654	Neuropsychological functioning in hemiparkinsonism. *Brain and Cognition*, **1989**, 9, 244-57	2.7	58
653	Decreased cerebral blood flow in chronic pediatric mild TBI: an MRI perfusion study. *Developmental Neuropsychology*, **2015**, 40, 40-4	1.8	57
652	Smaller brain size associated with unawareness of illness in patients with schizophrenia. *American Journal of Psychiatry*, **2000**, 157, 1167-9	11.9	57
651	Associations of the Top 20 Alzheimer Disease Risk Variants With Brain Amyloidosis. *JAMA Neurology*, **2018**, 75, 328-341	17.2	56
650	The pattern of atrophy in familial Alzheimer disease: volumetric MRI results from the DIAN study. *Neurology*, **2013**, 81, 1425-33	6.5	56
649	Sparse Multi-Task Regression and Feature Selection to Identify Brain Imaging Predictors for Memory Performance. *Proceedings of the IEEE International Conference on Computer Vision*, **2011**, 557-562	2.3	56
648	Genome-wide pathway analysis of memory impairment in the Alzheimer's Disease Neuroimaging Initiative (ADNI) cohort implicates gene candidates, canonical pathways, and networks. *Brain Imaging and Behavior*, **2012**, 6, 634-48	4.1	55
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265	IC-P-094: ALTERED FMRI ACTIVATION PATTERN DURING VISUAL SCENE ENCODING IN AFFECTED AND NON-AFFECTED CARRIERS OF PSEN1 AND APP MUTATIONS **2014**, 10, P53-P53		1
264	P1-201: Genetic findings using ADNI multimodal quantitative phenotypes: A 2014 update **2015**, 11, P426-P426		1
263	[IC-P-063]: KLK8 AS A MODULATOR OF ALZHEIMER's DISEASE PATHOLOGY: NEUROIMAGING GENETICS **2017**, 13, P51-P53		1
262	[P1-449]: RESTING STATE NETWORK MODULARITY ALONG THE PRODROMAL LATE ONSET ALZHEIMER's DISEASE CONTINUUM **2017**, 13, P457-P457		1
261	[P1-552]: SOCIAL NETWORKS AND COGNITIVE PERFORMANCE IN OLDER ADULTS WITH NORMAL COGNITION, MILD COGNITIVE IMPAIRMENT, AND MILD ALZHEIMER's DISEASE **2017**, 13, P505-P506		1
260	[P4-034]: LINKING MEASURES OF SUBJECTIVE COGNITION ACROSS INTERNATIONAL AGING STUDIES USING ITEM RESPONSE THEORY **2017**, 13, P1554-P1555		1
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243	Planar cell polarity pathway and development of the human visual cortex		1
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233	P2-098: Whole Brain Surface-Based Analysis Identified Brain Atrophy Associated with SNPS in FRMD6 Linked to Alzheimer's Disease **2016**, 12, P648-P650		1

232	O5-01-04: EXAMINING THE EFFECT OF THE TOP 20 ALZHEIMER'S DISEASE RISK VARIANTS ON BRAIN AMYLOIDOSIS, STRUCTURAL ATROPHY AND METABOLISM **2016**, 12, P376-P377		1
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226	IC-P-092: COGNITIVELY DEFINED SUBTYPES OF ALZHEIMER'S DISEASE ARE ASSOCIATED WITH DISTINCT PATTERNS OF ATROPHY **2018**, 14, P76-P79		1
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197	[P3-087]: MICRORNA AND GENE NETWORKS UNDERLYING THE INVERSE ASSOCIATION OF CANCER AND ALZHEIMER's DISEASE **2017**, 13, P966-P966		

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190	Sex differences in genetic predictors of resilience to Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e043259	1.2
189	Cognitive symptoms in early postmenopausal women: Impact on estrogen-sensitive cholinergic function. *Alzheimer's and Dementia*, **2020**, 16, e044618	1.2
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187	Audio-visual speech perception is associated with cerebral tau deposition on [18F]flortaucipir PET. *Alzheimer's and Dementia*, **2020**, 16, e045297	1.2
186	Development and validation of composite scores for language and visuospatial functioning in ADNI. *Alzheimer's and Dementia*, **2020**, 16, e045508	1.2
185	Genetic drivers of longevity provide protection against Alzheimer's disease pathology. *Alzheimer's and Dementia*, **2020**, 16, e045570	1.2
184	Increased white matter MRI T1 hypointensity volume in young-onset Alzheimer's disease patients is not accounted for by age or cardiovascular risk factors. *Alzheimer's and Dementia*, **2020**, 16, e045577	1.2
183	A network-based, multi-omics atlas for target identification and prioritization in Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e045594	1.2
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177   IC-P-172: GENOME-WIDE PROTEIN INTERACTION GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY **2014**, 10, P95-P96

176   IC-P-173: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI **2014**, 10, P96-P97

175   IC-P-177: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013 **2014**, 10, P99-P100

174   P3-102: VISUAL AND AUDITORY CHANGES ARE ASSOCIATED WITH NEUROIMAGING BIOMARKERS DURING PRODROMAL STAGES OF ALZHEIMER'S DISEASE **2014**, 10, P665-P666

173   P1-230: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI **2014**, 10, P388-P388

172   IC-P-095: TWO-YEAR LONGITUDINAL CHANGE IN AMYLOID DEPOSITION, GLUCOSE METABOLISM, AND HIPPOCAMPAL ATROPHY IN ADNI-2 PARTICIPANTS: RELATION TO GENETIC RISK **2014**, 10, P53-P54

171   IC-P-097: VISUAL AND AUDITORY CHANGES ARE ASSOCIATED WITH NEUROIMAGING BIOMARKERS DURING PRODROMAL STAGES OF ALZHEIMER'S DISEASE **2014**, 10, P54-P55

170   O1-01-03: COMPARATIVE ANALYSIS OF PIB IN VIVO WITH 6-CN-PIB AND AB-IMMUNOHISTOCHEMISTRY POSTMORTEM IN FAMILIAL ALZHEIMER'S DISEASE ASSOCIATED WITH THE PSEN1 I229F MUTATION **2014**, 10, P129-P129

169   P4-105: ALTERED FMRI ACTIVATION PATTERN DURING VISUAL SCENE ENCODING IN AFFECTED AND NON-AFFECTED CARRIERS OF PSEN1 AND APP MUTATIONS **2014**, 10, P822-P823

168   IC-P-174: RARE VARIANT IN PLD3 IS ASSOCIATED WITH ALZHEIMER'S PATTERN OF NEURODEGENERATIVE CHANGES **2014**, 10, P97-P97

167   P3-024: NEXT-GENERATION SEQUENCING OF THE BCHE LOCUS IDENTIFIES A FUNCTIONAL SNP ASSOCIATED WITH ALZHEIMER'S DISEASE BIOMARKERS AND AGE OF ONSET **2014**, 10, P636-P636

166   O2-03-01: INCREASED AMYLOID DEPOSITION IN OLDER ADULTS AT RISK FOR PROGRESSION TO ALZHEIMER'S DISEASE DUE TO GENETIC BACKGROUND AND/OR THE PRESENCE OF SIGNIFICANT MEMORY CONCERNS **2014**, 10, P167-P167

165   IC-P-096: INCREASED AMYLOID DEPOSITION IN OLDER ADULTS AT RISK FOR PROGRESSION TO ALZHEIMER'S DISEASE DUE TO GENETIC BACKGROUND AND/OR THE PRESENCE OF SIGNIFICANT MEMORY CONCERNS **2014**, 10, P54-P54

164   P1-213: GENOME-WIDE PROTEIN INTERACTION-GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY **2014**, 10, P381-P382

163   IC-P-032: COMPARATIVE ANALYSIS OF PIB IN VIVO WITH 6-CN-PIB AND Aβ-IMMUNOHISTOCHEMISTRY POSTMORTEM IN FAMILIAL ALZHEIMER DISEASE ASSOCIATED WITH THE PSEN1 I229F MUTATION **2014**, 10, P20-P21

162   P3-017: ASSOCIATION ANALYSIS OF RARE VARIANTS NEAR THE APOE REGION WITH CEREBROSPINAL FLUID (CSF) BIOMARKERS OF ALZHEIMER'S DISEASE **2014**, 10, P632-P633

161   P1-141: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013 **2014**, 10, P351-P351

142   IC-P-034: Anticholinergic medication use in older adults is associated with memory and hippocampal volume **2015**, 11, P32-P32

141   IC-O1-03: Hippocampal transcriptome-guided gene-gene interaction of memory phenotype in MCI and Alzheimer's disease **2013**, 9, P4-P4

140   [IC-P-084]: VISUAL LEARNING ON THE COGSTATE BATTERY IS ASSOCIATED WITH AMYLOID, TAU, AND NEURODEGENERATION IN COGNITIVELY NORMAL OLDER ADULTS **2017**, 13, P68-P69

139   [P4-020]: DEVELOPMENT OF A TAU BIOLOGICAL NETWORK FOR GENETIC ANALYSIS OF TAUOPATHIES **2017**, 13, P1492

138   [IC-01-04]: A ROBUST, SIMPLIFIED BRAAK-TYPE CLASSIFICATION SCHEME FOR FLORTAUCIPIR F-18 TAU PET IMAGES **2017**, 13, P3-P3

137   [P2-072]: UTILITY OF PERFUSION PET MODELS AS MEASURES OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER's DISEASE POPULATION: REPORT FROM THE DIAN STUDY **2017**, 13, P768-P769

136   [IC-P-056]: ADORA2A POLYMORPHISM IS ASSOCIATED WITH CEREBRAL BLOOD FLOW IN MILD COGNITIVE IMPAIRMENT (MCI) AND ALZHEIMER'S DISEASE **2017**, 13, P46-P46

135   [P1-045]: HETEROGENEITY OF RISK ACROSS NON-VASCULAR RISK FACTORS FOR SPECIFIC COGNITIVELY-DEFINED ALZHEIMER's DISEASE SUBGROUPS **2017**, 13, P339-P340

134   [P2-056]: COMPARING IMAGING PHENOTYPES OF AMNESTIC EARLY VERSUS LATE-ONSET AMYLOID-POSITIVE MILD COGNITIVE IMPAIRMENT AND DEMENTIA ADNI SUBJECTS **2017**, 13, P759-P760

133   [P2-064]: VISUAL LEARNING ON THE COGSTATE BATTERY IS ASSOCIATED WITH AMYLOID, TAU, AND NEURODEGENERATION IN COGNITIVELY NORMAL OLDER ADULTS **2017**, 13, P764-P765

132   [P2-017]: LANGUAGE FLUENCY PREDICTS RESTING STATE NETWORK CONNECTIVITY PATTERN **2017**, 13, P793-P794

131   [P3-011]: A ROBUST, SIMPLIFIED BRAAK-TYPE CLASSIFICATION SCHEME FOR FLORTAUCIPIR F 18 TAU PET IMAGES **2017**, 13, P1066-P1066

130   [P4-030]: ROLE OF SP1 AND OTHER TRANSCRIPTION FACTORS (TFS) IN ALZHEIMER's DISEASE (AD) **2017**, 13, P1266-P1267

129   [P4-190]: SELECTIVE ESTROGEN EFFECTS ON CHOLINERGIC-RELATED COGNITIVE PERFORMANCE AND FMRI IN POSTMENOPAUSAL WOMEN WITH AND WITHOUT SUBJECTIVE COGNITIVE DECLINE **2017**, 13, P1337-P1338

128   [P4-224]: AXONAL DENSITY IS ASSOCIATED WITH SUBJECTIVE COGNITIVE DECLINE (SCD) IN OLDER ADULTS ASSESSED USING THE COGNITIVE CHANGE INDEX **2017**, 13, P1355-P1356

127   [P1-051]: VEGFA IS ASSOCIATED WITH CEREBRAL BLOOD FLOW AND WHITE MATTER HYPERINTENSITY IN MILD COGNITIVE IMPAIRMENT (MCI) AND ALZHEIMER'S DISEASE **2017**, 13, P300-P301

126   [P4-086]: COMPARING IMAGING PHENOTYPES OF AMNESTIC EARLY- VERSUS LATE-ONSET AMYLOID-NEGATIVE MILD COGNITIVE IMPAIRMENT AND DEMENTIA ADNI SUBJECTS **2017**, 13, P1440-P1441

125   [IC-P-027]: LANGUAGE FLUENCY PREDICTS RESTING STATE NETWORK CONNECTIVITY PATTERN **2017**, 13, P25-P26

124   [IC-P-070]: ASSOCIATIONS BETWEEN SOCIAL NETWORK CHARACTERISTICS AND CORTICAL THICKNESS AND HIPPOCAMPAL VOLUME IN COGNITIVELY NORMAL SUBJECTS **2017**, 13, P58-P59

123   [IC-P-099]: NEURODEGENERATIVE PATTERNS OF COGNITIVE CLUSTERS OF EARLY ONSET AD SUBJECTS: EVIDENCE FOR DISEASE HETEROGENEITY **2017**, 13, P75-P76

122   [IC-P-105]: COMPARING IMAGING PHENOTYPES OF AMNESTIC EARLY- VERSUS LATE-ONSET AMYLOID-POSITIVE MILD COGNITIVE IMPAIRMENT AND DEMENTIA ADNI SUBJECTS **2017**, 13, P80-P81

121   [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

120   [IC-P-216]: COMPARING IMAGING PHENOTYPES OF AMNESTIC EARLY VERSUS LATE-ONSET AMYLOID-NEGATIVE MILD COGNITIVE IMPAIRMENT AND DEMENTIA ADNI SUBJECTS **2017**, 13, P155-P156

119   [IC-02-04]: AXONAL DENSITY IS ASSOCIATED WITH SUBJECTIVE COGNITIVE DECLINE (SCD) IN OLDER ADULTS ASSESSED USING THE COGNITIVE CHANGE INDEX **2017**, 13, P6-P7

118   [P2-111]: ADORA2A POLYMORPHISM IS ASSOCIATED WITH CEREBRAL BLOOD FLOW IN MILD COGNITIVE IMPAIRMENT (MCI) AND ALZHEIMER'S DISEASE **2017**, 13, P649-P649

117   [P2-120]: INVESTIGATION OF GENETIC INFLUENCES ON ATROPHY RATE DURING THE MCI DISEASE STAGE USING A BOOTSTRAP-ENHANCED SPARSE ASSOCIATION MODEL **2017**, 13, P653-P653

116   [P2-220]: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2016 UPDATE **2017**, 13, P694-P695

115   [F1-02-04]: INTEGRATING MULTI-MODALITY IMAGING AND MULTI-LAYER -OMICS TO ADVANCE THE SYSTEMS BIOLOGY OF ALZHEIMER's DISEASE **2017**, 13, P175

114   [O1-11-02]: GENOME-WIDE ASSOCIATION ANALYSIS OF TAU ACCUMULATION IDENTIFIES ENRICHMENT OF NEUROGENESIS-RELATED PATHWAYS **2017**, 13, P217-P218

113   [O1-11-03]: CEREBROSPINAL FLUID ENDOPHENOTYPES PROVIDE INSIGHT INTO BIOLOGY UNDERLYING ALZHEIMER'S DISEASE **2017**, 13, P218-P219

112   [O3-03-02]: NEURODEGENERATIVE PATTERNS OF COGNITIVE CLUSTERS OF EARLY ONSET AD SUBJECTS: EVIDENCE FOR DISEASE HETEROGENEITY **2017**, 13, P901-P902

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