

The toxic A β ² oligomer and Alzheimer's disease: an empirical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Upcoming candidate cerebrospinal fluid biomarkers of Alzheimer's disease. <i>Biomarkers in Medicine</i> , 2012, 6, 455-476.	0.6	100
2	Neurotoxicity and Memory Deficits Induced by Soluble Low-Molecular-Weight Amyloid- β 1-42 Oligomers Are Revealed In Vivo by Using a Novel Animal Model. <i>Journal of Neuroscience</i> , 2012, 32, 7852-7861.	1.7	156
3	The Pathways and Roles of cellular PrP- β interactions. <i>Prion</i> , 2012, 6, 359-363.	0.9	10
4	Expression of the plant viral protease Nla in the brain of a mouse model of Alzheimer's disease mitigates β pathology and improves cognitive function. <i>Experimental and Molecular Medicine</i> , 2012, 44, 740.	3.2	16
5	Putting a cap on AD. <i>Science-Business EXchange</i> , 2012, 5, 916-916.	0.0	0
6	Low-density lipoprotein receptor overexpression enhances the rate of brain-to-blood β clearance in a mouse model of β -amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15502-15507.	3.3	138
7	Differential Regulation of Amyloid- β Endocytic Trafficking and Lysosomal Degradation by Apolipoprotein E Isoforms. <i>Journal of Biological Chemistry</i> , 2012, 287, 44593-44601.	1.6	156
8	Mitochondrion-mediated cell death: dissecting yeast apoptosis for a better understanding of neurodegeneration. <i>Frontiers in Oncology</i> , 2012, 2, 182.	1.3	36
9	Probing and Trapping a Sensitive Conformation: Amyloid- β Fibrils, Oligomers, and Dimers. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 197-215.	1.2	23
10	The value and limitations of transgenic mouse models used in drug discovery for Alzheimer's disease: an update. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 281-297.	2.5	42
11	Insulin and IGF-1 signalling: longevity, protein homeostasis and Alzheimer's disease. <i>Biochemical Society Transactions</i> , 2012, 40, 721-727.	1.6	117
12	Light-Controlled Toxicity of Engineered Amyloid β Peptides. <i>ChemBioChem</i> , 2012, 13, 2657-2660.	1.3	10
13	Bioinformatics aggregation predictors in the study of protein conformational diseases of the human nervous system. <i>Electrophoresis</i> , 2012, 33, 3669-3679.	1.3	7
14	Fe65 matters: New light on an old molecule. <i>IUBMB Life</i> , 2012, 64, 936-942.	1.5	20
15	Determination of amyloid core structure using chemical shifts. <i>Protein Science</i> , 2012, 21, 1948-1953.	3.1	12
16	Pathogenesis and Disease-modifying Therapy in Alzheimer's Disease: The Flat Line of Progress. <i>Archives of Medical Research</i> , 2012, 43, 694-698.	1.5	85
17	Transient small molecule interactions kinetically modulate amyloid β peptide self-assembly. <i>FEBS Letters</i> , 2012, 586, 3991-3995.	1.3	21
18	Apolipoprotein E, amyloid- β clearance and therapeutic opportunities in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 32.	3.0	50

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19	Specific Recognition of Biologically Active Amyloid- β^2 Oligomers by a New Surface Plasmon Resonance-based Immunoassay and an in Vivo Assay in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 27796-27805.	1.6	52
20	Ligand-Gated Ion Channels: New Insights into Neurological Disorders and Ligand Recognition. <i>Chemical Reviews</i> , 2012, 112, 6285-6318.	23.0	133
21	pH-dependence of the specific binding of Cu(II) and Zn(II) ions to the amyloid- β^2 peptide. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 554-560.	1.0	46
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23	Alzheimer Mechanisms and Therapeutic Strategies. <i>Cell</i> , 2012, 148, 1204-1222.	13.5	1,548
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29	β^2 -Amyloid (1-40) Peptide Interactions with Supported Phospholipid Membranes: A Single-Molecule Study. <i>Biophysical Journal</i> , 2012, 103, 1500-1509.	0.2	56
30	Hematopoietic MyD88-adaptor Protein Acts as a Natural Defense Mechanism for Cognitive Deficits in Alzheimer's Disease. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 898-904.	5.6	27
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38	Prion propagation, toxicity and degradation. Nature Neuroscience, 2012, 15, 936-939.	7.1	105
39	Differential Activation of the ER Stress Factor XBP1 by Oligomeric Assemblies. Neurochemical Research, 2012, 37, 1707-1717.	1.6	45
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52	Dissecting phenotypic traits linked to human resilience to Alzheimerâ€™s pathology. Brain, 2013, 136, 2510-2526.	3.7	294
53	Dietary cholesterol degrades rabbit long term memory for discrimination learning but facilitates acquisition of discrimination reversal. Neurobiology of Learning and Memory, 2013, 106, 238-245.	1.0	4
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60	Brain amyloid- β oligomers in ageing and Alzheimer's disease. <i>Brain</i> , 2013, 136, 1383-1398.	3.7	384
61	Globular and Protofibrillar A β Aggregates Impair Neurotransmission by Different Mechanisms. <i>Biochemistry</i> , 2013, 52, 1466-1476.	1.2	20
62	Biology and Genetics of Prions Causing Neurodegeneration. <i>Annual Review of Genetics</i> , 2013, 47, 601-623.	3.2	384
63	Formation of Dynamic Soluble Surfactant-induced Amyloid β Peptide Aggregation Intermediates. <i>Journal of Biological Chemistry</i> , 2013, 288, 23518-23528.	1.6	43
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65	Single-Molecule Imaging Reveals A β ²⁴² :A β ²⁴⁰ Ratio-Dependent Oligomer Growth on Neuronal Processes. <i>Biophysical Journal</i> , 2013, 104, 894-903.	0.2	29
66	Free energy landscapes for initiation and branching of protein aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20515-20520.	3.3	39
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71	N-truncated A β starting with position four: early intraneuronal accumulation and rescue of toxicity using NT4X-167, a novel monoclonal antibody. <i>Acta Neuropathologica Communications</i> , 2013, 1, 56.	2.4	36
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82	Alzheimer's Disease Modeling: Ups, Downs, and Perspectives for Human Induced Pluripotent Stem Cells. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 563-588.	1.2	34
83	β -Synuclein Oligomers: an Amyloid Pore?. <i>Molecular Neurobiology</i> , 2013, 47, 613-621.	1.9	87
84	Cellular Polyamines Promote Amyloid-Beta ($A\beta$) Peptide Fibrillation and Modulate the Aggregation Pathways. <i>ACS Chemical Neuroscience</i> , 2013, 4, 454-462.	1.7	89
85	Different Fates of Alzheimer's Disease Amyloid- β Fibrils Remodeled by Biocompatible Small Molecules. <i>Biomacromolecules</i> , 2013, 14, 264-274.	2.6	29
86	Different effects of soluble and aggregated amyloid β 42 on gene/protein expression and enzyme activity involved in insulin and APP pathways. <i>Journal of Neural Transmission</i> , 2013, 120, 113-120.	1.4	15
87	β -Synuclein oligomers and clinical implications for Parkinson disease. <i>Annals of Neurology</i> , 2013, 73, 155-169.	2.8	255
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94	Abundant pyroglutamate-modified ABri and ADan peptides in extracellular and vascular amyloid deposits in familial British and Danish dementias. <i>Neurobiology of Aging</i> , 2013, 34, 1416-1425.	1.5	14
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122	Amyloid- β oligomers induce tau-independent disruption of BDNF axonal transport via calcineurin activation in cultured hippocampal neurons. <i>Molecular Biology of the Cell</i> , 2013, 24, 2494-2505.	0.9	57
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147	Amyloid Beta-Protein and Neural Network Dysfunction. <i>Journal of Neurodegenerative Diseases</i> , 2013, 2013, 1-8.	1.1	23
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