

Todd E Golde

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

258
papers

23,636
citations

79
h-index

148
g-index

281
ext. papers

26,930
ext. citations

10.1
avg, IF

6.8
L-index

#	Paper	IF	Citations
258	Triple-transgenic model of Alzheimer β disease with plaques and tangles: intracellular Abeta and synaptic dysfunction. <i>Neuron</i> , 2003 , 39, 409-21	13.9	3031
257	A subset of NSAIDs lower amyloidogenic Abeta42 independently of cyclooxygenase activity. <i>Nature</i> , 2001 , 414, 212-6	50.4	1228
256	gamma -Secretase cleavage and nuclear localization of ErbB-4 receptor tyrosine kinase. <i>Science</i> , 2001 , 294, 2179-81	33.3	760
255	The secretases: enzymes with therapeutic potential in Alzheimer disease. <i>Nature Reviews Neurology</i> , 2010 , 6, 99-107	15	585
254	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer β disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
253	Abeta42 is essential for parenchymal and vascular amyloid deposition in mice. <i>Neuron</i> , 2005 , 47, 191-199	13.9	463
252	Aberrant cleavage of TDP-43 enhances aggregation and cellular toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7607-12	11.5	433
251	Expression of beta amyloid protein precursor mRNAs: recognition of a novel alternatively spliced form and quantitation in Alzheimer β disease using PCR. <i>Neuron</i> , 1990 , 4, 253-67	13.9	416
250	NSAIDs and enantiomers of flurbiprofen target gamma-secretase and lower Abeta 42 in vivo. <i>Journal of Clinical Investigation</i> , 2003 , 112, 440-9	15.9	382
249	Targeting Notch to target cancer stem cells. <i>Clinical Cancer Research</i> , 2010 , 16, 3141-52	12.9	371
248	Cholesterol-dependent gamma-secretase activity in buoyant cholesterol-rich membrane microdomains. <i>Neurobiology of Disease</i> , 2002 , 9, 11-23	7.5	365
247	Anti- α therapeutics in Alzheimer β disease: the need for a paradigm shift. <i>Neuron</i> , 2011 , 69, 203-13	13.9	303
246	Abeta40 inhibits amyloid deposition in vivo. <i>Journal of Neuroscience</i> , 2007 , 27, 627-33	6.6	280
245	Substrate-targeting gamma-secretase modulators. <i>Nature</i> , 2008 , 453, 925-9	50.4	261
244	Diverse compounds mimic Alzheimer disease-causing mutations by augmenting Abeta42 production. <i>Nature Medicine</i> , 2005 , 11, 545-50	50.5	254
243	Notch1 augments NF-kappaB activity by facilitating its nuclear retention. <i>EMBO Journal</i> , 2006 , 25, 129-38	38.3	248
242	A physiologic signaling role for the gamma -secretase-derived intracellular fragment of APP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 4697-702	11.5	246

241	IL-10 alters immunoproteostasis in APP mice, increasing plaque burden and worsening cognitive behavior. <i>Neuron</i> , 2015 , 85, 519-33	13.9	242
240	Massive gliosis induced by interleukin-6 suppresses Abeta deposition in vivo: evidence against inflammation as a driving force for amyloid deposition. <i>FASEB Journal</i> , 2010 , 24, 548-59	0.9	236
239	Inhibitors of β secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. <i>Nature Immunology</i> , 2005 , 6, 680-688	19.1	232
238	Intramuscular injection of β synuclein induces CNS β synuclein pathology and a rapid-onset motor phenotype in transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10732-7	11.5	229
237	Large-scale proteomic analysis of Alzheimer β 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
236	Evidence that nonsteroidal anti-inflammatory drugs decrease amyloid beta 42 production by direct modulation of gamma-secretase activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31831-7	5.4	226
235	Transthyretin protects Alzheimer β mice from the behavioral and biochemical effects of Abeta toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2681-6	11.5	222
234	Biochemical detection of Abeta isoforms: implications for pathogenesis, diagnosis, and treatment of Alzheimer β disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000 , 1502, 172-87	6.9	221
233	Suppression of hippocampal TRPM7 protein prevents delayed neuronal death in brain ischemia. <i>Nature Neuroscience</i> , 2009 , 12, 1300-7	25.5	211
232	Inhibition of soluble TNF signaling in a mouse model of Alzheimer β disease prevents pre-plaque amyloid-associated neuropathology. <i>Neurobiology of Disease</i> , 2009 , 34, 163-77	7.5	204
231	Animal models of neurodegenerative diseases. <i>Nature Neuroscience</i> , 2018 , 21, 1370-1379	25.5	204
230	Notch signaling in cancer. <i>Current Molecular Medicine</i> , 2006 , 6, 905-18	2.5	201
229	TCR-mediated Notch signaling regulates proliferation and IFN-gamma production in peripheral T cells. <i>Journal of Immunology</i> , 2003 , 171, 3019-24	5.3	200
228	Amyloid-beta immunization effectively reduces amyloid deposition in FcRgamma $^{-/-}$ knock-out mice. <i>Journal of Neuroscience</i> , 2003 , 23, 8532-8	6.6	191
227	β Secretase inhibitors and modulators. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 2898-907	3.7	190
226	Off the beaten pathway: the complex cross talk between Notch and NF-kappaB. <i>Laboratory Investigation</i> , 2008 , 88, 11-7	5.9	179
225	Gamma secretase inhibitor blocks Notch activation and induces apoptosis in Kaposi β sarcoma tumor cells. <i>Oncogene</i> , 2005 , 24, 6333-44	9.2	178
224	Notch signaling is activated by TLR stimulation and regulates macrophage functions. <i>European Journal of Immunology</i> , 2008 , 38, 174-83	6.1	172

223	Accelerated neurodegeneration through chaperone-mediated oligomerization of tau. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4158-69	15.9	169
222	Efficient neuronal gene transfer with AAV8 leads to neurotoxic levels of tau or green fluorescent proteins. <i>Molecular Therapy</i> , 2006 , 13, 517-27	11.7	156
221	Anti-Abeta42- and anti-Abeta40-specific mAbs attenuate amyloid deposition in an Alzheimer disease mouse model. <i>Journal of Clinical Investigation</i> , 2006 , 116, 193-201	15.9	155
220	Notch signaling mediates G1/S cell-cycle progression in T cells via cyclin D3 and its dependent kinases. <i>Blood</i> , 2009 , 113, 1689-98	2.2	145
219	Reduced effectiveness of Abeta1-42 immunization in APP transgenic mice with significant amyloid deposition. <i>Neurobiology of Aging</i> , 2001 , 22, 721-7	5.6	140
218	IFN-gamma promotes complement expression and attenuates amyloid plaque deposition in amyloid beta precursor protein transgenic mice. <i>Journal of Immunology</i> , 2010 , 184, 5333-43	5.3	139
217	Identification of a novel family of presenilin homologues. <i>Human Molecular Genetics</i> , 2002 , 11, 1037-44	5.6	139
216	Inhibitors of gamma-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. <i>Nature Immunology</i> , 2005 , 6, 680-8	19.1	133
215	Statins reduce amyloid-beta production through inhibition of protein isoprenylation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26832-26844	5.4	130
214	A novel gamma -secretase assay based on detection of the putative C-terminal fragment-gamma of amyloid beta protein precursor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 481-7	5.4	124
213	Genetic suppression of transgenic APP rescues Hypersynchronous network activity in a mouse model of Alzheimer β disease. <i>Journal of Neuroscience</i> , 2014 , 34, 3826-40	6.6	116
212	Alzheimer disease therapy: Can the amyloid cascade be halted?. <i>Journal of Clinical Investigation</i> , 2003 , 111, 11-18	15.9	116
211	Intracranial adeno-associated virus-mediated delivery of anti-pan amyloid beta, amyloid beta40, and amyloid beta42 single-chain variable fragments attenuates plaque pathology in amyloid precursor protein mice. <i>Journal of Neuroscience</i> , 2006 , 26, 11923-8	6.6	112
210	Filling the gaps in the abeta cascade hypothesis of Alzheimer β disease. <i>Current Alzheimer Research</i> , 2006 , 3, 421-30	3	111
209	β Secretase (BACE1) inhibition causes retinal pathology by vascular dysregulation and accumulation of age pigment. <i>EMBO Molecular Medicine</i> , 2012 , 4, 980-91	12	109
208	Secretory processing of the Alzheimer amyloid beta/A4 protein precursor is increased by protein phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 187, 1285-90	3.4	107
207	Notch regulates cytolytic effector function in CD8+ T cells. <i>Journal of Immunology</i> , 2009 , 182, 3380-9	5.3	106
206	Disease modifying therapy for AD?. <i>Journal of Neurochemistry</i> , 2006 , 99, 689-707	6	105

205	Abeta42-lowering nonsteroidal anti-inflammatory drugs preserve intramembrane cleavage of the amyloid precursor protein (APP) and ErbB-4 receptor and signaling through the APP intracellular domain. <i>Journal of Biological Chemistry</i> , 2003 , 278, 30748-54	5.4	105
204	Inhibition of Notch signaling reduces the stem-like population of breast cancer cells and prevents mammosphere formation. <i>Anticancer Research</i> , 2010 , 30, 3853-67	2.3	104
203	Capsid serotype and timing of injection determines AAV transduction in the neonatal mice brain. <i>PLoS ONE</i> , 2013 , 8, e67680	3.7	103
202	Cell-free assays for gamma-secretase activity. <i>FASEB Journal</i> , 2000 , 14, 2383-6	0.9	103
201	Brain injection of β synuclein induces multiple proteinopathies, gliosis, and a neuronal injury marker. <i>Journal of Neuroscience</i> , 2014 , 34, 12368-78	6.6	99
200	Frontotemporal dementia and parkinsonism associated with the IVS1+1G->A mutation in progranulin: a clinicopathologic study. <i>Brain</i> , 2006 , 129, 3103-14	11.2	99
199	Insights into the mechanisms of action of anti-A β antibodies in Alzheimer's disease mouse models. <i>FASEB Journal</i> , 2006 , 20, 2576-8	0.9	97
198	BRI2 (ITM2b) inhibits A β deposition in vivo. <i>Journal of Neuroscience</i> , 2008 , 28, 6030-6	6.6	93
197	Amyloidogenic β synuclein seeds do not invariably induce rapid, widespread pathology in mice. <i>Acta Neuropathologica</i> , 2014 , 127, 645-65	14.3	91
196	Inclusion body myositis-like phenotype induced by transgenic overexpression of beta APP in skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6334-9	11.5	91
195	Hippocampal expression of murine TNF α results in attenuation of amyloid deposition in vivo. <i>Molecular Neurodegeneration</i> , 2011 , 6, 16	19	90
194	Presenilin 1 regulates pharmacologically distinct gamma -secretase activities. Implications for the role of presenilin in gamma -secretase cleavage. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26277-84	5.4	90
193	Alzheimer's β secretase (BACE1) regulates the cAMP/PKA/CREB pathway independently of β amyloid. <i>Journal of Neuroscience</i> , 2012 , 32, 11390-5	6.6	88
192	Divergent effects of the H50Q and G51D SNCA mutations on the aggregation of β synuclein. <i>Journal of Neurochemistry</i> , 2014 , 131, 859-67	6	87
191	Increased free water in the substantia nigra of Parkinson's disease: a single-site and multi-site study. <i>Neurobiology of Aging</i> , 2015 , 36, 1097-104	5.6	86
190	Phosphorylation dynamics regulate Hsp27-mediated rescue of neuronal plasticity deficits in tau transgenic mice. <i>Journal of Neuroscience</i> , 2010 , 30, 15374-82	6.6	85
189	A presenilin 1 mutation associated with familial frontotemporal dementia inhibits gamma-secretase cleavage of APP and notch. <i>Neurobiology of Disease</i> , 2002 , 9, 269-73	7.5	85
188	MAPT mutations, tauopathy, and mechanisms of neurodegeneration. <i>Laboratory Investigation</i> , 2019 , 99, 912-928	5.9	84

187	The Aβ hypothesis: leading us to rationally-designed therapeutic strategies for the treatment or prevention of Alzheimer disease. <i>Brain Pathology</i> , 2005 , 15, 84-7	6	82
186	Viral transduction of the neonatal brain delivers controllable genetic mosaicism for visualising and manipulating neuronal circuits in vivo. <i>European Journal of Neuroscience</i> , 2013 , 37, 1203-20	3.5	81
185	Overlapping profiles of Aβ peptides in the Alzheimerβ disease and pathological aging brains. <i>Alzheimer's Research and Therapy</i> , 2012 , 4, 18	9	81
184	Robust amyloid clearance in a mouse model of Alzheimerβ disease provides novel insights into the mechanism of amyloid-beta immunotherapy. <i>Journal of Neuroscience</i> , 2011 , 31, 4124-36	6.6	81
183	Matrix metalloproteinase-9 contributes to brain extravasation and edema in fulminant hepatic failure mice. <i>Journal of Hepatology</i> , 2006 , 44, 1105-14	13.4	80
182	Thinking laterally about neurodegenerative proteinopathies. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1847-55	15.9	80
181	Alzheimerβ disease: The right drug, the right time. <i>Science</i> , 2018 , 362, 1250-1251	33.3	80
180	C-terminal PAL motif of presenilin and presenilin homologues required for normal active site conformation. <i>Journal of Neurochemistry</i> , 2006 , 96, 218-27	6	79
179	Hippocampal expression of murine IL-4 results in exacerbation of amyloid deposition. <i>Molecular Neurodegeneration</i> , 2012 , 7, 36	19	78
178	DDIS-06. AAV TOOLKIT ENABLING PRECISION COMBINATORIAL VIROTHERAPY FOR GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi70-vi70	1	78
177	β-secretase inhibitors in cancer clinical trials are pharmacologically and functionally distinct. <i>EMBO Molecular Medicine</i> , 2017 , 9, 950-966	12	77
176	Signal peptide peptidase forms a homodimer that is labeled by an active site-directed gamma-secretase inhibitor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 15153-60	5.4	72
175	Conserved brain myelination networks are altered in Alzheimerβ and other neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2018 , 14, 352-366	1.2	72
174	Targeting the ERAD pathway via inhibition of signal peptide peptidase for antiparasitic therapeutic design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 21486-91	11.5	71
173	Adeno-associated virus-mediated rescue of the cognitive defects in a mouse model for Angelman syndrome. <i>PLoS ONE</i> , 2011 , 6, e27221	3.7	69
172	Targeting Aβ and tau in Alzheimerβ disease, an early interim report. <i>Experimental Neurology</i> , 2010 , 223, 252-66	5.7	68
171	Meta-Analysis of the Alzheimerβ Disease Human Brain Transcriptome and Functional Dissection in Mouse Models. <i>Cell Reports</i> , 2020 , 32, 107908	10.6	68
170	Induction of CNS β-synuclein pathology by fibrillar and non-amyloidogenic recombinant β-synuclein. <i>Acta Neuropathologica Communications</i> , 2013 , 1, 38	7.3	67

169	Epidermal growth factor receptor and notch pathways participate in the tumor suppressor function of gamma-secretase. <i>Journal of Biological Chemistry</i> , 2007 , 282, 32264-73	5.4	66
168	Identification of ligand-induced proteolytic cleavage and ectodomain shedding of VEGFR-1/FLT1 in leukemic cancer cells. <i>Cancer Research</i> , 2009 , 69, 2607-14	10.1	65
167	Proteinopathy-induced neuronal senescence: a hypothesis for brain failure in Alzheimer β and other neurodegenerative diseases. <i>Alzheimer's Research and Therapy</i> , 2009 , 1, 5	9	65
166	Intracerebroventricular viral injection of the neonatal mouse brain for persistent and widespread neuronal transduction. <i>Journal of Visualized Experiments</i> , 2014 , 51863	1.6	64
165	Independent generation of Abeta42 and Abeta38 peptide species by gamma-secretase. <i>Journal of Biological Chemistry</i> , 2008 , 283, 17049-54	5.4	64
164	The non-cyclooxygenase targets of non-steroidal anti-inflammatory drugs, lipoxygenases, peroxisome proliferator-activated receptor, inhibitor of kappa B kinase, and NF kappa B, do not reduce amyloid beta 42 production. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31825-30	5.4	63
163	5-Lipoxygenase gene transfer worsens memory, amyloid, and tau brain pathologies in a mouse model of Alzheimer disease. <i>Annals of Neurology</i> , 2012 , 72, 442-54	9.4	62
162	Adeno-associated virus-mediated brain delivery of 5-lipoxygenase modulates the AD-like phenotype of APP mice. <i>Molecular Neurodegeneration</i> , 2012 , 7, 1	19	62
161	Notch signals in the endothelium and cancer "stem-like" cells: opportunities for cancer therapy. <i>Vascular Cell</i> , 2012 , 4, 7	1	60
160	Open questions for Alzheimer β disease immunotherapy. <i>Alzheimer's Research and Therapy</i> , 2014 , 6, 3	9	59
159	Normal cognition in transgenic BRI2-A β mice. <i>Molecular Neurodegeneration</i> , 2013 , 8, 15	19	57
158	Therapeutic targeting of NOTCH signaling ameliorates immune-mediated bone marrow failure of aplastic anemia. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1311-29	16.6	57
157	Novel rat Alzheimer β disease models based on AAV-mediated gene transfer to selectively increase hippocampal Abeta levels. <i>Molecular Neurodegeneration</i> , 2007 , 2, 11	19	56
156	Cholesterol modulation as an emerging strategy for the treatment of Alzheimer β disease. <i>Drug Discovery Today</i> , 2001 , 6, 1049-1055	8.8	56
155	beta-Secretase cleavage of the amyloid precursor protein mediates neuronal apoptosis caused by familial Alzheimer β disease mutations. <i>Molecular Brain Research</i> , 2001 , 97, 103-13		56
154	Microglia-specific targeting by novel capsid-modified AAV6 vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 16026	6.4	55
153	Signal peptide peptidases: a family of intramembrane-cleaving proteases that cleave type 2 transmembrane proteins. <i>Seminars in Cell and Developmental Biology</i> , 2009 , 20, 225-30	7.5	55
152	Alzheimer β disease phospholipase C-gamma-2 (PLCG2) protective variant is a functional hypermorph. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 16	9	54

151	Distinct differences in prion-like seeding and aggregation between Tau protein variants provide mechanistic insights into tauopathies. <i>Journal of Biological Chemistry</i> , 2018 , 293, 2408-2421	5.4	54
150	Interferon- γ induces progressive nigrostriatal degeneration and basal ganglia calcification. <i>Nature Neuroscience</i> , 2011 , 14, 694-6	25.5	54
149	A multigram chemical synthesis of the gamma-secretase inhibitor LY411575 and its diastereoisomers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6392-5	2.9	54
148	Targeting Notch in oncology: the path forward. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 125-144	64.1	53
147	Conformational templating of β -synuclein aggregates in neuronal-glia cultures. <i>Molecular Neurodegeneration</i> , 2013 , 8, 17	19	52
146	Non-Canonical Notch Signaling Drives Activation and Differentiation of Peripheral CD4(+) T Cells. <i>Frontiers in Immunology</i> , 2014 , 5, 54	8.4	52
145	Expression of Fused in sarcoma mutations in mice recapitulates the neuropathology of FUS proteinopathies and provides insight into disease pathogenesis. <i>Molecular Neurodegeneration</i> , 2012 , 7, 53	19	52
144	Anesthetic propofol attenuates the isoflurane-induced caspase-3 activation and A β oligomerization. <i>PLoS ONE</i> , 2011 , 6, e27019	3.7	52
143	Convection-enhanced delivery and systemic mannitol increase gene product distribution of AAV vectors 5, 8, and 9 and increase gene product in the adult mouse brain. <i>Journal of Neuroscience Methods</i> , 2010 , 194, 144-53	3	51
142	Inflammatory pre-conditioning restricts the seeded induction of β -synuclein pathology in wild type mice. <i>Molecular Neurodegeneration</i> , 2017 , 12, 1	19	49
141	High-affinity interactions and signal transduction between A β oligomers and TREM2. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	49
140	A signal peptide peptidase (SPP) reporter activity assay based on the cleavage of type II membrane protein substrates provides further evidence for an inverted orientation of the SPP active site relative to presenilin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 43148-56	5.4	47
139	Holdase activity of secreted Hsp70 masks amyloid- β 2 neurotoxicity in Drosophila. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5212-21	11.5	46
138	Lysine 624 of the amyloid precursor protein (APP) is a critical determinant of amyloid β peptide length: support for a sequential model of β -secretase intramembrane proteolysis and regulation by the amyloid β precursor protein (APP) juxtamembrane region. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39804-12	5.4	46
137	Notch Signaling Regulates Mitochondrial Metabolism and NF- κ B Activity in Triple-Negative Breast Cancer Cells via IKK-Dependent Non-canonical Pathways. <i>Frontiers in Oncology</i> , 2018 , 8, 575	5.3	46
136	Do infections have a role in the pathogenesis of Alzheimer disease?. <i>Nature Reviews Neurology</i> , 2020 , 16, 193-197	15	43
135	Biomarkers for Alzheimer's disease in plasma, serum and blood - conceptual and practical problems. <i>Alzheimer's Research and Therapy</i> , 2013 , 5, 10	9	42
134	The therapeutic importance of understanding mechanisms of neuronal cell death in neurodegenerative disease. <i>Molecular Neurodegeneration</i> , 2009 , 4, 8	19	42

133	Alzheimer disease therapy: can the amyloid cascade be halted?. <i>Journal of Clinical Investigation</i> , 2003 , 111, 11-8	15.9	42
132	Proteolysis of β synuclein fibrils in the lysosomal pathway limits induction of inclusion pathology. <i>Journal of Neurochemistry</i> , 2017 , 140, 662-678	6	41
131	The stress response neuropeptide CRF increases amyloid- β production by regulating β secretase activity. <i>EMBO Journal</i> , 2015 , 34, 1674-86	13	40
130	Linkage, whole genome sequence, and biological data implicate variants in RAB10 in Alzheimer β disease resilience. <i>Genome Medicine</i> , 2017 , 9, 100	14.4	40
129	Viral expression of ALS-linked ubiquilin-2 mutants causes inclusion pathology and behavioral deficits in mice. <i>Molecular Neurodegeneration</i> , 2015 , 10, 25	19	40
128	Generating differentially targeted amyloid-beta specific intrabodies as a passive vaccination strategy for Alzheimer β disease. <i>Molecular Therapy</i> , 2009 , 17, 2031-40	11.7	40
127	Intramembrane proteolytic cleavage by human signal peptide peptidase like 3 and malaria signal peptide peptidase. <i>FASEB Journal</i> , 2006 , 20, 1671-9	0.9	40
126	Reversible pathologic and cognitive phenotypes in an inducible model of Alzheimer-amyloidosis. <i>Journal of Neuroscience</i> , 2013 , 33, 3765-79	6.6	39
125	Possible mechanisms of action of NSAIDs and related compounds that modulate gamma-secretase cleavage. <i>Current Topics in Medicinal Chemistry</i> , 2008 , 8, 47-53	3	39
124	Re-Opening the Critical Window for Estrogen Therapy. <i>Journal of Neuroscience</i> , 2015 , 35, 16077-93	6.6	38
123	NOTCH1 Can Initiate NF- κ B Activation via Cytosolic Interactions with Components of the T Cell Signalosome. <i>Frontiers in Immunology</i> , 2014 , 5, 249	8.4	38
122	A gamma-secretase inhibitor and quinacrine reduce prions and prevent dendritic degeneration in murine brains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10595-600	11.5	37
121	Dysfunction of TGF-beta signaling in Alzheimer β disease. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2855-59	15.7	37
120	A candidate regulatory variant at the TREM gene cluster associates with decreased Alzheimer β disease risk and increased TREML1 and TREM2 brain gene expression. <i>Alzheimer's and Dementia</i> , 2017 , 13, 663-673	1.2	35
119	Widespread and efficient transduction of spinal cord and brain following neonatal AAV injection and potential disease modifying effect in ALS mice. <i>Molecular Therapy</i> , 2015 , 23, 53-62	11.7	35
118	Intrastriatal injection of β synuclein can lead to widespread synucleinopathy independent of neuroanatomic connectivity. <i>Molecular Neurodegeneration</i> , 2017 , 12, 40	19	35
117	Cyanobacterial peptides as a prototype for the design of potent β secretase inhibitors and the development of selective chemical probes for other aspartic proteases. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10749-65	8.3	35
116	Gene expression, methylation and neuropathology correlations at progressive supranuclear palsy risk loci. <i>Acta Neuropathologica</i> , 2016 , 132, 197-211	14.3	35

115	Reduced Alzheimer β disease β amyloid deposition in transgenic mice expressing S-palmitoylation-deficient APH1aL and nicastrin. <i>Journal of Neuroscience</i> , 2010 , 30, 16160-9	6.6	34
114	Notch inhibition in Kaposi β sarcoma tumor cells leads to mitotic catastrophe through nuclear factor-kappa β signaling. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 1983-92	6.1	33
113	Short A β peptides attenuate A β 2 toxicity in vivo. <i>Journal of Experimental Medicine</i> , 2018 , 215, 283-301	16.6	33
112	Steroids as β secretase modulators. <i>FASEB Journal</i> , 2013 , 27, 3775-85	0.9	32
111	A novel panel of β synuclein antibodies reveal distinctive staining profiles in synucleinopathies. <i>PLoS ONE</i> , 2017 , 12, e0184731	3.7	32
110	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
109	Notch Signaling in Myeloid Cells as a Regulator of Tumor Immune Responses. <i>Frontiers in Immunology</i> , 2018 , 9, 1288	8.4	31
108	Inhibitors of Rho-kinase modulate amyloid-beta (Abeta) secretion but lack selectivity for Abeta42. <i>Journal of Neurochemistry</i> , 2006 , 96, 355-65	6	31
107	Overexpression of nicastrin increases Abeta production. <i>FASEB Journal</i> , 2003 , 17, 1138-40	0.9	31
106	Targeting psychologic stress signaling pathways in Alzheimer β disease. <i>Molecular Neurodegeneration</i> , 2017 , 12, 49	19	30
105	Presenilin 1 regulates beta-catenin-mediated transcription in a glycogen synthase kinase-3-independent fashion. <i>Journal of Biological Chemistry</i> , 2001 , 276, 38563-9	5.4	30
104	Metformin inhibits RAN translation through PKR pathway and mitigates disease in ALS/FTD mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 18591-18599	11.5	30
103	Unbiased screen reveals ubiquilin-1 and -2 highly associated with huntingtin inclusions. <i>Brain Research</i> , 2013 , 1524, 62-73	3.7	29
102	Substrate sequence influences β secretase modulator activity, role of the transmembrane domain of the amyloid precursor protein. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39794-803	5.4	29
101	Immune responses against Abeta1-42 in HLA class II transgenic mice: implications for Abeta1-42 immune-mediated therapies. <i>Neurobiology of Aging</i> , 2003 , 24, 969-76	5.6	29
100	Divergent brain gene expression patterns associate with distinct cell-specific tau neuropathology traits in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , 2018 , 136, 709-727	14.3	28
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