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Oxidative stress in Alzheimer disease

DOI: 10.4161/cam.3.1.7402

Cell Adhesion and Migration, 2009, 3, 88-93.

Source: <https://exaly.com/paper-pdf/45689517/citation-report.pdf>

Version: 2024-04-28

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#	Paper	IF	Citations
263	Immunohistochemical analysis of human brain suggests pathological synergism of Alzheimer's disease and diabetes mellitus. 2010 , 37, 67-76		133
262	Ginkgo biloba extract in Alzheimer's disease: from action mechanisms to medical practice. 2010 , 11, 107-23		101
261	H2O2 and PAF mediate Abeta1-42-induced Ca2+ dyshomeostasis that is blocked by EGb761. 2010 , 56, 893-905		31
260	Brain endothelial cells synthesize neurotoxic thrombin in Alzheimer's disease. 2010 , 176, 1600-6		82
259	Proteomics analysis identifies PARK7 as an important player for renal cell resistance and survival under oxidative stress. 2011 , 7, 1277-88		18
258	Garcinol promotes neurogenesis in rat cortical progenitor cells through the duration of extracellular signal-regulated kinase signaling. 2011 , 59, 1031-40		23
257	Synthesis, biological evaluation, and molecular modeling of donepezil and N-[(5-(benzyloxy)-1-methyl-1H-indol-2-yl)methyl]-N-methylprop-2-yn-1-amine hybrids as new multipotent cholinesterase/monoamine oxidase inhibitors for the treatment of Alzheimer's disease. 2011 , 54, 8251-70		178
256	Increased hippocampal quinone reductase 2 in Alzheimer's disease. 2011 , 502, 10-2		14
255	Antioxidant properties of dimethyl sulfoxide and its viability as a solvent in the evaluation of neuroprotective antioxidants. 2011 , 63, 209-15		66
254	Synthesis, biological assessment and molecular modeling of new multipotent MAO and cholinesterase inhibitors as potential drugs for the treatment of Alzheimer's disease. 2011 , 46, 4665-8		51
253	Behavioral stress causes mitochondrial dysfunction via ABAD up-regulation and aggravates plaque pathology in the brain of a mouse model of Alzheimer disease. 2011 , 50, 1526-35		35
252	Oxidative stress and Amyloid protein in Alzheimer's disease. 2011 , 13, 223-50		178
251	Peroxide bond driven dissociation of hydroperoxy-cholesterol esters following collision induced dissociation. 2011 , 22, 867-74		8
250	Thiol metabolomics of endothelial cells using capillary liquid chromatography mass spectrometry with isotope coded affinity tags. 2011 , 1218, 2561-8		28
249	D-arginine action against neurotoxicity induced by glucocorticoids in the brain. 2011 , 35, 1353-62		8
248	Does physical activity reduce risk for Alzheimer's disease through interaction with the stress neuroendocrine system?. 2012 , 15, 243-61		20
247	Triangulated mal-signaling in Alzheimer's disease: roles of neurotoxic ceramides, ER stress, and insulin resistance reviewed. <i>Journal of Alzheimer's Disease</i> , 2012 , 30 Suppl 2, S231-49	4.3	62

246	Cystamine-tacrine dimer: a new multi-target-directed ligand as potential therapeutic agent for Alzheimer's disease treatment. 2012 , 62, 997-1003	70
245	Stress activated protein kinase pathway modulates homologous recombination in fission yeast. 2012 , 7, e47987	5
244	Immunohistochemical study of semicarbazide-sensitive amine oxidase/vascular adhesion protein-1 in the hippocampal vasculature: pathological synergy of Alzheimer's disease and diabetes mellitus. 2012 , 90, 1989-96	15
243	Neuroprotective effect of blackberry (<i>Rubus</i> sp.) polyphenols is potentiated after simulated gastrointestinal digestion. 2012 , 131, 1443-1452	88
242	Multipotent MAO and cholinesterase inhibitors for the treatment of Alzheimer's disease: synthesis, pharmacological analysis and molecular modeling of heterocyclic substituted alkyl and cycloalkyl propargyl amine. 2012 , 52, 251-62	55
241	Lipidomic analysis of brain tissues and plasma in a mouse model expressing mutated human amyloid precursor protein/tau for Alzheimer's disease. 2013 , 12, 68	91
240	Telomere shortening and Alzheimer's disease. 2013 , 15, 25-48	74
239	Alzheimersche Demenz, Cholesterin und Statine: Berührungspunkte wichtiger Stoffwechselwege. 2013 , 125, 1146-1158	2
238	Alzheimer's disease, cholesterol, and statins: the junctions of important metabolic pathways. 2013 , 52, 1110-21	46
237	Novel tacrine-related drugs as potential candidates for the treatment of Alzheimer's disease. 2013 , 23, 1916-22	116
236	Nontoxic and neuroprotective β -aphthotacrines for Alzheimer's disease. 2013 , 26, 986-92	30
235	The effect of <i>Nigella sativa</i> Linn. seed on memory, attention and cognition in healthy human volunteers. 2013 , 148, 780-6	64
234	Propargylamine-derived multitarget-directed ligands: fighting Alzheimer's disease with monoamine oxidase inhibitors. 2013 , 120, 893-902	107
233	Molecular basis of etiological implications in Alzheimer's disease: focus on neuroinflammation. 2013 , 48, 412-28	61
232	Insulin Resistance and Metabolic Failure Underlie Alzheimer Disease. 2013 , 1-30	2
231	QSAR Investigation on Quinolizidinyl Derivatives in Alzheimer's Disease. 2013 , 2013, 1-8	4
230	Accelerated aging in major depression: the role of nitro-oxidative stress. 2013 , 2013, 230797	26
229	Attenuation of β -amyloid-induced oxidative cell death by sulforaphane via activation of NF-E2-related factor 2. 2013 , 2013, 313510	65

228	Triggers and effectors of oxidative stress at blood-brain barrier level: relevance for brain ageing and neurodegeneration. 2013 , 2013, 297512	88
227	NMR-based metabolomics of urine in a mouse model of Alzheimer's disease: identification of oxidative stress biomarkers. 2013 , 52, 133-8	36
226	Pretreatment of chemically-synthesized A β 2 affects its biological activity in yeast. 2014 , 8, 404-10	10
225	Protective effects of Big-leaf mulberry and physiological roles of nitric oxide synthases in the testis of mice following water immersion and restraint stress. 2014 , 116, 1323-30	9
224	Multipotent cholinesterase/monoamine oxidase inhibitors for the treatment of Alzheimer's disease: design, synthesis, biochemical evaluation, ADMET, molecular modeling, and QSAR analysis of novel donepezil-pyridyl hybrids. 2014 , 8, 1893-910	31
223	Multifunctional compounds: smart molecules for multifactorial diseases. 2014 , 76, 31-42	134
222	Prospective atom-based 3D-QSAR model prediction, pharmacophore generation, and molecular docking study of carbamate derivatives as dual inhibitors of AChE and MAO-B for Alzheimer's disease. 2014 , 23, 1114-1122	12
221	Donepezil + propargylamine + 8-hydroxyquinoline hybrids as new multifunctional metal-chelators, ChE and MAO inhibitors for the potential treatment of Alzheimer's disease. 2014 , 80, 543-61	108
220	Brain metabolic dysfunction at the core of Alzheimer's disease. 2014 , 88, 548-59	283
219	Biochemical and immunological aspects of protein aggregation in neurodegenerative diseases. 2014 , 11, 1503-1512	1
218	Discovery, biological evaluation, and crystal structure of a novel nanomolar selective butyrylcholinesterase inhibitor. 2014 , 57, 8167-79	174
217	Design, synthesis, pharmacological evaluation, QSAR analysis, molecular modeling and ADMET of novel donepezil-indolyl hybrids as multipotent cholinesterase/monoamine oxidase inhibitors for the potential treatment of Alzheimer's disease. 2014 , 75, 82-95	94
216	Re-engineering a neuroprotective, clinical drug as a procognitive agent with high in vivo potency and with GABAA potentiating activity for use in dementia. 2015 , 16, 67	12
215	Alzheimer's Disease: Mechanism and Approach to Cell Therapy. 2015 , 16, 26417-51	66
214	Assessment of the therapeutic potential of hesperidin and proteomic resolution of diabetes-mediated neuronal fluctuations expediting Alzheimer's disease. 2015 , 5, 46965-46980	8
213	Tricyclic phenothiazine and phenoselenazine derivatives as potential multi-targeting agents to treat Alzheimer's disease. 2015 , 6, 1930-1941	27
212	Oxidation as an important factor of protein damage: Implications for Maillard reaction. 2015 , 40, 419-39	27
211	New tetracyclic tacrine analogs containing pyrano[2,3-c]pyrazole: efficient synthesis, biological assessment and docking simulation study. 2015 , 89, 296-303	56

210	NEUROPROTECTIVE ACTIVITY OF NOVEL CUR-CA-THIONE AND ITS OXIDATIVE STRESS STUDY. 2016 , 8, 167		3
209	Curcumin and Resveratrol in the Management of Cognitive Disorders: What is the Clinical Evidence?. <i>Molecules</i> , 2016 , 21,	4.8	59
208	Vitamin E, Turmeric and Saffron in Treatment of Alzheimer's Disease. <i>Antioxidants</i> , 2016 , 5,	7.1	22
207	Neuroprotective Effects of Engineered Polymeric Nasal Microspheres Containing Hydroxypropyl- β -cyclodextrin on β Amyloid (1-42)-Induced Toxicity. 2016 , 105, 2372-80		20
206	Design, Synthesis and in vitro Evaluation of Indolotacrine Analogues as Multitarget-Directed Ligands for the Treatment of Alzheimer's Disease. 2016 , 11, 1264-9		25
205	Handbook of Gerontology Research Methods. 2016 ,		0
204	Design, synthesis and biological evaluation of N-methyl-N-[(1,2,3-triazol-4-yl)alkyl]propargylamines as novel monoamine oxidase B inhibitors. 2016 , 24, 4835-4854		16
203	Inhibition of amyloid fibril formation and cytotoxicity by caffeic acid-conjugated amyloid- β C-terminal peptides. 2016 , 26, 5468-5471		10
202	Synthesis of new donepezil analogues and investigation of their effects on cholinesterase enzymes. 2016 , 124, 1026-1040		65
201	Design and synthesis of novel anti-Alzheimer's agents: Acridine-chromenone and quinoline-chromenone hybrids. 2016 , 67, 84-94		47
200	Possible neuroprotective mechanisms of clove oil against icv-colchicine induced cognitive dysfunction. 2016 , 68, 764-72		17
199	Donepezil-like multifunctional agents: Design, synthesis, molecular modeling and biological evaluation. 2016 , 121, 864-879		65
198	Potential oxidative stress biomarkers of mild cognitive impairment due to Alzheimer disease. 2017 , 373, 295-302		56
197	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. 2017 , 128, 237-246		29
196	Plasma protein profiling for potential biomarkers in the early diagnosis of Alzheimer's disease. 2017 , 39, 231-238		56
195	3,4-Dihydroquinazoline derivatives inhibit the activities of cholinesterase enzymes. 2017 , 27, 1179-1185		11
194	Biophenols pharmacology against the amyloidogenic activity in Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 396-413	7.5	29
193	Effects of breviscapine on amyloid beta 1-42 induced Alzheimer's disease mice: A HPLC-QTOF-MS based plasma metabolomics study. 2017 , 1057, 92-100		10

192	Deficiency of TYROBP, an adapter protein for TREM2 and CR3 receptors, is neuroprotective in a mouse model of early Alzheimer's pathology. 2017 , 134, 769-788	55
191	Potential anti-cholinesterase and β site amyloid precursor protein cleaving enzyme 1 inhibitory activities of cornuside and gallotannins from <i>Cornus officinalis</i> fruits. 2017 , 40, 836-853	26
190	Oxidative Stress: Love and Hate History in Central Nervous System. 2017 , 108, 1-31	37
189	Discovery and LC-MS Characterization of New Crocins in <i>Gardeniae Fructus</i> and Their Neuroprotective Potential. 2017 , 65, 2936-2946	30
188	High mobility group box 1 in diabetic nephropathy. 2017 , 14, 2431-2433	6
187	A unique and promising combination of medications for the treatment of Alzheimer's disease. 2017 , 109, 53-55	4
186	Dual/multitargeted xanthone derivatives for Alzheimer's disease: where do we stand?. 2017 , 9, 1611-1630	21
185	Royal jelly decreases corticosterone levels and improves the brain antioxidant system in restraint and cold stressed rats. 2017 , 655, 179-185	25
184	Protective effects of <i>Stachys sieboldii</i> MIQ extract in SK-N-SH cells and its memory ameliorative effect in mice. 2017 , 41, e12411	5
183	PSEN1 Mutant iPSC-Derived Model Reveals Severe Astrocyte Pathology in Alzheimer's Disease. 2017 , 9, 1885-1897	154
182	Curcumin attenuates paraquat-induced cell death in human neuroblastoma cells through modulating oxidative stress and autophagy. 2017 , 636, 40-47	53
181	Methodological approaches and insights on protein aggregation in biological systems. 2017 , 14, 55-68	2
180	Synthesis and evaluation of 7-substituted coumarin derivatives as multimodal monoamine oxidase-B and cholinesterase inhibitors for the treatment of Alzheimer's disease. 2017 , 125, 853-864	77
179	Design, synthesis, in-silico and biological evaluation of novel donepezil derivatives as multi-target-directed ligands for the treatment of Alzheimer's disease. 2017 , 125, 736-750	65
178	Design, Synthesis, and Biological Evaluation of a New Series of Biphenyl/Bibenzyl Derivatives Functioning as Dual Inhibitors of Acetylcholinesterase and Butyrylcholinesterase. <i>Molecules</i> , 2017 , 22,	4.8 6
177	Xanthone and Flavone Derivatives as Dual Agents with Acetylcholinesterase Inhibition and Antioxidant Activity as Potential Anti-Alzheimer Agents. 2017 , 2017, 1-16	25
176	11 β HSD1 Inhibition by RL-118 Promotes Autophagy and Correlates with Reduced Oxidative Stress and Inflammation, Enhancing Cognitive Performance in SAMP8 Mouse Model. 2018 , 55, 8904-8915	16
175	Emerging Roles of Sirtuin 6 in Alzheimer's Disease. 2018 , 64, 157-161	19

174	Novel 2-phenylbenzofuran derivatives as selective butyrylcholinesterase inhibitors for Alzheimer's disease. 2018 , 8, 4424		51
173	Hybrid Multifunctional Modulators Inhibit Multifaceted A β Toxicity and Prevent Mitochondrial Damage. 2018 , 9, 1432-1440		35
172	Évaluation des effets anxiolytiques, antidépresseurs et mnésiques de l'huile des graines de la nigelle chez le rat. 2018 , 16, 5-13		1
171	Resveratrol activation of AMPK-dependent pathways is neuroprotective in human neural stem cells against amyloid-beta-induced inflammation and oxidative stress. 2018 , 115, 1-10		64
170	The Magic of Crystal Structure-Based Inhibitor Optimization: Development of a Butyrylcholinesterase Inhibitor with Picomolar Affinity and in Vivo Activity. 2018 , 61, 119-139		70
169	Evaluation of 2-amino-6-nitrobenzothiazole derived hydrazones as acetylcholinesterase inhibitors: in vitro assays, molecular docking and theoretical ADMET prediction. 2018 , 27, 709-725		6
168	Neuroprotective effect of hesperetin and nano-hesperetin on recognition memory impairment and the elevated oxygen stress in rat model of Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 1096-1101	7.5	60
167	<i>Lactuca capensis</i> reverses memory deficits in A β -42-induced animal model of Alzheimer's disease. 2018 , 22, 111-122		24
166	Comparison of scopolamine-induced cognitive impairment responses in three different ICR stocks. 2018 , 34, 317-328		6
165	Positive Feedback Loops in Alzheimer's Disease: The Alzheimer's Feedback Hypothesis. <i>Journal of Alzheimer's Disease</i> , 2018 , 66, 25-36	4.3	14
164	Postprandial Hyperglycemia Is Associated With White Matter Hyperintensity and Brain Atrophy in Older Patients With Type 2 Diabetes Mellitus. 2018 , 10, 273		11
163	Brain Endothelial Erythrophagocytosis and Hemoglobin Transmigration Across Brain Endothelium: Implications for Pathogenesis of Cerebral Microbleeds. 2018 , 12, 279		12
162	Dehydroepiandrosterone (DHEA) and DHEA Sulfate: Roles in Brain Function and Disease. 2018 ,		1
161	Mitigation of stress from gastric mucosal injuries by mulberry extract may occur via nitric oxide synthase signaling in mice. 2018 , 54, 59-64		10
160	Colocalization of Aluminum and Iron in Nuclei of Nerve Cells in Brains of Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 1267-1281	4.3	11
159	The phosphodiesterase 5 inhibitor, KJH-1002, reverses a mouse model of amnesia by activating a cGMP/cAMP response element binding protein pathway and decreasing oxidative damage. 2018 , 175, 3347-3360		12
158	Plasma lipid peroxidation biomarkers for early and non-invasive Alzheimer Disease detection. 2018 , 124, 388-394		36
157	The link of organophosphorus pesticides with neurodegenerative and neurodevelopmental diseases based on evidence and mechanisms. 2018 , 409, 44-52		55

156	Use of Curcumin, a Natural Polyphenol for Targeting Molecular Pathways in Treating Age-Related Neurodegenerative Diseases. 2018 , 19,	99
155	Butterbur Leaves Attenuate Memory Impairment and Neuronal Cell Damage in Amyloid Beta-Induced Alzheimer's Disease Models. 2018 , 19,	8
154	Multi-target-directed ligands for treating Alzheimer's disease: Butyrylcholinesterase inhibitors displaying antioxidant and neuroprotective activities. 2018 , 156, 598-617	51
153	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid β peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice. 2018 , 126, 221-234	18
152	Yacon leaf extract supplementation demonstrates neuroprotective effect against memory deficit related to β amyloid-induced neurotoxicity. 2018 , 48, 665-675	4
151	pigment rubropunctatin derivative FZU-H reduces A β (1-42)-induced neurotoxicity in Neuro-2A cells. 2018 , 8, 17389-17398	0
150	Arsenic Exposure Contributes to the Bioenergetic Damage in an Alzheimer's Disease Model. 2019 , 10, 323-336	25
149	Alzheimer's disease-like pathology-triggered oxidative stress, alterations in monoamines levels, and structural damage of locus coeruleus neurons are partially recovered by a mix of proteoglycans of embryonic genesis. 2019 , 131, 104531	7
148	Neuroprotective and Antioxidant Effect of Ginkgo biloba Extract Against AD and Other Neurological Disorders. 2019 , 16, 666-674	88
147	Theories of Aging and the Prevalence of Alzheimer's Disease. 2019 , 2019, 9171424	37
146	Comprehensive determination of seven polyphenols in <i>Eucommia ulmoides</i> and its anti-oxidative stress activity in <i>C. elegans</i> . 2019 , 13, 2903-2909	2
145	Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. 2019 ,	0
144	Effects of the Novel IDO Inhibitor DWG-1036 on the Behavior of Male and Female 3xTg-AD Mice. 2019 , 10, 1044	14
143	Potential for therapeutic use of hydrogen sulfide in oxidative stress-induced neurodegenerative diseases. 2019 , 16, 1386-1396	41
142	Meta-Analysis of Gene Expression Changes in the Blood of Patients with Mild Cognitive Impairment and Alzheimer's Disease Dementia. 2019 , 20,	15
141	Brilliant blue G protects against brain and liver tissue damage during systemic endotoxemia in rats treated with lipopolysaccharide. 2019 , 28, 1331-1344	
140	Traditional Oriental Medicines and Alzheimer's Disease. 2019 , 10, 307-328	14
139	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide-N-morpholine Hybrids as New Anti-Alzheimer Agents. 2019 , 16, e1900144	15

138	A multifunctional therapeutic approach: Synthesis, biological evaluation, crystal structure and molecular docking of diversified 1H-pyrazolo[3,4-b]pyridine derivatives against Alzheimer's disease. 2019 , 175, 2-19	30
137	Urate and risk of Alzheimer's disease and vascular dementia: A population-based study. 2019 , 15, 754-763	21
136	Natural product coumarins: biological and pharmacological perspectives. 2019 , 74, 863-888	29
135	Prolong treatment with Trans-ferulic acid mitigates bioenergetics loss and restores mitochondrial dynamics in streptozotocin-induced sporadic dementia of Alzheimer's type. 2019 , 73, 246-257	14
134	Protective effect of daidzein against streptozotocin-induced Alzheimer's disease via improving cognitive dysfunction and oxidative stress in rat model. 2019 , 33, e22319	22
133	Association of Glucose Fluctuations with Sarcopenia in Older Adults with Type 2 Diabetes Mellitus. 2019 , 8,	24
132	Docosahexaenoic Acid Increases the Potency of Soluble Epoxide Hydrolase Inhibitor in Alleviating Streptozotocin-Induced Alzheimer's Disease-Like Complications of Diabetes. 2019 , 10, 288	14
131	Icariin and Its Metabolites as Potential Protective Phytochemicals Against Alzheimer's Disease. 2019 , 10, 271	36
130	Artemisia amygdalina Upregulates Nrf2 and Protects Neurons Against Oxidative Stress in Alzheimer Disease. 2019 , 39, 387-399	13
129	P.768 Does the Camellia sinensis plant have an therapeutic effect on cognitive deficits in diabetes-induced Alzheimer?. 2019 , 29, S516-S517	
128	P.770 Effects of an antioxidant-enriched-diet on behaviour, immunity and longevity of female and male transgenic-mice for Alzheimer's disease, preliminary study. 2019 , 29, S517-S518	
127	Improves Memory and Promotes Antioxidative Signaling in 5XFAD Mice. <i>Antioxidants</i> , 2019 , 8,	7.1 22
126	Xeroderma Pigmentosum and Related Diseases. 2019 , 1743-1768	
125	G82S polymorphism of receptor for advanced glycation end products gene and serum soluble RAGE levels in mild cognitive impairment and dementia of Alzheimer's type patients in Turkish population. 2019 , 59, 197-201	5
124	Glutamine protects against oxidative stress injury through inhibiting the activation of PI3K/Akt signaling pathway in parkinsonian cell model. 2019 , 24, 4	16
123	Attenuation of hydrogen peroxide-induced oxidative stress in SH-SY5Y cells by three flavonoids from Acer okamotoanum. 2019 , 73, 1135-1144	8
122	Biochemical deficits and cognitive decline in brain aging: Intervention by dietary supplements. 2019 , 95, 70-80	25
121	NF-E2-related factor 2 activation boosts antioxidant defenses and ameliorates inflammatory and amyloid properties in human Presenilin-1 mutated Alzheimer's disease astrocytes. 2020 , 68, 589-599	13

120	Aminoalcoholate-driven tetracopper(II) cores as dual acetyl and butyrylcholinesterase inhibitors: Experimental and theoretical elucidation of mechanism of action. 2020 , 205, 110990		4
119	Design, synthesis and anti-Alzheimer's disease activity study of xanthone derivatives based on multi-target strategy. 2020 , 30, 126927		25
118	Changes in anticholinesterase, antioxidant activities and related bioactive compounds of carob pulp (<i>Ceratonia siliqua</i> L.) during ripening stages. 2020 , 14, 937-945		8
117	Impact of Cerebral Radiofrequency Exposures on Oxidative Stress and Corticosterone in a Rat Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 467-476	4-3	6
116	Neuroprotective Effects of Apocynin and Galantamine During the Chronic Administration of Scopolamine in an Alzheimer's Disease Model. 2020 , 70, 180-193		13
115	Oxidative stress in alzheimer's disease: A review on emergent natural polyphenolic therapeutics. 2020 , 49, 102294		53
114	Heavy Metals Exposure and Alzheimer's Disease and Related Dementias. <i>Journal of Alzheimer's Disease</i> , 2020 , 76, 1215-1242	4-3	42
113	Structure-Based Scaffold Repurposing toward the Discovery of Novel Cholinesterase Inhibitors. 2020 , 5, 30971-30979		3
112	Alzheimer's Disease. 2020 , 1090-1099.e3		
111	Neuroblastoma and oxidative stress: From pathogenesis to in vitro models of neurodegeneration. 2020 , 67-79		
110	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimer's Disease. <i>Cells</i> , 2020 , 9,	7-9	14
109	Oxiracetam Offers Neuroprotection by Reducing Amyloid Induced Microglial Activation and Inflammation in Alzheimer's Disease. 2020 , 11, 623		3
108	Discovery of 9-phenylacridinediones as highly selective butyrylcholinesterase inhibitors through structure-based virtual screening. 2020 , 30, 127075		9
107	Acetylene Group, Friend or Foe in Medicinal Chemistry. 2020 , 63, 5625-5663		43
106	Oxidative stress-induced retinal damage is prevented by mild hypothermia in an ex vivo model of cultivated porcine retinas. 2020 , 48, 666-681		3
105	The Role of Dietary Antioxidants in the Pathogenesis of Neurodegenerative Diseases and Their Impact on Cerebral Oxidoreductive Balance. 2020 , 12,		13
104	A multitude of signaling pathways associated with Alzheimer's disease and their roles in AD pathogenesis and therapy. 2021 , 41, 2689-2745		3
103	Cholinesterase inhibitory activity, antioxidant properties, and phytochemical composition of <i>Chlorococcum</i> sp. extracts. 2021 , 45, e13395		5

102	Role of mitochondrial dysfunction, oxidative stress and autophagy in progression of Alzheimer's disease. 2021 , 421, 117253			32
101	Ginkgo biloba. 2021 , 199-215			
100	Novel BuChE-IDO1 inhibitors from sertaconazole: Virtual screening, chemical optimization and molecular modeling studies. 2021 , 34, 127756			2
99	(()-4-(((2-Amino-5-phenylpyridin-3-yl)imino)methyl)pyridin-2-yl)cyclopropanecarboxamide) Ameliorated A β Induced Alzheimer's Disease in SD Rats by Inhibiting Oxidative Stress and Apoptosis. 2021 , 12, 640-650			0
98	Disulfide-rich, cyclic peptides from Clitoria ternatea protect against A β amyloid toxicity and oxidative stress in transgenic Caenorhabditis elegans.			
97	Preservation of dendritic spine morphology and postsynaptic signaling markers after treatment with solid lipid curcumin particles in the 5xFAD mouse model of Alzheimer's amyloidosis. 2021 , 13, 37			9
96	Reduced Retinal Degeneration in an Oxidative Stress Organ Culture Model through an iNOS-Inhibitor. 2021 , 10,			1
95	Beneficial Role of Extracts and Phytochemicals on Oxidative Stress and Related Diseases: A Mini Review. 2021 , 10,			9
94	Inflammaging: inflammation and oxidative stress as a cause of aging and cognitive decline. 2021 , 48-58			
93	Novel 2,5-Diarylcyclopentenone Derivatives from the Wild Edible Mushroom and Their Antioxidant Activities. 2021 , 69, 5040-5048			6
92	A review on ferulic acid and analogs based scaffolds for the management of Alzheimer's disease. 2021 , 215, 113278			19
91	Disulfide-Rich Cyclic Peptides from Protect against A β amyloid Toxicity and Oxidative Stress in Transgenic. 2021 , 64, 7422-7433			3
90	Phenolic profile, antioxidant and cholinesterase inhibitory activities of four Trametes species: T. bicolor, T. pubescens, T. suaveolens, and T. versicolor. 2021 , 15, 4608-4616			0
89	The Influence of Serum Uric Acid Level on Alzheimer's Disease: A Narrative Review. 2021 , 2021, 5525710			3
88	Antioxidant activities of inula viscosa extract and curcumin on U87 cells induced by beta-amyloid. 2021 , 46, 583-588			0
87	Glutathione Participation in the Prevention of Cardiovascular Diseases. <i>Antioxidants</i> , 2021 , 10,	7.1		16
86	Linking Oxidative Stress and Proteinopathy in Alzheimer's Disease. <i>Antioxidants</i> , 2021 , 10,	7.1		11
85	Bio-Guided Fractionation of Stem Bark Extracts from : Identification of Phytocomponents with Anti-Cholinesterase Activity. <i>Molecules</i> , 2021 , 26,	4.8		0

84	GSK-3 β FYN, and DYRK1A: Master Regulators in Neurodegenerative Pathways. 2021 , 22,		16
83	The PI3K/Akt signaling axis in Alzheimer's disease: a valuable target to stimulate or suppress?. 2021 , 26, 871-887		11
82	Metal Ions-Mediated Oxidative Stress in Alzheimer's Disease and Chelation Therapy.		0
81	Tau Protein Interaction Partners and Their Roles in Alzheimer's Disease and Other Tauopathies. 2021 , 22,		7
80	Hydrolysable Tannins Exhibit Acetylcholinesterase Inhibitory and Anti-Glycation Activities In Vitro and Learning and Memory Function Improvements in Scopolamine-Induced Amnesiac Mice. <i>Biomedicines</i> , 2021 , 9,	4.8	0
79	Further SAR studies on natural template based neuroprotective molecules for the treatment of Alzheimer's disease. 2021 , 46, 116385		0
78	New Galantamine Derivatives with Inhibitory Effect on Acetylcholinesterase Activity. <i>Journal of Alzheimer's Disease</i> , 2021 , 83, 1211-1220	4.3	4
77	Antidepressants in Alzheimer's Disease: A Focus on the Role of Mirtazapine. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
76	Novel Trends in Electrochemical Biosensors for Early Diagnosis of Alzheimer's Disease. 2021 , 2021, 9984876		0
75	Oxidative Stress in Alzheimer's Disease: Molecular Hallmarks of Underlying Vulnerability. 2019 , 91-115		19
74	Serum uric acid levels in patients with Alzheimer's disease: a meta-analysis. 2014 , 9, e94084		34
73	Donepezil: A review of the recent structural modifications and their impact on anti-Alzheimer activity. 56,		3
72	Role of Oxidative Stress and Metal Toxicity in the Progression of Alzheimer's Disease. 2020 , 18, 552-562		20
71	A new direction for Alzheimer's research. 2018 , 13, 190-193		15
70	Analyzing Nootropic Effect of <i>Phyllanthus reticulatus</i> Poir. on Cognitive Functions, Brain Antioxidant Enzymes and Acetylcholinesterase Activity against Aluminium-Induced Alzheimer's Model in Rats: Applicable for Controlling the Risk Factors of Alzheimer's Disease. 2016 , 05, 87-102		12
69	Precautionary Ellagic Acid Treatment Ameliorates Chronically Administered Scopolamine Induced Alzheimer's Type Memory and Cognitive Dysfunctions in Rats. 2015 , 6, 192-212		2
68	Extracellular-Signal-Regulated Kinase Inhibition Switches APP Processing from β to β Secretase under Oxidative Stress: Modulation of ADAM10 by SIRT1/NF- κ B Signaling. 2021 , 12, 4175-4186		2
67	The Potential Role of Cytokines and Growth Factors in the Pathogenesis of Alzheimer's Disease. <i>Cells</i> , 2021 , 10,	7.9	2

66 Alzheimer's Disease. **2013**, 1189-1199

65 A study of the effect of curcumin on plasma free radicals in cirrhotic rats using Bile Duct Ligation (BDL). **2015**, 4,

64 The Anaphase Promoting Complex/Cyclosome (APC/C): A Versatile E3 Ubiquitin Ligase. **2019**, 93, 539-623 1

63 Design, Synthesis and Biological Evaluation of New Cycloalkyl Fused Quinolines Tethered to Isatin Schiff Bases as Cholinesterase Inhibitors. *Combinatorial Chemistry and High Throughput Screening*, **2020**, 1.3

62 Metabolic derangements mediate cognitive impairment and Alzheimer's disease: role of peripheral insulin-resistance diseases. *Panminerva Medica*, **2012**, 54, 171-8 2 30

61 Neuropharmacological effects of Nigella sativa. *Avicenna Journal of Phytomedicine*, **2016**, 6, 104-16 1.4 24

60 Altered plasma marker of oxidative DNA damage and total antioxidant capacity in patients with Alzheimer's disease. *Caspian Journal of Internal Medicine*, **2016**, 7, 88-92 1 21

59 Subcutaneous liraglutide ameliorates methylglyoxal-induced Alzheimer-like tau pathology and cognitive impairment by modulating tau hyperphosphorylation and glycogen synthase kinase-3β *American Journal of Translational Research (discontinued)*, **2017**, 9, 247-260 3 18

58 A comprehensive review on medicinal herbs and novel formulations for the prevention of Alzheimer's disease. *Current Drug Delivery*, **2021**, 3.2 1

57 RALBP1 in Oxidative Stress and Mitochondrial Dysfunction in Alzheimer's Disease. *Cells*, **2021**, 10, 7.9 2

56 Posttranscriptional Regulation of Nrf2 Through miRNAs and their Role in Alzheimer's Disease. *Pharmacological Research*, **2021**, 175, 106018 10.2 2

55 Vitisin A, a Resveratrol Tetramer, Improves Scopolamine-Induced Impaired Learning and Memory Functions in Amnesiac ICR Mice.. *Biomedicines*, **2022**, 10, 4.8 0

54 A Synopsis of Multitarget Potential Therapeutic Effects of Huperzine A in Diverse Pathologies-Emphasis on Alzheimer's Disease Pathogenesis.. *Neurochemical Research*, **2022**, 47, 1166 4.6 0

53 Human Brain Lipidomics: Pilot Analysis of the Basal Ganglia Sphingolipidome in Parkinson's Disease and Lewy Body Disease.. *Metabolites*, **2022**, 12, 5.6 1

52 The Impact of the hAPP695SW Transgene and Associated Amyloid-β Accumulation on Murine Hippocampal Biochemical Pathways.. *Journal of Alzheimer's Disease*, **2021**, 4.3 0

51 Dietary Polyphenols as Therapeutic Intervention for Alzheimer's Disease: A Mechanistic Insight.. *Antioxidants*, **2022**, 11, 7.1 3

50 Design, Synthesis, and Evaluation of Novel 2-Benzo[b][1,4]thiazin-3(4)-one Derivatives as New Acetylcholinesterase Inhibitors.. *Molecules*, **2022**, 27, 4.8 1

49 Oxidative Stress: A Putative Link Between Lower Urinary Tract Symptoms and Aging and Major Chronic Diseases.. *Frontiers in Medicine*, **2022**, 9, 812967 4.9 0

48	Combined Effect of Co-administration of Stromal Cell-Derived Factor-1 and Granulocyte-Colony Stimulating Factor on Model of Alzheimer's Disease.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 796235	3.5	0
47	Oxidation, Glycation, and Carbamylation of Salivary Biomolecules in Healthy Children, Adults, and the Elderly: Can Saliva Be Used in the Assessment of Aging?. <i>Journal of Inflammation Research</i> , 2022 , 15, 2051-2073	4.8	1
46	Parkin as a Molecular Bridge Linking Alzheimer's and Parkinson's Diseases?. <i>Biomolecules</i> , 2022 , 12,	5.9	
45	Therapeutic effects of crude extracts of on beta-amyloid 1-42-induced Alzheimer's disease via suppression of dyslipidemia, systemic inflammation and oxidative stress in male Wistar Rats.. <i>Heliyon</i> , 2022 , 8, e09255	3.6	
44	Crude Saponin from Attenuates A β -Induced Neurotoxicity via Antioxidant, Anti-Inflammatory and Anti-Apoptotic Signaling Pathways.. <i>Antioxidants</i> , 2021 , 10,	7.1	0
43	STAT3 inhibitor mitigates cerebral amyloid angiopathy and parenchymal amyloid plaques while improving cognitive functions and brain networks.. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 19373	7.3	3
42	Natural Polysaccharides as Preventive and Therapeutic Horizon for Neurodegenerative Diseases.. <i>Pharmaceutics</i> , 2021 , 14,	6.4	9
41	Blood-Based Biomarkers for Alzheimer's Disease Diagnosis and Progression: An Overview.. <i>Cells</i> , 2022 , 11,	7.9	0
40	Video_1.AVI. 2018 ,		
39	Data_Sheet_1.DOCX. 2020 ,		
38	Pharmacological mechanism of xanthoangelol underlying Nrf-2/TRPV1 and anti-apoptotic pathway against scopolamine-induced amnesia in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 113073	7.5	0
37	nAChR activation protects against oxidative stress, neuroinflammation and central insulin resistance in ICV-STZ induced sporadic Alzheimer's disease.. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 217, 173402	3.9	1
36	Investigation Covering the Effect of Boron plus Taurine Application on Protein Carbonyl and Advanced Oxidation Protein Products Levels in Experimental Alzheimer Model. <i>Biological Trace Element Research</i> ,	4.5	0
35	Mass Spectrometry-Based Analysis of Lipid Involvement in Alzheimer's Disease Pathology: A Review. <i>Metabolites</i> , 2022 , 12, 510	5.6	
34	Longitudinal Consumption of Ergothioneine Reduces Oxidative Stress and Amyloid Plaques and Restores Glucose Metabolism in the 5XFAD Mouse Model of Alzheimer's Disease. <i>Pharmaceutics</i> , 2022 , 15, 742	5.2	3
33	The Role of Bioenergetics in Neurodegeneration. 2022 , 23, 9212		2
32	Role of aging in Blood-Brain Barrier dysfunction and susceptibility to SARS-CoV-2 infection: impacts on neurological symptoms of COVID-19. 2022 , 19,		1
31	The role of oxidative stress in the development of Alzheimer's disease. 2022 , 14, 68-74		

30	Glycation-induced age-related illnesses, antiglycation and drug delivery strategies.	0
29	The promising role of natural products in Alzheimer's disease. 2022 , 7, 100049	1
28	Synthesis and biological evaluation of benzimidazoles/1,3,5-triazine-2,4-diamine hybrid compounds: a new class of multifunctional alzheimer targeting agents. 2022 , 46, 15567-15584	0
27	Misfolded protein oligomers induce an increase of intracellular Ca ²⁺ causing an escalation of reactive oxidative species. 2022 , 79,	1
26	Pinus halepensis Essential Oil Ameliorates A β -42-Induced Brain Injury by Diminishing Anxiety, Oxidative Stress, and Neuroinflammation in Rats. 2022 , 10, 2300	0
25	Somatic Mutations and Alzheimer's Disease. 2022 , 1-18	0
24	Vitamin D3 supplementation ameliorates cognitive impairment and alters neurodegenerative and inflammatory markers in scopolamine induced rat model.	1
23	Identifying the role of co-aggregation of Alzheimer's amyloid- β with amorphous protein aggregates of non-amyloid proteins. 2022 , 3, 101028	0
22	Effect of long-term cannabidiol on learning and anxiety in a female Alzheimer's disease mouse model. 13,	0
21	Advances Research in Traumatic Encephalopathy. 2022 , 10, 2287	0
20	Understanding the role of glycation in the pathology of various non-communicable diseases along with novel therapeutic strategies.	0
19	Quercetin Nanoemulsion Ameliorates Neuronal Dysfunction in Experimental Alzheimer's Disease Model. 2022 , 11, 1986	0
18	In Vitro and In Vivo Neuroprotective Effects of Sarcosine. 2022 , 2022, 1-11	0
17	Neuroprotective effect of naringin against cerebellar changes in Alzheimer's disease through modulation of autophagy, oxidative stress and tau expression: An experimental study. 16,	0
16	Amyloid Beta in Aging and Alzheimer's Disease. 2022 , 23, 12924	5
15	Astrocytes as a Therapeutic Target in Alzheimer's Disease Comprehensive Review and Recent Developments. 2022 , 23, 13630	1
14	Potential therapeutic use of plant flavonoids in AD and PD. 2022 , 8, e11440	3
13	Vitamin C supplementation for diabetes management: A comprehensive narrative review. 2023 , 194, 255-283	0

- 12 Therapeutic Potential of Extracellular Vesicles in Aging and Age-Related Diseases. **2022**, 23, 14632 1
- 11 Straightforward Access to a New Class of Dual DYRK1A/CLK1 Inhibitors Possessing a Simple Dihydroquinoline Core. **2023**, 28, 36 0
- 10 The Neuroprotective Effects and Therapeutic Potential of the Chalcone Cardamonin for Alzheimer's Disease. **2023**, 13, 145 0
- 9 Insights from a Bibliometrics-Based Analysis of Publishing and Research Trends on Cerium Oxide from 1990 to 2020. **2023**, 24, 2048 0
- 8 Repurposing of Minocycline, a Tetracycline Antibiotic, for Neurodegenerative Disorders. **2023**, 615-654 0
- 7 The therapeutic potential of carnosine: Focus on cellular and molecular mechanisms. **2023**, 4, 100153 1
- 6 Pesticide Exposure and Alzheimer's Disease: A Case-control Study. **2022**, 19, 892-903 0
- 5 Combined scRNAseq and Bulk RNAseq Analysis to Reveal the Dual Roles of Oxidative Stress-Related Genes in Acute Myeloid Leukemia. **2023**, 2023, 1-20 0
- 4 Lactobacillaceae improve cognitive dysfunction via regulating gut microbiota and suppressing A β deposits and neuroinflammation in APP/PS1 mice. **2023**, 205, 0
- 3 Epigenetic regulons in Alzheimer's disease. **2023**, 0
- 2 Recent Development in the Understanding of Molecular and Cellular Mechanisms Underlying the Etiopathogenesis of Alzheimer's Disease. **2023**, 24, 7258 0
- 1 Investigation into Anti-Alzheimer Activity of Newly Developed Phthalimide Derivatives in Experimental Animals. 0