Todd E Golde

List of Publications by Year
in descending order

264 papers	29,535 citations	4658 85 h-index	5829 161 g-index
281 all docs	281 docs citations	281 times ranked	29425 citing authors

#	Article	IF	Citations
1	Triple-Transgenic Model of Alzheimer's Disease with Plaques and Tangles. Neuron, 2003, 39, 409-421.	8.1	3,609
2	A subset of NSAIDs lower amyloidogenic AÎ²42 independently of cyclooxygenase activity. Nature, 2001, 414, 212-216.	27.8	1,352
3	Î³-Secretase Cleavage and Nuclear Localization of ErbB-4 Receptor Tyrosine Kinase. Science, 2001, 294, 2179-2181.	12.6	825
4	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
5	The secretases: enzymes with therapeutic potential in Alzheimer disease. Nature Reviews Neurology, 2010, 6, 99-107.	10.1	702
6	Large-scale proteomic analysis of Alzheimerâ€™s disease brain and cerebrospinal fluid reveals early changes in energy metabolism associated with microglia and astrocyte activation. Nature Medicine, 2020, 26, 769-780.	30.7	547
7	AÎ²42 Is Essential for Parenchymal and Vascular Amyloid Deposition in Mice. Neuron, 2005, 47, 191-199.	8.1	524
8	Aberrant cleavage of TDP-43 enhances aggregation and cellular toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7607-7612.	7.1	523
9	NSAIDs and enantiomers of flurbiprofen target Î³-secretase and lower AÎ²42 in vivo. Journal of Clinical Investigation, 2003, 112, 440-449.	8.2	476
10	Expression of Î² amyloid protein precursor mRNAs: Recognition of a novel alternatively spliced form and quantitation in alzheimer's disease using PCR. Neuron, 1990, 4, 253-267.	8.1	441
11	Targeting Notch to Target Cancer Stem Cells. Clinical Cancer Research, 2010, 16, 3141-3152.	7.0	410
12	Cholesterol-Dependent Î³-Secretase Activity in Buoyant Cholesterol-Rich Membrane Microdomains. Neurobiology of Disease, 2002, 9, 11-23.	4.4	406
13	Animal models of neurodegenerative diseases. Nature Neuroscience, 2018, 21, 1370-1379.	14.8	358
14	Anti-AÎ² Therapeutics in Alzheimer's Disease: The Need for a Paradigm Shift. Neuron, 2011, 69, 203-213.	8.1	350
15	AÎ²40 Inhibits Amyloid DepositionIn Vivo. Journal of Neuroscience, 2007, 27, 627-633.	3.6	327
16	IL-10 Alters Immunoproteostasis in APP Mice, Increasing Plaque Burden and Worsening Cognitive Behavior. Neuron, 2015, 85, 519-533.	8.1	292
17	Massive gliosis induced by interleukinâ€6 suppresses AÎ² deposition in vivo: evidence against inflammation as a driving force for amyloid deposition. FASEB Journal, 2010, 24, 548-559.	0.5	278
18	Substrate-targeting Î³-secretase modulators. Nature, 2008, 453, 925-929.	27.8	277

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19	Intramuscular injection of Î±-synuclein induces CNS Î±-synuclein pathology and a rapid-onset motor phenotype in transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10732-10737.	7.1	277
20	Diverse compounds mimic Alzheimer diseaseâ€“causing mutations by augmenting AÎ²42 production. Nature Medicine, 2005, 11, 545-550.	30.7	276
21	Biochemical detection of AÎ² isoforms: implications for pathogenesis, diagnosis, and treatment of Alzheimerâ€™s disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1502, 172-187.	3.8	272
22	Notch1 augments NF-ÎºB activity by facilitating its nuclear retention. EMBO Journal, 2006, 25, 129-138.	7.8	271
23	A physiologic signaling role for the Î³-secretase-derived intracellular fragment of APP. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4697-4702.	7.1	261
24	Evidence That Nonsteroidal Anti-inflammatory Drugs Decrease Amyloid Î²42 Production by Direct Modulation of Î³-Secretase Activity. Journal of Biological Chemistry, 2003, 278, 31831-31837.	3.4	259
25	Suppression of hippocampal TRPM7 protein prevents delayed neuronal death in brain ischemia. Nature Neuroscience, 2009, 12, 1300-1307.	14.8	259
26	Inhibitors of Î³-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. Nature Immunology, 2005, 6, 680-688.	14.5	252
27	Accelerated neurodegeneration through chaperone-mediated oligomerization of tau. Journal of Clinical Investigation, 2013, 123, 4158-4169.	8.2	246
28	Transthyretin protects Alzheimer's mice from the behavioral and biochemical effects of AÎ² toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2681-2686.	7.1	245
29	Î³-Secretase inhibitors and modulators. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2898-2907.	2.6	238
30	Inhibition of soluble TNF signaling in a mouse model of Alzheimer's disease prevents pre-plaque amyloid-associated neuropathology. Neurobiology of Disease, 2009, 34, 163-177.	4.4	236
31	TCR-Mediated Notch Signaling Regulates Proliferation and IFN-Î³ Production in Peripheral T Cells. Journal of Immunology, 2003, 171, 3019-3024.	0.8	227
32	Notch Signaling in Cancer. Current Molecular Medicine, 2006, 6, 905-918.	1.3	219
33	Off the beaten pathway: the complex cross talk between Notch and NF-ÎºB. Laboratory Investigation, 2008, 88, 11-17.	3.7	208
34	Notch signaling is activated by TLR stimulation and regulates macrophage functions. European Journal of Immunology, 2008, 38, 174-183.	2.9	207
35	Amyloid-Î² Immunization Effectively Reduces Amyloid Deposition in FcRÎ³^{-/-}Knock-Out Mice. Journal of Neuroscience, 2003, 23, 8532-8538.	3.6	205
36	Meta-Analysis of the Alzheimerâ€™s Disease Human Brain Transcriptome and Functional Dissection in Mouse Models. Cell Reports, 2020, 32, 107908.	6.4	199

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37	Gamma secretase inhibitor blocks Notch activation and induces apoptosis in Kaposi's sarcoma tumor cells. Oncogene, 2005, 24, 6333-6344.	5.9	195
38	MAPT mutations, tauopathy, and mechanisms of neurodegeneration. Laboratory Investigation, 2019, 99, 912-928.	3.7	190
39	Efficient Neuronal Gene Transfer with AAV8 Leads to Neurotoxic Levels of Tau or Green Fluorescent Proteins. Molecular Therapy, 2006, 13, 517-527.	8.2	180
40	Notch signaling mediates G1/S cell-cycle progression in T cells via cyclin D3 and its dependent kinases. Blood, 2009, 113, 1689-1698.	1.4	173
41	Anti-AÂ42- and anti-AÂ40-specific mAbs attenuate amyloid deposition in an Alzheimer disease mouse model. Journal of Clinical Investigation, 2005, 116, 193-201.	8.2	172
42	IFN-Î³ Promotes Complement Expression and Attenuates Amyloid Plaque Deposition in Amyloid Î² Precursor Protein Transgenic Mice. Journal of Immunology, 2010, 184, 5333-5343.	0.8	169
43	Identification of a novel family of presenilin homologues. Human Molecular Genetics, 2002, 11, 1037-1044.	2.9	157
44	Statins Reduce Amyloid-Î² Production through Inhibition of Protein Isoprenylation. Journal of Biological Chemistry, 2007, 282, 26832-26844.	3.4	156
45	Targeting Notch in oncology: the path forward. Nature Reviews Drug Discovery, 2021, 20, 125-144.	46.4	152
46	Intracerebroventricular Viral Injection of the Neonatal Mouse Brain for Persistent and Widespread Neuronal Transduction. Journal of Visualized Experiments, 2014, , 51863.	0.3	151
47	Notch Regulates Cytolytic Effector Function in CD8+ T Cells. Journal of Immunology, 2009, 182, 3380-3389.	0.8	150
48	Capsid Serotype and Timing of Injection Determines AAV Transduction in the Neonatal Mice Brain. PLoS ONE, 2013, 8, e67680.	2.5	149
49	Reduced effectiveness of AÎ²1-42 immunization in APP transgenic mice with significant amyloid deposition. Neurobiology of Aging, 2001, 22, 721-727.	3.1	148
50	Genetic Suppression of Transgenic APP Rescues Hypersynchronous Network Activity in a Mouse Model of Alzeimer's Disease. Journal of Neuroscience, 2014, 34, 3826-3840.	3.6	144
51	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel. JAMA Neurology, 2021, 78, 102.	9.0	144
52	Inhibitors of gamma-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. Nature Immunology, 2005, 6, 680-8.	14.5	139
53	A Novel Î³-Secretase Assay Based on Detection of the Putative C-terminal Fragment-Î³ of Amyloid Î² Protein Precursor. Journal of Biological Chemistry, 2001, 276, 481-487.	3.4	135
54	Increased free water in the substantia nigra of Parkinson's disease: a single-site and multi-site study. Neurobiology of Aging, 2015, 36, 1097-1104.	3.1	133

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55	Î²â€Secretase (BACE1) inhibition causes retinal pathology by vascular dysregulation and accumulation of age pigment. EMBO Molecular Medicine, 2012, 4, 980-991.	6.9	125
56	Alzheimer disease therapy: Can the amyloid cascade be halted?. Journal of Clinical Investigation, 2003, 111, 11-18.	8.2	125
57	Viral transduction of the neonatal brain delivers controllable genetic mosaicism for visualising and manipulating neuronal circuits in vivo. European Journal of Neuroscience, 2013, 37, 1203-1220.	2.6	123
58	Î³â€Secretase inhibitors in cancer clinical trials are pharmacologically and functionally distinct. EMBO Molecular Medicine, 2017, 9, 950-966.	6.9	123
59	AÎ²42-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. Journal of Biological Chemistry, 2003, 278, 30748-30754.	3.4	119
60	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. Journal of Neuroscience, 2006, 26, 11923-11928.	3.6	119
61	Filling the Gaps in the Aβ Cascade Hypothesis of Alzheimers Disease. Current Alzheimer Research, 2006, 3, 421-430.	1.4	116
62	Conserved brain myelination networks are altered in Alzheimer's and other neurodegenerative diseases. Alzheimer's and Dementia, 2018, 14, 352-366.	0.8	116
63	Secretory processing of the Alzheimer amyloid Î²A4 protein precursor is increased by protein phosphorylation. Biochemical and Biophysical Research Communications, 1992, 187, 1285-1290.	2.1	115
64	Disease modifying therapy for AD?. Journal of Neurochemistry, 2006, 99, 689-707.	3.9	115
65	Brain Injection of Î±-Synuclein Induces Multiple Proteinopathies, Gliosis, and a Neuronal Injury Marker. Journal of Neuroscience, 2014, 34, 12368-12378.	3.6	115
66	Inhibition of Notch signaling reduces the stem-like population of breast cancer cells and prevents mammosphere formation. Anticancer Research, 2010, 30, 3853-67.	1.1	115
67	Alzheimer's disease: The right drug, the right time. Science, 2018, 362, 1250-1251.	12.6	114
68	Insights into the mechanisms of action of antiâ€AÎ² antibodies in Alzheimer's disease mouse models. FASEB Journal, 2006, 20, 2576-2578.	0.5	110
69	BRI2 (ITM2b) Inhibits AÂ Deposition In Vivo. Journal of Neuroscience, 2008, 28, 6030-6036.	3.6	110
70	Cellâ€free assays for Î³â€secretase activity. FASEB Journal, 2000, 14, 2383-2386.	0.5	108
71	Hippocampal expression of murine TNFÎ± results in attenuation of amyloid deposition in vivo. Molecular Neurodegeneration, 2011, 6, 16.	10.8	106
72	Frontotemporal dementia and parkinsonism associated with the IVS1+1G->A mutation in progranulin: a clinicopathologic study. Brain, 2006, 129, 3103-3114.	7.6	105

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73	Phosphorylation Dynamics Regulate Hsp27-Mediated Rescue of Neuronal Plasticity Deficits in Tau Transgenic Mice. Journal of Neuroscience, 2010, 30, 15374-15382.	3.6	105
74	Matrix metalloproteinase-9 contributes to brain extravasation and edema in fulminant hepatic failure mice. Journal of Hepatology, 2006, 44, 1105-1114.	3.7	104
75	Alzheimer's Î²-Secretase (BACE1) Regulates the cAMP/PKA/CREB Pathway Independently of Î²-Amyloid. Journal of Neuroscience, 2012, 32, 11390-11395.	3.6	104
76	Divergent effects of the H50Q and G51D SNCA mutations on the aggregation of Î±â€synuclein. Journal of Neurochemistry, 2014, 131, 859-867.	3.9	104
77	Inflammatory pre-conditioning restricts the seeded induction of Î±-synuclein pathology in wild type mice. Molecular Neurodegeneration, 2017, 12, 1.	10.8	104
78	Inclusion body myositis-like phenotype induced by transgenic overexpression of Î²APP in skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6334-6339.	7.1	103
79	Amyloidogenic Î±-synuclein seeds do not invariably induce rapid, widespread pathology in mice. Acta Neuropathologica, 2014, 127, 645-665.	7.7	103
80	Distinct differences in prion-like seeding and aggregation between Tau protein variants provide mechanistic insights into tauopathies. Journal of Biological Chemistry, 2018, 293, 2408-2421.	3.4	103
81	Alzheimerâ€™s disease phospholipase C-gamma-2 (PLCG2) protective variant is a functional hypermorph. Alzheimer's Research and Therapy, 2019, 11, 16.	6.2	100
82	Hippocampal expression of murine IL-4 results in exacerbation of amyloid deposition. Molecular Neurodegeneration, 2012, 7, 36.	10.8	98
83	Thinking laterally about neurodegenerative proteinopathies. Journal of Clinical Investigation, 2013, 123, 1847-1855.	8.2	98
84	Robust Amyloid Clearance in a Mouse Model of Alzheimer's Disease Provides Novel Insights into the Mechanism of Amyloid-Î² Immunotherapy. Journal of Neuroscience, 2011, 31, 4124-4136.	3.6	97
85	Adeno-associated virus-mediated brain delivery of 5-lipoxygenase modulates the AD-like phenotype of APP mice. Molecular Neurodegeneration, 2012, 7, 1.	10.8	96
86	Do infections have a role in the pathogenesis of Alzheimer disease?. Nature Reviews Neurology, 2020, 16, 193-197.	10.1	96
87	Presenilin 1 Regulates Pharmacologically Distinct Î³-Secretase Activities. Journal of Biological Chemistry, 2000, 275, 26277-26284.	3.4	93
88	A Presenilin 1 Mutation Associated with Familial Frontotemporal Dementia Inhibits Î³-Secretase Cleavage of APP and Notch. Neurobiology of Disease, 2002, 9, 269-273.	4.4	92
89	Overlapping profiles of Abeta peptides in the Alzheimer's disease and pathological aging brains. Alzheimer's Research and Therapy, 2012, 4, 18.	6.2	92
90	Adeno-Associated Virus-Mediated Rescue of the Cognitive Defects in a Mouse Model for Angelman Syndrome. PLoS ONE, 2011, 6, e27221.	2.5	92

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91	The AÎ² Hypothesis: Leading Us to Rationally-Designed Therapeutic Strategies for the Treatment or Prevention of Alzheimer Disease. Brain Pathology, 2005, 15, 84-87.	4.1	91
92	Microglia-specific targeting by novel capsid-modified AAV6 vectors. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16026.	4.1	91
93	Targeting the ERAD pathway via inhibition of signal peptide peptidase for antiparasitic therapeutic design. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21486-21491.	7.1	89
94	C-terminal PAL motif of presenilin and presenilin homologues required for normal active site conformation. Journal of Neurochemistry, 2006, 96, 218-227.	3.9	87
95	Highâ€affinity interactions and signal transduction between AÎ² oligomers and <scp>TREM</scp> 2. EMBO Molecular Medicine, 2018, 10, .	6.9	86
96	Epidermal Growth Factor Receptor and Notch Pathways Participate in the Tumor Suppressor Function of Î³-Secretase. Journal of Biological Chemistry, 2007, 282, 32264-32273.	3.4	82
97	Targeting AÎ² and tau in Alzheimer's disease, an early interim report. Experimental Neurology, 2010, 223, 252-266.	4.1	80
98	Metformin inhibits RAN translation through PKR pathway and mitigates disease in C9orf72 ALS/FTD mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18591-18599.	7.1	79
99	Induction of CNS Î±-synuclein pathology by fibrillar and non-amyloidogenic recombinant Î±-synuclein. Acta Neuropathologica Communications, 2013, 1, 38.	5.2	78
100	Signal Peptide Peptidase Forms a Homodimer That Is Labeled by an Active Site-directed Î³-Secretase Inhibitor. Journal of Biological Chemistry, 2004, 279, 15153-15160.	3.4	77
101	Proteinopathy-induced neuronal senescence: a hypothesis for brain failure in Alzheimer's and other neurodegenerative diseases. Alzheimer's Research and Therapy, 2009, 1, 5.	6.2	77
102	Open questions for Alzheimerâ€™s disease immunotherapy. Alzheimer's Research and Therapy, 2014, 6, 3.	6.2	77
103	Non-Canonical Notch Signaling Drives Activation and Differentiation of Peripheral CD4+ T Cells. Frontiers in Immunology, 2014, 5, 54.	4.8	75
104	Notch signals in the endothelium and cancer "stem-like" cells: opportunities for cancer therapy. Vascular Cell, 2012, 4, 7.	0.2	74
105	Normal cognition in transgenic BRI2-AÎ² mice. Molecular Neurodegeneration, 2013, 8, 15.	10.8	74
106	The Non-cyclooxygenase Targets of Non-steroidal Anti-inflammatory Drugs, Lipoxygenases, Peroxisome Proliferator-activated Receptor, Inhibitor of Î°B Kinase, and NFÎ°B, Do Not Reduce Amyloid Î²42 Production. Journal of Biological Chemistry, 2003, 278, 31825-31830.	3.4	71
107	Independent Generation of AÎ²42 and AÎ²38 Peptide Species by Î³-Secretase. Journal of Biological Chemistry, 2008, 283, 17049-17054.	3.4	70
108	Organotypic brain slice cultures to model neurodegenerative proteinopathies. Molecular Neurodegeneration, 2019, 14, 45.	10.8	69

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109	Soluble Î±-synucleinâ€“antibody complexes activate the NLRP3 inflammasome in hiPSC-derived microglia. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	69
110	Identification of Ligand-Induced Proteolytic Cleavage and Ectodomain Shedding of VEGFR-1/FLT1 in Leukemic Cancer Cells. Cancer Research, 2009, 69, 2607-2614.	0.9	67
111	Interferon-Î³ induces progressive nigrostriatal degeneration and basal ganglia calcification. Nature Neuroscience, 2011, 14, 694-696.	14.8	67
112	Therapeutic targeting of NOTCH signaling ameliorates immune-mediated bone marrow failure of aplastic anemia. Journal of Experimental Medicine, 2013, 210, 1311-1329.	8.5	67
113	Linkage, whole genome sequence, and biological data implicate variants in RAB10 in Alzheimerâ€™s disease resilience. Genome Medicine, 2017, 9, 100.	8.2	67
114	A multigram chemical synthesis of the Î³-secretase inhibitor LY411575 and its diastereoisomers. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6392-6395.	2.2	64
115	Notch Signaling Regulates Mitochondrial Metabolism and NF-ÎºB Activity in Triple-Negative Breast Cancer Cells via IKKÎ±-Dependent Non-canonical Pathways. Frontiers in Oncology, 2018, 8, 575.	2.8	64
116	Cholesterol modulation as an emerging strategy for the treatment of Alzheimer's disease. Drug Discovery Today, 2001, 6, 1049-1055.	6.4	63
117	Novel rat Alzheimer's disease models based on AAV-mediated gene transfer to selectively increase hippocampal AÎ² levels. Molecular Neurodegeneration, 2007, 2, 11.	10.8	61
118	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. Journal of Neuroscience Methods, 2010, 194, 144-153.	2.5	61
119	Lysine 624 of the Amyloid Precursor Protein (APP) Is a Critical Determinant of Amyloid Î² Peptide Length. Journal of Biological Chemistry, 2011, 286, 39804-39812.	3.4	61
120	Expression of Fused in sarcoma mutations in mice recapitulates the neuropathology of FUS proteinopathies and provides insight into disease pathogenesis. Molecular Neurodegeneration, 2012, 7, 53.	10.8	61
121	Conformational templating of Î±-synuclein aggregates in neuronal-glial cultures. Molecular Neurodegeneration, 2013, 8, 17.	10.8	61
122	Holdase activity of secreted Hsp70 masks amyloid-Î²42 neurotoxicity in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5212-21.	7.1	60
123	Î²-Secretase cleavage of the amyloid precursor protein mediates neuronal apoptosis caused by familial Alzheimerâ€™s disease mutations. Molecular Brain Research, 2001, 97, 103-113.	2.3	59
124	Signal peptide peptidases: A family of intramembrane-cleaving proteases that cleave type 2 transmembrane proteins. Seminars in Cell and Developmental Biology, 2009, 20, 225-230.	5.0	59
125	Proteolysis of Î±â€synuclein fibrils in the lysosomal pathway limits induction of inclusion pathology. Journal of Neurochemistry, 2017, 140, 662-678.	3.9	59
126	Dysfunction of TGF-Î² signaling in Alzheimerâ€™s disease. Journal of Clinical Investigation, 2006, 116, 2855-2857.	8.2	57

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127	Alzheimer disease therapy: Can the amyloid cascade be halted?. Journal of Clinical Investigation, 2003, 111, 11-18.	8.2	57
128	Short AÎ² peptides attenuate AÎ²42 toxicity in vivo. Journal of Experimental Medicine, 2018, 215, 283-301.	8.5	56
129	Anesthetic Propofol Attenuates the Isoflurane-Induced Caspase-3 Activation and AÎ² Oligomerization. PLoS ONE, 2011, 6, e27019.	2.5	56
130	The therapeutic importance of understanding mechanisms of neuronal cell death in neurodegenerative disease. Molecular Neurodegeneration, 2009, 4, 8.	10.8	52
131	Biomarkers for Alzheimer's disease in plasma, serum and blood - conceptual and practical problems. Alzheimer's Research and Therapy, 2013, 5, 10.	6.2	51
132	Intrastriatal injection of Î±-synuclein can lead to widespread synucleinopathy independent of neuroanatomic connectivity. Molecular Neurodegeneration, 2017, 12, 40.	10.8	51
133	Widespread and Efficient Transduction of Spinal Cord and Brain Following Neonatal AAV Injection and Potential Disease Modifying Effect in ALS Mice. Molecular Therapy, 2015, 23, 53-62.	8.2	50
134	TLR5 decoy receptor as a novel anti-amyloid therapeutic for Alzheimerâ€™s disease. Journal of Experimental Medicine, 2018, 215, 2247-2264.	8.5	50
135	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. Journal of Biological Chemistry, 2004, 279, 43148-43156.	3.4	49
136	Gene expression, methylation and neuropathology correlations at progressive supranuclear palsy risk loci. Acta Neuropathologica, 2016, 132, 197-211.	7.7	49
137	A candidate regulatory variant at the TREM gene cluster associates with decreased Alzheimer's disease risk and increased TREML1 and TREM2 brain gene expression. Alzheimer's and Dementia, 2017, 13, 663-673.	0.8	48
138	rAAV-based brain slice culture models of Alzheimerâ€™s and Parkinsonâ€™s disease inclusion pathologies. Journal of Experimental Medicine, 2019, 216, 539-555.	8.5	48
139	NOTCH1 Can Initiate NF-ÃŽÂºB Activation via Cytosolic Interactions with Components of the T Cell Signalosome. Frontiers in Immunology, 2014, 5, 249.	4.8	47
140	Viral expression of ALS-linked ubiquilin-2 mutants causes inclusion pathology and behavioral deficits in mice. Molecular Neurodegeneration, 2015, 10, 25.	10.8	47
141	Re-Opening the Critical Window for Estrogen Therapy. Journal of Neuroscience, 2015, 35, 16077-16093.	3.6	47
142	The stress response neuropeptide <scp>CRF</scp> increases amyloidâ€Î²2 production by regulating Î³â€secretase activity. EMBO Journal, 2015, 34, 1674-1686.	7.8	47
143	Targeting psychologic stress signaling pathways in Alzheimerâ€™s disease. Molecular Neurodegeneration, 2017, 12, 49.	10.8	47
144	Divergent brain gene expression patterns associate with distinct cell-specific tau neuropathology traits in progressive supranuclear palsy. Acta Neuropathologica, 2018, 136, 709-727.	7.7	47

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145	Inflammation takes on Alzheimer disease. Nature Medicine, 2002, 8, 936-938.	30.7	46
146	Reversible Pathologic and Cognitive Phenotypes in an Inducible Model of Alzheimer-Amyloidosis. Journal of Neuroscience, 2013, 33, 3765-3779.	3.6	46
147	Integrative approach to sporadic Alzheimerâ€™s disease: deficiency of TYROBP in a tauopathy mouse model reduces C1q and normalizes clinical phenotype while increasing spread and state of phosphorylation of tau. Molecular Psychiatry, 2019, 24, 1383-1397.	7.9	46
148	A novel panel of Î±-synuclein antibodies reveal distinctive staining profiles in synucleinopathies. PLoS ONE, 2017, 12, e0184731.	2.5	45
149	Possible Mechanisms of Action of NSAIDs and Related Compounds that Modulate γ -Secretase Cleavage. Current Topics in Medicinal Chemistry, 2008, 8, 47-53.	2.1	43
150	Generating Differentially Targeted Amyloid-Î² Specific Intrabodies as a Passive Vaccination Strategy for Alzheimer's Disease. Molecular Therapy, 2009, 17, 2031-2040.	8.2	43
151	Intramembrane proteolytic cleavage by human signal peptide peptidase like 3 and malaria signal peptide peptidase. FASEB Journal, 2006, 20, 1671-1679.	0.5	42
152	A Î³-secretase inhibitor and quinacrine reduce prions and prevent dendritic degeneration in murine brains. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10595-10600.	7.1	42
153	Cyanobacterial Peptides as a Prototype for the Design of Potent Î²-Secretase Inhibitors and the Development of Selective Chemical Probes for Other Aspartic Proteases. Journal of Medicinal Chemistry, 2012, 55, 10749-10765.	6.4	42
154	Alzheimerâ€™s disease â€“ the journey of a healthy brain into organ failure. Molecular Neurodegeneration, 2022, 17, 18.	10.8	41
155	Precision therapeutic targets for COVID-19. Virology Journal, 2021, 18, 66.	3.4	40
156	Generation and characterization of new monoclonal antibodies targeting the PHF1 and AT8 epitopes on human tau. Acta Neuropathologica Communications, 2017, 5, 58.	5.2	39
157	Unbiased screen reveals ubiquilin-1 and -2 highly associated with huntingtin inclusions. Brain Research, 2013, 1524, 62-73.	2.2	38
158	Notch Signaling in Myeloid Cells as a Regulator of Tumor Immune Responses. Frontiers in Immunology, 2018, 9, 1288.	4.8	38
159	Inhibitors of Rhoâ€kinase modulate amyloidâ€Î² (AÎ²) secretion but lack selectivity for AÎ²42. Journal of Neurochemistry, 2006, 96, 355-365.	3.9	37
160	Reduced Alzheimer's Disease Î²-Amyloid Deposition in Transgenic Mice ExpressingS-Palmitoylation-Deficient APH1aL and Nicastrin. Journal of Neuroscience, 2010, 30, 16160-16169.	3.6	37
161	Notch inhibition in Kaposi's sarcoma tumor cells leads to mitotic catastrophe through nuclear factor-ÎºB signaling. Molecular Cancer Therapeutics, 2007, 6, 1983-1992.	4.1	36
162	Disease-Modifying Therapies for Alzheimer's Disease: More Questions than Answers. Neurotherapeutics, 2022, 19, 209-227.	4.4	36

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163	Presenilin 1 Regulates Î²-Catenin-mediated Transcription in a Glycogen Synthase Kinase-3-independent Fashion. Journal of Biological Chemistry, 2001, 276, 38563-38569.	3.4	35
164	Overexpression of nicastrin increases AÃŸ production. FASEB Journal, 2003, 17, 1138-1140.	0.5	35
165	Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. NeuroImage: Clinical, 2019, 24, 101985.	2.7	35
166	Neurite orientation dispersion and density imaging reveals white matter and hippocampal microstructure changes produced by Interleukin-6 in the TgCRND8 mouse model of amyloidosis. NeuroImage, 2019, 202, 116138.	4.2	34
167	Production of Amyloid Î² Protein from Normal Amyloid Î²-Protein Precursor (Î²APP) and the Mutated Î²APPS Linked to Familial Alzheimer's Diseasea. Annals of the New York Academy of Sciences, 1993, 695, 103-108.	3.8	33
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