

Allan I Levey

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3905514/allan-i-levey-publications-by-citations.pdf>
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

320 papers	32,303 citations	86 h-index	174 g-index
372 ext. papers	38,002 ext. citations	9.1 avg, IF	6.62 L-index

#	Paper	IF	Citations
320	Cholinergic innervation of cortex by the basal forebrain: cytochemistry and cortical connections of the septal area, diagonal band nuclei, nucleus basalis (substantia innominata), and hypothalamus in the rhesus monkey. <i>Journal of Comparative Neurology</i> , 1983 , 214, 170-97	3.4	1661
319	Variant of TREM2 associated with the risk of Alzheimer's disease. <i>New England Journal of Medicine</i> , 2013 , 368, 107-16	59.2	1603
318	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , 2011 , 43, 436-41	36.3	1367
317	Familial Alzheimer's disease-linked presenilin 1 variants elevate Abeta1-42/1-40 ratio in vitro and in vivo. <i>Neuron</i> , 1996 , 17, 1005-13	13.9	1350
316	A common variant on chromosome 9p21 affects the risk of myocardial infarction. <i>Science</i> , 2007 , 316, 1491-3	33.3	1322
315	Selective loss of glial glutamate transporter GLT-1 in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 1995 , 38, 73-84	9.4	1216
314	Endoproteolysis of presenilin 1 and accumulation of processed derivatives in vivo. <i>Neuron</i> , 1996 , 17, 181-90	13.9	999
313	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
312	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
311	Striatal dopamine nerve terminal markers in human, chronic methamphetamine users. <i>Nature Medicine</i> , 1996 , 2, 699-703	50.5	639
310	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
309	The origins of cholinergic and other subcortical afferents to the thalamus in the rat. <i>Journal of Comparative Neurology</i> , 1987 , 262, 105-24	3.4	498
308	Dopamine axon varicosities in the prelimbic division of the rat prefrontal cortex exhibit sparse immunoreactivity for the dopamine transporter. <i>Journal of Neuroscience</i> , 1998 , 18, 2697-708	6.6	468
307	Limbic-predominant age-related TDP-43 encephalopathy (LATE): consensus working group report. <i>Brain</i> , 2019 , 142, 1503-1527	11.2	454
306	Activation of metabotropic glutamate receptor 5 has direct excitatory effects and potentiates NMDA receptor currents in neurons of the subthalamic nucleus. <i>Journal of Neuroscience</i> , 2000 , 20, 7871-9	6.6	362
305	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , 2010 , 42, 234-9	36.3	361
304	Immunological localization of m1-m5 muscarinic acetylcholine receptors in peripheral tissues and brain. <i>Life Sciences</i> , 1993 , 52, 441-8	6.8	347

303	Dopamine transporters and neuronal injury. <i>Trends in Pharmacological Sciences</i> , 1999 , 20, 424-9	13.2	276
302	Functional interaction between monoamine plasma membrane transporters and the synaptic PDZ domain-containing protein PICK1. <i>Neuron</i> , 2001 , 30, 121-34	13.9	270
301	Immunocytochemical localization of the dopamine transporter in human brain. <i>Journal of Comparative Neurology</i> , 1999 , 409, 38-56	3.4	253
300	Cholinergic and non-cholinergic septohippocampal pathways. <i>Neuroscience Letters</i> , 1985 , 54, 45-52	3.3	253
299	Age-related declines in nigral neuronal function correlate with motor impairments in rhesus monkeys. <i>Journal of Comparative Neurology</i> , 1998 , 401, 253-265	3.4	252
298	Characterization of central inhibitory muscarinic autoreceptors by the use of muscarinic acetylcholine receptor knock-out mice. <i>Journal of Neuroscience</i> , 2002 , 22, 1709-17	6.6	250
297	Cleavage of tau by asparagine endopeptidase mediates the neurofibrillary pathology in Alzheimer's disease. <i>Nature Medicine</i> , 2014 , 20, 1254-62	50.5	248
296	Biochemical characterization and localization of a non-N-methyl-D-aspartate glutamate receptor in rat brain. <i>Journal of Neurochemistry</i> , 1992 , 58, 1118-26	6	228
295	Large-scale proteomic analysis of Alzheimer's disease brain and cerebrospinal fluid reveals early changes in energy metabolism associated with microglia and astrocyte activation. <i>Nature Medicine</i> , 2020 , 26, 769-780	50.5	226
294	The lipoprotein receptor LR11 regulates amyloid beta production and amyloid precursor protein traffic in endosomal compartments. <i>Journal of Neuroscience</i> , 2006 , 26, 1596-603	6.6	224
293	Loss-of-function variants in ABCA7 confer risk of Alzheimer's disease. <i>Nature Genetics</i> , 2015 , 47, 445-7	36.3	222
292	Proteomic characterization of postmortem amyloid plaques isolated by laser capture microdissection. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37061-8	5.4	220
291	A Multi-network Approach Identifies Protein-Specific Co-expression in Asymptomatic and Symptomatic Alzheimer's Disease. <i>Cell Systems</i> , 2017 , 4, 60-72.e4	10.6	219
290	Dopaminergic neurons intrinsic to the primate striatum. <i>Journal of Neuroscience</i> , 1997 , 17, 6761-8	6.6	218
289	Preservation of nucleus basalis neurons containing choline acetyltransferase and the vesicular acetylcholine transporter in the elderly with mild cognitive impairment and early Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 1999 , 411, 693-704	3.4	214
288	Subcellular localization and molecular topology of the dopamine transporter in the striatum and substantia nigra. <i>Journal of Comparative Neurology</i> , 1997 , 388, 211-227	3.4	213
287	Muscarinic acetylcholine receptor subtypes in cerebral cortex and hippocampus. <i>Progress in Brain Research</i> , 2004 , 145, 59-66	2.9	205
286	Novel selective allosteric activator of the M1 muscarinic acetylcholine receptor regulates amyloid processing and produces antipsychotic-like activity in rats. <i>Journal of Neuroscience</i> , 2008 , 28, 10422-33	6.6	203

285	U1 small nuclear ribonucleoprotein complex and RNA splicing alterations in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16562-7	11.5	200
284	A selective allosteric potentiator of the M1 muscarinic acetylcholine receptor increases activity of medial prefrontal cortical neurons and restores impairments in reversal learning. <i>Journal of Neuroscience</i> , 2009 , 29, 14271-86	6.6	187
283	RGS2 binds directly and selectively to the M1 muscarinic acetylcholine receptor third intracellular loop to modulate Gq/11alpha signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 21248-56	5.4	183
282	Vesicular localization and activity-dependent trafficking of presynaptic choline transporters. <i>Journal of Neuroscience</i> , 2003 , 23, 9697-709	6.6	179
281	Immunochemical analysis of dopamine transporter protein in Parkinson's disease. <i>Annals of Neurology</i> , 1997 , 41, 530-9	9.4	178
280	Dopamine D(5) receptor immunolocalization in rat and monkey brain. <i>Synapse</i> , 2000 , 37, 125-45	2.4	178
279	Evidence for a role of the rare p.A152T variant in MAPT in increasing the risk for FTD-spectrum and Alzheimer's diseases. <i>Human Molecular Genetics</i> , 2012 , 21, 3500-12	5.6	174
278	Differential regulation of molecular subtypes of muscarinic receptors in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 1995 , 64, 1888-91	6	167
277	Variants with large effects on blood lipids and the role of cholesterol and triglycerides in coronary disease. <i>Nature Genetics</i> , 2016 , 48, 634-9	36.3	162
276	Evidence for brain glucose dysregulation in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018 , 14, 318-329	1.2	161
275	Light and electron microscopic localization of presenilin-1 in primate brain. <i>Journal of Neuroscience</i> , 1997 , 17, 1971-80	6.6	151
274	Immunochemical analysis of vesicular monoamine transporter (VMAT2) protein in Parkinson's disease. <i>Experimental Neurology</i> , 1999 , 156, 138-48	5.7	150
273	Striatal dopamine, dopamine transporter, and vesicular monoamine transporter in chronic cocaine users. <i>Annals of Neurology</i> , 1996 , 40, 428-39	9.4	148
272	Delta-secretase cleaves amyloid precursor protein and regulates the pathogenesis in Alzheimer's disease. <i>Nature Communications</i> , 2015 , 6, 8762	17.4	145
271	The Mount Sinai cohort of large-scale genomic, transcriptomic and proteomic data in Alzheimer's disease. <i>Scientific Data</i> , 2018 , 5, 180185	8.2	144
270	Differential expression of D1 and D2 dopamine and m4 muscarinic acetylcholine receptor proteins in identified striatonigral neurons. <i>Synapse</i> , 1997 , 27, 357-66	2.4	139
269	Immunohistochemical localization of subtype 4a metabotropic glutamate receptors in the rat and mouse basal ganglia. <i>Journal of Comparative Neurology</i> , 1999 , 407, 33-46	3.4	139
268	Identification and therapeutic modulation of a pro-inflammatory subset of disease-associated-microglia in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2018 , 13, 24	19	138

267	Tau pathology in a family with dementia and a P301L mutation in tau. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999 , 58, 335-45	3.1	138
266	Increased MPTP neurotoxicity in vesicular monoamine transporter 2 heterozygote knockout mice. <i>Journal of Neurochemistry</i> , 1998 , 70, 1973-8	6	135
265	Autosomal recessive causes likely in early-onset Alzheimer disease. <i>Archives of Neurology</i> , 2012 , 69, 59-64		132
264	Mild cognitive impairment: an opportunity to identify patients at high risk for progression to Alzheimer's disease. <i>Clinical Therapeutics</i> , 2006 , 28, 991-1001	3.5	132
263	Hyperaccumulation of FAD-linked presenilin 1 variants in vivo. <i>Nature Medicine</i> , 1997 , 3, 756-60	50.5	131
262	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
261	Polyubiquitin linkage profiles in three models of proteolytic stress suggest the etiology of Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2011 , 286, 10457-65	5.4	128
260	Choline acetyltransferase immunoreactivity in the rat thalamus. <i>Journal of Comparative Neurology</i> , 1987 , 257, 317-32	3.4	127
259	Elevated serum pesticide levels and risk for Alzheimer disease. <i>JAMA Neurology</i> , 2014 , 71, 284-90	17.2	126
258	Rab11a and myosin Vb regulate recycling of the M4 muscarinic acetylcholine receptor. <i>Journal of Neuroscience</i> , 2002 , 22, 9776-84	6.6	126
257	Novel late-onset Alzheimer disease loci variants associate with brain gene expression. <i>Neurology</i> , 2012 , 79, 221-8	6.5	124
256	Activation of group II metabotropic glutamate receptors inhibits synaptic excitation of the substantia nigra pars reticulata. <i>Journal of Neuroscience</i> , 2000 , 20, 3085-94	6.6	121
255	Evaluation of muscarinic agonist-induced analgesia in muscarinic acetylcholine receptor knockout mice. <i>Molecular Pharmacology</i> , 2002 , 62, 1084-93	4.3	120
254	Microengineered human blood-brain barrier platform for understanding nanoparticle transport mechanisms. <i>Nature Communications</i> , 2020 , 11, 175	17.4	120
253	Localization of metabotropic glutamate receptor 7 mRNA and mGluR7a protein in the rat basal ganglia 1999 , 415, 266-284		117
252	Light and electron microscopic study of m2 muscarinic acetylcholine receptor in the basal forebrain of the rat. <i>Journal of Comparative Neurology</i> , 1995 , 351, 339-56	3.4	117
251	Alterations in glutamate transporter protein levels in kindling-induced epilepsy. <i>Journal of Neurochemistry</i> , 1997 , 68, 1564-70	6	116
250	A subpopulation of neuronal M4 muscarinic acetylcholine receptors plays a critical role in modulating dopamine-dependent behaviors. <i>Journal of Neuroscience</i> , 2010 , 30, 2396-405	6.6	114

249	A Meta-Analysis of Alzheimer's Disease Incidence and Prevalence Comparing African-Americans and Caucasians. <i>Journal of Alzheimer's Disease</i> , 2016 , 50, 71-6	4.3	111
248	TREM2 is associated with increased risk for Alzheimer's disease in African Americans. <i>Molecular Neurodegeneration</i> , 2015 , 10, 19	19	108
247	Global quantitative analysis of the human brain proteome in Alzheimer's and Parkinson's Disease. <i>Scientific Data</i> , 2018 , 5, 180036	8.2	103
246	Pharmacologic inhibition of ROCK2 suppresses amyloid- β production in an Alzheimer's disease mouse model. <i>Journal of Neuroscience</i> , 2013 , 33, 19086-98	6.6	98
245	Targeting norepinephrine in mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013 , 5, 21	9	98
244	Subcellular redistribution of m2 muscarinic acetylcholine receptors in striatal interneurons in vivo after acute cholinergic stimulation. <i>Journal of Neuroscience</i> , 1998 , 18, 10207-18	6.6	98
243	TMEM106B is a genetic modifier of frontotemporal lobar degeneration with C9orf72 hexanucleotide repeat expansions. <i>Acta Neuropathologica</i> , 2014 , 127, 407-18	14.3	97
242	Loss of LR11/SORLA enhances early pathology in a mouse model of amyloidosis: evidence for a proximal role in Alzheimer's disease. <i>Journal of Neuroscience</i> , 2008 , 28, 12877-86	6.6	97
241	Deletion of M1 muscarinic acetylcholine receptors increases amyloid pathology in vitro and in vivo. <i>Journal of Neuroscience</i> , 2010 , 30, 4190-6	6.6	95
240	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 2131-41	59.2	94
239	Deep proteomic network analysis of Alzheimer's disease brain reveals alterations in RNA binding proteins and RNA splicing associated with disease. <i>Molecular Neurodegeneration</i> , 2018 , 13, 52	19	94
238	Transgenic mice overexpressing reticulon 3 develop neuritic abnormalities. <i>EMBO Journal</i> , 2007 , 26, 2755-67	13	91
237	Muscarinic m1 and m2 receptor proteins in local circuit and projection neurons of the primate striatum: anatomical evidence for cholinergic modulation of glutamatergic prefronto-striatal pathways. <i>Journal of Comparative Neurology</i> , 2001 , 434, 445-60	3.4	90
236	Eye tracking during a visual paired comparison task as a predictor of early dementia. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2009 , 24, 258-66	2.5	86
235	Cellular and subcellular localization of the dopamine transporter in rat cortex. <i>Advances in Pharmacology</i> , 1998 , 42, 171-4	5.7	86
234	Nigrostriatal collaterals to thalamus degenerate in parkinsonian animal models. <i>Annals of Neurology</i> , 2001 , 50, 321-9	9.4	85
233	Coaggregation of RNA-binding proteins in a model of TDP-43 proteinopathy with selective RGG motif methylation and a role for RRM1 ubiquitination. <i>PLoS ONE</i> , 2012 , 7, e38658	3.7	85
232	M1 muscarinic acetylcholine receptors activate extracellular signal-regulated kinase in CA1 pyramidal neurons in mouse hippocampal slices. <i>Molecular and Cellular Neurosciences</i> , 2001 , 18, 512-24	4.8	84

231	Neuronal LR11/sorLA expression is reduced in mild cognitive impairment. <i>Annals of Neurology</i> , 2007 , 62, 640-7	9.4	83
230	Muscarinic receptor subtypes involved in hippocampal circuits. <i>Life Sciences</i> , 1999 , 64, 501-9	6.8	83
229	Cell-specific sorting of biogenic amine transporters expressed in epithelial cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18100-6	5.4	83
228	Multiplex SILAC analysis of a cellular TDP-43 proteinopathy model reveals protein inclusions associated with SUMOylation and diverse polyubiquitin chains. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 705-18	7.6	80
227	Reduced CSF p-Tau181 to Tau ratio is a biomarker for FTLTDP. <i>Neurology</i> , 2013 , 81, 1945-52	6.5	78
226	Multiple effects of aspartate mutant presenilin 1 on the processing and trafficking of amyloid precursor protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 43343-50	5.4	78
225	Endogenous presenilin-1 targets to endocytic rather than biosynthetic compartments. <i>Molecular and Cellular Neurosciences</i> , 2000 , 16, 111-26	4.8	77
224	Phosphoproteomic analysis of human brain by calcium phosphate precipitation and mass spectrometry. <i>Journal of Proteome Research</i> , 2008 , 7, 2845-51	5.6	76
223	Localization of M(2) muscarinic acetylcholine receptor protein in cholinergic and non-cholinergic terminals in rat hippocampus. <i>Neuroscience Letters</i> , 2000 , 284, 182-6	3.3	76
222	Down-regulation of AMPA receptor subunit GluR2 in amygdaloid kindling. <i>Journal of Neurochemistry</i> , 1995 , 64, 462-5	6	73
221	Regulation of the subcellular distribution of m4 muscarinic acetylcholine receptors in striatal neurons in vivo by the cholinergic environment: evidence for regulation of cell surface receptors by endogenous and exogenous stimulation. <i>Journal of Neuroscience</i> , 1999 , 19, 10237-49	6.6	73
220	Large-scale proteomic analysis of human brain identifies proteins associated with cognitive trajectory in advanced age. <i>Nature Communications</i> , 2019 , 10, 1619	17.4	72
219	An assessment by the Statin Cognitive Safety Task Force: 2014 update. <i>Journal of Clinical Lipidology</i> , 2014 , 8, S5-16	4.9	72
218	Conserved brain myelination networks are altered in Alzheimer's and other neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2018 , 14, 352-366	1.2	72
217	Simultaneous imaging of locus coeruleus and substantia nigra with a quantitative neuromelanin MRI approach. <i>Magnetic Resonance Imaging</i> , 2014 , 32, 1301-6	3.3	71
216	Distribution and developmental regulation of metabotropic glutamate receptor 7a in rat brain. <i>Journal of Neurochemistry</i> , 1998 , 71, 636-45	6	71
215	A proteomic network approach across the ALS-FTD disease spectrum resolves clinical phenotypes and genetic vulnerability in human brain. <i>EMBO Molecular Medicine</i> , 2018 , 10, 48-62	12	71
214	GABA(B) and group I metabotropic glutamate receptors in the striatopallidal complex in primates. <i>Journal of Anatomy</i> , 2000 , 196 (Pt 4), 555-76	2.9	70

213	Very early activation of m-calpain in peripheral nerve during Wallerian degeneration. <i>Journal of the Neurological Sciences</i> , 2002 , 196, 9-20	3.2	69
212	Meta-Analysis of the Alzheimer's Disease Human Brain Transcriptome and Functional Dissection in Mouse Models. <i>Cell Reports</i> , 2020 , 32, 107908	10.6	68
211	Proteomics analysis reveals novel components in the detergent-insoluble subproteome in Alzheimer's disease. <i>Journal of Proteome Research</i> , 2009 , 8, 5069-79	5.6	67
210	Rab5-dependent trafficking of the m4 muscarinic acetylcholine receptor to the plasma membrane, early endosomes, and multivesicular bodies. <i>Journal of Biological Chemistry</i> , 2001 , 276, 47590-8	5.4	67
209	Cortical inputs to m2-immunoreactive striatal interneurons in rat and monkey. <i>Synapse</i> , 2000 , 37, 252-61	2.4	67
208	Ionotropic and metabotropic GABA and glutamate receptors in primate basal ganglia. <i>Journal of Chemical Neuroanatomy</i> , 2001 , 22, 13-42	3.2	67
207	Levodopa induces a cytoplasmic localization of D1 dopamine receptors in striatal neurons in Parkinson's disease. <i>Annals of Neurology</i> , 1999 , 46, 103-11	9.4	67
206	Phosphoproteomic analysis reveals site-specific changes in GFAP and NDRG2 phosphorylation in frontotemporal lobar degeneration. <i>Journal of Proteome Research</i> , 2010 , 9, 6368-79	5.6	66
205	High blood pressure and cognitive decline in mild cognitive impairment. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 67-73	5.6	65
204	Increased Plasma Beta-Secretase 1 May Predict Conversion to Alzheimer's Disease Dementia in Individuals With Mild Cognitive Impairment. <i>Biological Psychiatry</i> , 2018 , 83, 447-455	7.9	62
203	Potassium channel Kv1.3 is highly expressed by microglia in human Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 797-808	4.3	62
202	Analysis of a membrane-enriched proteome from postmortem human brain tissue in Alzheimer's disease. <i>Proteomics - Clinical Applications</i> , 2012 , 6, 201-11	3.1	62
201	Localization of the m2 muscarinic acetylcholine receptor protein and mRNA in cortical neurons of the normal and cholinergically deafferented rhesus monkey. <i>Journal of Comparative Neurology</i> , 1998 , 390, 112-132	3.4	62
200	Regulation of muscarinic acetylcholine receptor function in acetylcholinesterase knockout mice. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 74, 977-86	3.9	62
199	Distribution of high affinity choline transporter immunoreactivity in the primate central nervous system. <i>Journal of Comparative Neurology</i> , 2003 , 463, 341-57	3.4	62
198	Immunological detection of glutamate receptor subtypes in human central nervous system. <i>Annals of Neurology</i> , 1992 , 31, 680-3	9.4	62
197	Multiscale network modeling of oligodendrocytes reveals molecular components of myelin dysregulation in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2017 , 12, 82	19	61
196	Proton Pump Inhibitors and Risk of Mild Cognitive Impairment and Dementia. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 1969-1974	5.6	60

195	Muscarinic acetylcholine receptor subtype, m2: diverse functional implications of differential synaptic localization. <i>Life Sciences</i> , 1997 , 60, 1031-8	6.8	59
194	The role of muscarinic acetylcholine receptor-mediated activation of extracellular signal-regulated kinase 1/2 in pilocarpine-induced seizures. <i>Journal of Neurochemistry</i> , 2002 , 82, 192-201	6	58
193	Aggregates of small nuclear ribonucleic acids (snRNAs) in Alzheimer's disease. <i>Brain Pathology</i> , 2014 , 24, 344-51	6	57
192	Association between polychlorinated biphenyls and Parkinson's disease neuropathology. <i>NeuroToxicology</i> , 2012 , 33, 1298-304	4.4	56
191	Identification of evolutionarily conserved gene networks mediating neurodegenerative dementia. <i>Nature Medicine</i> , 2019 , 25, 152-164	50.5	55
190	Development of a rapid screening instrument for mild cognitive impairment and undiagnosed dementia. <i>Journal of Alzheimer's Disease</i> , 2008 , 15, 419-27	4.3	54
189	Polarized expression of the antidepressant-sensitive serotonin transporter in epinephrine-synthesizing chromaffin cells of the rat adrenal gland. <i>Molecular and Cellular Neurosciences</i> , 1997 , 9, 170-84	4.8	53
188	Neuron enriched nuclear proteome isolated from human brain. <i>Journal of Proteome Research</i> , 2013 , 12, 3193-206	5.6	52
187	Quantitative analysis of the detergent-insoluble brain proteome in frontotemporal lobar degeneration using SILAC internal standards. <i>Journal of Proteome Research</i> , 2012 , 11, 2721-38	5.6	51
186	Altered striatal function and muscarinic cholinergic receptors in acetylcholinesterase knockout mice. <i>Molecular Pharmacology</i> , 2003 , 64, 1309-16	4.3	51
185	Association of Early-Onset Alzheimer Disease With Elevated Low-Density Lipoprotein Cholesterol Levels and Rare Genetic Coding Variants of APOB. <i>JAMA Neurology</i> , 2019 , 76, 809-817	17.2	50
184	Quantitative proteomics of acutely-isolated mouse microglia identifies novel immune Alzheimer's disease-related proteins. <i>Molecular Neurodegeneration</i> , 2018 , 13, 34	19	50
183	Tau-Mediated Disruption of the Spliceosome Triggers Cryptic RNA Splicing and Neurodegeneration in Alzheimer's Disease. <i>Cell Reports</i> , 2019 , 29, 301-316.e10	10.6	50
182	Modulation of Renin-Angiotensin System May Slow Conversion from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of the American Geriatrics Society</i> , 2015 , 63, 1749-56	5.6	50
181	Distribution of group III mGluRs in rat basal ganglia with subtype-specific antibodies. <i>Annals of the New York Academy of Sciences</i> , 1999 , 868, 531-4	6.5	50
180	Locus Coeruleus Ablation Exacerbates Cognitive Deficits, Neuropathology, and Lethality in P301S Tau Transgenic Mice. <i>Journal of Neuroscience</i> , 2018 , 38, 74-92	6.6	50
179	Mint3/X11gamma is an ADP-ribosylation factor-dependent adaptor that regulates the traffic of the Alzheimer's Precursor protein from the trans-Golgi network. <i>Molecular Biology of the Cell</i> , 2008 , 19, 51-64	3.5	49
178	Interaction of isoflurane with the dopamine transporter. <i>Anesthesiology</i> , 2003 , 98, 404-11	4.3	49

177	Quantitative phosphoproteomics of Alzheimer's disease reveals cross-talk between kinases and small heat shock proteins. <i>Proteomics</i> , 2015 , 15, 508-519	4.8	48
176	Subcellular localization of presenilins: association with a unique membrane pool in cultured cells. <i>Neurobiology of Disease</i> , 2000 , 7, 99-117	7.5	48
175	Molecular and functional identification of m1 muscarinic acetylcholine receptors in rat ventricular myocytes. <i>Circulation Research</i> , 1996 , 79, 86-93	15.7	48
174	Muscarinic activation of mitogen-activated protein kinase in PC12 cells. <i>Journal of Neurochemistry</i> , 2000 , 75, 487-93	6	47
173	The dopamine transporter carboxyl-terminal tail. Truncation/substitution mutants selectively confer high affinity dopamine uptake while attenuating recognition of the ligand binding domain. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20885-94	5.4	47
172	Kv1.3 inhibition as a potential microglia-targeted therapy for Alzheimer's disease: preclinical proof of concept. <i>Brain</i> , 2018 , 141, 596-612	11.2	46
171	Dopamine axons in primate prefrontal cortex: specificity of distribution, synaptic targets, and development. <i>Advances in Pharmacology</i> , 1998 , 42, 703-6	5.7	46
170	Differential Phagocytic Properties of CD45 Microglia and CD45 Brain Mononuclear Phagocytes-Activation and Age-Related Effects. <i>Frontiers in Immunology</i> , 2018 , 9, 405	8.4	44
169	Event-related potential changes in groups at increased risk for Alzheimer disease. <i>Archives of Neurology</i> , 1999 , 56, 1398-403		44
168	5-Hydroxymethylation-associated epigenetic modifiers of Alzheimer's disease modulate Tau-induced neurotoxicity. <i>Human Molecular Genetics</i> , 2016 , 25, 2437-2450	5.6	43
167	Proteomics of protein post-translational modifications implicated in neurodegeneration. <i>Translational Neurodegeneration</i> , 2014 , 3, 23	10.3	42
166	Rho kinase II phosphorylation of the lipoprotein receptor LR11/SORLA alters amyloid-beta production. <i>Journal of Biological Chemistry</i> , 2011 , 286, 6117-27	5.4	42
165	Selective enrichment of DJ-1 protein in primate striatal neuronal processes: implications for Parkinson's disease. <i>Journal of Comparative Neurology</i> , 2007 , 500, 585-99	3.4	42
164	Cell-specific extracellular signal-regulated kinase activation by multiple G protein-coupled receptor families in hippocampus. <i>Molecular Pharmacology</i> , 2003 , 63, 128-35	4.3	42
163	Asparaginyl endopeptidase cleaves TDP-43 in brain. <i>Proteomics</i> , 2012 , 12, 2455-63	4.8	41
162	Presenilin-1 protein expression in familial and sporadic Alzheimer's disease. <i>Annals of Neurology</i> , 1997 , 41, 742-53	9.4	40
161	Changes in the detergent-insoluble brain proteome linked to amyloid and tau in Alzheimer's Disease progression. <i>Proteomics</i> , 2016 , 16, 3042-3053	4.8	39
160	Proteomic analysis of postsynaptic density in Alzheimer's disease. <i>Clinica Chimica Acta</i> , 2013 , 420, 62-8	6.2	38

159	Muscarinic receptor subtypes in the lateral geniculate nucleus: a light and electron microscopic analysis. <i>Journal of Comparative Neurology</i> , 1999 , 404, 408-25	3.4	38
158	Bacterial expression of human muscarinic receptor fusion proteins and generation of subtype-specific antisera. <i>FEBS Letters</i> , 1990 , 275, 65-9	3.8	38
157	Effects of hypertension and hypercholesterolemia on cognitive functioning in patients with alzheimer disease. <i>Alzheimer Disease and Associated Disorders</i> , 2008 , 22, 336-42	2.5	36
156	Integrated proteomics reveals brain-based cerebrospinal fluid biomarkers in asymptomatic and symptomatic Alzheimer's disease. <i>Science Advances</i> , 2020 , 6,	14.3	36
155	Integrating human brain proteomes with genome-wide association data implicates new proteins in Alzheimer's disease pathogenesis. <i>Nature Genetics</i> , 2021 , 53, 143-146	36.3	36
154	U1 small nuclear ribonucleoproteins (snRNPs) aggregate in Alzheimer's disease due to autosomal dominant genetic mutations and trisomy 21. <i>Molecular Neurodegeneration</i> , 2014 , 9, 15	19	34
153	Statins and cognitive decline in older adults with normal cognition or mild cognitive impairment. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 1449-55	5.6	34
152	A systems pharmacology-based approach to identify novel Kv1.3 channel-dependent mechanisms in microglial activation. <i>Journal of Neuroinflammation</i> , 2017 , 14, 128	10.1	34
151	Polymer-Encapsulated PC-12 Cells Demonstrate High-Affinity Uptake of Dopamine in Vitro and 18F-DOPA Uptake and Metabolism after Intracerebral Implantation in Nonhuman Primates. <i>Cell Transplantation</i> , 1997 , 6, 469-477	4	34
150	Development of muscarinic receptor subtypes in the forebrain of the mouse. <i>Journal of Comparative Neurology</i> , 1995 , 358, 88-101	3.4	34
149	RNA-binding proteins with basic-acidic dipeptide (BAD) domains self-assemble and aggregate in Alzheimer's disease. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11047-11066	5.4	34
148	A multiancestral genome-wide exome array study of Alzheimer disease, frontotemporal dementia, and progressive supranuclear palsy. <i>JAMA Neurology</i> , 2015 , 72, 414-22	17.2	33
147	Shared proteomic effects of cerebral atherosclerosis and Alzheimer's disease on the human brain. <i>Nature Neuroscience</i> , 2020 , 23, 696-700	25.5	33
146	Presenilin 1 independently regulates beta-catenin stability and transcriptional activity. <i>Journal of Biological Chemistry</i> , 2001 , 276, 48554-61	5.4	32
145	Notch signaling inhibits PC12 cell neurite outgrowth via RBP-J-dependent and -independent mechanisms. <i>Developmental Neuroscience</i> , 2002 , 24, 79-88	2.2	32
144	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel: A Meta-analysis. <i>JAMA Neurology</i> , 2021 , 78, 102-113	17.2	32
143	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , 2015 , 72, 209-16	17.2	31
142	Alternative processing of B-secretase substrates in common forms of mild cognitive impairment and Alzheimer's disease: evidence for B-secretase dysfunction. <i>Annals of Neurology</i> , 2011 , 69, 1026-31	9.4	31

141	Altered hippocampal muscarinic receptors in acetylcholinesterase-deficient mice. <i>Annals of Neurology</i> , 2003 , 53, 788-96	9.4	31
140	Muscarinic receptor M(2) in cat visual cortex: laminar distribution, relationship to gamma-aminobutyric acidergic neurons, and effect of cingulate lesions. <i>Journal of Comparative Neurology</i> , 2001 , 441, 168-85	3.4	31
139	Effects of Genotype on Brain Proteomic Network and Cell Type Changes in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 454	6.1	31
138	Quantitative Analysis of the Brain Ubiquitylome in Alzheimer's Disease. <i>Proteomics</i> , 2018 , 18, e1800108	4.8	31
137	Exploring the potential of the platelet membrane proteome as a source of peripheral biomarkers for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013 , 5, 32	9	29
136	Radioligand binding and immunoautoradiographic evidence for a lack of toxicity to dopaminergic nerve terminals in human cocaine overdose victims. <i>Brain Research</i> , 1997 , 747, 219-29	3.7	29
135	LSD1 protects against hippocampal and cortical neurodegeneration. <i>Nature Communications</i> , 2017 , 8, 805	17.4	28
134	Integrating Next-Generation Genomic Sequencing and Mass Spectrometry To Estimate Allele-Specific Protein Abundance in Human Brain. <i>Journal of Proteome Research</i> , 2017 , 16, 3336-3347	5.6	28
133	Aggregation properties of the small nuclear ribonucleoprotein U1-70K in Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2014 , 289, 35296-313	5.4	28
132	Multiscale causal networks identify VGF as a key regulator of Alzheimer's disease. <i>Nature Communications</i> , 2020 , 11, 3942	17.4	28
131	Muscarinic acetylcholine receptor immunoreactivity after hippocampal commissural/associational pathway lesions: Evidence for multiple presynaptic receptor subtypes. <i>Journal of Comparative Neurology</i> , 1997 , 380, 382-394	3.4	26
130	Fas-associated factor 1 and Parkinson's disease. <i>Neurobiology of Disease</i> , 2008 , 31, 309-15	7.5	26
129	Acute mitochondrial and chronic toxicological effects of 1-methyl-4-phenylpyridinium in human neuroblastoma cells. <i>NeuroToxicology</i> , 2002 , 23, 569-80	4.4	26
128	Functional downregulation of GluR2 in piriform cortex of kindled animals. <i>Synapse</i> , 2000 , 38, 489-98	2.4	26
127	Seizures following myelography with iopamidol. <i>Annals of Neurology</i> , 1988 , 23, 397-9	9.4	26
126	Large eQTL meta-analysis reveals differing patterns between cerebral cortical and cerebellar brain regions. <i>Scientific Data</i> , 2020 , 7, 340	8.2	26
125	CSF beta-amyloid 1-42 - what are we measuring in Alzheimer's disease?. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 131-9	5.3	25
124	RNF11 modulates microglia activation through NF-B signalling cascade. <i>Neuroscience Letters</i> , 2012 , 528, 174-9	3.3	25

123	PARK10 candidate RNF11 is expressed by vulnerable neurons and localizes to Lewy bodies in Parkinson disease brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007 , 66, 955-64	3.1	25
122	LIM kinase 1 accumulates in presynaptic terminals during synapse maturation. <i>Journal of Comparative Neurology</i> , 2000 , 416, 319-34	3.4	25
121	Brain microRNAs associated with late-life depressive symptoms are also associated with cognitive trajectory and dementia. <i>Npj Genomic Medicine</i> , 2020 , 5, 6	6.2	25
120	Racial Disparity in Cognitive and Functional Disability in Hypertension and All-Cause Mortality. <i>American Journal of Hypertension</i> , 2016 , 29, 185-93	2.3	24
119	Distribution of muscarinic cholinergic receptor proteins m1 to m4 in area 17 of normal and monocularly deprived rhesus monkeys 1997 , 388, 130-145		24
118	Novel interaction between the M4 muscarinic acetylcholine receptor and elongation factor 1A2. <i>Journal of Biological Chemistry</i> , 2002 , 277, 29268-74	5.4	24
117	Alzheimer's disease: A clinical perspective and future nonhuman primate research opportunities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	24
116	CSF complement 3 and factor H are staging biomarkers in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 14	7.3	23
115	Elongation factor 1A family regulates the recycling of the M4 muscarinic acetylcholine receptor. <i>Neurochemical Research</i> , 2006 , 31, 975-88	4.6	23
114	Subpopulations of rat dorsal root ganglion neurons express active vesicular acetylcholine transporter. <i>Journal of Neuroscience Research</i> , 2004 , 75, 194-202	4.4	23
113	Targeted mass spectrometry to quantify brain-derived cerebrospinal fluid biomarkers in Alzheimer's disease. <i>Clinical Proteomics</i> , 2020 , 17, 19	5	22
112	Transcriptional regulation of homeostatic and disease-associated-microglial genes by IRF1, LXR α and CEBP β <i>Glia</i> , 2019 , 67, 1958-1975	9	22
111	Abnormal gephyrin immunoreactivity associated with Alzheimer disease pathologic changes. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 1009-15	3.1	22
110	Differential effects of allosteric M(1) muscarinic acetylcholine receptor agonists on receptor activation, arrestin 3 recruitment, and receptor downregulation. <i>ACS Chemical Neuroscience</i> , 2010 , 1, 542-551	5.7	22
109	Cortical Proteins Associated With Cognitive Resilience in Community-Dwelling Older Persons. <i>JAMA Psychiatry</i> , 2020 , 77, 1172-1180	14.5	21
108	Identification of Conserved Proteomic Networks in Neurodegenerative Dementia. <i>Cell Reports</i> , 2020 , 31, 107807	10.6	21
107	Increased plasma TACE activity in subjects with mild cognitive impairment and patients with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 41, 877-86	4.3	21
106	NF-B activity is inversely correlated to RNF11 expression in Parkinson's disease. <i>Neuroscience Letters</i> , 2013 , 547, 16-20	3.3	21

105	Diffuse plaques in the striatum in Alzheimer disease (AD): relationship to the striatal mosaic and selected neuropeptide markers. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997 , 56, 1363-70	3.1	21
104	Coordinate expression of the vesicular acetylcholine transporter and choline acetyltransferase following septohippocampal pathway lesions. <i>Journal of Neurochemistry</i> , 1998 , 71, 2411-20	6	21
103	Inflammation and cognitive functioning in African Americans and Caucasians. <i>International Journal of Geriatric Psychiatry</i> , 2015 , 30, 934-41	3.9	20
102	RTN/Nogo in forming Alzheimer's neuritic plaques. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 34, 1201-6	9	20
101	Immunolocalization of muscarinic acetylcholine subtype 2 receptors in rat cochlear nucleus. <i>Journal of Comparative Neurology</i> , 1996 , 373, 27-40	3.4	20
100	Association Between Angiotensin Receptor Blockers and Longitudinal Decline in Tau in Mild Cognitive Impairment. <i>JAMA Neurology</i> , 2015 , 72, 1069-70	17.2	19
99	Integrated approaches for analyzing U1-70K cleavage in Alzheimer's disease. <i>Journal of Proteome Research</i> , 2014 , 13, 4526-34	5.6	19
98	Large-scale deep multi-layer analysis of Alzheimer's disease brain reveals strong proteomic disease-related changes not observed at the RNA level.. <i>Nature Neuroscience</i> , 2022 ,	25.5	18
97	Systems-based proteomics to resolve the biology of Alzheimer's disease beyond amyloid and tau. <i>Neuropsychopharmacology</i> , 2021 , 46, 98-115	8.7	18
96	Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. <i>Ageing Research Reviews</i> , 2021 , 69, 101346	12	17
95	Sequestration of muscarinic cholinergic receptors in permeabilized neuroblastoma cells. <i>Journal of Neurochemistry</i> , 1994 , 62, 1795-803	6	16
94	Comparative distribution of protein components of the A20 ubiquitin-editing complex in normal human brain. <i>Neuroscience Letters</i> , 2012 , 520, 104-9	3.3	15
93	Effects of Candesartan vs Lisinopril on Neurocognitive Function in Older Adults With Executive Mild Cognitive Impairment: A Randomized Clinical Trial. <i>JAMA Network Open</i> , 2020 , 3, e2012252	10.4	15
92	Neuronal RING finger protein 11 (RNF11) regulates canonical NF- κ B signaling. <i>Journal of Neuroinflammation</i> , 2012 , 9, 67	10.1	14
91	Meta-analysis of the human brain transcriptome identifies heterogeneity across human AD coexpression modules robust to sample collection and methodological approach		14
90	Global quantitative analysis of the human brain proteome and phosphoproteome in Alzheimer's disease. <i>Scientific Data</i> , 2020 , 7, 315	8.2	14
89	VisMET: a passive, efficient, and sensitive assessment of visuospatial memory in healthy aging, mild cognitive impairment, and Alzheimer's disease. <i>Learning and Memory</i> , 2019 , 26, 93-100	2.8	13
88	The Relationship Between Cognitive Functioning and the JNC-8 Guidelines for Hypertension in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 121-126	6.4	13

87	Proteomic analysis of hippocampal dentate granule cells in frontotemporal lobar degeneration: application of laser capture technology. <i>Frontiers in Neurology</i> , 2011 , 2, 24	4.1	13
86	Aberrant septin 11 is associated with sporadic frontotemporal lobar degeneration. <i>Molecular Neurodegeneration</i> , 2011 , 6, 82	19	13
85	Synthesis and In Vitro Evaluation of Imidazo[1,2-b]pyridazines as Ligands for β -Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 80-4	4.3	13
84	Cloning and localization of exon 5-containing isoforms of the NMDAR1 subunit in human and rat brains. <i>Journal of Neurochemistry</i> , 1997 , 69, 485-93	6	13
83	Brain proteome-wide association study implicates novel proteins in depression pathogenesis. <i>Nature Neuroscience</i> , 2021 , 24, 810-817	25.5	13
82	Network Analysis of a Membrane-Enriched Brain Proteome across Stages of Alzheimer's Disease. <i>Proteomes</i> , 2019 , 7,	4.6	12
81	RING finger protein 11 (RNF11) modulates susceptibility to 6-OHDA-induced nigral degeneration and behavioral deficits through NF- κ B signaling in dopaminergic cells. <i>Neurobiology of Disease</i> , 2013 , 54, 264-79	7.5	12
80	Rationale and Design of the Emory Healthy Aging and Emory Healthy Brain Studies. <i>Neuroepidemiology</i> , 2019 , 53, 187-200	5.4	11
79	Flow-cytometric microglial sorting coupled with quantitative proteomics identifies moesin as a highly-abundant microglial protein with relevance to Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2020 , 15, 28	19	11
78	Integrated Proteomics Reveals Brain-Based Cerebrospinal Fluid Biomarkers in Asymptomatic and Symptomatic Alzheimer's Disease		11
77	Purpose in life is a robust protective factor of reported cognitive decline among late middle-aged adults: The Emory Healthy Aging Study. <i>Journal of Affective Disorders</i> , 2020 , 263, 310-317	6.6	11
76	Extracellular signal-regulated kinase regulates microglial immune responses in Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2021 , 99, 1704-1721	4.4	11
75	Characterization of Detergent Insoluble Proteome in Chronic Traumatic Encephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 40-49	3.1	10
74	The regulation of presenilin-1 by nerve growth factor. <i>Journal of Neurochemistry</i> , 2001 , 76, 679-89	6	10
73	Integrative functional genomic analysis of intron retention in human and mouse brain with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 , 17, 984-1004	1.2	9
72	Stem cell-derived neurons reflect features of protein networks, neuropathology, and cognitive outcome of their aged human donors. <i>Neuron</i> , 2021 , 109, 3402-3420.e9	13.9	9
71	A 'Framingham-like' Algorithm for Predicting 4-Year Risk of Progression to Amnesic Mild Cognitive Impairment or Alzheimer's Disease Using Multidomain Information. <i>Journal of Alzheimer's Disease</i> , 2018 , 63, 1383-1393	4.3	8
70	The impact of vascular comorbidities on qualitative error analysis of executive impairment in Alzheimer's disease. <i>Journal of the International Neuropsychological Society</i> , 2010 , 16, 77-83	3.1	8

69	Immunohistochemical localization of proteins in the nervous system. <i>Current Protocols in Neuroscience</i> , 2004 , Chapter 1, Unit 1.2	2.7	8
68	Age-related declines in nigral neuronal function correlate with motor impairments in rhesus monkeys 1998 , 401, 253		8
67	Generation of transporter-specific antibodies. <i>Methods in Enzymology</i> , 1998 , 296, 407-22	1.7	7
66	Microglial ERK signaling is a critical regulator of pro-inflammatory immune responses in Alzheimer's disease		7
65	REDLeTr: Workflow and tools to support the migration of legacy clinical data capture systems to REDCap. <i>International Journal of Medical Informatics</i> , 2016 , 93, 103-10	5.3	7
64	Mass Spectrometry-Based Quantification of Tau in Human Cerebrospinal Fluid Using a Complementary Tryptic Peptide Standard. <i>Journal of Proteome Research</i> , 2019 , 18, 2422-2432	5.6	6
63	Cloning of m-calpain 80 kD subunit from the axonal degeneration-resistant WLD(S) mouse mutant. <i>Journal of Neuroscience Research</i> , 1998 , 52, 653-60	4.4	6
62	Unique molecular characteristics and microglial origin of Kv1.3 channel-positive brain myeloid cells in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
61	Effects of Selective M Muscarinic Receptor Activation on Hippocampal Spatial Representations and Neuronal Oscillations. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1393-1405	5.7	6
60	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. <i>Alzheimer Disease and Associated Disorders</i> , 2019 , 33, 327-330	2.5	6
59	Feedforward prediction error signals during episodic memory retrieval. <i>Nature Communications</i> , 2020 , 11, 6075	17.4	5
58	Maximizing Safety in the Conduct of Alzheimer's Disease Fluid Biomarker Research in the Era of COVID-19. <i>Journal of Alzheimer's Disease</i> , 2020 , 76, 27-31	4.3	5
57	Hippocampal place cell dysfunction and the effects of muscarinic M receptor agonism in a rat model of Alzheimer's disease. <i>Hippocampus</i> , 2018 , 28, 568-585	3.5	5
56	Genetic control of the human brain proteome		5
55	Higher CSF sTNFR1-related proteins associate with better prognosis in very early Alzheimer's disease. <i>Nature Communications</i> , 2021 , 12, 4001	17.4	5
54	Association of plasma and CSF cytochrome P450, soluble epoxide hydrolase, and ethanolamide metabolism with Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 149	9	5
53	The Feasibility of Measuring Gait in an Outpatient Cognitive Neurology Clinical Setting. <i>Journal of Alzheimer's Disease</i> , 2019 , 71, S51-S55	4.3	4
52	Alzheimer disease risk factors. <i>JAMA Neurology</i> , 2014 , 71, 1051	17.2	4

51	Genetic control of the human brain proteome. <i>American Journal of Human Genetics</i> , 2021 , 108, 400-410	11	4
50	Subcellular localization and molecular topology of the dopamine transporter in the striatum and substantia nigra 1997 , 388, 211		4
49	Molecules of the brain. <i>Hospital Practice (1995)</i> , 2000 , 35, 41-8, 51-4	2.2	3
48	Automated analysis of facial emotions in subjects with cognitive impairment.. <i>PLoS ONE</i> , 2022 , 17, e0262527	3.7	3
47	Functional dissection of Alzheimer's disease brain gene expression signatures in humans and mouse models		3
46	Cerebral atherosclerosis contributes to Alzheimer's dementia independently of its hallmark amyloid and tau pathologies		3
45	The physician-scientist, 75 years after Vannevar Bush-rethinking the 'bench' and 'bedside' dichotomy. <i>Nature Medicine</i> , 2020 , 26, 461-462	50.5	2
44	Phenylephrine and norepinephrine increase dopamine transporter ligand binding in striatum. <i>Molecular Imaging and Biology</i> , 2003 , 5, 217-26	3.8	2
43	Immunochemical analysis of dopamine transporters in Parkinson's disease. <i>Methods in Molecular Medicine</i> , 2001 , 62, 167-77		2
42	Identification of conserved proteomic networks in neurodegenerative dementia		2
41	TBK1 interacts with tau and enhances neurodegeneration in tauopathy. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100760	5.4	2
40	Mental stress-induced myocardial ischemia and cognitive impairment in coronary atherosclerosis. <i>Journal of Psychosomatic Research</i> , 2021 , 141, 110342	4.1	2
39	Targeted Quantification of Detergent-Insoluble RNA-Binding Proteins in Human Brain Reveals Stage and Disease Specific Co-aggregation in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 623659	6.1	2
38	Preservation of nucleus basalis neurons containing choline acetyltransferase and the vesicular acetylcholine transporter in the elderly with mild cognitive impairment and early Alzheimer's disease 1999 , 411, 693		2
37	Integrating human brain proteomes and genome-wide association results implicates new genes in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043865	1.2	1
36	Elevated serum DDE and risk for Alzheimer disease--reply. <i>JAMA Neurology</i> , 2014 , 71, 1056	17.2	1
35	Re-examining physician-scientist training through the prism of the discovery-invention cycle. <i>F1000Research</i> , 2019 , 8, 2123	3.6	1
34	Alzheimer's disease and progressive supranuclear palsy share similar transcriptomic changes in distinct brain regions. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	1

33	Tau-Mediated Disruption of the Spliceosome Triggers Cryptic RNA-Splicing and Neurodegeneration in Alzheimer's Disease. <i>SSRN Electronic Journal</i> ,	1	1
32	RNA-binding proteins with mixed charge domains self-assemble and aggregate in Alzheimer's Disease		1
31	Tau-mediated Disruption of the Spliceosome Triggers Cryptic RNA-splicing and Neurodegeneration in Alzheimer's Disease		1
30	Association between symptoms of psychological distress and cognitive functioning among adults with coronary artery disease. <i>Stress and Health</i> , 2021 , 37, 538-546	3.7	1
29	A Consensus Proteomic Analysis of Alzheimer's Disease Brain and Cerebrospinal Fluid Reveals Early Changes in Energy Metabolism Associated with Microglia and Astrocyte Activation		1
28	Global quantitative analysis of the human brain proteome and phosphoproteome in Alzheimer's disease		1
27	Brain microRNAs associated with late-life depressive symptoms are also associated with cognitive trajectory and dementia		1
26	Flow-cytometric microglial sorting coupled with quantitative proteomics identifies moesin as a highly-abundant microglial protein with relevance to Alzheimer's disease		1
25	A Genetic Study of Cerebral Atherosclerosis Reveals Novel Associations with and CNOT3. <i>Genes</i> , 2021 , 12,	4.2	1
24	Examination of the reliability and feasibility of two smartphone applications to assess executive functioning in racially diverse older adults. <i>Aging, Neuropsychology, and Cognition</i> , 2021 , 1-19	2.1	1
23	Immunohistochemical localization of subtype 4a metabotropic glutamate receptors in the rat and mouse basal ganglia 1999 , 407, 33		1
22	Localization of metabotropic glutamate receptor 7 mRNA and mGluR7a protein in the rat basal ganglia 1999 , 415, 266		1
21	Large-scale deep multi-layer analysis of Alzheimer's disease brain reveals strong proteomic disease-related changes not observed at the RNA level.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e055041	1.2	1
20	Brain microRNAs are associated with variation in cognitive trajectory in advanced age.. <i>Translational Psychiatry</i> , 2022 , 12, 47	8.6	0
19	Atlas of RNA editing events affecting protein expression in aged and Alzheimer's disease human brain tissue. <i>Nature Communications</i> , 2021 , 12, 7035	17.4	0
18	Fibrillation and molecular characteristics are coherent with clinical and pathological features of 4-repeat tauopathy caused by MAPT variant G273R. <i>Neurobiology of Disease</i> , 2020 , 146, 105079	7.5	0
17	Relationships between frontal metabolites and Alzheimer's disease biomarkers in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2021 , 109, 22-30	5.6	0
16	Neuropathologic Correlates of Human Cortical Proteins in Alzheimer Disease and Related Dementias.. <i>Neurology</i> , 2021 ,	6.5	0

- 15 Proteomics identifies CSF biomarker panels reflective of pathological networks in the Alzheimer's disease brain. *Alzheimer's and Dementia*, **2020**, 16, e042227 1.2
- 14 Novel proteomic molecular signatures of brain endothelial cells and microglia in the aging mouse brain. *Alzheimer's and Dementia*, **2020**, 16, e047549 1.2
- 13 F2-01-03: Discovery of Novel Proteomic Targets for Treatment of Alzheimer's Disease **2016**, 12, P215-P215
- 12 O4-12-02: Protein co-expression network analysis in Alzheimer's disease **2015**, 11, P299-P299
- 11 Management of the surgical patient with dementia 411-422
- 10 Molecular and behavioral phenotypes caused by selective disruption of M4 muscarinic acetylcholine receptors in D1 dopamine receptor-expressing cells. *FASEB Journal*, **2008**, 22, 1127.9 0.9
- 9 Neurobiological Pathways Linking Acute Mental Stress to Impairments in Executive Function in Individuals with Coronary Artery Disease. *Journal of Alzheimer's Disease Reports*, **2021**, 5, 99-109 3.3
- 8 O4-01-05: FUNCTIONAL GENETIC DISSECTION OF AN ALZHEIMER'S DISEASE SUSCEPTIBILITY NETWORK **2018**, 14, P1401-P1401
- 7 O2-01-01: A TRANSCRIPTOMIC LANDSCAPE OF MICROGLIAL ACTIVATION IN ALZHEIMER'S DISEASE **2018**, 14, P608-P608
- 6 F4-07-04: THE CONSEQUENCES OF TAU IN THE LOCUS COERULEUS ON ALZHEIMER'S DISEASE **2018**, 14, P1394-P1394
- 5 P2-217: INTEGRATED PROTEOMICS AND PHOSPHOPROTEOMICS REVEAL NETWORKS LINKED TO ALZHEIMER'S DISEASE RISK **2018**, 14, P752-P752
- 4 P3-191: COMPREHENSIVE MAPPING OF ALZHEIMER'S DISEASE BRAIN UBIQUITYLOME **2018**, 14, P1140-P1140
- 3 O2-02-05: RNA-BINDING PROTEINS WITH MIXED CHARGE DOMAINS SELF-ASSEMBLE AND AGGREGATE IN ALZHEIMER'S DISEASE **2018**, 14, P612-P612
- 2 Pre-existing semantic associations contribute to memorability of visual changes in a scene. *Journal of Vision*, **2021**, 21, 2209 0.4
- 1 Depression contributes to Alzheimer's disease through shared genetic risk.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e053251 1.2