Charles Glabe

List of Publications by Year in descending order

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34 papers	4,094 citations	257450 24 h-index	434195 31 g-index
36 all docs	36 docs citations	36 times ranked	5529 citing authors

#	Article	IF	Citations
1	An â€œepitomicâ€•analysis of the specificity of conformation-dependent, anti-AÃŸ amyloid monoclonal antibodies. Journal of Biological Chemistry, 2021, 296, 100168.	3.4	9
2	Apolipoprotein E/Amyloid-Î² Complex Accumulates in Alzheimer Disease Cortical Synapses via Apolipoprotein E Receptors and Is Enhanced by APOE4. American Journal of Pathology, 2019, 189, 1621-1636.	3.8	35
3	Epitomic Characterization of the Specificity of the Anti-Amyloid AÎ² Monoclonal Antibodies 6E10 and 4G8. Journal of Alzheimer's Disease, 2018, 66, 1235-1244.	2.6	45
4	Deficiency of TYROBP, an adapter protein for TREM2 and CR3 receptors, is neuroprotective in a mouse model of early Alzheimerâ€™s pathology. Acta Neuropathologica, 2017, 134, 769-788.	7.7	85
5	The Anti-Amyloid-Î² Monoclonal Antibody 4G8 Recognizes a Generic Sequence-Independent Epitope Associated with Î±-Synuclein and Islet Amyloid Polypeptide Amyloid Fibrils. Journal of Alzheimer's Disease, 2016, 50, 517-525.	2.6	28
6	Unexpected partial correction of metabolic and behavioral phenotypes of Alzheimerâ€™s APP/PSEN1 mice by gene targeting of diabetes/Alzheimerâ€™s-related Sorcs1. Acta Neuropathologica Communications, 2016, 4, 16.	5.2	24
7	Synaptic Amyloid-Î² Oligomers Precede p-Tau and Differentiate High Pathology Control Cases. American Journal of Pathology, 2016, 186, 185-198.	3.8	94
8	Monoclonal Antibodies against AÎ²42 Fibrils Distinguish Multiple Aggregation State Polymorphisms in Vitro and in Alzheimer Disease Brain. Journal of Biological Chemistry, 2014, 289, 32131-32143.	3.4	103
9	Positron Emission Tomography Imaging of Fibrillar Parenchymal and Vascular Amyloid-Î² in TgCRND8 Mice. ACS Chemical Neuroscience, 2013, 4, 613-623.	3.5	21
10	Methylene Blue Modulates Huntingtin Aggregation Intermediates and Is Protective in Huntington's Disease Models. Journal of Neuroscience, 2012, 32, 11109-11119.	3.6	86
11	Crystal structure of a conformation-dependent rabbit IgG Fab specific for amyloid prefibrillar oligomers. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1908-1914.	2.4	22
12	Atomic View of a Toxic Amyloid Small Oligomer. Science, 2012, 335, 1228-1231.	12.6	518
13	Days to criterion as an indicator of toxicity associated with human Alzheimer amyloidâ€Î² oligomers. Annals of Neurology, 2010, 68, 220-230.	5.3	123
14	Conformation dependent monoclonal antibodies distinguish different replicating strains or conformers of prefibrillar AÎ² oligomers. Molecular Neurodegeneration, 2010, 5, 57.	10.8	135
15	Progressive accumulation of amyloidâ€Î² oligomers in Alzheimerâ€™s disease and in amyloid precursor protein transgenic mice is accompanied by selective alterations in synaptic scaffold proteins. FEBS Journal, 2010, 277, 3051-3067.	4.7	188
16	Hsp70 and Hsp40 Functionally Interact with Soluble Mutant Huntingtin Oligomers in a Classic ATP-dependent Reaction Cycle. Journal of Biological Chemistry, 2010, 285, 38183-38193.	3.4	74
17	Fibrillar Oligomers Nucleate the Oligomerization of Monomeric Amyloid Î² but Do Not Seed Fibril Formation. Journal of Biological Chemistry, 2010, 285, 6071-6079.	3.4	143
18	Examination of potential mechanisms of amyloid-induced defects in neuronal transport. Neurobiology of Disease, 2009, 36, 11-25.	4.4	40

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19	A fibril-specific, conformation-dependent antibody recognizes a subset of AÎ² plaques in Alzheimer disease, Down syndrome and Tg2576 transgenic mouse brain. Acta Neuropathologica, 2009, 118, 505-517.	7.7	41
20	Annular Protofibrils Are a Structurally and Functionally Distinct Type of Amyloid Oligomer. Journal of Biological Chemistry, 2009, 284, 4230-4237.	3.4	307
21	A Two-Year Study with Fibrillar Â-Amyloid (AÂ) Immunization in Aged Canines: Effects on Cognitive Function and Brain AÂ. Journal of Neuroscience, 2008, 28, 3555-3566.	3.6	113
22	CNI-1493 inhibits AÎ² production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. Journal of Experimental Medicine, 2008, 205, 1593-1599.	8.5	21
23	CNI-1493 inhibits AÃŸ production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. Journal of Cell Biology, 2008, 182, i1-i1.	5.2	0
24	AÎ² Structure and Aggregation. , 2007, , 113-131.		1
25	Different Conformations of Amyloid Î² Induce Neurotoxicity by Distinct Mechanisms in Human Cortical Neurons. Journal of Neuroscience, 2006, 26, 6011-6018.	3.6	466
26	Soluble Amyloid Oligomers Increase Bilayer Conductance by Altering Dielectric Structure. Journal of General Physiology, 2006, 128, 637-647.	1.9	211
27	Oxidation of AÎ² and Plaque Biogenesis in Alzheimer's Disease and Down Syndrome. Neurobiology of Disease, 2001, 8, 792-806.	4.4	71
28	Intracellular Mechanisms of Amyloid Accumulation and Pathogenesis in Alzheimer's Disease. Journal of Molecular Neuroscience, 2001, 17, 137-145.	2.3	205
29	Does Alzheimer disease tilt the scales of amyloid degradation versus accumulation?. Nature Medicine, 2000, 6, 133-134.	30.7	34
30	Improved synthesis and purification of Alzheimer's AÎ² 1â€“42 and analogs. International Journal of Peptide Research and Therapeutics, 1999, 6, 151-156.	0.1	0
31	Cu(II) Potentiation of Alzheimer AÎ² Neurotoxicity. Journal of Biological Chemistry, 1999, 274, 37111-37116.	3.4	688
32	Synthesis of Alzheimer's (1â€“42) AÎ²-amyloid peptide with preformed Fmoc-aminoacyl fluorides. Techniques in Protein Chemistry, 1997, , 865-873.	0.3	2
33	Intracellular AÎ²1-42 Aggregates Stimulate the Accumulation of Stable, Insoluble Amyloidogenic Fragments of the Amyloid Precursor Protein in Transfected Cells. Journal of Biological Chemistry, 1995, 270, 14786-14792.	3.4	124
34	Studies on the interactions of sperm with the surface of the sea urchin egg. Developmental Biology, 1981, 84, 397-406.	2.0	36