

# Alzheimer-associated A $\beta$ oligomers impact the central metabolic deregulation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cerebrospinal Fluid A $\beta$ Levels: When Physiological Become Pathological State. CNS Neuroscience and Therapeutics, 2015, 21, 921-925.	1.9	41
2	Inflammation and Oxidative Stress: The Molecular Connectivity between Insulin Resistance, Obesity, and Alzheimer's Disease. Mediators of Inflammation, 2015, 2015, 1-17.	1.4	360
3	Impaired cognition and cerebral glucose regulation are associated with astrocyte activation in the parenchyma of metabolically stressed APP <sup>swe</sup> /PS1 <sup>dE9</sup> mice. Neurobiology of Aging, 2015, 36, 2984-2994.	1.5	35
4	Complex mechanisms linking neurocognitive dysfunction to insulin resistance and other metabolic dysfunction. F1000Research, 2016, 5, 353.	0.8	68
5	Current Research Therapeutic Strategies for Alzheimer's Disease Treatment. Neural Plasticity, 2016, 2016, 1-15.	1.0	200
6	The Role of Dopamine and Its Dysfunction as a Consequence of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	1.9	179
7	The pathophysiology of defective proteostasis in the hypothalamus from obesity to ageing. Nature Reviews Endocrinology, 2016, 12, 723-733.	4.3	74
8	Unexpected partial correction of metabolic and behavioral phenotypes of Alzheimer's APP/PSEN1 mice by gene targeting of diabetes/Alzheimer's-related Sorcs1. Acta Neuropathologica Communications, 2016, 4, 16.	2.4	24
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19	Getting a "GRI" on Hypothalamic Endoplasmic Reticulum Stress to Combat Obesity. <i>Diabetes</i> , 2017, 66, 17-19.	0.3	6
20	The Link between Type 2 Diabetes and Neurodegeneration: Roles for Amyloid- $\beta^2$ , Amylin, and Tau Proteins. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 421-432.	1.2	154
21	LC-MS identification and preparative HPLC isolation of <i>Frankenia pulverulenta</i> phenolics with antioxidant and neuroprotective capacities in PC12 cell line. <i>Pharmaceutical Biology</i> , 2017, 55, 880-887.	1.3	25
22	Chronic sleep restriction promotes brain inflammation and synapse loss, and potentiates memory impairment induced by amyloid- $\beta^2$ oligomers in mice. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 140-151.	2.0	89
23	Alzheimer's disease pathology and the unfolded protein response: prospective pathways and therapeutic targets. <i>Behavioural Pharmacology</i> , 2017, 28, 161-178.	0.8	11
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31	Amyloid precursor protein in pancreatic islets. <i>Journal of Endocrinology</i> , 2017, 235, 49-67.	1.2	26
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40	Insulin Resistance as a Link between Amyloid-Beta and Tau Pathologies in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 118.	1.7	118
41	T Lymphocytes and Inflammatory Mediators in the Interplay between Brain and Blood in Alzheimer's Disease: Potential Pools of New Biomarkers. <i>Journal of Immunology Research</i> , 2017, 2017, 1-17.	0.9	77
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52	Metabolic Dysfunction in Alzheimer's Disease: From Basic Neurobiology to Clinical Approaches. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S405-S426.	1.2	66
53	Brain-Defective Insulin Signaling Is Associated to Late Cognitive Impairment in Post-Septic Mice. <i>Molecular Neurobiology</i> , 2018, 55, 435-444.	1.9	26
54	Brain Under Stress and Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 73-84.	1.7	32

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56	Connecting Alzheimer's disease to diabetes: Underlying mechanisms and potential therapeutic targets. <i>Neuropharmacology</i> , 2018, 136, 160-171.	2.0	99
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63	Challenges for Alzheimer's Disease Therapy: Insights from Novel Mechanisms Beyond Memory Defects. <i>Frontiers in Neuroscience</i> , 2018, 12, 37.	1.4	132
64	Suppressor of Cytokine Signaling 3: Emerging Role Linking Central Insulin Resistance and Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 417.	1.4	34
65	Hypothalamic Alterations in Neurodegenerative Diseases and Their Relation to Abnormal Energy Metabolism. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 2.	1.4	113
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67	Augmented Insulin and Leptin Resistance of High Fat Diet-Fed APP <sup>swe</sup> /PS1 <sup>dE9</sup> Transgenic Mice Exacerbate Obesity and Glycemic Dysregulation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2333.	1.8	22
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75	Effects of Liraglutide and Fenretinide treatments on the diabetic phenotype of neuronal human BACE1 knock-in mice. <i>Biochemical Pharmacology</i> , 2019, 166, 222-230.	2.0	6
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84	Resistance Exercise Improves Mitochondrial Quality Control in a Rat Model of Sporadic Inclusion Body Myositis. <i>Gerontology</i> , 2019, 65, 240-252.	1.4	16
85	Neuroendocrine-Metabolic Dysfunction and Sleep Disturbances in Neurodegenerative Disorders: Focus on Alzheimer's Disease and Melatonin. <i>Neuroendocrinology</i> , 2019, 108, 354-364.	1.2	37
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108	Implications of NAD metabolism in pathophysiology and therapeutics for neurodegenerative diseases. <i>Nutritional Neuroscience</i> , 2021, 24, 371-383.	1.5	42
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110	The Complexity of Secondary Cascade Consequent to Traumatic Brain Injury: Pathobiology and Potential Treatments. <i>Current Neuropharmacology</i> , 2021, 19, 1984-2011.	1.4	12
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119	Energy homeostasis deregulation is attenuated by TUDCA treatment in streptozotocin-induced Alzheimer's disease mice model. <i>Scientific Reports</i> , 2021, 11, 18114.	1.6	2
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126	White Paper meeting summary and catalyst for future inquiry: Complex mechanisms linking neurocognitive dysfunction to insulin resistance and other metabolic dysfunction. <i>F1000Research</i> , 2016, 5, 353.	0.8	69
127	Obesity and Hepatic Steatosis Are Associated with Elevated Serum Amyloid Beta in Metabolically Stressed APP <sup>swe</sup> /PS1 <sup>dE9</sup> Mice. <i>PLoS ONE</i> , 2015, 10, e0134531.	1.1	18



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129	Alzheimer's disease as a systems network disorder: chronic stress/dyshomeostasis, innate immunity, and genetics. <i>Aging</i> , 2020, 12, 17815-17844.	1.4	9
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148	Effects of Soy-Based Infant Formula on Weight Gain and Neurodevelopment in an Autism Mouse Model. <i>Cells</i> , 2022, 11, 1350.	1.8	6
153	Improvement of cognitive deficit of curcumin on scopolamine-induced Alzheimer's disease models.. <i>Caspian Journal of Internal Medicine</i> , 2022, 13, 16-22.	0.1	0
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158	Differential regulation of insulin signalling by monomeric and oligomeric amyloid beta-peptide. <i>Brain Communications</i> , 2022, 4, .	1.5	6
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162	Type 2 Diabetes Mellitus and Alzheimer's Disease: Shared Molecular Mechanisms and Potential Common Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15287.	1.8	26
163	Melatonin Can Modulate Neurodegenerative Diseases by Regulating Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2381.	1.8	8
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