

CITATION REPORT

List of articles citing

Mitochondria-targeted antioxidants protect against amyloid-beta toxicity in Alzheimer's disease neurons

DOI: 10.3233/jad-2010-100564

Journal of Alzheimer's Disease, 2010, 20 Suppl 2, S609-31.

Source: <https://exaly.com/paper-pdf/49670192/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
359	Amyloid-beta and mitochondria in aging and Alzheimer's disease: implications for synaptic damage and cognitive decline. <i>Journal of Alzheimers Disease</i> , 2010 , 20 Suppl 2, S499-512	4.3	175
358	Impaired mitochondrial biogenesis, defective axonal transport of mitochondria, abnormal mitochondrial dynamics and synaptic degeneration in a mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2011 , 20, 4515-29	5.6	416
357	Dynamin-related protein 1 and mitochondrial fragmentation in neurodegenerative diseases. 2011 , 67, 103-18		252
356	Mitochondrial Dysfunction and Oxidative Stress in Asthma: Implications for Mitochondria-Targeted Antioxidant Therapeutics. 2011 , 4, 429-456		81
355	The mitochondria-targeted antioxidant MitoQ prevents loss of spatial memory retention and early neuropathology in a transgenic mouse model of Alzheimer's disease. 2011 , 31, 15703-15		278
354	Amyloid beta impairs mitochondrial anterograde transport and degenerates synapses in Alzheimer's disease neurons. 2011 , 1812, 507-13		166
353	Assessment of newly synthesized mitochondrial DNA using BrdU labeling in primary neurons from Alzheimer's disease mice: Implications for impaired mitochondrial biogenesis and synaptic damage. 2011 , 1812, 1182-9		40
352	Aging and amyloid beta-induced oxidative DNA damage and mitochondrial dysfunction in Alzheimer's disease: implications for early intervention and therapeutics. 2011 , 1812, 1359-70		193
351	Protective efficacy of mitochondrial targeted antioxidant MitoQ against dichlorvos induced oxidative stress and cell death in rat brain. 2011 , 61, 1193-201		60
350	Mitochondria, Amyloid β and Alzheimer's Disease. 2011 , 2011, 104545		39
349	Melatonin in mitochondrial dysfunction and related disorders. 2011 , 2011, 326320		46
348	Toxicity of neurons treated with herbicides and neuroprotection by mitochondria-targeted antioxidant SS31. 2011 , 8, 203-21		29
347	Resveratrol acts not through anti-aggregative pathways but mainly via its scavenging properties against A β and A β metal complexes toxicity. <i>PLoS ONE</i> , 2011 , 6, e21565	3.7	58
346	Bibliography. Neonatology and perinatology. Current world literature. 2011 , 23, 253-7		
345	Redox modulation by S-nitrosylation contributes to protein misfolding, mitochondrial dynamics, and neuronal synaptic damage in neurodegenerative diseases. 2011 , 18, 1478-86		165
344	Neuroprotective strategies involving ROS in Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1014-26	7.8	272
343	Mitochondrial division: molecular machinery and physiological functions. 2011 , 23, 427-34		80

342	Novel therapies targeting inner mitochondrial membrane--from discovery to clinical development. 2011 , 28, 2669-79		115
341	Effect of β -amyloid (25-35) on mitochondrial function and expression of mitochondrial permeability transition pore proteins in rat hippocampal neurons. 2011 , 112, 1450-7		26
340	Principles and therapeutic relevance for targeting mitochondria in aging and neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2011 , 17, 2036-55	3.3	32
339	Mitochondria as a therapeutic target for aging and neurodegenerative diseases. <i>Current Alzheimer Research</i> , 2011 , 8, 393-409	3	158
338	Targeting mitochondrial dysfunction and neurodegeneration by means of coenzyme Q10 and its analogues. 2011 , 18, 4053-64		56
337	Mitochondria sentencing about cellular life and death: a matter of oxidative stress. <i>Current Pharmaceutical Design</i> , 2011 , 17, 4047-60	3.3	47
336	Abnormal mitochondrial dynamics, mitochondrial loss and mutant huntingtin oligomers in Huntington's disease: implications for selective neuronal damage. <i>Human Molecular Genetics</i> , 2011 , 20, 1438-55	5.6	273
335	Impaired mitochondrial dynamics and abnormal interaction of amyloid beta with mitochondrial protein Drp1 in neurons from patients with Alzheimer's disease: implications for neuronal damage. <i>Human Molecular Genetics</i> , 2011 , 20, 2495-509	5.6	508
334	Neuroprotective effects of anthocyanins on apoptosis induced by mitochondrial oxidative stress. 2011 , 14, 249-59		48
333	Specific inhibition of mitochondrial oxidative stress suppresses inflammation and improves cardiac function in a rat pneumonia-related sepsis model. 2012 , 302, H1847-59		66
332	Mitochondria-targeted catalase reduces abnormal APP processing, amyloid β production and BACE1 in a mouse model of Alzheimer's disease: implications for neuroprotection and lifespan extension. <i>Human Molecular Genetics</i> , 2012 , 21, 2973-90	5.6	126
331	Brain rust: recent discoveries on the role of oxidative stress in neurodegenerative diseases. 2012 , 15, 94-102		21
330	Mutant huntingtin's interaction with mitochondrial protein Drp1 impairs mitochondrial biogenesis and causes defective axonal transport and synaptic degeneration in Huntington's disease. <i>Human Molecular Genetics</i> , 2012 , 21, 406-20	5.6	247
329	Oxidative stress modulates mitochondrial failure and cyclophilin D function in X-linked adrenoleukodystrophy. 2012 , 135, 3584-98		62
328	Abnormal interaction between the mitochondrial fission protein Drp1 and hyperphosphorylated tau in Alzheimer's disease neurons: implications for mitochondrial dysfunction and neuronal damage. <i>Human Molecular Genetics</i> , 2012 , 21, 2538-47	5.6	249
327	Abnormal interaction of VDAC1 with amyloid beta and phosphorylated tau causes mitochondrial dysfunction in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2012 , 21, 5131-46	5.6	182
326	Resveratrol, a neuroprotective supplement for Alzheimer's disease. <i>Current Pharmaceutical Design</i> , 2012 , 18, 27-33	3.3	162
325	The bad, the good, and the ugly about oxidative stress. 2012 , 2012, 163913		52

324	Mitochondria-targeted antioxidant attenuates high glucose-induced P38 MAPK pathway activation in human neuroblastoma cells. 2012 , 5, 929-34		29
323	Mitochondrial morphology-emerging role in bioenergetics. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 2218-28	7.8	86
322	Stereoselective synthesis of hydroxy stilbenoids and styrenes by atom-efficient olefination with thiophthalides. 2012 , 10, 2742-52		12
321	Mitochondria-Targeted Antioxidant SS31 Prevents Amyloid Beta-Induced Mitochondrial Abnormalities and Synaptic Degeneration in Alzheimer's Disease. 2012 , 5, 1103-19		44
320	Amelioration of amyloid β -induced cognitive deficits by Zataria multiflora Boiss. essential oil in a rat model of Alzheimer's disease. 2012 , 18, 295-301		32
319	Efficient access to highly pure β -amyloid peptide by optimized solid-phase synthesis. 2012 , 19, 133-7		19
318	Glutathione/thioredoxin systems modulate mitochondrial H ₂ O ₂ emission: an experimental-computational study. 2012 , 139, 479-91		147
317	Smilagenin attenuates beta amyloid (25-35)-induced degeneration of neuronal cells via stimulating the gene expression of brain-derived neurotrophic factor. 2012 , 210, 275-85		19
316	Natural polyphenols against neurodegenerative disorders: potentials and pitfalls. 2012 , 11, 329-45		185
315	Abnormal mitochondrial dynamics and synaptic degeneration as early events in Alzheimer's disease: implications to mitochondria-targeted antioxidant therapeutics. 2012 , 1822, 639-49		251
314	Dynamin-related protein 1 heterozygote knockout mice do not have synaptic and mitochondrial deficiencies. 2012 , 1822, 862-74		42
313	Mitochondria-specific accumulation of amyloid β induces mitochondrial dysfunction leading to apoptotic cell death. <i>PLoS ONE</i> , 2012 , 7, e34929	3.7	154
312	Caffeine increases mitochondrial function and blocks melatonin signaling to mitochondria in Alzheimer's mice and cells. 2012 , 63, 1368-79		51
311	Mitochondrial abnormalities in Alzheimer's disease: possible targets for therapeutic intervention. 2012 , 64, 83-126		49
310	Synaptic mitochondrial pathology in Alzheimer's disease. 2012 , 16, 1467-75		107
309	CART peptide is a potential endogenous antioxidant and preferentially localized in mitochondria. <i>PLoS ONE</i> , 2012 , 7, e29343	3.7	36
308	Pleiotropic protective effects of phytochemicals in Alzheimer's disease. 2012 , 2012, 386527		74
307	Antioxidant therapies for Alzheimer's disease. 2012 , 2012, 472932		202

306	Somatic mutations in aging, cancer and neurodegeneration. 2012 , 133, 118-26	135
305	Mitochondrial division ensures the survival of postmitotic neurons by suppressing oxidative damage. 2012 , 197, 535-51	194
304	Upregulation of heme oxygenase-1 by acteoside through ERK and PI3 K/Akt pathway confer neuroprotection against beta-amyloid-induced neurotoxicity. 2012 , 21, 368-78	63
303	Amyloid beta-induced glycogen synthase kinase 3 β phosphorylated VDAC1 in Alzheimer's disease: implications for synaptic dysfunction and neuronal damage. 2013 , 1832, 1913-21	82
302	MitoQ, a mitochondria-targeted antioxidant, delays disease progression and alleviates pathogenesis in an experimental autoimmune encephalomyelitis mouse model of multiple sclerosis. 2013 , 1832, 2322-31	67
301	RNA silencing of genes involved in Alzheimer's disease enhances mitochondrial function and synaptic activity. 2013 , 1832, 2368-78	20
300	Autophagy-mediated turnover of dynamin-related protein 1. 2013 , 14, 86	28
299	IMM-H004, a novel coumarin derivative compound, protects against amyloid beta-induced neurotoxicity through a mitochondrial-dependent pathway. 2013 , 242, 28-38	27
298	Where the endoplasmic reticulum and the mitochondrion tie the knot: the mitochondria-associated membrane (MAM). 2013 , 1833, 213-24	307
297	Abnormal thiamine-dependent processes in Alzheimer's Disease. Lessons from diabetes. 2013 , 55, 17-25	57
296	Mitochondrial fusion: a mechanism of cisplatin-induced resistance in neuroblastoma cells?. 2013 , 34, 51-60	32
295	Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing. 2013 , 31, 563-92	93
294	Melatonin and mitochondrial dysfunction in the central nervous system. 2013 , 63, 322-30	76
293	Mitochondrial diseases of the brain. <i>Free Radical Biology and Medicine</i> , 2013 , 63, 1-29	7.8 305
292	Role of mitochondrial homeostasis and dynamics in Alzheimer's disease. 2013 , 51, 3-12	110
291	Impairment of mitochondrial dynamics: a target for the treatment of neurological disorders?. 2013 , 8, 333-346	2
290	The mitochondria-targeted anti-oxidant MitoQ reduces aspects of mitochondrial fission in the 6-OHDA cell model of Parkinson's disease. 2013 , 1832, 174-82	93
289	Is the mitochondrial outer membrane protein VDAC1 therapeutic target for Alzheimer's disease?. 2013 , 1832, 67-75	55

288	Gingerol-induced hypoxia-inducible factor 1 alpha inhibits human prion peptide-mediated neurotoxicity. 2013 , 27, 1185-92		8
287	Is Amyloid Binding Alcohol Dehydrogenase a Drug Target for Treating Alzheimer's Disease?. <i>Current Alzheimer Research</i> , 2013 , 10, 21-29	3	1
286	Reduced VDAC1 protects against Alzheimer's disease, mitochondria, and synaptic deficiencies. <i>Journal of Alzheimers Disease</i> , 2013 , 37, 679-90	4-3	43
285	Early selective vulnerability of synapses and synaptic mitochondria in the hippocampal CA1 region of the Tg2576 mouse model of Alzheimer's disease. <i>Journal of Alzheimers Disease</i> , 2013 , 34, 887-96	4-3	38
284	Deconstructing mitochondrial dysfunction in Alzheimer disease. 2013 , 2013, 162152		86
283	Oxidative Stress and Its Clinical Applications in Dementia. 2013 , 2013, 319898		25
282	Identification of novel molecular markers for prognosis estimation of acute myeloid leukemia: over-expression of PDCD7, FIS1 and Ang2 may indicate poor prognosis in pretreatment patients with acute myeloid leukemia. <i>PLoS ONE</i> , 2014 , 9, e84150	3-7	24
281	Mitochondrial dysfunction: different routes to Alzheimer's disease therapy. 2014 , 2014, 780179		119
280	Oligomeric A β induced synaptic dysfunction in Alzheimer's disease. 2014 , 9, 48		308
279	High-dose of vitamin C supplementation reduces amyloid plaque burden and ameliorates pathological changes in the brain of 5XFAD mice. 2014 , 5, e1083		66
278	Mitochondria dysfunction in lung cancer-induced muscle wasting in C2C12 myotubes. <i>Frontiers in Physiology</i> , 2014 , 5, 503	4-6	33
277	Mitochondrial dysfunction: cause and consequence of Alzheimer's disease. 2014 , 127, 183-210		61
276	Sepsis-induced Cardiac Mitochondrial Damage and Potential Therapeutic Interventions in the Elderly. 2014 , 5, 137-49		12
275	Mitochondria-targeted antioxidants for treatment of Parkinson's disease: preclinical and clinical outcomes. 2014 , 1842, 1282-94		215
274	Therapeutics of Alzheimer's disease: Past, present and future. 2014 , 76 Pt A, 27-50		477
273	Sphingosine kinase-1 protects differentiated N2a cells against beta-amyloid ₂₅₋₃₅ -induced neurotoxicity via the mitochondrial pathway. 2014 , 39, 932-40		11
272	Three-dimensional analysis of abnormal ultrastructural alteration in mitochondria of hippocampus of APP/PSEN1 transgenic mouse. 2014 , 39, 97-105		16
271	Mitochondrial import and degradation of amyloid- β peptide. 2014 , 1837, 1069-74		88

270	Role of zinc and copper ions in the pathogenetic mechanisms of Alzheimer's and Parkinson's diseases. 2014 , 79, 391-6		58
269	The role of amyloid-beta in the regulation of memory. 2014 , 88, 479-85		72
268	Serendipity and the discovery of novel compounds that restore mitochondrial plasticity. 2014 , 96, 672-83		112
267	Tenofovir-induced nephrotoxicity: incidence, mechanism, risk factors, prognosis and proposed agents for prevention. 2014 , 70, 1029-40		61
266	Epoxyeicosatrienoic acids pretreatment improves amyloid β -induced mitochondrial dysfunction in cultured rat hippocampal astrocytes. 2014 , 306, H475-84		50
265	Effects of long-term treatment with quercetin on cognition and mitochondrial function in a mouse model of Alzheimer's disease. 2014 , 39, 1533-43		95
264	Mitochondrial oxidative stress in aging and healthspan. 2014 , 3, 6		297
263	Mitochondria-Targeted Antioxidants and Alzheimer's Disease. 2014 , 195-201		2
262	Oxidative stress in Alzheimer's disease. 2014 , 30, 271-81		292
261	Cyclophilin D deficiency rescues $\text{A}\beta$ -impaired PKA/CREB signaling and alleviates synaptic degeneration. 2014 , 1842, 2517-27		59
260	Perspectives and potential applications of mitochondria-targeted antioxidants in cardiometabolic diseases and type 2 diabetes. 2014 , 34, 160-89		38
259	Characterization of acute and chronic neuropathies induced by oxaliplatin in mice and differential effects of a novel mitochondria-targeted antioxidant on the neuropathies. 2014 , 120, 459-73		43
258	Inhibitors of mitochondrial fission as a therapeutic strategy for diseases with oxidative stress and mitochondrial dysfunction. <i>Journal of Alzheimers Disease</i> , 2014 , 40, 245-56	4-3	91
257	Melatonergic Drugs as Therapeutic Agents for Insomnia and Depressive Disorders. 2014 , 316-335		
256	Centella asiatica Attenuates Amyloid- β -Induced Oxidative Stress and Mitochondrial Dysfunction. <i>Journal of Alzheimers Disease</i> , 2015 , 45, 933-46	4-3	52
255	Garrison Institute on Aging: A New Hope for Elderly Individuals and Patients with Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2015 , 48, 547-55	4-3	1
254	Mitochondrion-Targeted Peptide SS-31 Inhibited Oxidized Low-Density Lipoproteins-Induced Foam Cell Formation through both ROS Scavenging and Inhibition of Cholesterol Influx in RAW264.7 Cells. 2015 , 20, 21287-97		26
253	A review on mitochondrial restorative mechanism of antioxidants in Alzheimer's disease and other neurological conditions. 2015 , 6, 206		91

252	The Measurement of Reversible Redox Dependent Post-translational Modifications and Their Regulation of Mitochondrial and Skeletal Muscle Function. <i>Frontiers in Physiology</i> , 2015 , 6, 347	4.6	38
251	Lessons from Microglia Aging for the Link between Inflammatory Bone Disorders and Alzheimer's Disease. 2015 , 2015, 471342		17
250	The Neuroprotective Effects of Ratanasampil on Oxidative Stress-Mediated Neuronal Damage in Human Neuronal SH-SY5Y Cells. 2015 , 2015, 792342		5
249	Mitochondria-Targeted Protective Compounds in Parkinson's and Alzheimer's Diseases. 2015 , 2015, 408927		60
248	Coat protein I depletion-associated Golgi fragmentation in an Alzheimer's disease model. 2015 , 19, 8-15		2
247	Splitting up the powerhouse: structural insights into the mechanism of mitochondrial fission. 2015 , 72, 3695-707		37
246	Di-O-demethylcurcumin protects SK-N-SH cells against mitochondrial and endoplasmic reticulum-mediated apoptotic cell death induced by A β 5-35. <i>Neurochemistry International</i> , 2015 , 80, 110-9	4.4	29
245	Molecular strategies for targeting antioxidants to mitochondria: therapeutic implications. 2015 , 22, 686-729		147
244	Neural stem cell transplantation enhances mitochondrial biogenesis in a transgenic mouse model of Alzheimer's disease-like pathology. 2015 , 36, 1282-92		51
243	Quality control systems in cardiac aging. 2015 , 23, 101-15		24
242	Amyloid- β peptide-induced cytotoxicity and mitochondrial dysfunction in yeast. 2015 , 15,		31
241	mtDNA Mutagenesis Disrupts Pluripotent Stem Cell Function by Altering Redox Signaling. 2015 , 11, 1614-24		55
240	The role of mitochondrial DNA mutation on neurodegenerative diseases. 2015 , 47, e150		84
239	Mitochondrial division inhibitor 1 protects against mutant huntingtin-induced abnormal mitochondrial dynamics and neuronal damage in Huntington's disease. <i>Human Molecular Genetics</i> , 2015 , 24, 7308-25	5.6	52
238	Gold nanoparticle-enhanced photodynamic therapy: effects of surface charge and mitochondrial targeting. 2015 , 6, 307-21		32
237	Mitochondria-Targeted Peptide Reverses Mitochondrial Dysfunction and Cognitive Deficits in Sepsis-Associated Encephalopathy. 2015 , 52, 783-91		57
236	Loss of mitofusin 2 links beta-amyloid-mediated mitochondrial fragmentation and Cdk5-induced oxidative stress in neuron cells. 2015 , 132, 687-702		60
235	A review on Alzheimer's disease pathophysiology and its management: an update. 2015 , 67, 195-203		871

234	Strategy to reduce free radical species in Alzheimer's disease: an update of selected antioxidants. 2015 , 15, 19-40		74
233	An antioxidant specifically targeting mitochondria delays progression of Alzheimer's disease-like pathology. 2016 , 8, 2713-2733		39
232	The Protective Effect of Icaritin on Mitochondrial Transport and Distribution in Primary Hippocampal Neurons from 3xTg-AD Mice. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	20
231	Synaptosomal Mitochondrial Dysfunction in 5xFAD Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2016 , 11, e0150441	3.7	49
230	Alzheimer's Disease: From Mitochondrial Perturbations to Mitochondrial Medicine. 2016 , 26, 632-47		36
229	Mitochondrial Regulatory Pathways in the Pathogenesis of Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2016 , 53, 1257-70	4.3	18
228	Anti-Oxidants, the Aging Brain and Age-Related Brain Disorders. 2016 , 241-259		
227	Inflammation, Aging, and Oxidative Stress. 2016 ,		8
226	Examining the potential clinical value of curcumin in the prevention and diagnosis of Alzheimer's disease. 2016 , 115, 449-65		149
225	Neuroprotective properties of mitochondria-targeted antioxidants of the SkQ-type. 2016 , 27, 849-855		26
224	Proteasome regulates turnover of toxic human amylin in pancreatic cells. 2016 , 473, 2655-70		14
223	Inhibition of A β (1-40) fibril formation by cyclophilins. 2016 , 473, 1355-68		7
222	Protective effects of reduced dynamin-related protein 1 against amyloid beta-induced mitochondrial dysfunction and synaptic damage in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2016 , 25, 5148-5166	5.6	92
221	Mitochondria as a therapeutic target in Alzheimer's disease. 2016 , 3, 220-227		25
220	Targeting Oxidative Stress in Central Nervous System Disorders. 2016 , 37, 768-778		158
219	Cyclophilin D Promotes Brain Mitochondrial F1FO ATP Synthase Dysfunction in Aging Mice. <i>Journal of Alzheimers Disease</i> , 2017 , 55, 1351-1362	4.3	43
218	Protective effects of a natural product, curcumin, against amyloid β -induced mitochondrial and synaptic toxicities in Alzheimer's disease. 2016 , 64, 1220-1234		88
217	Hydrogen sulfide ameliorates learning memory impairment in APP/PS1 transgenic mice: A novel mechanism mediated by the activation of Nrf2. 2016 , 150-151, 207-216		47

216	The Consequences of Damaged Mitochondrial DNA. 2016 , 49-61		
215	Reduced dynamin-related protein 1 protects against phosphorylated Tau-induced mitochondrial dysfunction and synaptic damage in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2016 , 25, 4881-4897 ^{5.6}	5.6	86
214	Tackling Alzheimer's Disease by Targeting Oxidative Stress and Mitochondria. 2016 , 477-502		1
213	Apoptosis interacts with mitochondrial outer-membrane fusion proteins and regulates mitochondrial morphology. 2016 , 129, 994-1002		20
212	The influence of common free radicals and antioxidants on development of Alzheimer's Disease. 2016 , 78, 39-49		106
211	Mitochondria-Targeting Ceria Nanoparticles as Antioxidants for Alzheimer's Disease. <i>ACS Nano</i> , 2016 , 10, 2860-70	16.7	334
210	BDNF pathway is involved in the protective effects of SS-31 on isoflurane-induced cognitive deficits in aging mice. 2016 , 305, 115-21		39
209	Mitochondria-targeted molecules MitoQ and SS31 reduce mutant huntingtin-induced mitochondrial toxicity and synaptic damage in Huntington's disease. <i>Human Molecular Genetics</i> , 2016 , 25, 1739-53	5.6	85
208	Recent progress towards an effective treatment of amyotrophic lateral sclerosis using the SOD1 mouse model in a preclinical setting. 2016 , 121, 918-925		12
207	Inhibition of phosphodiesterase-4 reverses the cognitive dysfunction and oxidative stress induced by A β 5-35 in rats. 2016 , 31, 779-91		15
206	Multiple faces of dynamin-related protein 1 and its role in Alzheimer's disease pathogenesis. 2016 , 1862, 814-828		86
205	Resveratrol and Alzheimer's Disease: Mechanistic Insights. 2017 , 54, 2622-2635		99
204	Mitochondria as a target for neuroprotection: implications for Alzheimer's disease. 2017 , 17, 77-91		23
203	Neuroprotective Efficacy of Mitochondrial Antioxidant MitoQ in Suppressing Peroxynitrite-Mediated Mitochondrial Dysfunction Inflicted by Lead Toxicity in the Rat Brain. 2017 , 31, 358-372		30
202	The mitochondrial-targeted peptide, SS-31, improves glomerular architecture in mice of advanced age. 2017 , 91, 1126-1145		51
201	Mitochondrial Dysfunction and Synaptic Transmission Failure in Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2017 , 57, 1071-1086	4.3	80
200	Recent Progress in Alzheimer's Disease Research, Part 1: Pathology. <i>Journal of Alzheimers Disease</i> , 2017 , 57, 1-28	4.3	47
199	Mitochondria-Targeted Molecules as Potential Drugs to Treat Patients With Alzheimer's Disease. 2017 , 146, 173-201		14

198	Mitochondrial dynamics in neuronal injury, development and plasticity. 2017 , 130, 671-681		129
197	Lipid Peroxidation and Mitochondrial Dysfunction in Alzheimer's and Parkinson's Diseases: Role of Natural Products as Cytoprotective Agents. 2017 , 107-151		1
196	Dual-functional nanoparticles for precise drug delivery to Alzheimer's disease lesions: Targeting mechanisms, pharmacodynamics and safety. 2017 , 525, 237-248		34
195	Inhibition of Drp1 Ameliorates Synaptic Depression, A β Deposition, and Cognitive Impairment in an Alzheimer's Disease Model. 2017 , 37, 5099-5110		114
194	Mitochondria-Division Inhibitor 1 Protects Against Amyloid- β -Induced Mitochondrial Fragmentation and Synaptic Damage in Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2017 , 58, 147-162	4-3	60
193	Mitochondrial Aspects of Synaptic Dysfunction in Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2017 , 57, 1087-1103	4-3	117
192	Aqua-soluble DDQ reduces the levels of Drp1 and A β and inhibits abnormal interactions between A β and Drp1 and protects Alzheimer's disease neurons from A β and Drp1-induced mitochondrial and synaptic toxicities. <i>Human Molecular Genetics</i> , 2017 , 26, 3375-3395	5.6	30
191	Effect of long-term maternal smoking on the offspring's lung health. 2017 , 313, L416-L423		22
190	Oxidative Stress Markers and Metal Ions are Correlated With Cognitive Function in Alzheimer's Disease. 2017 , 32, 353-359		19
189	Mitochondria-targeted small molecule SS31: a potential candidate for the treatment of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2017 , 26, 1483-1496	5.6	49
188	Mitochondrial Perturbation in Alzheimer's Disease and Diabetes. 2017 , 146, 341-361		26
187	Mitochondrial-Targeted Catalase: Extended Longevity and the Roles in Various Disease Models. 2017 , 146, 203-241		37
186	Swimming attenuates d-galactose-induced brain aging via suppressing miR-34a-mediated autophagy impairment and abnormal mitochondrial dynamics. 2017 , 122, 1462-1469		37
185	Recent Progress in Alzheimer's Disease Research, Part 3: Diagnosis and Treatment. <i>Journal of Alzheimers Disease</i> , 2017 , 57, 645-665	4-3	76
184	Amyloid-Beta and Phosphorylated Tau Accumulations Cause Abnormalities at Synapses of Alzheimer's disease Neurons. <i>Journal of Alzheimers Disease</i> , 2017 , 57, 975-999	4-3	142
183	Deuterium-reinforced polyunsaturated fatty acids improve cognition in a mouse model of sporadic Alzheimer's disease. 2017 , 284, 4083-4095		27
182	Peptide SS-31 upregulates frataxin expression and improves the quality of mitochondria: implications in the treatment of Friedreich ataxia. 2017 , 7, 9840		28
181	Transcriptional regulators of redox balance and other homeostatic processes with the potential to alter neurodegenerative disease trajectory. 2017 , 45, 1295-1303		15

180	Mitochondrial Dysfunction and Biogenesis in Neurodegenerative diseases: Pathogenesis and Treatment. 2017 , 23, 5-22		239
179	Antioxidants in the Prevention and Treatment of Alzheimer's Disease. 2017 , 523-553		1
178	Mitochondrial dynamics changes with age in an APPsw/PS1dE9 mouse model of Alzheimer's disease. 2017 , 28, 222-228		29
177	Dosis Facit Sanitatem-Concentration-Dependent Effects of Resveratrol on Mitochondria. 2017 , 9,		32
176	The Neuroprotective Effects of Brazilian Green Propolis on Neurodegenerative Damage in Human Neuronal SH-SY5Y Cells. 2017 , 2017, 7984327		38
175	The Interrelation between Reactive Oxygen Species and Autophagy in Neurological Disorders. 2017 , 2017, 8495160		43
174	Hydrogen-rich water improves cognitive impairment gender-dependently in APP/PS1 mice without affecting A β clearance. 2018 , 52, 1311-1322		18
173	Mutant APP and amyloid beta-induced defective autophagy, mitophagy, mitochondrial structural and functional changes and synaptic damage in hippocampal neurons from Alzheimer's disease. <i>Human Molecular Genetics</i> , 2018 , 27, 2502-2516	5.6	117
172	The exosome of adipose-derived stem cells reduces β amyloid pathology and apoptosis of neuronal cells derived from the transgenic mouse model of Alzheimer's disease. 2018 , 1691, 87-93		48
171	Amyloid toxicity in Alzheimer's disease. 2018 , 29, 613-627		166
170	Synergistic Protective Effects of Mitochondrial Division Inhibitor 1 and Mitochondria-Targeted Small Peptide SS31 in Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2018 , 62, 1549-1565	4.3	45
169	Mitochondria, the NLRP3 Inflammasome, and Sirtuins in Type 2 Diabetes: New Therapeutic Targets. 2018 , 29, 749-791		43
168	Mitochondrial dysfunction in down syndrome: molecular mechanisms and therapeutic targets. 2018 , 24, 2		44
167	MitoQ supplementation prevent long-term impact of maternal smoking on renal development, oxidative stress and mitochondrial density in male mice offspring. 2018 , 8, 6631		27
166	Cell-Penetrating Peptides Targeting Mitochondria. 2018 , 593-611		2
165	Protective effects of mitochondrion-targeted peptide SS-31 against hind limb ischemia-reperfusion injury. 2018 , 74, 335-343		18
164	Plumbagin ameliorates memory dysfunction in streptozotocin induced Alzheimer's disease via activation of Nrf2/ARE pathway and inhibition of β secretase. 2018 , 101, 379-390		34
163	Resveratrol and Brain Mitochondria: a Review. 2018 , 55, 2085-2101		123

162	Improved photostability and cytotoxic effect of coenzyme Q10 by its association with vitamin E acetate in polymeric nanocapsules. 2018 , 23, 400-406		8
161	Morin exerts neuroprotection via attenuation of ROS induced oxidative damage and neuroinflammation in experimental diabetic neuropathy. 2018 , 44, 109-122		41
160	Mitochondria in Focus: Targeting the Cell-Death Mechanism. 2018 , 13-48		
159	Mitochondria-targeted antioxidant therapy for an animal model of PCOS-IR. 2019 , 43, 316-324		28
158	Mitochondrial targeting as a novel therapy for stroke. 2018 , 4, 84-94		35
157	Drp1/Fis1 interaction mediates mitochondrial dysfunction, bioenergetic failure and cognitive decline in Alzheimer's disease. <i>Oncotarget</i> , 2018 , 9, 6128-6143	3-3	67
156	Mitochondrial therapeutic interventions in Alzheimer's disease. 2018 , 395, 62-70		57
155	Influence of electroacupuncture therapy of tonifying the kidney and regulating governor vessel on A β -related degradation enzymes in the hippocampus of a rat model of Alzheimer's disease induced by A β -42. 2018 , 28, 185-190		1
154	Resveratrol Activated Sonic Hedgehog Signaling to Enhance Viability of NIH3T3 Cells in Vitro via Regulation of Sirt1. 2018 , 50, 1346-1360		11
153	Manipulation of Mitochondrial Function by Polyphenols for New Treatment Strategies. 2018 , 277-292		1
152	Mitochondrial Abnormalities in Down Syndrome: Pathogenesis, Effects and Therapeutic Approaches. 2018 ,		
151	MitoQ protects dopaminergic neurons in a 6-OHDA induced PD model by enhancing Mfn2-dependent mitochondrial fusion via activation of PGC-1 β . 2018 , 1864, 2859-2870		56
150	Oxidant/Antioxidant Imbalance in Alzheimer's Disease: Therapeutic and Diagnostic Prospects. 2018 , 2018, 6435861		117
149	Understanding the Role of Dysfunctional and Healthy Mitochondria in Stroke Pathology and Its Treatment. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
148	Targeting Mitochondria to Counteract Age-Related Cellular Dysfunction. 2018 , 9,		32
147	MitoQ Loaded Chitosan-Hyaluronan Composite Membranes for Wound Healing. 2018 , 11,		69
146	Autophagy and Proteostasis in Cardiac Aging. 2018 , 171-186		1
145	Oxidative Stress: A Major Player in Cerebrovascular Alterations Associated to Neurodegenerative Events. <i>Frontiers in Physiology</i> , 2018 , 9, 806	4.6	76

144	Mitochondrial abnormalities in Parkinson's disease and Alzheimer's disease: can mitochondria be targeted therapeutically?. 2018 , 46, 891-909	67
143	Mfn2 ablation causes an oxidative stress response and eventual neuronal death in the hippocampus and cortex. 2018 , 13, 5	43
142	Peptide-based systems for drug delivery. 2018 , 409-429	0
141	Bioenergetics and translational metabolism: implications for genetics, physiology and precision medicine. 2019 , 401, 3-29	24
140	Neuroprotective Approach of Anti-Cancer Microtubule Stabilizers Against Tauopathy Associated Dementia: Current Status of Clinical and Preclinical Findings. 2019 , 3, 179-218	9
139	Amyloid- β -induced neuropathological actions are suppressed by <i>Padina gymnospora</i> (Phaeophyceae) and its active constituent <i>Episabolol</i> in Neuro2a cells and transgenic <i>Caenorhabditis elegans</i> Alzheimer's model. 2019 , 91, 52-66	22
138	Mitochondria as Potential Targets in Alzheimer Disease Therapy: An Update. 2019 , 10, 902	83
137	Dynamics of Dynamin-Related Protein 1 in Alzheimer's Disease and Other Neurodegenerative Diseases. 2019 , 8,	63
136	Multifunctional radical quenchers as potential therapeutic agents for the treatment of mitochondrial dysfunction. 2019 , 11, 1605-1624	1
135	SS-31 reduces inflammation and oxidative stress through the inhibition of Fis1 expression in lipopolysaccharide-stimulated microglia. 2019 , 520, 171-178	13
134	Amyloid Beta and Phosphorylated Tau-Induced Defective Autophagy and Mitophagy in Alzheimer's Disease. 2019 , 8,	133
133	Mitochondrial dynamics and transport in Alzheimer's disease. 2019 , 98, 109-120	71
132	Identification of novel oligopeptides from the simulated digestion of sea cucumber (<i>Stichopus japonicus</i>) to alleviate A β aggregation progression. 2019 , 60, 103412	7
131	Assessing Neuroprotective Agents for A β -Induced Neurotoxicity. 2019 , 25, 685-695	10
130	Interactions between BIM Protein and Beta-Amyloid May Reveal a Crucial Missing Link between Alzheimer's Disease and Neuronal Cell Death. 2019 , 10, 3555-3564	10
129	Exposure to fluoride aggravates the impairment in learning and memory and neuropathological lesions in mice carrying the APP/PS1 double-transgenic mutation. 2019 , 11, 35	15
128	Inhibition of Drp1 after traumatic brain injury provides brain protection and improves behavioral performance in rats. 2019 , 304, 173-185	15
127	Molecular Basis of Alzheimer's Disease: Focus on Mitochondria. <i>Journal of Alzheimers Disease</i> , 2019 , 72, S95-S116	4-3 47

126	Small molecules as therapeutic drugs for Alzheimer's disease. 2019 , 96, 47-62		67
125	Dynamin-like protein 1 cleavage by calpain in Alzheimer's disease. 2019 , 18, e12912		11
124	The role of mitochondrial defects and oxidative stress in Alzheimer's disease. 2019 , 27, 932-942		15
123	Elamipretide (SS-31) improves mitochondrial dysfunction, synaptic and memory impairment induced by lipopolysaccharide in mice. 2019 , 16, 230		29
122	Calycosin-7----glucoside Attenuates OGD/R-Induced Damage by Preventing Oxidative Stress and Neuronal Apoptosis via the SIRT1/FOXO1/PGC-1 Pathway in HT22 Cells. 2019 , 2019, 8798069		39
121	Mitochondrial division inhibitor 1 reduces dynamin-related protein 1 and mitochondrial fission activity. <i>Human Molecular Genetics</i> , 2019 , 28, 177-199	5.6	68
120	Mitochondrial Dysfunction in Stroke: Implications of Stem Cell Therapy. 2018 , 10, 121		23
119	Disrupted-in-schizophrenia-1 protects synaptic plasticity in a transgenic mouse model of Alzheimer's disease as a mitophagy receptor. 2019 , 18, e12860		37
118	Elucidating Critical Proteinopathic Mechanisms and Potential Drug Targets in Neurodegeneration. 2020 , 40, 313-345		5
117	Beta-Amyloid Increases the Expression Levels of Tid1 Responsible for Neuronal Cell Death and Amyloid Beta Production. 2020 , 57, 1099-1114		5
116	Mitophagy in Alzheimer's Disease and Other Age-Related Neurodegenerative Diseases. 2020 , 9,		77
115	Mitochondrially-targeted treatment strategies. 2020 , 71, 100836		14
114	An overview on recent biological application of cerium oxide nanoparticles. 2020 , 15, 558-575		21
113	Defective mitophagy in Alzheimer's disease. 2020 , 64, 101191		53
112	Oxidative Stress in Amyotrophic Lateral Sclerosis: Pathophysiology and Opportunities for Pharmacological Intervention. 2020 , 2020, 5021694		16
111	Prodromal Alzheimer's Disease: Constitutive Upregulation of Neuroglobin Prevents the Initiation of Alzheimer's Pathology. <i>Frontiers in Neuroscience</i> , 2020 , 14, 562581	5.1	3
110	Therapeutic Approaches to Treat Mitochondrial Diseases: "One-Size-Fits-All" and "Precision Medicine" Strategies. 2020 , 12,		18
109	Flavonoids as a Natural Enhancer of Neuroplasticity-An Overview of the Mechanism of Neurorestorative Action. 2020 , 9,		10

108	Idebenone protects mitochondrial function against amyloid beta toxicity in primary cultured cortical neurons. 2020 , 31, 1104-1110	6
107	Protective role of mitoquinone against impaired mitochondrial homeostasis in metabolic syndrome. 2020 , 1-19	9
106	Riding the tiger - physiological and pathological effects of superoxide and hydrogen peroxide generated in the mitochondrial matrix. 2020 , 55, 592-661	20
105	Astaxanthin Ameliorated Parvalbumin-Positive Neuron Deficits and Alzheimer's Disease-Related Pathological Progression in the Hippocampus of Mice. 2020 , 11, 307	11
104	Cationic Arginine-Rich Peptides (CARPs): A Novel Class of Neuroprotective Agents With a Multimodal Mechanism of Action. 2020 , 11, 108	25
103	Mitochondrial Transfer as a Therapeutic Strategy Against Ischemic Stroke. 2020 , 11, 1214-1228	13
102	Parkin overexpression attenuates A β -induced mitochondrial dysfunction in HEK293 cells by restoring impaired mitophagy. 2020 , 244, 117322	18
101	Lifestyle Modifications and Nutritional Interventions in Aging-Associated Cognitive Decline and Alzheimer's Disease. 2019 , 11, 369	40
100	The mitochondria-targeted peptide SS-31 binds lipid bilayers and modulates surface electrostatics as a key component of its mechanism of action. 2020 , 295, 7452-7469	25
99	D-ribose-L-cysteine enhances memory task, attenuates oxidative stress and acetyl-cholinesterase activity in scopolamine amnesic mice. 2020 , 81, 620-627	2
98	Mitochondria-Targeted Small Peptide, SS31 Ameliorates Diabetes Induced Mitochondrial Dynamics in Male TallyHO/JngJ Mice. 2021 , 58, 795-808	10
97	Towards resolving the enigma of the dichotomy of resveratrol: cis- and trans-resveratrol have opposite effects on TyrRS-regulated PARP1 activation. 2021 , 43, 1171-1200	10
96	Therapeutic Strategies and Nano-Drug Delivery Applications in Management of Aging Alzheimer's Disease. 2021 , 1286, 183-198	6
95	Resveratrol and brain mitochondria. 2021 , 645-687	
94	Mitochondrial Dysfunction and Oxidative Stress in Alzheimer's Disease. 2021 , 13, 617588	57
93	Protective effects of antidepressant citalopram against abnormal APP processing and amyloid beta-induced mitochondrial dynamics, biogenesis, mitophagy and synaptic toxicities in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2021 , 30, 847-864	5.6 7
92	Coenzyme Q homeostasis in aging: Response to non-genetic interventions. <i>Free Radical Biology and Medicine</i> , 2021 , 164, 285-302	7.8 8
91	Alzheimer's Disease: Pathogenesis and Therapeutic interventions. 2021 ,	3

90	Antioxidative Stress Mechanisms behind Resveratrol: A Multidimensional Analysis. 2021 , 2021, 1-12		2
89	Mitochondrial Fission Protein 1: Emerging Roles in Organellar Form and Function in Health and Disease. 2021 , 12, 660095		14
88	Selective serotonin reuptake inhibitor citalopram ameliorates cognitive decline and protects against amyloid beta-induced mitochondrial dynamics, biogenesis, autophagy, mitophagy and synaptic toxicities in a mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2021 , 30, 789-810	5.6	7
87	Mitochondrial Dysfunction and Mitophagy Closely Cooperate in Neurological Deficits Associated with Alzheimer's Disease and Type 2 Diabetes. 2021 , 58, 3677-3691		3
86	Treating Neurodegenerative Disease with Antioxidants: Efficacy of the Bioactive Phenol Resveratrol and Mitochondrial-Targeted MitoQ and SkQ. 2021 , 10,		1
85	Targeting the brain lesions using peptides: A review focused on the possibility of targeted drug delivery to multiple sclerosis lesions. 2021 , 167, 105441		2
84	The mitochondrial redistribution of eNOS is involved in lipopolysaccharide induced inflammasome activation during acute lung injury. 2021 , 41, 101878		3
83	Prodromal sensory neuropathy in Pink1 SNCA double mutant Parkinson mice. 2021 , 47, 1060-1079		1
82	Mitochondrial Dysfunction as a Driver of Cognitive Impairment in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	20
81	Tortoise Plastron and Deer Antler Gelatin Prevents Against Neuronal Mitochondrial Dysfunction : Implication for a Potential Therapy of Alzheimer's Disease. 2021 , 12, 690256		0
80	Mitochondrial dysfunction in Alzheimer's disease: Opportunities for drug development. <i>Current Neuropharmacology</i> , 2021 ,	7.6	4
79	Ablation of dynamin-related protein 1 promotes diabetes-induced synaptic injury in the hippocampus. 2021 , 12, 445		2
78	Protective effects of a mitochondria-targeted small peptide SS31 against hyperglycemia-induced mitochondrial abnormalities in the liver tissues of diabetic mice, Tallyho/JngJ mice. <i>Mitochondrion</i> , 2021 , 58, 49-58	4.9	7
77	Mechanistic perspectives on differential mitochondrial-based neuroprotective effects of several carnitine forms in Alzheimer's disease in vitro model. 2021 , 95, 2769-2784		3
76	The Protection of Lactic Acid Bacteria Fermented-Mango Peel against Neuronal Damage Induced by Amyloid-Beta. 2021 , 26,		1
75	Whether short peptides are good candidates for future neuroprotective therapeutics?. 2021 , 140, 170528		4
74	Targeting whole body metabolism and mitochondrial bioenergetics in the drug development for Alzheimer's disease.. 2022 , 12, 511-531		4
73	Mitophagy pathways and Alzheimer's disease: From pathogenesis to treatment. <i>Mitochondrion</i> , 2021 , 59, 37-47	4.9	2

72	Protective effects of a small molecule inhibitor, DDQ against amyloid beta in Alzheimer's disease. <i>Mitochondrion</i> , 2021 , 59, 17-29	4.9	6
71	Defective mitophagy and synaptic degeneration in Alzheimer's disease: Focus on aging, mitochondria and synapse. <i>Free Radical Biology and Medicine</i> , 2021 , 172, 652-667	7.8	18
70	Extract of <i>Cynomorium songaricum</i> ameliorates mitochondrial ultrastructure impairments and dysfunction in two different in vitro models of Alzheimer's disease. 2021 , 21, 206		0
69	<i>Spilanthes acmella</i> Murr. ameliorates chronic stress through improving mitochondrial function in chronic restraint stress rats. <i>Neurochemistry International</i> , 2021 , 148, 105083	4.4	1
68	Mitochondrial dysfunction and beneficial effects of mitochondria-targeted small peptide SS-31 in Diabetes Mellitus and Alzheimer's disease. 2021 , 171, 105783		8
67	Protective effects of a small-molecule inhibitor DDQ against tau-induced toxicities in a transgenic tau mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2021 ,	5.6	2
66	Resveratrol-mediated neurorestoration after cerebral ischemic injury - Sonic Hedgehog signaling pathway. 2021 , 280, 119715		3
65	Emerging roles of oxidative stress in brain aging and Alzheimer's disease. 2021 , 107, 86-95		23
64	Ex Vivo Investigation of Bexarotene and Nicotinamide Function as a Protective Agent on Rat Synaptosomes Treated with A β (1-42). 2021 , 46, 804-818		1
63	Oxidative Stress and Alzheimer's Disease. 2014 , 2147-2174		3
62	Molecular Mechanism of Action of Mitochondrial Therapeutic SS-31 (Elamipretide): Membrane Interactions and Effects on Surface Electrostatics.		3
61	Under Pressure: The Effect of Antioxidants on Health Consequences Related to Oxidative Stress. 2021 , 45, 211-241		3
60	Pharmacological characterization of memoquin, a multi-target compound for the treatment of Alzheimer's disease. <i>PLoS ONE</i> , 2013 , 8, e56870	3.7	62
59	A Mitochondrion-Targeted Antioxidant Ameliorates Isoflurane-Induced Cognitive Deficits in Aging Mice. <i>PLoS ONE</i> , 2015 , 10, e0138256	3.7	25
58	Mitochondrial ROS Induces Cardiac Inflammation via a Pathway through mtDNA Damage in a Pneumonia-Related Sepsis Model. <i>PLoS ONE</i> , 2015 , 10, e0139416	3.7	92
57	Resveratrol in Alzheimer's disease: a review of pathophysiology and therapeutic potential. <i>Arquivos De Neuro-Psiquiatria</i> , 2020 , 78, 501-511	1.6	5
56	SS31 ameliorates age-related activation of NF- κ B signaling in senile mice model, SAMP8. <i>Oncotarget</i> , 2017 , 8, 1983-1992	3.3	8
55	New Therapeutics to Modulate Mitochondrial Function in Neurodegenerative Disorders. <i>Current Pharmaceutical Design</i> , 2017 , 23, 731-752	3.3	21

54	Amyloid-β oligomers-induced Mitochondrial DNA Repair Impairment Contributes to Altered Human Neural Stem Cell Differentiation. <i>Current Alzheimer Research</i> , 2019 , 16, 934-949	3	12
53	Therapeutic Potential of Multifunctional Tacrine Analogues. <i>Current Neuropharmacology</i> , 2019 , 17, 472-490	4.9	22
52	Transcriptome Analysis of Juvenile Tilapia () Blood, Fed With Different Concentrations of Resveratrol. <i>Frontiers in Physiology</i> , 2020 , 11, 600730	4.6	2
51	Levels of leukocyte oxidative DNA damage (8-OHdG), serum coenzyme Q10 and lipid peroxidation in the formation attacks of patients with multiple sclerosis. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2017 , 9, 601-607	0.3	1
50	Free Radicals in Oxidative Stress, Aging, and Neurodegenerative Disorders. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2019 , 48-75	0.2	1
49	Ultrastructural Abnormalities in APP/PSEN1 Transgenic Mouse Brain as the Alzheimer's Disease Model. <i>Applied Microscopy</i> , 2012 , 42, 179-185	1.1	4
48	A partial reduction of Drp1 enhances mitophagy, autophagy, mitochondrial biogenesis, dendritic spines and synaptic activity in a transgenic Tau mouse model of Alzheimer disease.		
47	Potential Therapies for Mitochondrial Dysfunction. 2012 , 215-230		
46	In vitro Anti-cholinesterase and Anti-oxidant Activity of Three Standardised Polyherbal Products Used for Memory Enhancing in Ethnomedicine of South-East Nigeria. <i>The Malaysian Journal of Medical Sciences</i> , 2018 , 25, 27-39	1.3	1
45	Environmental Stress: Mitochondria as Targets and Stressors in Cellular Metabolism. 2020 , 43-70		
44	Fruit bromelain derived peptides destabilize growth of amyloid fibrils.		
43	Disentangling Mitochondria in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
42	BDMC protects AD via AMPK and SIRT1. <i>Translational Neuroscience</i> , 2020 , 11, 319-327	1.2	1
41	Is amyloid binding alcohol dehydrogenase a drug target for treating Alzheimer's disease?. <i>Current Alzheimer Research</i> , 2013 , 10, 21-9	3	26
40	Mitochondria-Targeted Antioxidant SS-31 is a Potential Novel Ophthalmic Medication for Neuroprotection in Glaucoma. <i>Medical Hypothesis, Discovery, and Innovation in Ophthalmology</i> , 2015 , 4, 120-6	1.4	7
39	Mitochondrial-targeted antioxidant MitoQ provides neuroprotection and reduces neuronal apoptosis in experimental traumatic brain injury possibly via the Nrf2-ARE pathway. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 1887-1899	3	40
38	Mitochondrial chaperones in human health and disease. <i>Free Radical Biology and Medicine</i> , 2021 , 179, 363-363	7.8	1
37	A partial reduction of Drp1 improves cognitive behavior and enhances mitophagy, autophagy and dendritic spines in a transgenic tau mouse model of Alzheimer disease.. <i>Human Molecular Genetics</i> , 2021 ,	5.6	0

36	Strategies to protect against age-related mitochondrial decay: Do natural products and their derivatives help?. <i>Free Radical Biology and Medicine</i> , 2021 , 178, 330-330	7.8	2
35	Mechanisms associated with the dysregulation of mitochondrial function due to lead exposure and possible implications on the development of Alzheimer's disease.. <i>BioMetals</i> , 2022 , 35, 1	3.4	0
34	Mechanistic Link between Vitamin B12 and Alzheimer's Disease.. <i>Biomolecules</i> , 2022 , 12,	5.9	2
33	Neuroprotective Effects of a Small Mitochondrially-Targeted Tetrapeptide Elamipretide in Neurodegeneration.. <i>Frontiers in Integrative Neuroscience</i> , 2021 , 15, 747901	3.2	2
32	Fimbristylis ovata and Artemisia vulgaris extracts inhibited AGE-mediated RAGE expression, ROS generation, and inflammation in THP-1 cells. <i>Toxicological Research</i> , 1	3.7	2
31	Antioxidants in Alzheimer's Disease: Current Therapeutic Significance and Future Prospects.. <i>Biology</i> , 2022 , 11,	4.9	3
30	Saponins and flavonoids from Bacopa floribunda plant extract exhibit antioxidant and anti-inflammatory effects on amyloid beta 1-42-induced Alzheimer's disease in BALB/c mice.. <i>Journal of Ethnopharmacology</i> , 2022 , 288, 114997	5	4
29	PINK1 regulates mitochondrial fission/fusion and neuroinflammation in β amyloid-induced Alzheimer's disease models.. <i>Neurochemistry International</i> , 2022 , 154, 105298	4.4	0
28	Exercise-Eating Pattern and Social Inclusion (EES) is an Effective Modulator of Pathophysiological Hallmarks of Alzheimer's Disease.		
27	Mitochondria and Other Organelles in Neural Development and Their Potential as Therapeutic Targets in Neurodegenerative Diseases.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 853911	5.1	0
26	Coenzyme Q10 effects in neurological diseases. <i>Physiological Research</i> , 2021 , S683-S714	2.1	
25	Data_Sheet_1.pdf. 2020 ,		
24	Table_1.doc. 2020 ,		
23	Coenzyme Q10 effects in neurological diseases.. <i>Physiological Research</i> , 2021 , 70, S683-S714	2.1	
22	Free Radicals in Oxidative Stress, Aging, and Neurodegenerative Disorders. 2022 , 225-252		1
21	Defective mitophagy and the etiopathogenesis of Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2022 , 11,	10.3	0
20	Triplication of HSA21 on alterations in structure and function of mitochondria. <i>Mitochondrion</i> , 2022 , 65, 88-101	4.9	0
19	Mitophagy Impairments as Culprit of Alzheimer's Disease. 2022 , 115-143		

18	Cholinergic Neuron Targeting Nanosystem Delivering Hybrid Peptide for Combinatorial Mitochondrial Therapy in Alzheimer's Disease. <i>ACS Nano</i> ,	16.7	3
17	The Pivotal Role of NF- κ B in the Pathogenesis and Therapeutics of Alzheimer's Disease. 2022 , 23, 8972		2
16	The Influence of Heparan Sulfate on Breast Amyloidosis and the Toxicity of the Pre-fibrils Formed by β -casein.		
15	A metabolic and mitochondrial angle on aging. 2023 , 175-256		0
14	Triplicated HSA21 genes and mtDNA on mitochondrial dysfunction. 2022 , 181-217		0
13	Resveratrol: A potential therapeutic natural polyphenol for neurodegenerative diseases associated with mitochondrial dysfunction. 13,		3
12	A new triphenylphosphonium-conjugated amphipathic cationic peptide with improved cell-penetrating and ROS-targeting properties. 2023 , 4, 100148		0
11	Mitochondrial Dysfunction in Down Syndrome: From Pathology to Therapy. 2022 ,		0
10	SS31 Confers Cerebral Protection by Reversing Mitochondrial Dysfunction in Early Brain Injury Following Subarachnoid Hemorrhage, via the Nrf2- and PGC-1 β -Dependent Pathways.		0
9	Non-Enzymatic Antioxidants against Alzheimer's Disease: Prevention, Diagnosis and Therapy. 2023 , 12, 180		1
8	Early Mitochondrial Defects in the 5xFAD Mouse Model of Alzheimer's Disease. 2023 , 1-16		0
7	The Protective Effects of Policosanol on Learning and Memory Impairments in a Male Rat Model of Alzheimer's Disease.		1
6	Coenzyme Q as an Antiaging Strategy. 2023 , 17-39		0
5	Mitochondrial mechanisms in Alzheimer's disease: Quest for therapeutics. 2023 , 28, 103547		0
4	Untangle the mystery behind DS-associated AD: Is APP the main protagonist?. 2023 , 87, 101930		0
3	Mitochondria-Targeted Antioxidants, an Innovative Class of Antioxidant Compounds for Neurodegenerative Diseases: Perspectives and Limitations. 2023 , 24, 3739		1
2	The mitochondria-targeted small molecule SS31 delays progression of behavioral deficits by attenuating β -amyloid plaque formation and mitochondrial/synaptic deterioration in APP/PS1 mice. 2023 , 658, 36-43		0
1	Mitophagy regulation in aging and neurodegenerative disease.		0

