

Alzheimer's disease results from the cerebral accumulation of  $\beta$ -protein

Journal of Alzheimer's Disease

3, 75-80

DOI: 10.3233/jad-2001-3111

Citation Report

#	ARTICLE	IF	CITATIONS
1	A $\beta$ (1-42) and aluminum induce stress in the endoplasmic reticulum in rabbit hippocampus, involving nuclear translocation of gadd 153 and NF- $\kappa$ B. <i>Molecular Brain Research</i> , 2001, 96, 30-38.	2.5	69
2	Inhibition of BACE, a Promising Approach to Alzheimers Disease Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2002, 2, 359-370.	1.0	60
3	Amyloid- $\beta$ : a (life) preserver for the brain. <i>Neurobiology of Aging</i> , 2002, 23, 1097-1099.	1.5	45
4	Amyloid- $\beta$ and I $\beta$ serve antioxidant functions in the aging and Alzheimer brain. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1194-1199.	1.3	194
5	Dangers of the amyloid- $\beta$ vaccination. <i>Acta Neuropathologica</i> , 2002, 104, 110-110.	3.9	4
6	In vitro fibrillogenesis of the amyloid $\beta$ 1-42 peptide: cholesterol potentiation and aspirin inhibition. <i>Micron</i> , 2002, 33, 609-626.	1.1	61
7	A metabolic basis for Alzheimer disease. <i>Neurochemical Research</i> , 2003, 28, 1549-1552.	1.6	51
8	Proteomics in Alzheimer's disease: insights into potential mechanisms of neurodegeneration. <i>Journal of Neurochemistry</i> , 2003, 86, 1313-1327.	2.1	171
9	Alzheimer disease and other dementias. <i>Clinics in Geriatric Medicine</i> , 2003, 19, 763-776.	1.0	14
10	Cholesterol. <i>Journal of Lipid Research</i> , 2003, 44, 1423-1430.	2.0	68
11	Lack of Association between the Levels of the Low-Density Lipoprotein Receptor-Related Protein (LRP) and Either Alzheimer Dementia or LRP Exon 3 Genotype. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 999-1005.	0.9	18
12	Assessment of the Bioactivity of Antibodies against $\beta$ -Amyloid Peptide in vitro and in vivo. <i>Neurodegenerative Diseases</i> , 2004, 1, 160-167.	0.8	11
13	CA1 Hippocampal Neuronal Loss in Familial Alzheimer's Disease Presenilin-1 E280A Mutation Is Related to Epilepsy. <i>Epilepsia</i> , 2004, 45, 751-756.	2.6	65
14	Inhibition of amyloid fibrillogenesis and toxicity by a peptide chaperone. <i>Molecular and Cellular Biochemistry</i> , 2004, 267, 147-155.	1.4	72
15	Proteomics Analysis in Alzheimer's Disease: New Insights into Mechanisms of Neurodegeneration. <i>International Review of Neurobiology</i> , 2004, 61, 159-188.	0.9	21
16	Induction of neuronal death by ER stress in Alzheimer's disease. <i>Journal of Chemical Neuroanatomy</i> , 2004, 28, 67-78.	1.0	262
17	Rodent A $\beta$ (1-42) exhibits oxidative stress properties similar to those of human A $\beta$ (1-42): Implications for proposed mechanisms of toxicity. <i>Journal of Alzheimer's Disease</i> , 2004, 6, 515-525.	1.2	80
18	The critical role of methionine 35 in Alzheimer's amyloid $\beta$ -peptide (1-42)-induced oxidative stress and neurotoxicity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1703, 149-156.	1.1	228

#	ARTICLE	IF	CITATIONS
19	Amyloid $\beta$ induces neuronal cell death through ROS-mediated ASK1 activation. <i>Cell Death and Differentiation</i> , 2005, 12, 19-24.	5.0	369
20	Working memory impairment in a transgenic amyloid precursor protein TgCRND8 mouse model of Alzheimer's disease. <i>Genes, Brain and Behavior</i> , 2005, 4, 197-208.	1.1	44
21	Amyloid- $\beta$ in Alzheimer's disease: the horse or the cart? Pathogenic or protective?. <i>International Journal of Experimental Pathology</i> , 2005, 86, 133-138.	0.6	54
22	Proteomic identification of proteins oxidized by $A\beta(1-42)$ in synaptosomes: Implications for Alzheimer's disease. <i>Brain Research</i> , 2005, 1044, 206-215.	1.1	137
23	Oxidation-induced ferritin turnover in microglial cells: role of proteasome. <i>Free Radical Biology and Medicine</i> , 2005, 38, 276-285.	1.3	77
24	$\gamma$ -Glutamylcysteine ethyl ester protection of proteins from $A\beta(1-42)$ -mediated oxidative stress in neuronal cell culture: A proteomics approach. <i>Journal of Neuroscience Research</i> , 2005, 79, 707-713.	1.3	46
25	$\gamma$ -glutamylcysteine ethyl ester-induced up-regulation of glutathione protects neurons against $A\beta(1-42)$ -mediated oxidative stress and neurotoxicity: Implications for Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2005, 79, 700-706.	1.3	62
26	Low concentrations of aggregated $\beta$ -amyloid induce neurite formation via the neurotrophin receptor p75. <i>Journal of Molecular Medicine</i> , 2005, 83, 720-735.	1.7	36
27	Retinoic acid isomers protect hippocampal neurons from amyloid- $\beta$ induced neurodegeneration. <i>Neurotoxicity Research</i> , 2005, 7, 243-250.	1.3	39
28	APOE2 and Consanguinity: A risky combination for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2005, 8, 293-297.	1.2	14
29	Altered APP Processing in PDAPP (Val717 $\rightarrow$ Phe) Transgenic Mice Yields Extended-Length $A\beta$ Peptides. <i>Biochemistry</i> , 2005, 44, 13807-13819.	1.2	28
30	Neurotoxicity and oxidative stress in D1M-substituted Alzheimer's $A\beta(1-42)$ : relevance to N-terminal methionine chemistry in small model peptides. <i>Peptides</i> , 2005, 26, 665-673.	1.2	16
31	Sequence variants of IDE are associated with the extent of $\beta$ -amyloid deposition in the Alzheimer's disease brain. <i>Neurobiology of Aging</i> , 2005, 26, 795-802.	1.5	47
32	Proteomic identification of proteins specifically oxidized by intracerebral injection of amyloid $\beta$ -peptide ( $1-42$ ) into rat brain: Implications for Alzheimer's disease. <i>Neuroscience</i> , 2005, 132, 313-324.	1.1	160
33	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside (AICAR) attenuates the expression of LPS- and Abeta peptide-induced inflammatory mediators in astroglia. <i>Journal of Neuroinflammation</i> , 2005, 2, 21.	3.1	39
34	Antioxidant protection and neurodegenerative disease: The role of amyloid- $\beta$ and tau. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2006, 21, 126-130.	0.9	61
35	High cholesterol content in neurons increases BACE, $\beta$ -amyloid, and phosphorylated tau levels in rabbit hippocampus. <i>Experimental Neurology</i> , 2006, 200, 460-467.	2.0	144
36	Over-expression of two different forms of the $\beta$ -secretase ADAM10 affects learning and memory in mice. <i>Behavioural Brain Research</i> , 2006, 175, 278-284.	1.2	43

#	ARTICLE	IF	CITATIONS
37	Lower levels of cerebrospinal fluid amyloid A $\beta$ (A $\beta$ ) in non-demented Indian controls. <i>Neuroscience Letters</i> , 2006, 407, 121-123.	1.0	6
38	Mitochondrial alterations in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 119-126.	1.2	283
39	Amyloid $\beta$ -Peptide(1-42) Contributes to the Oxidative Stress and Neurodegeneration Found in Alzheimer Disease Brain. <i>Brain Pathology</i> , 2004, 14, 426-432.	2.1	218
40	Mutations in amyloid precursor protein and presenilin-1 genes increase the basal oxidative stress in murine neuronal cells and lead to increased sensitivity to oxidative stress mediated by amyloid $\beta$ -peptide (1-42), H <sub>2</sub> O <sub>2</sub> and kainic acid: implications for A. <i>Journal of Neurochemistry</i> , 2006, 96, 1322-1335.	2.1	109
41	KTX 0101: A Potential Metabolic Approach to Cytoprotection in Major Surgery and Neurological Disorders. <i>CNS Neuroscience &amp; Therapeutics</i> , 2005, 11, 113-140.	4.0	29
42	Neuronal nicotinic acetylcholine receptors serve as sensitive targets that mediate $\beta$ -amyloid neurotoxicity. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1277-1286.	2.8	20
43	Redox proteomics in some age-related neurodegenerative disorders or models thereof. <i>NeuroRx</i> , 2006, 3, 344-357.	6.0	36
44	Low molecular weight thiol amides attenuate MAPK activity and protect primary neurons from A $\beta$ (1-42) toxicity. <i>Brain Research</i> , 2006, 1069, 198-206.	1.1	41
45	Apoptosis in Alzheimer Disease: A Mathematical Improbability. <i>Current Alzheimer Research</i> , 2006, 3, 393-396.	0.7	90
46	Reduction of A $\beta$ Levels in the Sprague Dawley Rat After Oral Administration of the Functional g-Secretase Inhibitor, DAPT: A Novel Non-Transgenic Model for A $\beta$ Production Inhibitors. <i>Current Pharmaceutical Design</i> , 2006, 12, 671-676.	0.9	39
47	Bim Is Elevated in Alzheimer's Disease Neurons and Is Required for $\beta$ -Amyloid-Induced Neuronal Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 893-900.	1.7	99
48	Dendritic and spinal pathology in the acoustic cortex in Alzheimer's disease: morphological and morphometric estimation by Golgi technique and electron microscopy. <i>Acta Oto-Laryngologica</i> , 2007, 127, 351-354.	0.3	47
49	Internalization of $\beta$ -Amyloid Peptide by Primary Neurons in the Absence of Apolipoprotein E. <i>Journal of Biological Chemistry</i> , 2007, 282, 35722-35732.	1.6	112
50	Immunotherapeutic Approaches to Alzheimer's Disease. , 2007, , 245-258.		0
51	Oxidative Stress and Neuroinflammation in Alzheimer's Disease and Amyotrophic Lateral Sclerosis: From Biology to Therapeutic Strategies. , 2007, , 297-311.		1
52	Pediatric Respiratory and Systemic Effects of Chronic Air Pollution Exposure: Nose, Lung, Heart, and Brain Pathology. <i>Toxicologic Pathology</i> , 2007, 35, 154-162.	0.9	140
53	Proteomics Analysis of the Alzheimer's Disease Hippocampal Proteome. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 153-164.	1.2	222
54	Oxidative Stress and Transcriptional Regulation in Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2007, 21, 276-291.	0.6	136

#	ARTICLE	IF	CITATIONS
56	Amyloid Î²-Peptide(1-42), Oxidative Stress, and Alzheimerâ€™s Disease. , 2007, , 83-92.		2
57	Brain mitochondrial dysfunction as a link between Alzheimer's disease and diabetes. <i>Journal of the Neurological Sciences</i> , 2007, 257, 206-214.	0.3	154
58	Purification of recombinantly expressed and cytotoxic human amyloid-beta peptide 1â€“42. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 856, 229-233.	1.2	13
59	HMGA1a: sequence-specific RNA-binding factor causing sporadic Alzheimer's disease-linked exon skipping of presenilin-2 pre-mRNA. <i>Genes To Cells</i> , 2007, 12, 1179-1191.	0.5	35
60	Abnormal processing of tau in the brain of aged TgCRND8 mice. <i>Neurobiology of Disease</i> , 2007, 27, 328-338.	2.1	61
61	Indices of Metabolic Dysfunction and Oxidative Stress. <i>Neurochemical Research</i> , 2007, 32, 717-722.	1.6	23
62	Plaques, Tangles, and Memory Loss in Mouse Models of Neurodegeneration. <i>Behavior Genetics</i> , 2007, 37, 79-100.	1.4	130
63	Development of a Smart Nano-vehicle to Target Cerebrovascular Amyloid Deposits and Brain Parenchymal Plaques Observed in Alzheimerâ€™s Disease and Cerebral Amyloid Angiopathy. <i>Pharmaceutical Research</i> , 2008, 25, 2674-2684.	1.7	88
64	Amyloid and tau imaging, neuronal losses and function in mild cognitive impairment. <i>Journal of Nutrition, Health and Aging</i> , 2008, 12, S61-S65.	1.5	29
65	Botanical Phenolics and Brain Health. <i>NeuroMolecular Medicine</i> , 2008, 10, 259-274.	1.8	189
66	Modulation of celecoxib- and streptozotocin-induced experimental dementia of Alzheimer's disease by pitavastatin and donepezil. <i>Journal of Psychopharmacology</i> , 2008, 22, 162-171.	2.0	72
67	Cytokines and Chemokines. , 2008, , 183-205.		1
68	Evoking plasmin for Î²-amyloid clearance. <i>Cell Research</i> , 2008, 18, 803-804.	5.7	10
69	Antibodyâ€“based approaches in Alzheimerâ€™s research: safety, pharmacokinetics, metabolism, and analytical tools. <i>Journal of Neurochemistry</i> , 2008, 104, 859-874.	2.1	62
70	Metabolic syndrome and the role of dietary lifestyles in Alzheimerâ€™s disease. <i>Journal of Neurochemistry</i> , 2008, 106, 1503-1514.	2.1	141
71	Estradiol and neurodegenerative oxidative stress. <i>Frontiers in Neuroendocrinology</i> , 2008, 29, 463-475.	2.5	72
72	Exploitation of HIV protease inhibitor Indinavir as a memory restorative agent in experimental dementia. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 89, 535-545.	1.3	38
73	Neurogenic responses to amyloid-beta plaques in the brain of Alzheimerâ€™s disease-like transgenic (pPDGF-APP <sup>Sw,Ind</sup> ) mice. <i>Neurobiology of Disease</i> , 2008, 29, 71-80.	2.1	73

#	ARTICLE	IF	CITATIONS
74	Enhanced activity of hippocampal BACE1 in a mouse model of postmenopausal memory deficits. <i>Neuroscience Letters</i> , 2008, 433, 141-145.	1.0	11
75	Involvement of formyl-peptide-receptor-like-1 and phospholipase D in the internalization and signal transduction of amyloid beta 1-42 in glial cells. <i>Neuroscience</i> , 2008, 156, 266-276.	1.1	47
76	Neurotoxicity of Manufactured Nanoparticles. , 0, , 405-428.		0
77	Retinoic Acid Attenuates $\beta$ -Amyloid Deposition and Rescues Memory Deficits in an Alzheimer's Disease Transgenic Mouse Model. <i>Journal of Neuroscience</i> , 2008, 28, 11622-11634.	1.7	236
78	Grape-Derived Polyphenolics Prevent A $\beta$ Oligomerization and Attenuate Cognitive Deterioration in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 6388-6392.	1.7	339
80	Cholinesterase Inhibitors and Beyond. <i>Current Alzheimer Research</i> , 2009, 6, 86-96.	0.7	181
81	Examination of potential mechanisms of amyloid-induced defects in neuronal transport. <i>Neurobiology of Disease</i> , 2009, 36, 11-25.	2.1	40
82	Neuronal death in Alzheimer's disease and therapeutic opportunities. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4329-4348.	1.6	97
83	Raft aggregation with specific receptor recruitment is required for microglial phagocytosis of A $\beta$ <sub>42</sub> . <i>Glia</i> , 2009, 57, 320-335.	2.5	22
84	Different protection of K252a and N-acetylcysteine against amyloid $\beta$ peptide-induced cortical neuron apoptosis involving inhibition of MLK3/MKK7/JNK3 signal cascades. <i>Journal of Neuroscience Research</i> , 2009, 87, 918-927.	1.3	35
85	The dorsal raphe nucleus shows phospho $\tau$ neurofibrillary changes before the transentorhinal region in Alzheimer's disease. A precocious onset?. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 406-416.	1.8	186
86	The up-regulation of BACE1 mediated by hypoxia and ischemic injury: role of oxidative stress and HIF1 $\alpha$ . <i>Journal of Neurochemistry</i> , 2009, 108, 1045-1056.	2.1	217
87	Brain-derived neurotrophic factor in neurodegenerative diseases. <i>Nature Reviews Neurology</i> , 2009, 5, 311-322.	4.9	803
88	Expression, purification, and characterization of recombinant human $\beta$ -amyloid <sub>42</sub> peptide in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2009, 64, 55-62.	0.6	25
89	Direct in Vivo Intracellular Selection of Conformation-sensitive Antibody Domains Targeting Alzheimer's Amyloid $\beta$ Oligomers. <i>Journal of Molecular Biology</i> , 2009, 387, 584-606.	2.0	59
90	Synaptic alterations in the medial geniculate bodies and the inferior colliculi in Alzheimer's disease: a Golgi and electron microscope study. <i>Acta Oto-Laryngologica</i> , 2009, 129, 416-418.	0.3	35
91	Accumulated Amyloid $\beta$ Peptide and Hyperphosphorylated Tau Protein: Relationship and Links in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 15-27.	1.2	240
92	Protein phosphatase 5 protects neurons against amyloid $\beta$ toxicity. <i>Journal of Neurochemistry</i> , 2009, 111, 391-402.	2.1	31

#	ARTICLE	IF	CITATIONS
93	Hyperhomocysteinemia Increases $\beta$ -Amyloid by Enhancing Expression of $\beta$ -Secretase and Phosphorylation of Amyloid Precursor Protein in Rat Brain. <i>American Journal of Pathology</i> , 2009, 174, 1481-1491.	1.9	137
94	Time for a Change in the Research Paradigm for Alzheimer's Disease: The Value of a Chaotic Matrix Modeling Approach. <i>CNS Neuroscience and Therapeutics</i> , 2010, 16, 254-262.	1.9	9
95	Identification of Antihypertensive Drugs Which Inhibit Amyloid- $\beta$ Protein Oligomerization. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 49-57.	1.2	67
96	Implication of Complement System and its Regulators in Alzheimers Disease. <i>Current Neuropharmacology</i> , 2009, 7, 1-8.	1.4	67
97	Biogenesis and regulation of microRNA: implication in Alzheimer's disease. <i>Future Neurology</i> , 2010, 5, 839-850.	0.9	2
98	Ginsenoside Rg3 promotes beta-amyloid peptide degradation by enhancing gene expression of neprilysin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 375-380.	1.2	58
99	Antioxidant approaches for the treatment of Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 1201-1208.	1.4	103
100	Resveratrol as a Therapeutic Agent for Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2010, 41, 375-383.	1.9	283
101	Age-related loss of phospholipid asymmetry in APP /APP x PS-1 /PS-1 human double mutant knock-in mice: Relevance to Alzheimer disease. <i>Neurobiology of Disease</i> , 2010, 38, 104-115.	2.1	37
102	Lack of association between PCDH11X genetic variation and late-onset Alzheimer's disease in a Han Chinese population. <i>Brain Research</i> , 2010, 1357, 152-156.	1.1	9
103	Can size alone explain some of the differences in toxicity between $\beta$ -amyloid oligomers and fibrils?. <i>Biotechnology and Bioengineering</i> , 2010, 106, 333-337.	1.7	13
104	Lipid-based nanoparticles with high binding affinity for amyloid- $\beta$ 1-42 peptide. <i>Biomaterials</i> , 2010, 31, 6519-6529.	5.7	190
105	Real-time observation of model membrane dynamics induced by Alzheimer's amyloid beta. <i>Biophysical Chemistry</i> , 2010, 147, 81-86.	1.5	46
106	Structurally distinct toxicity inhibitors bind at common loci on $\beta$ -amyloid fibril. <i>Protein Science</i> , 2010, 19, 2291-2304.	3.1	23
107	Hypoxia-inducible factor 1: a new hope to counteract neurodegeneration?. <i>Journal of Neurochemistry</i> , 2010, 112, 1-12.	2.1	116
108	Increased Dickkopf-1 expression in transgenic mouse models of neurodegenerative disease. <i>Journal of Neurochemistry</i> , 2010, 112, 1539-1551.	2.1	146
109	Functional and physical interactions between formylpeptide receptors and scavenger receptor MARCO and their involvement in amyloid beta 1-42 induced signal transduction in glial cells. <i>Journal of Neurochemistry</i> , 2010, 113, 749-760.	2.1	65
110	Adult-onset Hypothyroidism Induces the Amyloidogenic Pathway of Amyloid Precursor Protein Processing in the Rat Hippocampus. <i>Journal of Neuroendocrinology</i> , 2010, 22, 951-959.	1.2	26

#	ARTICLE	IF	CITATIONS
111	Mitochondrial preconditioning: a potential neuroprotective strategy. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, .	1.7	29
112	A New Hypothesis of Pathogenesis Based on the Divorce between Mitochondria and their Host Cells: Possible Relevance for Alzheimers Disease. <i>Current Alzheimer Research</i> , 2010, 7, 307-322.	0.7	32
113	Biomarkers in Alzheimerâ€™s disease: past, present and future. <i>Biomarkers in Medicine</i> , 2010, 4, 15-26.	0.6	57
114	ABC transporters and cytochromes P450 in the human central nervous system: influence on brain pharmacokinetics and contribution to neurodegenerative disorders. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 1161-1174.	1.5	55
115	Neuronutrition and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1123-1139.	1.2	90
116	Neuroprotective effects of salidroside against beta-amyloid-induced oxidative stress in SH-SY5Y human neuroblastoma cells. <i>Neurochemistry International</i> , 2010, 57, 547-555.	1.9	186
117	Anti-amyloidogenic property of leaf aqueous extract of <i>Caesalpinia crista</i> . <i>Neuroscience Letters</i> , 2010, 475, 110-114.	1.0	36
118	Amyloid- $\beta^2$ production in aged guinea pigs: atropine-induced enhancement is reversed by naloxone. <i>Neuroscience Letters</i> , 2010, 480, 83-86.	1.0	8
119	Mouse models in neurological disorders: Applications of non-invasive imaging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 819-839.	1.8	42
120	Plaque and tangle imaging and cognition in normal aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1669-1678.	1.5	95
121	l-theanine protects the APP (Swedish mutation) transgenic SH-SY5Y cell against glutamate-induced excitotoxicity via inhibition of the NMDA receptor pathway. <i>Neuroscience</i> , 2010, 168, 778-786.	1.1	61
122	Agmatine protects against $\beta^2$ -amyloid <sub>25-35</sub> -induced memory impairments in the rat. <i>Neuroscience</i> , 2010, 169, 794-811.	1.1	45
123	Memantine Improves Cognition and Reduces Alzheimerâ€™s-Like Neuropathology in Transgenic Mice. <i>American Journal of Pathology</i> , 2010, 176, 870-880.	1.9	188
124	Rosiglitazone Rescues Memory Impairment in Alzheimer's Transgenic Mice: Mechanisms Involving a Reduced Amyloid and Tau Pathology. <i>Neuropsychopharmacology</i> , 2010, 35, 1593-1604.	2.8	200
125	Alzheimer's Amyloid beta: Lipid membrane interactions, detected in real-time. , 2010, , .		1
126	Neuronal Differentiation of Human Mesenchymal Stromal Cells Increases their Resistance to $A\beta^{242}$ Aggregate Toxicity. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 651-664.	1.2	9
127	Acetyl-<sc>l</sc>-Carnitine Attenuates Homocysteine-Induced Alzheimer-Like Histopathological and Behavioral Abnormalities. <i>Rejuvenation Research</i> , 2011, 14, 669-679.	0.9	39
129	<i>Clinical Neuroimmunology</i> . , 2011, , .		0



#	ARTICLE	IF	CITATIONS
130	Insulin-resistant brain state: The culprit in sporadic Alzheimer's disease?. Ageing Research Reviews, 2011, 10, 264-273.	5.0	195
131	Pre-aggregated A $\beta$ <sup>25-35</sup> alters arginine metabolism in the rat hippocampus and prefrontal cortex. Neuroscience, 2011, 193, 269-282.	1.1	37
132	Mitochondria Are Related to Synaptic Pathology in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-7.	1.1	43
133	Alzheimer's Disease and Anesthesia. Frontiers in Neuroscience, 2011, 4, 272.	1.4	56
134	Non-viral Gene Delivery and Therapeutics Targeting to Brain. Current Nanoscience, 2011, 7, 55-70.	0.7	7
135	Gene Knockout of tau Expression Does Not Contribute to the Pathogenesis of Prion Disease. Journal of Neuropathology and Experimental Neurology, 2011, 70, 1036-1045.	0.9	13
136	Higher Cathepsin B Levels in Plasma in Alzheimer's Disease Compared to Healthy Controls. Journal of Alzheimer's Disease, 2011, 22, 1223-1230.	1.2	68
137	Effect of pioglitazone on altered expression of A $\beta$ <sup>2</sup> metabolism-associated molecules in the brain of fructose-drinking rats, a rodent model of insulin resistance. European Journal of Pharmacology, 2011, 664, 14-19.	1.7	37
138	Neuroprotective effects of overexpressed cyclophilin B against A $\beta$ <sup>2</sup> -induced neurotoxicity in PC12 cells. Free Radical Biology and Medicine, 2011, 51, 905-920.	1.3	22
139	NEDD9 is genetically associated with Alzheimer's disease in a Han Chinese population. Brain Research, 2011, 1369, 230-234.	1.1	11
140	Physiologically based pharmacokinetic modeling of SNU-0039, an anti-Alzheimer's agent, in rats. Journal of Pharmacokinetics and Pharmacodynamics, 2011, 38, 637-651.	0.8	5
141	Activation of Liver X Receptor Decreases BACE1 Expression and Activity by Reducing Membrane Cholesterol Levels. Neurochemical Research, 2011, 36, 1910-1921.	1.6	25
142	The $\beta$ -Secretase Modulator CHF5074 Reduces the Accumulation of Native Hyperphosphorylated Tau in a Transgenic Mouse Model of Alzheimer's Disease. Journal of Molecular Neuroscience, 2011, 45, 22-31.	1.1	25
143	Kinetic characterization of amyloid-beta 1-42 aggregation with a multimethodological approach. Analytical Biochemistry, 2011, 414, 215-225.	1.1	103
144	The binding affinity of anti-A $\beta$ <sup>1-42</sup> Ab-decorated nanoliposomes to A $\beta$ <sup>1-42</sup> peptides in vitro and to amyloid deposits in post-mortem tissue. Biomaterials, 2011, 32, 5489-5497.	5.7	76
145	Hypoxia Inducible Factor-1 as a Target for Neurodegenerative Diseases. Current Medicinal Chemistry, 2011, 18, 4335-4343.	1.2	144
146	Three Postulates to Help Identify the Cause of Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 657-668.	1.2	31
147	Role of Sirtuins and Calorie Restriction in Neuroprotection: Implications in Alzheimers and Parkinsons Diseases. Current Pharmaceutical Design, 2011, 17, 3418-3433.	0.9	62

#	ARTICLE	IF	CITATIONS
148	The Cholinergic Antagonist Gymnodimine Improves A $\beta$ and Tau Neuropathology in an <i>in Vitro</i> Model of Alzheimer Disease. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 783-794.	1.1	45
149	Nutritional Approaches to Modulate Oxidative Stress in Alzheimers Disease. <i>Current Alzheimer Research</i> , 2011, 8, 452-469.	0.7	116
150	The role of induced pluripotent stem cells in regenerative medicine: neurodegenerative diseases. <i>Stem Cell Research and Therapy</i> , 2011, 2, 32.	2.4	25
151	Neurodegenerative processes in Alzheimer's disease: an overview of pathogenesis with strategic biomarker potential. <i>Future Neurology</i> , 2011, 6, 173-185.	0.9	0
152	Dendritic and spinal pathology in the acoustic cortex in Alzheimer's disease: Morphological estimation in Golgi technique and electron microscopy. <i>Acta Oto-Laryngologica</i> , 2011, 131, 610-612.	0.3	19
153	<i>Drosophila</i> Amyloid Precursor Protein-Like Is Required for Long-Term Memory. <i>Journal of Neuroscience</i> , 2011, 31, 1032-1037.	1.7	38
154	The Components of <i>Flemingia macrophylla</i> Attenuate Amyloid $\beta$ -Protein Accumulation by Regulating Amyloid $\beta$ -Protein Metabolic Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	4
155	N-Methyl D-Aspartate (NMDA) Receptor Antagonists and Memantine Treatment for Alzheimer's Disease, Vascular Dementia and Parkinson's Disease. <i>Current Alzheimer Research</i> , 2012, 9, 746-758.	0.7	277
156	Chronic Administration of an Aglycosylated Murine Antibody of Ponezumab Does Not Worsen Microhemorrhages in Aged Tg2576 Mice. <i>Current Alzheimer Research</i> , 2012, 9, 1059-1068.	0.7	18
157	Apolipoprotein E3 (ApoE3) but Not ApoE4 Protects against Synaptic Loss through Increased Expression of Protein Kinase C $\mu$ . <i>Journal of Biological Chemistry</i> , 2012, 287, 15947-15958.	1.6	58
158	Phosphorylation of Amyloid- $\beta$ Peptide at Serine 8 Attenuates Its Clearance via Insulin-degrading and Angiotensin-converting Enzymes. <i>Journal of Biological Chemistry</i> , 2012, 287, 8641-8651.	1.6	64
159	A Focus on Glucose-Mediated Drug Delivery to the Central Nervous System. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 301-312.	1.1	9
160	Spatiotemporal Complexity of Fibroblast Networks Screens for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 165-176.	1.2	6
161	Deregulated Cdk5 Activity Is Involved in Inducing Alzheimer's Disease. <i>Archives of Medical Research</i> , 2012, 43, 655-662.	1.5	139
162	Morphological and functional abnormalities in neuromuscular junctions of <i>Drosophila melanogaster</i> induced by human APP gene expression. <i>Cell and Tissue Biology</i> , 2012, 6, 326-334.	0.2	1
163	The impairment of insulin signaling in Alzheimer's disease. <i>IUBMB Life</i> , 2012, 64, 951-957.	1.5	56
164	Understanding Risk Factors for Alzheimer's Disease: Interplay of Neuroinflammation, Connexin-based Communication and Oxidative Stress. <i>Archives of Medical Research</i> , 2012, 43, 632-644.	1.5	62
165	Cerebrospinal fluid markers for Alzheimer's disease in a cognitively healthy cohort of young and old adults. <i>Alzheimer's and Dementia</i> , 2012, 8, 520-527.	0.4	32

#	ARTICLE	IF	CITATIONS
166	Relationships between the amyloid precursor protein and its various proteolytic fragments and neuronal systems. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 10.	3.0	26
167	The Metalloprotease Meprin $\hat{I}^2$ Generates Amino Terminal-truncated Amyloid $\hat{I}^2$ Peptide Species. <i>Journal of Biological Chemistry</i> , 2012, 287, 33304-33313.	1.6	125
168	$A\hat{I}^2$ plaque-associated glial reaction as a determinant of apoptotic neuronal death and cortical gliogenesis: A study in APP mutant mice. <i>Neuroscience Letters</i> , 2012, 506, 94-99.	1.0	17
169	Chronic peripheral hyperinsulinemia has no substantial influence on tau phosphorylation in vivo. <i>Neuroscience Letters</i> , 2012, 516, 306-310.	1.0	21
170	Elevation of glutathione as a therapeutic strategy in Alzheimer disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 625-630.	1.8	267
171	Chronic treatment with rivastigmine in patients with Alzheimer's disease: A study on primary motor cortex excitability tested by 5Hz-repetitive transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2012, 123, 902-909.	0.7	21
172	Disclosure of a fundamental clue for the elucidation of the myricetin mechanism of action as amyloid aggregation inhibitor by mass spectrometry. <i>Electrophoresis</i> , 2012, 33, 3380-3386.	1.3	17
173	Involvement of formyl peptide receptors in receptor for advanced glycation end products (RAGE) - and amyloid beta 1-42-induced signal transduction in glial cells. <i>Molecular Neurodegeneration</i> , 2012, 7, 55.	4.4	74
175	The isotropic fractionator provides evidence for differential loss of hippocampal neurons in two mouse models of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 58.	4.4	28
176	Immunohistochemical study of semicarbazide-sensitive amine oxidase/vascular adhesion protein-1 in the hippocampal vasculature: Pathological synergy of Alzheimer's disease and diabetes mellitus. <i>Journal of Neuroscience Research</i> , 2012, 90, 1989-1996.	1.3	19
177	Novel APP/ $A\hat{I}^2$ mutation K16N produces highly toxic heteromeric $A\hat{I}^2$ oligomers. <i>EMBO Molecular Medicine</i> , 2012, 4, 647-659.	3.3	68
178	Mitochondrial Importance in Alzheimer's, Huntington's and Parkinson's Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2012, 724, 205-221.	0.8	57
179	Immune profiling of Alzheimer patients. <i>Journal of Neuroimmunology</i> , 2012, 242, 52-59.	1.1	126
180	Synergistic effects of amyloid peptides and lead on human neuroblastoma cells. <i>Cellular and Molecular Biology Letters</i> , 2012, 17, 408-21.	2.7	17
181	Nonhuman Amyloid Oligomer Epitope Reduces Alzheimer's-Like Neuropathology in 3xTg-AD Transgenic Mice. <i>Molecular Neurobiology</i> , 2013, 48, 931-940.	1.9	11
182	Neuregulin1beta1 Antagonizes Apoptosis Via ErbB4-Dependent Activation of PI3-Kinase/Akt in APP/PS1 Transgenic Mice. <i>Neurochemical Research</i> , 2013, 38, 2237-2246.	1.6	27
183	Reciprocal interactions between sleep, circadian rhythms and Alzheimer's disease: Focus on the role of hypocretin and melatonin. <i>Ageing Research Reviews</i> , 2013, 12, 188-200.	5.0	95
184	Thymoquinone Prevents $\hat{I}^2$ -Amyloid Neurotoxicity in Primary Cultured Cerebellar Granule Neurons. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 1159-1169.	1.7	47

#	ARTICLE	IF	CITATIONS
185	The Senescence Hypothesis of Disease Progression in Alzheimer Disease: an Integrated Matrix of Disease Pathways for FAD and SAD. <i>Molecular Neurobiology</i> , 2013, 48, 556-570.	1.9	41
186	Further characterization of a putative serine protease contributing to the $\beta$ -secretase cleavage of $\beta$ -amyloid precursor protein. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1018-1029.	1.4	3
187	Membrane fusion and vesicular transformation induced by Alzheimer's amyloid beta. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1314-1321.	1.4	36
188	Cellular prion protein modulates $\beta$ -amyloid deposition in aged APP/PS1 transgenic mice. <i>Neurobiology of Aging</i> , 2013, 34, 2793-2804.	1.5	17
189	Exosomes as Intercellular Signaling Organelles Involved in Health and Disease: Basic Science and Clinical Applications. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5338-5366.	1.8	328
190	Chemokines and the hippocampus: A new perspective on hippocampal plasticity and vulnerability. <i>Brain, Behavior, and Immunity</i> , 2013, 30, 186-194.	2.0	94
191	Thymoquinone protects cultured rat primary neurons against amyloid $\beta$ -induced neurotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 362-367.	1.0	105
192	Wnt signaling: Role in LTP, neural networks and memory. <i>Ageing Research Reviews</i> , 2013, 12, 786-800.	5.0	76
193	Brain Activation of SIRT1: Role in Neuropathology. <i>Molecular Neurobiology</i> , 2013, 48, 681-689.	1.9	78
194	Peroxisome Proliferator-activated Receptors and Alzheimer's Disease: Hitting the Blood-Brain Barrier. <i>Molecular Neurobiology</i> , 2013, 48, 438-451.	1.9	36
195	Biological Activity of <i>sym</i> -Triazines with Acetylcholine-like Substitutions as Multitarget Modulators of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2013, 4, 924-929.	1.7	16
196	Green tea ( $\gamma$ -epigallocatechin-3-gallate reverses oxidative stress and reduces acetylcholinesterase activity in a streptozotocin-induced model of dementia. <i>Behavioural Brain Research</i> , 2013, 236, 186-193.	1.2	131
197	The metalloproteases meprin $\alpha$ and meprin $\beta$ : unique enzymes in inflammation, neurodegeneration, cancer and fibrosis. <i>Biochemical Journal</i> , 2013, 450, 253-264.	1.7	120
198	Pretreatment of SH-SY5Y cells with dicaffeoylquinic acids attenuates the reduced expression of nicotinic receptors, elevated level of oxidative stress and enhanced apoptosis caused by $\beta$ -amyloid peptide. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1736-1744.	1.2	22
199	Loss of deep cerebellar nuclei neurons in the 3xTg-AD mice and protection by an anti-amyloid $\beta$ antibody fragment. <i>MAbs</i> , 2013, 5, 660-664.	2.6	24
200	FoxO3a is activated and executes neuron death via Bim in response to $\beta$ -amyloid. <i>Cell Death and Disease</i> , 2013, 4, e625-e625.	2.7	115
201	Mass Spectrometry as an Efficient Tool for the Characterization of Amyloid $\beta$ Peptide 25-35 Self-Assembly Species in Aggregation and Inhibition Studies. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 483-490.	0.5	5
202	Calmodulin levels in blood cells as a potential biomarker of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 55.	3.0	21

#	ARTICLE	IF	CITATIONS
203	Microspheres for Targeting Delivery of Anticancer Drugs. , 2013, , 371-416.		0
204	Somatostatin and Cognitive Function in Neurodegenerative Disorders. Mini-Reviews in Medicinal Chemistry, 2013, 13, 34-46.	1.1	24
206	Efficacy of Cyclin Dependent Kinase 4 Inhibitors as Potent Neuroprotective Agents against Insults Relevant to Alzheimer's Disease. PLoS ONE, 2013, 8, e78842.	1.1	32
207	Wnts in adult brain: from synaptic plasticity to cognitive deficiencies. Frontiers in Cellular Neuroscience, 2013, 7, 224.	1.8	128
208	Alzheimer's Disease and Prion Protein. Intractable and Rare Diseases Research, 2013, 2, 35-44.	0.3	15
209	Alterations of Mitochondria and Golgi Apparatus Are Related to Synaptic Pathology in Alzheimer's Disease. , 0, , .		4
210	Mercury induced the Accumulation of Amyloid Beta (A $\beta$ ) in PC12 Cells: The Role of Production and Degradation of A $\beta$ . Toxicological Research, 2013, 29, 235-240.	1.1	30
211	Efavirenz Promotes $\beta$ -Secretase Expression and Increased A $\beta$ <sub>1-40,42</sub> via Oxidative Stress and Reduced Microglial Phagocytosis: Implications for HIV Associated Neurocognitive Disorders (HAND). PLoS ONE, 2014, 9, e95500.	1.1	57
212	Therapeutics with SPION-labeled stem cells for the main diseases related to brain aging: a systematic review. International Journal of Nanomedicine, 2014, 9, 3749.	3.3	11
213	Biomarkers of Alzheimer's Disease Risk in Peripheral Tissues; Focus on Buccal Cells. Current Alzheimer Research, 2014, 11, 519-531.	0.7	31
214	Neuroprotective effects of resveratrol in Alzheimer disease pathology. Frontiers in Aging Neuroscience, 2014, 6, 218.	1.7	180
215	Alzheimer's disease: relevant molecular and physiopathological events affecting amyloid- $\beta$ brain balance and the putative role of PPARs. Frontiers in Aging Neuroscience, 2014, 6, 176.	1.7	46
216	Insulin dysfunction and Tau pathology. Frontiers in Cellular Neuroscience, 2014, 8, 22.	1.8	95
217	Hemichannels in neurodegenerative diseases: is there a link to pathology?. Frontiers in Cellular Neuroscience, 2014, 8, 242.	1.8	27
218	Agmatine Improves Cognitive Dysfunction and Prevents Cell Death in a Streptozotocin-Induced Alzheimer Rat Model. Yonsei Medical Journal, 2014, 55, 689.	0.9	72
219	Enzyme Inhibitors Involved in the Treatment of Alzheimer's Disease. , 2014, , 142-198.		1
220	Epigenetics of Memory and Plasticity. Progress in Molecular Biology and Translational Science, 2014, 122, 305-340.	0.9	53
221	Simultaneous Changes of Spatial Memory and Spine Density after Intrahippocampal Administration of Fibrillar A $\beta$ <sub>1-42</sub> to the Rat Brain. BioMed Research International, 2014, 2014, 1-9.	0.9	17

#	ARTICLE	IF	CITATIONS
222	Effect of troxerutin on synaptic plasticity of hippocampal dentate gyrus neurons in a $\beta$ -amyloid model of Alzheimer's disease: An electrophysiological study. <i>European Journal of Pharmacology</i> , 2014, 732, 19-25.	1.7	44
223	Monomeric $A\beta_{42}$ and RAGE: key players in neuronal differentiation. <i>Neurobiology of Aging</i> , 2014, 35, 1301-1308.	1.5	28
224	Brain metabolite clearance: impact on Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2014, 29, 553-561.	1.4	10
225	Active and passive immunization strategies based on the SDPM1 peptide demonstrate pre-clinical efficacy in the APP <sup>swE</sup> PS1 <sup>DE9</sup> mouse model for Alzheimer's disease. <i>Neurobiology of Disease</i> , 2014, 62, 31-43.	2.1	5
226	The Ubiquitin-Proteasome System in Neurodegeneration. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2302-2321.	2.5	116
227	Apoptosis Signal Regulating Kinase 1 (ASK1): Potential as a Therapeutic Target for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2119-2129.	1.8	63
228	<i>In vivo</i> Activation of Wnt Signaling Pathway Enhances Cognitive Function of Adult Mice and Reverses Cognitive Deficits in an Alzheimer's Disease Model. <i>Journal of Neuroscience</i> , 2014, 34, 2191-2202.	1.7	125
229	Liposomes bi-functionalized with phosphatidic acid and an ApoE-derived peptide affect $A\beta$ aggregation features and cross the blood-brain-barrier: Implications for therapy of Alzheimer disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1583-1590.	1.7	121
230	Biochemical and immunological aspects of protein aggregation in neurodegenerative diseases. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1503-1512.	1.2	3
231	Genome-wide significant localization for working and spatial memory: Identifying genes for psychosis using models of cognition. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 84-95.	1.1	32
232	$\beta$ -Caryophyllene Ameliorates the Alzheimer-Like Phenotype in APP/PS1 Mice through CB2 Receptor Activation and the PPAR $\gamma$ Pathway. <i>Pharmacology</i> , 2014, 94, 1-12.	0.9	120
233	Fluorescent dye ProteoStat to detect and discriminate intracellular amyloid-like aggregates in <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2014, 9, 1259-1266.	1.8	46
234	Targeting the proper amyloid-beta neuronal toxins: a path forward for Alzheimer's disease immunotherapeutics. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 42.	3.0	140
235	Increased Susceptibility to Amyloid- $\beta$ -Induced Neurotoxicity in Mice Lacking the Low-Density Lipoprotein Receptor. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 43-60.	1.2	48
236	Endoplasmic reticulum stress promotes amyloid-beta peptides production in RGC-5 cells. <i>Cell Stress and Chaperones</i> , 2014, 19, 827-835.	1.2	17
237	Neuronal failure in Alzheimer's disease: a view through the oxidative stress looking-glass. <i>Neuroscience Bulletin</i> , 2014, 30, 243-252.	1.5	95
238	Dietary modulators of statin efficacy in cardiovascular disease and cognition. <i>Molecular Aspects of Medicine</i> , 2014, 38, 1-53.	2.7	13
239	Type-1 interferon signaling mediates neuro-inflammatory events in models of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 1012-1023.	1.5	120



#	ARTICLE	IF	CITATIONS
240	The $\beta$ -secretase complex: from structure to function. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 427.	1.8	123
241	PSEN1 and PSEN2 Gene Expression in Alzheimer's Disease Brain: A New Approach. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 757-760.	1.2	28
242	Pyroglutamate-Modified Amyloid- $\beta$ Protein Demonstrates Similar Properties in an Alzheimer's Disease Familial Mutant Knock-In Mouse and Alzheimer's Disease Brain. <i>Neurodegenerative Diseases</i> , 2014, 14, 53-66.	0.8	30
243	Metalloprotease meprin $\beta$ is activated by transmembrane serine protease matriptase-2 at the cell surface thereby enhancing APP shedding. <i>Biochemical Journal</i> , 2015, 470, 91-103.	1.7	39
244	Serum NGAL is Associated with Distinct Plasma Amyloid- $\beta$ Peptides According to the Clinical Diagnosis of Dementia in Down Syndrome. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 733-743.	1.2	17
245	Plasma SUMO1 Protein is Elevated in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 639-643.	1.2	10
246	Peripheral Amyloid Levels Present Gender Differences Associated with Aging in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 1063-1068.	1.2	34
248	Chatting with the neighbors: crosstalk between Rho-kinase (ROCK) and other signaling pathways for treatment of neurological disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 198.	1.4	52
249	Natural Products based P-glycoprotein Activators for Improved $\beta$ -amyloid Clearance in Alzheimer's Disease: An in silico Approach. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015, 16, 50-59.	0.5	9
250	The Protective Effects of <i>Nigella sativa</i> and Its Constituents on Induced Neurotoxicity. <i>Journal of Toxicology</i> , 2015, 2015, 1-7.	1.4	64
252	Aloe arborescens Extract Protects IMR-32 Cells against Alzheimer Amyloid Beta Peptide via Inhibition of Radical Peroxide Production. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.2	8
253	Soluble amyloid triggers a myeloid differentiation factor 88 and interferon regulatory factor 7 dependent neuronal type-1 interferon response in vitro. <i>Journal of Neuroinflammation</i> , 2015, 12, 71.	3.1	21
254	Allopregnanolone enhances the neurogenesis of midbrain dopaminergic neurons in APP <sup>swe</sup> /PSEN1 mice. <i>Neuroscience</i> , 2015, 290, 214-226.	1.1	19
255	A Food and Drug Administration-approved Asthma Therapeutic Agent Impacts Amyloid $\beta$ in the Brain in a Transgenic Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2015, 290, 1966-1978.	1.6	65
256	Induced pluripotent stem cell-derived neuronal cells from a sporadic Alzheimer's disease donor as a model for investigating AD-associated gene regulatory networks. <i>BMC Genomics</i> , 2015, 16, 84.	1.2	103
257	Uncovering Neurodegenerative Protein Modifications via Proteomic Profiling. <i>International Review of Neurobiology</i> , 2015, 121, 87-116.	0.9	28
258	Quantitative assessment of $\beta$ peptide in brain, cerebrospinal fluid and plasma following oral administration of $\beta$ -secretase inhibitor MRK-560 in rats. <i>International Journal of Neuroscience</i> , 2015, 125, 616-624.	0.8	2
259	A novel tacrine-dihydropyridine hybrid (-)-SCR1693 induces tau dephosphorylation and inhibits $\beta$ generation in cells. <i>European Journal of Pharmacology</i> , 2015, 754, 134-139.	1.7	14

#	ARTICLE	IF	CITATIONS
260	Link between type 2 diabetes and Alzheimer's disease: from epidemiology to mechanism and treatment. <i>Clinical Interventions in Aging</i> , 2015, 10, 549.	1.3	209
261	Staging of cognitive deficits and neuropathological and ultrastructural changes in streptozotocin-induced rat model of Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2015, 122, 577-592.	1.4	101
262	Amyloid- $\beta$ induced astrocytosis and astrocyte death: Implication of FoxO3a-Bim-caspase3 death signaling. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 203-211.	1.0	28
263	Intraneuronal $A\beta$ accumulation induces hippocampal neuron hyperexcitability through A-type K <sup>+</sup> current inhibition mediated by activation of caspases and GSK-3. <i>Neurobiology of Aging</i> , 2015, 36, 886-900.	1.5	78
264	WASP-1, a canonical Wnt signaling potentiator, rescues hippocampal synaptic impairments induced by $A\beta$ oligomers. <i>Experimental Neurology</i> , 2015, 264, 14-25.	2.0	29
265	Repeated intraperitoneal injections of liposomes containing phosphatidic acid and cardiolipin reduce amyloid- $\beta$ levels in APP/PS1 transgenic mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 421-430.	1.7	68
266	Astrocytes and microglia but not neurons preferentially generate N-terminally truncated $A\beta$ peptides. <i>Neurobiology of Disease</i> , 2015, 73, 24-35.	2.1	52
267	S100b Induces Expression of Myoglobin in $A\beta$ Treated Neuronal Cells In Vitro: A Possible Neuroprotective Mechanism. <i>Current Aging Science</i> , 2016, 9, 279-283.	0.4	8
268	Metformin Alleviated $A\beta$ -Induced Apoptosis via the Suppression of JNK MAPK Signaling Pathway in Cultured Hippocampal Neurons. <i>BioMed Research International</i> , 2016, 2016, 1-8.	0.9	26
269	Structure-activity relationship studies of benzyl-, phenethyl-, and pyridyl-substituted tetrahydroacridinamines as multitargeting agents to treat Alzheimer's disease. <i>Chemical Biology and Drug Design</i> , 2016, 88, 710-723.	1.5	7
270	Protective effect of recombinant soluble neprilysin against $\beta$ -amyloid induced neurotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 614-619.	1.0	5
271	Citrus bergamia Juice Extract Attenuates $\beta$ -Amyloid-Induced Pro-Inflammatory Activation of THP-1 Cells Through MAPK and AP-1 Pathways. <i>Scientific Reports</i> , 2016, 6, 20809.	1.6	58
272	The Zebrafish Equivalent of Alzheimer's Disease-Associated PRESENILIN Isoform PS2V Regulates Inflammatory and Other Responses to Hypoxic Stress. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 581-608.	1.2	25
273	Metalloproteases Meprin $\beta$ and Meprin $\alpha$ in Health and Disease. , 2016, , 691-698.		1
274	$A\beta$ PP/PS1 Transgenic Mice Show Sex Differences in the Cerebellum Associated with Aging. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 645-656.	1.2	40
275	Animal Models of Behavior Genetics. , 2016, , .		0
276	The contribution of neuroinflammation to amyloid toxicity in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2016, 136, 457-474.	2.1	331
277	Neuregulin-1 (Nrg1) signaling has a preventive role and is altered in the frontal cortex under the pathological conditions of Alzheimer's disease. <i>Molecular Medicine Reports</i> , 2016, 14, 2614-2624.	1.1	39



#	ARTICLE	IF	CITATIONS
278	Neurodegenerative Diseases and Dementia. , 2016, , 167-197.		0
279	Inhibition of Histone Deacetylase 3 Restores Amyloid- $\beta$ Oligomer-Induced Plasticity Deficit in Hippocampal CA1 Pyramidal Neurons. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 783-791.	1.2	53
280	Functional modulation of strychnine-sensitive glycine receptors in rat hippocampal pyramidal neurons by amyloid- $\beta$ protein (1-42). <i>Brain Research</i> , 2016, 1651, 61-72.	1.1	6
281	Efficacy of Natural Compounds in Neurodegenerative Disorders. <i>Advances in Neurobiology</i> , 2016, 12, 107-123.	1.3	21
282	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 892-908.	2.5	165
283	Deletion of the type-1 interferon receptor in APPSWE/PS1 $\Delta$ E9 mice preserves cognitive function and alters glial phenotype. <i>Acta Neuropathologica Communications</i> , 2016, 4, 72.	2.4	58
284	Anti-Amyloid- $\beta$ Immunotherapy for Alzheimer's Disease. , 2016, , 193-226.		9
285	Safflower yellow ameliorates cognition deficits and reduces tau phosphorylation in APP/PS1 transgenic mice. <i>Metabolic Brain Disease</i> , 2016, 31, 1133-1142.	1.4	11
286	Red Raspberries and Their Bioactive Polyphenols: Cardiometabolic and Neuronal Health Links. <i>Advances in Nutrition</i> , 2016, 7, 44-65.	2.9	141
287	Neuroprotective effect of peptides extracted from walnut ( <i>Juglans Sigilata</i> Dode) proteins on A $\beta$ 25-35-induced memory impairment in mice. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 21-30.	1.0	38
288	Atorvastatin ameliorates cognitive impairment, A $\beta$ 1-42 production and Tau hyperphosphorylation in APP/PS1 transgenic mice. <i>Metabolic Brain Disease</i> , 2016, 31, 693-703.	1.4	15
289	Centella asiatica extract protects against amyloid $\beta$ 1-40-induced neurotoxicity in neuronal cells by activating the antioxidative defence system. <i>Journal of Traditional and Complementary Medicine</i> , 2016, 6, 362-369.	1.5	49
290	Multidimensional significance of crystallin protein-protein interactions and their implications in various human diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 222-233.	1.1	11
291	Cortical Amyloid $\beta$ Deposition and Current Depressive Symptoms in Alzheimer Disease and Mild Cognitive Impairment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2016, 29, 149-159.	1.2	38
292	Donepezil-like multifunctional agents: Design, synthesis, molecular modeling and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 864-879.	2.6	80
293	Streptozotocin Intracerebroventricular-Induced Neurotoxicity and Brain Insulin Resistance: a Therapeutic Intervention for Treatment of Sporadic Alzheimer's Disease (sAD)-Like Pathology. <i>Molecular Neurobiology</i> , 2016, 53, 4548-4562.	1.9	104
294	Neuroprotective effects of curcumin on endothelin-1 mediated cell death in hippocampal neurons. <i>Nutritional Neuroscience</i> , 2017, 20, 273-283.	1.5	19
295	Oxidative Stress, Synaptic Dysfunction, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 1105-1121.	1.2	1,123

#	ARTICLE	IF	CITATIONS
296	Comparison of the glycopattern alterations of mitochondrial proteins in cerebral cortex between rat Alzheimer's disease and the cerebral ischemia model. <i>Scientific Reports</i> , 2017, 7, 39948.	1.6	9
297	Cytokines and Chemokines. , 2017, , 261-283.		1
298	Macrophage Migration Inhibitory Factor is subjected to glucose modification and oxidation in Alzheimer's Disease. <i>Scientific Reports</i> , 2017, 7, 42874.	1.6	36
299	The Role of ADAM10 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 303-322.	1.2	108
300	Metaplasticity mechanisms restore plasticity and associativity in an animal model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5527-5532.	3.3	48
301	Adaptive responses of neuronal mitochondria to bioenergetic challenges: Roles in neuroplasticity and disease resistance. <i>Free Radical Biology and Medicine</i> , 2017, 102, 203-216.	1.3	184
302	Magnetic Fluorescent Nanoparticles Binding to Amyloid-Beta Peptide: Silica-Coated, Thioflavin-T Functionalized Iron Oxide. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	1.2	8
303	Intracerebroventricular administration of adiponectin attenuates streptozotocin-induced memory impairment in rats. <i>Physiology International</i> , 2017, 104, 150-157.	0.8	9
304	How the cognitive reserve interacts with $\beta$ -amyloid deposition in mitigating FDG metabolism. <i>Medicine (United States)</i> , 2017, 96, e5876.	0.4	8
305	Potential anti-cholinesterase and $\beta$ -site amyloid precursor protein cleaving enzyme 1 inhibitory activities of cornuside and gallotannins from <i>Cornus officinalis</i> fruits. <i>Archives of Pharmacal Research</i> , 2017, 40, 836-853.	2.7	32
306	Recent advancements in liposomes targeting strategies to cross blood-brain barrier (BBB) for the treatment of Alzheimer's disease. <i>Journal of Controlled Release</i> , 2017, 260, 61-77.	4.8	251
307	Gold nanoparticles prevent cognitive deficits, oxidative stress and inflammation in a rat model of sporadic dementia of Alzheimer's type. <i>Materials Science and Engineering C</i> , 2017, 77, 476-483.	3.8	83
308	Neuronal p38 $\beta$ mediates synaptic and cognitive dysfunction in an Alzheimer's mouse model by controlling $\beta$ -amyloid production. <i>Scientific Reports</i> , 2017, 7, 45306.	1.6	38
309	Diminished stress resistance and defective adaptive homeostasis in age-related diseases. <i>Clinical Science</i> , 2017, 131, 2573-2599.	1.8	32
310	Clinical Gene Therapy for Neurodegenerative Diseases: Past, Present, and Future. <i>Human Gene Therapy</i> , 2017, 28, 988-1003.	1.4	82
311	Pharmacokinetics of Cromolyn and Ibuprofen in Healthy Elderly Volunteers. <i>Clinical Drug Investigation</i> , 2017, 37, 1025-1034.	1.1	28
312	Effects of cannabidiol interactions with Wnt/ $\beta$ -catenin pathway and PPAR $\gamma$ ; on oxidative stress and neuroinflammation in Alzheimer's disease. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 853-866.	0.9	155
313	TRPML1 Participates in the Progression of Alzheimer's Disease by Regulating the PPAR $\beta$ /AMPK/Mtor Signalling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2446-2456.	1.1	48

#	ARTICLE	IF	CITATIONS
314	Guanosine Prevents Anhedonic-Like Behavior and Impairment in Hippocampal Glutamate Transport Following Amyloid- $\beta$ Administration in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 5482-5496.	1.9	39
315	Targeting Neuroinflammation to Treat Alzheimer's Disease. <i>CNS Drugs</i> , 2017, 31, 1057-1082.	2.7	182
316	Management of Diabetes by the Natural Products. <i>Biochemistry &amp; Physiology</i> , 2017, 06, .	0.2	0
317	Polymethoxyflavones: Novel $\beta$ -Secretase (BACE1) Inhibitors from Citrus Peels. <i>Nutrients</i> , 2017, 9, 973.	1.7	38
318	Cannabidiol Modulates the Expression of Alzheimer's Disease-Related Genes in Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 26.	1.8	72
319	Wnt/TLR Dialog in Neuroinflammation, Relevance in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2017, 8, 187.	2.2	39
320	Microglia Responses in Acute and Chronic Neurological Diseases: What Microglia-Specific Transcriptomic Studies Taught (and did Not Teach) Us. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 227.	1.7	70
321	Perspective Insights into Disease Progression, Diagnostics, and Therapeutic Approaches in Alzheimer's Disease: A Judicious Update. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 356.	1.7	49
322	Curcumin Exerts Effects on the Pathophysiology of Alzheimer's Disease by Regulating PI(3,5)P2 and Transient Receptor Potential Mucolipin-1 Expression. <i>Frontiers in Neurology</i> , 2017, 8, 531.	1.1	16
323	Metal Dyshomeostasis and Their Pathological Role in Prion and Prion-Like Diseases: The Basis for a Nutritional Approach. <i>Frontiers in Neuroscience</i> , 2017, 11, 3.	1.4	44
324	Protein Glutathionylation in the Pathogenesis of Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	38
325	Stoichiometric Zn <sup>2+</sup> interferes with the self-association of A $\beta$ : Insights from size distribution analysis. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 631-639.	3.6	8
326	Attenuation of Aluminum Chloride-Induced Neuroinflammation and Caspase Activation Through the AKT/GSK-3 $\beta$ Pathway by Hesperidin in Wistar Rats. <i>Neurotoxicity Research</i> , 2018, 34, 463-476.	1.3	76
327	p66Shc Signaling Mediates Diabetes-Related Cognitive Decline. <i>Scientific Reports</i> , 2018, 8, 3213.	1.6	21
328	Dihydroceramide Desaturase 1 Inhibitors Reduce Amyloid- $\beta$ Levels in Primary Neurons from an Alzheimer's Disease Transgenic Model. <i>Pharmaceutical Research</i> , 2018, 35, 49.	1.7	14
329	A novel role for osteopontin in macrophage-mediated amyloid- $\beta$ clearance in Alzheimer's models. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 163-180.	2.0	86
330	Phytochemicals as inhibitors of NF- $\kappa$ B for treatment of Alzheimer's disease. <i>Pharmacological Research</i> , 2018, 129, 262-273.	3.1	192
331	Decursin attenuates the amyloid- $\beta$ -induced inflammatory response in PC12 cells via MAPK and nuclear factor- $\kappa$ B pathway. <i>Phytotherapy Research</i> , 2018, 32, 251-258.	2.8	10

#	ARTICLE	IF	CITATIONS
332	Understanding the roles of mutations in the amyloid precursor protein in Alzheimer disease. <i>Molecular Psychiatry</i> , 2018, 23, 81-93.	4.1	74
333	Imidazole improves cognition and balances Alzheimer's-like intracellular calcium homeostasis in transgenic <i>Drosophila</i> model. <i>Neurobiology and Biophysics</i> , 2018, 37, 1250-1257.	0.8	6
334	Ellagic acid ameliorates learning and memory impairment in APP/PS1 transgenic mice via inhibition of $\beta$ -amyloid production and tau hyperphosphorylation. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4951-4958.	0.8	21
335	Overview on the Effects of N-Acetylcysteine in Neurodegenerative Diseases. <i>Molecules</i> , 2018, 23, 3305.	1.7	162
336	The influence of GAPT extraction on synapse loss of APP <sup>swe</sup> /PS1 <sup>dE9</sup> transgenic mice via adjusting Bcl-2/Bax balance. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 724-736.	1.8	7
337	A $\beta$ and the dementia syndrome: Simple versus complex perspectives. <i>European Journal of Clinical Investigation</i> , 2018, 48, e13025.	1.7	11
338	Characterization of dural sinus-associated lymphatic vasculature in human Alzheimer's dementia subjects. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 34-40.	2.0	43
339	Morroniside prevents H <sub>2</sub> O <sub>2</sub> or A $\beta$ <sup>1-42</sup> -induced apoptosis via attenuating JNK and p38 MAPK phosphorylation. <i>European Journal of Pharmacology</i> , 2018, 834, 295-304.	1.7	38
340	Dissecting Endoplasmic Reticulum Unfolded Protein Response (UPR) in Managing Clandestine Modus Operandi of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 30.	1.7	29
341	Evaluation of neuropathological effects of a high-fat high-sucrose diet in middle-aged male C57BL/6J mice. <i>Physiological Reports</i> , 2018, 6, e13729.	0.7	22
342	Blood-Brain Barrier Dysfunction in a 3D In Vitro Model of Alzheimer's Disease. <i>Advanced Science</i> , 2019, 6, 1900962.	5.6	168
343	Orexins as Novel Therapeutic Targets in Inflammatory and Neurodegenerative Diseases. <i>Frontiers in Endocrinology</i> , 2019, 10, 709.	1.5	41
344	Brusatol inhibits amyloid $\beta$ -induced neurotoxicity in U251 cells via regulating the Nrf2/HO-1 pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10556-10563.	1.2	11
345	Developing Effective Alzheimer's Disease Therapies: Clinical Experience and Future Directions. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 715-732.	1.2	89
346	Contributions by the Brain Renin-Angiotensin System to Memory, Cognition, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 469-480.	1.2	54
347	<p>Beneficial effects of resveratrol and exercise training on cardiac and aortic function and structure in the 3xTg mouse model of Alzheimer's disease</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 1197-1211.	2.0	17
348	Oxidative Stress: A Key Modulator in Neurodegenerative Diseases. <i>Molecules</i> , 2019, 24, 1583.	1.7	1,185
349	Biological Evaluation and Docking Analysis of Potent BACE1 Inhibitors from <i>Boesenbergia rotunda</i> . <i>Nutrients</i> , 2019, 11, 662.	1.7	32

#	ARTICLE	IF	CITATIONS
350	Toll-like receptors in the pathogenesis of neuroinflammation. <i>Journal of Neuroimmunology</i> , 2019, 332, 16-30.	1.1	223
351	Neurodegenerative Diseases and Ageing. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 75-106.	1.0	8
352	Dual BACE1 and Cholinesterase Inhibitory Effects of Phlorotannins from <i>Ecklonia cava</i> An In Vitro and in Silico Study. <i>Marine Drugs</i> , 2019, 17, 91.	2.2	38
353	Extracellular Vesicles from Mesenchymal Stem Cells Exert Pleiotropic Effects on Amyloid $\beta$ , Inflammation, and Regeneration: A Spark of Hope for Alzheimer's Disease from Tiny Structures?. <i>BioEssays</i> , 2019, 41, e1800199.	1.2	29
354	Bowman $\beta$ inhibitor modifies transcription of autophagy and apoptosis genes in an in vitro model of Alzheimer's disorder. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11150-11157.	1.2	4
355	Low-dose pioglitazone can ameliorate learning and memory impairment in a mouse model of dementia by increasing LRP1 expression in the hippocampus. <i>Scientific Reports</i> , 2019, 9, 4414.	1.6	55
356	Understanding the Amyloid Hypothesis in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 493-510.	1.2	77
357	Cerebrovascular Smooth Muscle Cells as the Drivers of Intramural Periarterial Drainage of the Brain. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 1.	1.7	214
358	Korean Thistle ( <i>Cirsium japonicum</i> var. <i>maackii</i> (Maxim.) Matsum.): A Potential Dietary Supplement against Diabetes and Alzheimer's Disease. <i>Molecules</i> , 2019, 24, 649.	1.7	19
359	Identification and characterization of Prokineticin receptor 2 splicing variant and its modulation in an animal model of Alzheimer's disease. <i>Neuropeptides</i> , 2019, 73, 49-56.	0.9	11
360	<i>Nigella sativa</i> L. seed and seed oil: potential sources of high-value components for development of functional foods and nutraceuticals/pharmaceuticals. <i>Journal of Essential Oil Research</i> , 2019, 31, 171-183.	1.3	38
361	Neural regeneration therapies for Alzheimer's and Parkinson's disease-related disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165506.	1.8	41
362	Chronic sleep fragmentation shares similar pathogenesis with neurodegenerative diseases: Endosome $\rightarrow$ autophagosome $\rightarrow$ lysosome pathway dysfunction and microglia-mediated neuroinflammation. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 215-227.	1.9	49
363	Endosomal dysfunction impacts extracellular vesicle release: Central role in A $\beta$ pathology. <i>Ageing Research Reviews</i> , 2020, 58, 101006.	5.0	29
364	The X Files: The Mystery of X Chromosome Instability in Alzheimer's Disease. <i>Frontiers in Genetics</i> , 2019, 10, 1368.	1.1	25
365	P-glycoprotein: a role in the export of amyloid $\beta$ in Alzheimer's disease?. <i>FEBS Journal</i> , 2020, 287, 612-625.	2.2	62
366	The role of synaptic microRNAs in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165937.	1.8	40
367	Ozone: a natural bioactive molecule with antioxidant property as potential new strategy in aging and in neurodegenerative disorders. <i>Ageing Research Reviews</i> , 2020, 63, 101138.	5.0	55

#	ARTICLE	IF	CITATIONS
368	Green synthesis of silver nanoparticles and their preventive effect in deficits in recognition and spatial memory in sporadic Alzheimer's rat model. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 605, 125288.	2.3	23
369	Current Evidence on the Protective Effects of Recombinant Human Erythropoietin and Its Molecular Variants against Pathological Hallmarks of Alzheimer's Disease. <i>Pharmaceutics</i> , 2020, 13, 424.	1.7	17
370	Effects of IL-34 on Macrophage Immunological Profile in Response to Alzheimer's-Related A $\beta$ 242 Assemblies. <i>Frontiers in Immunology</i> , 2020, 11, 1449.	2.2	15
371	P38K and JNK pathways are induced by amyloid- $\beta$ 2 in astrocyte: Implication of MAPK pathways in astrogliosis in Alzheimer's disease. <i>Molecular and Cellular Neurosciences</i> , 2020, 108, 103551.	1.0	18
372	Overcoming the Blood-Brain Barrier: Functionalised Chitosan Nanocarriers. <i>Pharmaceutics</i> , 2020, 12, 1013.	2.0	37
373	Synergistic depletion of gut microbial consortia, but not individual antibiotics, reduces amyloidosis in APPPS1-21 Alzheimer's transgenic mice. <i>Scientific Reports</i> , 2020, 10, 8183.	1.6	51
374	Nanoliposomes as a Therapeutic Tool for Alzheimer's Disease. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 20.	1.3	24
375	Expedition into Taurine Biology: Structural Insights and Therapeutic Perspective of Taurine in Neurodegenerative Diseases. <i>Biomolecules</i> , 2020, 10, 863.	1.8	18
376	Protective effects of curcumin against neuroinflammation induced by A $\beta$ 25-35 in primary rat microglia: modulation of high-mobility group box 1, toll-like receptor 4 and receptor for advanced glycation end products expression. <i>Annals of Translational Medicine</i> , 2020, 8, 88-88.	0.7	20
377	Allopregnanolone Promotes Neuronal and Oligodendrocyte Differentiation In Vitro and In Vivo: Therapeutic Implication for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1813-1824.	2.1	15
378	Modelling of interactions between A $\beta$ (25-35) peptide and phospholipid bilayers: effects of cholesterol and lipid saturation. <i>RSC Advances</i> , 2020, 10, 3902-3915.	1.7	11
379	Activated Bone Marrow-Derived Macrophages Eradicate Alzheimer's-Related A $\beta$ 242 Oligomers and Protect Synapses. <i>Frontiers in Immunology</i> , 2020, 11, 49.	2.2	32
380	Pathophysiological Role of Transient Receptor Potential Mucolipin Channel 1 in Calcium-Mediated Stress-Induced Neurodegenerative Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 251.	1.3	17
381	Morin exerts protective effects on encephalopathy and sepsis-associated cognitive functions in a murine sepsis model. <i>Brain Research Bulletin</i> , 2020, 159, 53-60.	1.4	17
382	Inhibition of formyl peptide receptors improves the outcome in a mouse model of Alzheimer disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 131.	3.1	27
383	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. , 2020, 213, 107554.		83
384	Bioactive Polyphenols and Neuromodulation: Molecular Mechanisms in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2564.	1.8	63
385	A multitude of signaling pathways associated with Alzheimer's disease and their roles in AD pathogenesis and therapy. <i>Medicinal Research Reviews</i> , 2021, 41, 2689-2745.	5.0	26



#	ARTICLE	IF	CITATIONS
386	Inhibition of tau aggregation and associated cytotoxicity on neuron-like cells by calycosin. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 74-81.	3.6	12
387	1. Aging and Dementia. , 2021, , .		0
388	Determination of plasma $\beta$ -amyloids by rolling circle amplification chemiluminescent immunoassay for noninvasive diagnosis of Alzheimer's disease. <i>Mikrochimica Acta</i> , 2021, 188, 24.	2.5	3
389	Alzheimer's Disease and Protein Kinases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1275, 285-321.	0.8	19
390	Roles of Cannabidiol in the Treatment and Prevention of Alzheimer's Disease by Multi-target Actions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 43-51.	1.1	5
391	siRNA Therapeutics: Future Promise for Neurodegenerative Diseases. <i>Current Neuropharmacology</i> , 2021, 19, 1896-1911.	1.4	10
392	Metals toxicity and its correlation with the gene expression in Alzheimer's disease. <i>Molecular Biology Reports</i> , 2021, 48, 3245-3252.	1.0	8
393	Elevated levels of MicroRNA-455-3p in the cerebrospinal fluid of Alzheimer's patients: A potential biomarker for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166052.	1.8	20
394	From Hybrids to New Scaffolds: The Latest Medicinal Chemistry Goals in Multi-target Directed Ligands for Alzheimer's Disease. <i>Current Neuropharmacology</i> , 2021, 19, 832-867.	1.4	8
395	Putative Involvement of Endocrine Disruptors in the Alzheimer's Disease Via the Insulin-Regulated Aminopeptidase/GLUT4 Pathway. <i>Current Neuropharmacology</i> , 2021, 19, 939-956.	1.4	5
396	Neuropharmacological Effects of Quercetin: A Literature-Based Review. <i>Frontiers in Pharmacology</i> , 2021, 12, 665031.	1.6	77
397	Inhibition of Smad3 in macrophages promotes $\beta$ efflux from the brain and thereby ameliorates Alzheimer's pathology. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 154-167.	2.0	7
398	Adlay hull extracts attenuate $\beta$ -amyloid-induced neurotoxicity and oxidative stress in PC12 cells through antioxidative, anti-inflammatory, and antiapoptotic activities. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 101020.	0.7	3
399	The potential role of mesenchymal stem cells in modulating antiageing process. <i>Cell Biology International</i> , 2021, 45, 1999-2016.	1.4	5
400	Inflammation and Alzheimer's Disease: Mechanisms and Therapeutic Implications by Natural Products. <i>Mediators of Inflammation</i> , 2021, 2021, 1-21.	1.4	36
401	Role of Vitamin E and the Orexin System in Neuroprotection. <i>Brain Sciences</i> , 2021, 11, 1098.	1.1	13
402	Src family kinases (SFKs): critical regulators of microglial homeostatic functions and neurodegeneration in Parkinson's and Alzheimer's diseases. <i>FEBS Journal</i> , 2022, 289, 7760-7775.	2.2	21
404	Effects of food-derived bioactive peptides on cognitive deficits and memory decline in neurodegenerative diseases: A review. <i>Trends in Food Science and Technology</i> , 2021, 116, 712-732.	7.8	41

#	ARTICLE	IF	CITATIONS
405	Can platelet activation result in increased plasma A $\beta$ levels and contribute to the pathogenesis of Alzheimer's disease?. <i>Ageing Research Reviews</i> , 2021, 71, 101420.	5.0	15
406	The Role of Cathepsin B in the Degradation of A $\beta$ and in the Production of A $\beta$ Peptides Starting With Ala2 in Cultured Astrocytes. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 615740.	1.4	19
407	Promising Intervention Approaches to Potentially Resolve Neuroinflammation And Steroid Hormones Alterations in Alzheimer's Disease and Its Neuropsychiatric Symptoms. , 2021, 12, 1337.		11
408	Lipids in Alzheimer's Disease Brain. , 2009, , 563-582.		3
409	Discovery Process for Antibody-Based Therapeutics. , 2012, , 9-32.		10
410	Brain Protein Oxidation and Modification for Good or for Bad in Alzheimer's Disease. <i>Advances in Neurobiology</i> , 2011, , 585-605.	1.3	1
411	The Glutamatergic System in Alzheimer's Disease Brain: Dysfunction Associated with Amyloid $\beta$ -Peptide and Oxidative Stress. , 2004, , 251-262.		2
412	Component of Cannabis, Cannabidiol, as a Possible Drug against the Cytotoxicity of A $\beta$ (31-35) and A $\beta$ (25-35) Peptides: An Investigation by Molecular Dynamics and Well-Tempered Metadynamics Simulations. <i>ACS Chemical Neuroscience</i> , 2021, 12, 660-674.	1.7	12
414	Extracellular Vesicles (EVs); Basic Science, Clinical Relevance and Applications. <i>Cell Biology</i> , 2014, 2, 60.	0.2	1
415	Angiotensin-converting enzyme overexpression in myelomonocytes prevents Alzheimer's-like cognitive decline. <i>Journal of Clinical Investigation</i> , 2014, 124, 1000-1012.	3.9	82
416	Allopregnanolone Promotes Regeneration and Reduces $\beta$ -Amyloid Burden in a Preclinical Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2011, 6, e24293.	1.1	106
417	S100A9 Knockout Decreases the Memory Impairment and Neuropathology in Crossbreed Mice of Tg2576 and S100A9 Knockout Mice Model. <i>PLoS ONE</i> , 2014, 9, e88924.	1.1	47
418	Effects of Ectoine on Behavior and Candidate Genes Expression in ICV-STZ Rat Model of Sporadic Alzheimer's Disease. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 629-636.	0.6	5
419	Riluzole: a therapeutic strategy in Alzheimer's disease by targeting the WNT/ $\beta$ -catenin pathway. <i>Aging</i> , 2020, 12, 3095-3113.	1.4	29
420	<i>MEF2C</i> rs190982 polymorphism with late-onset Alzheimer's disease in Han Chinese: A replication study and meta-analyses. <i>Oncotarget</i> , 2016, 7, 39136-39142.	0.8	11
421	Neuroprotective Mechanisms Mediated by CDK5 Inhibition. <i>Current Pharmaceutical Design</i> , 2016, 22, 527-534.	0.9	57
422	Neuroprotective and Neurorestorative Effects of Epo and VEGF: Perspectives for New Therapeutic Approaches to Neurological Diseases. <i>Current Pharmaceutical Design</i> , 2020, 26, 1263-1276.	0.9	27
423	Antioxidant Therapy in Alzheimers Disease: Theory and Practice. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008, 8, 1395-1406.	1.1	129



#	ARTICLE	IF	CITATIONS
424	Mitochondrial Abnormalities in a Streptozotocin-Induced Rat Model of Sporadic Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2013, 10, 406-419.	0.7	106
425	High Content, Multi-Parameter Analyses in Buccal Cells to Identify Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 787-799.	0.7	23
426	Poor Safety and Tolerability Hamper Reaching a Potentially Therapeutic Dose in the Use of Thalidomide for Alzheimer's Disease: Results from a Double-Blind, Placebo-Controlled Trial. <i>Current Alzheimer Research</i> , 2017, 14, 403-411.	0.7	45
427	Neurogenesis in Alzheimers Disease: A Realistic Alternative to Neuronal Degeneration?. <i>Current Signal Transduction Therapy</i> , 2011, 6, 314-319.	0.3	17
428	The Role of Natural Products in the Discovery of New Drug Candidates for the Treatment of Neurodegenerative Disorders II: Alzheimers Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 251-270.	0.8	93
429	Effects of Estrogen in the Brain: Is it a Neuroprotective Agent in Alzheimers Disease?. <i>Current Aging Science</i> , 2010, 3, 113-126.	0.4	59
430	Carvacrol and Thymol Attenuate Cytotoxicity Induced by Amyloid $\beta$ 25-35 Via Activating Protein Kinase C and Inhibiting Oxidative Stress in PC12 Cells. <i>Iranian Biomedical Journal</i> , 2020, 24, 243-250.	0.4	13
431	Relating Connectivity and Graph Analysis to Cognitive Function in Alzheimer's Disease. <i>Michigan Journal of Medicine</i> , 2016, 1, .	0.0	12
432	Extracellular vesicles: fundamentals and clinical relevance. <i>The Egyptian Journal of Internal Medicine</i> , 2015, 27, 1-7.	0.3	1
433	Targeting the guanine-based purinergic system in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2017, 12, 212.	1.6	2
434	Regulation of amyloid precursor protein processing by its KFERQ motif. <i>BMB Reports</i> , 2016, 49, 337-343.	1.1	52
435	Human serum albumin fusion protein as therapeutics for targeting amyloid beta in Alzheimer's diseases. <i>Neuroscience Letters</i> , 2022, 767, 136298.	1.0	3
436	Neuronal Survival and Death in Alzheimer Disease. <i>Advances in Behavioral Biology</i> , 2002, , 49-57.	0.2	0
437	Potential Applications of Glycosaminoglycan-Related Compounds in Alzheimer's Disease. , 2007, , 255-273.		0
438	Actions of Bioactive Phytochemicals in Cell Function and Alzheimer's Disease Pathology. <i>Oxidative Stress and Disease</i> , 2009, , .	0.3	1
439	Spontaneous Vertebrate Models of Alzheimer Dementia: Selectively Bred Strains (SAM Strains). <i>Neuromethods</i> , 2011, , 271-293.	0.2	0
440	The Neuroimmunology of Cortical Disease (Dementia, Epilepsy, and Autoimmune Encephalopathies). , 2011, , 275-290.		1
442	Effects of Treadmill Exercise on Brain Insulin Signaling, Glucose Metabolism and Tau Hyperphosphorylation in Intracerebroventricular Streptozotocin Induced-Memory Impairment in Rats. <i>Exercise Science</i> , 2014, 23, 99-108.	0.1	0

#	ARTICLE	IF	CITATIONS
444	Managing Alzheimer's Disease through Alternative Therapy - Current Perspectives and Future Directions. <i>Journal of Alternative Medical Research</i> , 2015, 1, .	0.0	0
445	Phytochemicals and Medicinal Uses of Red Raspberry: A Review. <i>Journal of Pharmaceutical Research</i> , 2020, 5, .	0.0	2
447	Asymptomatic neurotoxicity of amyloid $\beta$ -peptides ( $A\beta$ 1-42 and $A\beta$ 25-35) on mouse embryonic stem cell-derived neural cells. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, 21, 98-110.	0.6	3
448	MicroRNA-455-3p improves synaptic, cognitive functions and extends lifespan: Relevance to Alzheimer's disease. <i>Redox Biology</i> , 2021, 48, 102182.	3.9	20
449	Nanoparticle-Guided Brain Drug Delivery: Expanding the Therapeutic Approach to Neurodegenerative Diseases. <i>Pharmaceutics</i> , 2021, 13, 1897.	2.0	27
452	Cell Cycle Activation and the Amyloid- $\beta$ Protein in Alzheimer's Disease. , 2006, , 299-308.		0
453	Redox proteomics in some age-related neurodegenerative disorders or models thereof. <i>Neurotherapeutics</i> , 2006, 3, 344-357.	2.1	0
456	Allopregnanolone attenuates $A\beta$ 25-35-induced neurotoxicity in PC12 cells by reducing oxidative stress. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 13610-5.	1.3	11
459	Modulation of Neurolipid Signaling and Specific Lipid Species in the Triple Transgenic Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12256.	1.8	11
460	Role of Oxygen Radicals in Alzheimer's Disease: Focus on Tau Protein. <i>Oxygen</i> , 2021, 1, 96-120.	1.6	5
461	A missense variant in SHARPIN mediates Alzheimer's disease-specific brain damages. <i>Translational Psychiatry</i> , 2021, 11, 590.	2.4	10
462	Periapical Disease and the Prefrontal Cortex. Is there a Relationship between Calcium-Binding Protein and Neurodegenerative Diseases?. <i>Archives of Health Investigation</i> , 2022, 11, 141-152.	0.0	0
463	Amyloid- $\beta$ oligomers in the nucleus accumbens decrease motivation via insertion of calcium-permeable AMPA receptors. <i>Molecular Psychiatry</i> , 2022, 27, 2146-2157.	4.1	5
464	Applications of plant-based nanoparticles in nanomedicine: A review. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100606.	1.6	55
465	TDP-43 Pathology and Prionic Behavior in Human Cellular Models of Alzheimer's Disease Patients. <i>Biomedicines</i> , 2022, 10, 385.	1.4	3
466	Protein Synthesis/Degradation: Protein Degradation " Protease Classes " Metalloproteases Meprin $\beta$ and Meprin $\alpha$ in Health and Disease. , 2022, , .		0
467	Structural basis of FPR2 in recognition of $A\beta$ 42 and neuroprotection by humanin. <i>Nature Communications</i> , 2022, 13, 1775.	5.8	24
468	A New Insight into an Alternative Therapeutic Approach to Restore Redox Homeostasis and Functional Mitochondria in Neurodegenerative Diseases. <i>Antioxidants</i> , 2022, 11, 7.	2.2	5

#	ARTICLE	IF	CITATIONS
473	Biophysical characterization as a tool to predict amyloidogenic and toxic properties of amyloid- $\beta$ 242 peptides. <i>FEBS Letters</i> , 2022, 596, 1401-1411.	1.3	2
474	Maternal Lead Exposure Induces Down-regulation of Hippocampal Insulin-degrading Enzyme and Nerve Growth Factor Expression in Mouse Pups. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 215-219.	0.2	6
475	Alzheimer's disease amyloidogenesis is linked to altered lower urinary tract physiology. <i>Neurourology and Urodynamics</i> , 2022, 41, 1344-1354.	0.8	1
477	WNT/ $\beta$ -catenin Pathway: a Possible Link Between Hypertension and Alzheimer's Disease. <i>Current Hypertension Reports</i> , 2022, 24, 465-475.	1.5	5
478	The Role of Vitamin D in Alzheimer's Disease: A Transcriptional Regulator of Amyloidopathy and Gliopathy. <i>Biomedicines</i> , 2022, 10, 1824.	1.4	15
480	Stem Cells and Natural Agents in the Management of Neurodegenerative Diseases: A New Approach. <i>Neurochemical Research</i> , 2023, 48, 39-53.	1.6	0
481	Comparison of Cerebral Cortex Transcriptome Profiles in Ischemic Stroke and Alzheimer's Disease Models. <i>Clinical Nutrition Research</i> , 2022, 11, 159.	0.5	1
482	New Insights into the Gut Microbiota in Neurodegenerative Diseases from the Perspective of Redox Homeostasis. <i>Antioxidants</i> , 2022, 11, 2287.	2.2	8
483	Blood-brain barrier penetrating neprilysin degrades monomeric amyloid-beta in a mouse model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	4
484	Salivary $\beta$ 42 may be a quick-tested biomarker for clinical use in Alzheimer's disease: a meta-analysis. <i>Journal of Neurology</i> , 2023, 270, 1945-1954.	1.8	5
485	Emerging therapeutics agents and recent advances in drug repurposing for Alzheimer's disease. <i>Ageing Research Reviews</i> , 2023, 85, 101815.	5.0	6
486	N-Feruloyl Serotonin Attenuates Neuronal Oxidative Stress and Apoptosis in $\beta$ 25 $\beta$ 35-Treated Human Neuroblastoma SH-SY5Y Cells. <i>Molecules</i> , 2023, 28, 1610.	1.7	1
487	Long-term radiofrequency electromagnetic fields exposure attenuates cognitive dysfunction in 5 $\times$ -FAD mice by regulating microglial function. <i>Neural Regeneration Research</i> , 2023, .	1.6	0
488	State of the Art of microRNAs Signatures as Biomarkers and Therapeutic Targets in Parkinson's and Alzheimer's Diseases: A Systematic Review and Meta-Analysis. <i>Biomedicines</i> , 2023, 11, 1113.	1.4	7
490	Going beyond established model systems of Alzheimer's disease: companion animals provide novel insights into the neurobiology of aging. <i>Communications Biology</i> , 2023, 6, .	2.0	3
493	Emerging Stem Cell Therapy and Tissue Engineering-Based Approaches in Neurodegenerative Diseases. , 2023, , 1-49.		0
496	Phospholipid Peroxidation in Health and Disease. , 2023, , 405-430.		0