

Jan NÅöslund

List of Publications by Year in descending order

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36
papers

6,726
citations

236925

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345221

36
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36
all docs

36
docs citations

36
times ranked

7561
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation Between Elevated Levels of Amyloid β -Peptide in the Brain and Cognitive Decline. JAMA - Journal of the American Medical Association, 2000, 283, 1571.	7.4	1,110
2	The 'Arctic' APP mutation (E693G) causes Alzheimer's disease by enhanced $A\beta$ protofibril formation. Nature Neuroscience, 2001, 4, 887-893.	14.8	1,042
3	Intraneuronal $A\beta_{42}$ Accumulation in Human Brain. American Journal of Pathology, 2000, 156, 15-20.	3.8	930
4	Macroautophagy—a novel β -amyloid peptide-generating pathway activated in Alzheimer's disease. Journal of Cell Biology, 2005, 171, 87-98.	5.2	891
5	Arrest of β -Amyloid Fibril Formation by a Pentapeptide Ligand. Journal of Biological Chemistry, 1996, 271, 8545-8548.	3.4	850
6	Controlling Amyloid β -Peptide Fibril Formation with Protease-stable Ligands. Journal of Biological Chemistry, 1997, 272, 12601-12605.	3.4	207
7	Characterization of stable complexes involving apolipoprotein E and the amyloid β peptide in Alzheimer's disease brain. Neuron, 1995, 15, 219-228.	8.1	195
8	A Nine-transmembrane Domain Topology for Presenilin 1. Journal of Biological Chemistry, 2005, 280, 35352-35360.	3.4	162
9	Endogenous Proteins Controlling Amyloid β -Peptide Polymerization. Journal of Biological Chemistry, 1999, 274, 15990-15995.	3.4	144
10	Partial Purification and Characterization of β -Secretase from Post-mortem Human Brain. Journal of Biological Chemistry, 2003, 278, 24277-24284.	3.4	135
11	Amyloid fibril formation by pulmonary surfactant protein C. FEBS Letters, 1999, 464, 138-142.	2.8	100
12	A Sensitive and Quantitative Assay for Measuring Cleavage of Presenilin Substrates. Journal of Biological Chemistry, 2002, 277, 6763-6766.	3.4	94
13	Clinical and Neuropathological Features of the Arctic APP Gene Mutation Causing Early-Onset Alzheimer Disease. Archives of Neurology, 2008, 65, 499.	4.5	91
14	Quantification of Alzheimer Amyloid β Peptides Ending at Residues 40 and 42 by Novel ELISA Systems. Molecular Medicine, 2000, 6, 291-302.	4.4	66
15	Pen-2 Is Sequestered in the Endoplasmic Reticulum and Subjected to Ubiquitylation and Proteasome-mediated Degradation in the Absence of Presenilin. Journal of Biological Chemistry, 2004, 279, 16744-16753.	3.4	66
16	Controlling Polymerization of β -Amyloid and Prion-derived Peptides with Synthetic Small Molecule Ligands. Journal of Biological Chemistry, 2000, 275, 1673-1678.	3.4	65
17	Presenilin-1 Mutation L271V Results in Altered Exon 8 Splicing and Alzheimer's Disease with Non-cored Plaques and No Neuritic Dystrophy. Journal of Biological Chemistry, 2003, 278, 6748-6754.	3.4	54
18	The Arctic mutation interferes with processing of the amyloid precursor protein. NeuroReport, 2002, 13, 1857-1860.	1.2	48

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19	Co-expressed presenilin 1 NTF and CTF form functional $\hat{\Gamma}^3$ -secretase complexes in cells devoid of full-length protein. <i>Journal of Neurochemistry</i> , 2004, 89, 44-53.	3.9	47
20	The Extreme C Terminus of Presenilin 1 Is Essential for $\hat{\Gamma}^3$ -Secretase Complex Assembly and Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 45564-45572.	3.4	43
21	Progressive neuropathology and cognitive decline in a single Arctic APP transgenic mouse model. <i>Neurobiology of Aging</i> , 2011, 32, 280-292.	3.1	42
22	Amyloid neuropathology in the single Arctic APP transgenic model affects interconnected brain regions. <i>Neurobiology of Aging</i> , 2012, 33, 831.e11-831.e19.	3.1	40
23	Collagenous Alzheimer amyloid plaque component assembles amyloid fibrils into protease resistant aggregates. <i>FEBS Journal</i> , 2005, 272, 2231-2236.	4.7	34
24	Generation of Alzheimer Amyloid $\hat{\Gamma}^2$ Peptide through Nonspecific Proteolysis. <i>Journal of Biological Chemistry</i> , 1997, 272, 1870-1875.	3.4	30
25	CLAC Binds to Aggregated $A\hat{\Gamma}^2$ and $A\hat{\Gamma}^2$ Fragments, and Attenuates Fibril Elongation. <i>Biochemistry</i> , 2005, 44, 15602-15609.	2.5	30
26	APP intracellular domain formation and unaltered signaling in the presence of familial Alzheimer's disease mutations. <i>Experimental Cell Research</i> , 2003, 287, 1-9.	2.6	25
27	Aph-1 interacts at the cell surface with proteins in the active $\hat{\Gamma}^3$ -secretase complex and membrane-tethered Notch. <i>Journal of Neurochemistry</i> , 2005, 92, 1010-1020.	3.9	25
28	Characterization of the Alzheimer's Disease-associated CLAC Protein and Identification of an Amyloid $\hat{\Gamma}^2$ -Peptide-binding Site. <i>Journal of Biological Chemistry</i> , 2005, 280, 1007-1015.	3.4	25
29	High-Resolution Separation of Amyloid $\hat{\Gamma}^2$ -Peptides: Structural Variants Present in Alzheimer's Disease Amyloid. <i>Journal of Neurochemistry</i> , 1996, 67, 294-301.	3.9	23
30	gamma-Secretase complexes containing N- and C-terminal fragments of different presenilin origin retain normal gamma-secretase activity. <i>Journal of Neurochemistry</i> , 2005, 95, 880-890.	3.9	20
31	Molecular Identification of AMY, an Alzheimer Disease Amyloid-Associated Protein. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2003, 62, 1108-1117.	1.7	18
32	The Alzheimer's disease-associated $\hat{\Gamma}^3$ -secretase complex: Functional domains in the presenilin 1 protein. <i>Physiology and Behavior</i> , 2007, 92, 115-120.	2.1	18
33	Functional Domains in Presenilin 1. <i>Journal of Biological Chemistry</i> , 2004, 279, 23925-23932.	3.4	16
34	Mutations in Nicastrin Protein Differentially Affect Amyloid $\hat{\Gamma}^2$ -Peptide Production and Notch Protein Processing. <i>Journal of Biological Chemistry</i> , 2011, 286, 31153-31158.	3.4	15
35	The Large Hydrophilic Loop of Presenilin 1 Is Important for Regulating $\hat{\Gamma}^3$ -Secretase Complex Assembly and Dictating the Amyloid $\hat{\Gamma}^2$ Peptide ($A\hat{\Gamma}^2$) Profile without Affecting Notch Processing*. <i>Journal of Biological Chemistry</i> , 2010, 285, 8527-8536.	3.4	13
36	A porcine gut polypeptide identical to the pancreatic hormone PP (pancreatic polypeptide). <i>FEBS Letters</i> , 1994, 341, 239-243.	2.8	12