

CITATION REPORT

List of articles citing

Oxidative stress in brain aging. Implications for therapeutics of neurodegenerative diseases

DOI: 10.1016/s0197-4580(02)00019-2
Neurobiology of Aging, 2002, 23, 795-807.

Source: <https://exaly.com/paper-pdf/34278347/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
681	Folate and vitamin E deficiency impair cognitive performance in mice subjected to oxidative stress: differential impact on normal mice and mice lacking apolipoprotein E. 2003 , 4, 197-202		19
680	Coenzyme Q, Vitamin E and Apo-E alleles in Alzheimer Disease. 2003 , 18, 277-81		16
679	Gene expression profile of oxidant stress and neurodegeneration in transgenic mice deficient in alpha-tocopherol transfer protein. 2003 , 35, 1343-54		93
678	Synthesis and preliminary biological evaluations of ionic and nonionic amphiphilic alpha-phenyl-N-tert-butyl nitron derivatives. 2003 , 46, 5230-7		32
677	Endomorphins, endogenous opioid peptides, provide antioxidant defense in the brain against free radical-induced damage. 2003 , 1639, 195-202		24
676	Oxidized LDLs affect nitric oxide and radical generation in brain endothelial cells. 2003 , 311, 486-90		12
675	Can vitamin supplements prevent cognitive decline and dementia in old age?. 2003 , 77, 762-3		6
674	Differential susceptibility of transgenic mice lacking one or both apolipoprotein alleles to folate and vitamin E deprivation. 2004 , 6, 269-73		16
673	Oxidative stress and risk factors for Alzheimer's disease: clues to prevention and therapy. 2004 , 6, 185-91		28
672	Relationships between cerebrospinal fluid markers of excitotoxicity, ischemia, and oxidative damage after severe TBI: the impact of gender, age, and hypothermia. 2004 , 21, 125-36		146
671	Ubiquitin-dependent lysosomal degradation of the HNE-modified proteins in lens epithelial cells. 2004 , 18, 1424-6		93
670	Neuronal apoptotic bodies: phagocytosis and degradation by primary microglial cells. 2004 , 18, 743-5		85
669	Vascular inflammatory, oxidative and protease-based processes: implications for neuronal cell death in Alzheimer's disease. 2004 , 26, 540-6		36
668	Antioxidants for the treatment of mild cognitive impairment. 2004 , 26, 598-602		40
667	Polymorphisms in glutathione S-transferase omega-1 and AD, vascular dementia, and stroke. 2004 , 63, 2255-60		89
666	Dose-dependent regulation of superoxide anion on the proliferation, differentiation, apoptosis and necrosis of human hepatoma cells: the role of intracellular Ca ²⁺ . 2004 , 9, 37-48		12
665	Involvement of ERK MAP kinase in endoplasmic reticulum stress in SH-SY5Y human neuroblastoma cells. 2004 , 89, 232-9		54

664	Melatonin reduces amyloid beta-induced apoptosis in pheochromocytoma (PC12) cells. 2004 , 37, 257-66	61
663	Induction of endothelial iNOS by 4-hydroxyhexenal through NF-kappaB activation. 2004 , 37, 539-48	45
662	Redox state alteration modulates astrocyte glucuronidation. 2004 , 37, 1051-63	9
661	Protective effect of melatonin on beta-amyloid-induced apoptosis in rat astrogloma C6 cells and its mechanism. 2004 , 37, 1790-801	107
660	Retinal oxidation, apoptosis and age- and sex-differences in the mnd mutant mouse, a model of neuronal ceroid lipofuscinosis. 2004 , 1014, 209-20	28
659	The S-adenosyl homocysteine hydrolase inhibitor 3-deaza-adenosine prevents oxidative damage and cognitive impairment following folate and vitamin E deprivation in a murine model of age-related, oxidative stress-induced neurodegeneration. 2004 , 5, 171-80	5
658	Can dementia be prevented? Brain aging in a population-based context. 2004 , 25, 1-24	127
657	Brain region-specific, age-related, alterations in mitochondrial responses to elevated calcium. 2004 , 36, 401-6	62
656	Biochemical aspects of neurodegeneration in human brain: involvement of neural membrane phospholipids and phospholipases A2. 2004 , 29, 1961-77	154
655	Identification of post-mortem cerebrospinal fluid proteins as potential biomarkers of ischemia and neurodegeneration. 2004 , 4, 2234-41	79
654	Indole-based analogs of melatonin: in vitro antioxidant and cytoprotective activities. 2004 , 36, 95-102	38
653	Increased transcription and activity of glutathione synthase in response to deficiencies in folate, vitamin E, and apolipoprotein E. 2004 , 75, 508-15	36
652	In silico analysis of gene expression profiles in the olfactory mucosae of aging senescence-accelerated mice. 2004 , 77, 430-52	11
651	Ischaemic preconditioning: therapeutic implications for stroke?. 2004 , 8, 125-39	24
650	Neuroprotective strategies in Alzheimer's disease. 2004 , 1, 117-27	55
649	Increased oxidative stress is associated with chronic intermittent hypoxia-mediated brain cortical neuronal cell apoptosis in a mouse model of sleep apnea. 2004 , 126, 313-23	303
648	Oxidative damage to DNA, p53 gene expression and p53 protein level in the process of aging in rat brain. 2004 , 139, 227-36	28
647	Antioxidants effectively prevent oxidation-induced protein damage in OLN 93 cells. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 421, 54-60	4.1 21

646	Reactive oxygen species and synaptic plasticity in the aging hippocampus. 2004 , 3, 431-43	323
645	Involvement of oxidative stress-induced abnormalities in ceramide and cholesterol metabolism in brain aging and Alzheimer's disease. 2004 , 101, 2070-5	791
644	Free radicals and brain aging. 2004 , 20, 329-59	220
643	Age-related decline in striatal volume in rhesus monkeys: assessment of long-term calorie restriction. <i>Neurobiology of Aging</i> , 2004 , 25, 193-200	5.6 22
642	Apple juice prevents oxidative stress induced by amyloid-beta in culture. 2004 , 6, 27-30	46
641	Peripheral markers of oxidative stress and excitotoxicity in neurodegenerative disorders: tools for diagnosis and therapy?. 2004 , 6, 177-84	51
640	Oxidative stress in mild cognitive impairment and Alzheimer disease: a continuum. 2004 , 6, 159-63	55
639	Apple juice concentrate prevents oxidative damage and impaired maze performance in aged mice. 2005 , 8, 283-7	30
638	Monitoring thiobarbituric acid-reactive substances (TBARs) as an assay for oxidative damage in neuronal cultures and central nervous system. 2005 , 141, 219-22	57
637	Beta-site APP cleaving enzyme up-regulation induced by 4-hydroxynonenal is mediated by stress-activated protein kinases pathways. 2005 , 92, 628-36	275
636	Role of NADPH oxidase in the brain injury of intracerebral hemorrhage. 2005 , 94, 1342-50	101
635	The crucial role of metal ions in neurodegeneration: the basis for a promising therapeutic strategy. 2005 , 146, 1041-59	290
634	Melatonin neutralizes neurotoxicity induced by quinolinic acid in brain tissue culture. 2005 , 39, 266-75	36
633	Long-term melatonin or 17beta-estradiol supplementation alleviates oxidative stress in ovariectomized adult rats. 2005 , 39, 195-204	44
632	Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses. 2005 , 39, 876-89	71
631	A transient treatment of hippocampal neurons with alpha-tocopherol induces a long-lasting protection against oxidative damage via a genomic action. 2005 , 39, 1009-20	28
630	Fruit and vegetable consumption and cognitive decline in aging women. 2005 , 57, 713-20	204
629	Pyruvate dehydrogenase complex: metabolic link to ischemic brain injury and target of oxidative stress. 2005 , 79, 240-7	117

628	Brain aging phenomena in migrating sockeye salmon <i>Oncorhynchus nerka nerka</i> . 2005 , 112, 1177-99		8
627	N-PEP-12--a novel peptide compound that protects cortical neurons in culture against different age and disease associated lesions. 2005 , 112, 1331-43		7
626	Oxidative stress and inflammation in brain aging: nutritional considerations. 2005 , 30, 927-35		106
625	Aging-associated changes in gene expression in the ACI rat prostate: Implications for carcinogenesis. 2005 , 63, 169-86		20
624	Cell culture models of oxidative stress and injury in the central nervous system. 2005 , 2, 73-89		59
623	Oxidative stress, antioxidants and neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2005 , 11, 2033-52	3.3	108
622	Selectivity of the ubiquitin pathway for oxidatively modified proteins: relevance to protein precipitation diseases. 2005 , 19, 1707-9		78
621	Normal brain ageing: models and mechanisms. 2005 , 360, 2347-54		72
620	Nutrients, Stress, and Medical Disorders. 2005 ,		5
619	Coelenterazine (marine bioluminescent substrate): a source of inspiration for the discovery of novel antioxidants. 2005 , 31, 827-49		13
618	Phospholipid transfer protein (PLTP) deficiency reduces brain vitamin E content and increases anxiety in mice. 2005 , 19, 296-7		96
617	Increased oxidative damage to DNA in an animal model of amyotrophic lateral sclerosis. 2005 , 39, 383-8		61
616	Antioxidative and steroid systems in neurological and psychiatric disorders. 2005 , 6, 26-35		12
615	4-Oxo-2-nonenal is both more neurotoxic and more protein reactive than 4-hydroxy-2-nonenal. 2005 , 18, 1219-31		135
614	Anti-oxidant and anti-inflammatory activities of macelignan in murine hippocampal cell line and primary culture of rat microglial cells. 2005 , 331, 1264-9		86
613	Selegiline protects against recognition memory impairment induced by neonatal iron treatment. 2005 , 196, 177-83		31
612	Brain, aging and neurodegeneration: role of zinc ion availability. 2005 , 75, 367-90		200
611	Vitamin E levels, cognitive impairment and dementia in older persons: the InCHIANTI study. <i>Neurobiology of Aging</i> , 2005 , 26, 987-94	5.6	75

610	Chronological primacy of oxidative stress in Alzheimer disease. <i>Neurobiology of Aging</i> , 2005 , 26, 579-80	5.6	40
609	The beneficial effects of fruit polyphenols on brain aging. <i>Neurobiology of Aging</i> , 2005 , 26 Suppl 1, 128-32	3.6	165
608	Novel tacrine-melatonin hybrids as dual-acting drugs for Alzheimer disease, with improved acetylcholinesterase inhibitory and antioxidant properties. 2006 , 49, 459-62		223
607	Redox regulation of heat shock protein expression by signaling involving nitric oxide and carbon monoxide: relevance to brain aging, neurodegenerative disorders, and longevity. 2006 , 8, 444-77		102
606	Clinical oxidation parameters of aging. 2006 , 40, 1339-49		103
605	Electrochemistry of copper complexes with macrocyclic polyamines containing pyrazole units. 2006 , 49, 4926-35		5
604	Protein oxidation and degradation during aging: role in skin aging and neurodegeneration. 2006 , 40, 1259-68		54
603	Protein Quality Control by the Ubiquitin Proteolytic Pathway: Roles in Resistance to Oxidative Stress and Disease. 2006 , 46, 145-158		7
602	The crystal structure of NAD(P)H oxidase from <i>Lactobacillus sanfranciscensis</i> : insights into the conversion of O ₂ into two water molecules by the flavoenzyme. 2006 , 45, 9648-59		60
601	Immunoproteasome and LMP2 polymorphism in aged and Alzheimer's disease brains. <i>Neurobiology of Aging</i> , 2006 , 27, 54-66	5.6	162
600	Blueberry supplemented diet reverses age-related decline in hippocampal HSP70 neuroprotection. <i>Neurobiology of Aging</i> , 2006 , 27, 344-50	5.6	93
599	Alzheimer's lymphocytes are resistant to ultraviolet B-induced apoptosis. <i>Neurobiology of Aging</i> , 2006 , 27, 831-4	5.6	2
598	Visuospatial function in the beagle dog: an early marker of cognitive decline in a model of human aging and dementia. 2006 , 86, 197-204		90
597	Current and emerging pharmacological treatment options for dementia. 2006 , 17, 5-16		50
596	Dietary and genetically-induced oxidative stress alter tau phosphorylation: influence of folate and apolipoprotein E deficiency. 2006 , 9, 399-405		41
595	Antiamnesic effects of <i>Desmodium gangeticum</i> in mice. 2006 , 126, 795-804		32
594	Involvement of oxidative stress in Alzheimer disease. 2006 , 65, 631-41		392
593	Aging causes partial loss of basal forebrain but no loss of pontine reticular cholinergic neurons. 2006 , 17, 1819-23		34

592	Apple juice concentrate maintains acetylcholine levels following dietary compromise. 2006 , 9, 287-91	17
591	Peroxydation lipidique et vieillissement cérébral : l'apport des études épidémiologiques. 2006 , 13, 54-58	
590	The activation loop phosphorylation of protein kinase D is an early marker of neuronal DNA damage. 2006 , 99, 218-25	10
589	Protective effects of endomorphins, endogenous opioid peptides in the brain, on human low density lipoprotein oxidation. 2006 , 273, 1275-84	20
588	Beneficial effects of melatonin in experimental models of Alzheimer disease. 2006 , 27, 129-39	51
587	Ageing and neuronal vulnerability. 2006 , 7, 278-94	728
586	Malathion-induced oxidative stress in rat brain regions. 2006 , 31, 671-8	82
585	Convenient and efficient syntheses of 4-hydroxy-2(E)-nonenal and 4-oxo-2(E)-nonenal. 2006 , 41, 877-80	7
584	Early melatonin supplementation alleviates oxidative stress in a transgenic mouse model of Alzheimer's disease. 2006 , 40, 101-9	111
583	Inhibition of cathepsins and related proteases by amino acid, peptide, and protein hydroperoxides. 2006 , 40, 1539-48	53
582	The various aggregation states of beta-amyloid 1-42 mediate different effects on oxidative stress, neurodegeneration, and BACE-1 expression. 2006 , 41, 202-12	95
581	Aging affects but does not eliminate the enzymatic antioxidative response to hypoxia/reoxygenation in cerebral cortex. 2006 , 41, 25-31	25
580	Anxiolytic properties of green tea polyphenol (-)-epigallocatechin gallate (EGCG). 2006 , 1110, 102-15	125
579	SMP30 deficiency causes increased oxidative stress in brain. 2006 , 127, 451-7	66
578	Pharmacological actions of Thespesia populnea relevant to Alzheimer's disease. 2006 , 13, 677-87	55
577	Beneficial effects of berry fruit polyphenols on neuronal and behavioral aging. 2006 , 86, 2251-2255	38
576	Dysregulation of the ubiquitin-proteasome system in human carotid atherosclerosis. 2006 , 26, 2132-9	89
575	Ginkgo biloba leaf extract reverses amyloid beta-peptide-induced isoprostane production in rat brain in vitro. 2006 , 72, 1296-9	24

574	Treating vascular risk factors and maintaining vascular health: is this the way towards successful cognitive ageing and preventing cognitive decline?. 2006 , 82, 101-5	33
573	Oxidative stress, mitochondrial dysfunction, and stress signaling in Alzheimer's disease. 2006 , 3, 339-49	101
572	Functional Vitamin E deficiency in ApoE4 patients with Alzheimer's disease. 2006 , 21, 198-204	16
571	Proteasome regulation of oxidative stress in aging and age-related diseases of the CNS. 2006 , 8, 163-72	99
570	Nutritional Intervention in Brain Aging. 2007 , 299-318	77
569	Oxidative stress biology and cell injury during type 1 and type 2 diabetes mellitus. 2007 , 4, 63-71	156
568	Poor Nutrition with Aging: an "Oxidatively Stressing" Condition. 2007 , 3, 216-221	
567	Melatonin as Antioxidant Under Pathological Processes. 2007 , 1, 63-82	22
566	Inflammation in the Pathogenesis of Chronic Diseases. 2007 ,	4
565	Flavonoid intake and cognitive decline over a 10-year period. 2007 , 165, 1364-71	359
564	Prospects for Antioxidant Therapy in Mild Cognitive Impairment and Alzheimer's Disease. 2007 , 451-466	2
563	Is antioxidant therapy a viable alternative for mild cognitive impairment? Examination of the evidence. 2007 , 24, 1-19	31
562	Memory Enhancing Activity of Abana: An Indian Ayurvedic Poly-Herbal Formulation. 2007 , 53, 43-52	15
561	Oxidative stress and transcriptional regulation in Alzheimer disease. 2007 , 21, 276-91	115
560	Memory enhancing activity of Anwala churna (<i>Emblca officinalis</i> Gaertn.): an Ayurvedic preparation. 2007 , 91, 46-54	68
559	Quercetin attenuates spontaneous behavior and spatial memory impairment in d-galactose-treated mice by increasing brain antioxidant capacity. 2007 , 27, 169-175	45
558	Mitochondrial dysfunction: the first domino in brain aging and Alzheimer's disease?. 2007 , 9, 1659-75	160
557	Homocysteine: more than just a matter of life and death. 2007 , 205, 5-8	3

556	Vitamin E and neurodegenerative diseases. 2007 , 28, 591-606	73
555	Biochemical analysis of ecto-nucleotide pyrophosphatase phosphodiesterase activity in brain membranes indicates involvement of NPP1 isoenzyme in extracellular hydrolysis of diadenosine polyphosphates in central nervous system. 2007 , 50, 581-90	20
554	Melatonin and the aging brain. 2007 , 50, 571-80	39
553	Peroxiredoxin Systems. 2007 ,	14
552	Memory-Enhancing Activity of <i>Thespesia populnea</i> . in Rats. 2007 , 45, 267-273	21
551	IFN-gamma-induced BACE1 expression is mediated by activation of JAK2 and ERK1/2 signaling pathways and direct binding of STAT1 to BACE1 promoter in astrocytes. 2007 , 55, 253-62	87
550	A novel compound, maltolyl p-coumarate, attenuates cognitive deficits and shows neuroprotective effects in vitro and in vivo dementia models. 2007 , 85, 2500-11	11
549	Nutritional status determinants and cognition in the elderly. 2007 , 44 Suppl 1, 143-53	39
548	Ageing and the brain. 2007 , 211, 181-7	134
547	Reactive oxygen-mediated damage to a human DNA replication and repair protein. 2007 , 8, 1074-9	72
546	Calcium and neurodegeneration. 2007 , 6, 337-50	560
545	Effects of age and caloric intake on glutathione redox state in different brain regions of C57BL/6 and DBA/2 mice. 2007 , 1127, 10-8	80
544	Alpha-tocopherol-mediated long-lasting protection against oxidative damage involves an attenuation of calcium entry through TRP-like channels in cultured hippocampal neurons. 2007 , 42, 1326-37	26
543	Deletion of the life span determinant p66Shc prevents age-dependent increases in emotionality and pain sensitivity in mice. 2007 , 42, 37-45	68
542	Delayed neurodegeneration and early astrogliosis after excitotoxicity to the aged brain. 2007 , 42, 343-54	26
541	Fruit polyphenols and their effects on neuronal signaling and behavior in senescence. 2007 , 1100, 470-85	77
540	Plant phenolics as prolyl endopeptidase inhibitors. 2007 , 30, 827-33	15
539	Molecular targets of non-steroidal anti-inflammatory drugs in neurodegenerative diseases. 2007 , 64, 1403-18	80

538	The molecular link between beta- and gamma-secretase activity on the amyloid beta precursor protein. 2007 , 64, 2211-8	44
537	Antioxidant effects of selegiline in oxidative stress induced by iron neonatal treatment in rats. 2007 , 32, 965-72	13
536	Metals ions and neurodegeneration. 2007 , 20, 639-54	153
535	Accelerated infarct development, cytogenesis and apoptosis following transient cerebral ischemia in aged rats. 2007 , 113, 277-93	103
534	Carbofuran-induced oxidative stress in mammalian brain. 2007 , 37, 66-71	66
533	Analysis of calcium ion homeostasis and mitochondrial function in cerebellar granule cells of adult CaV 2.1 calcium ion channel mutant mice. 2008 , 13, 1-18	17
532	Promotion of cellular NAD(+) anabolism: therapeutic potential for oxidative stress in ageing and Alzheimer's disease. 2008 , 13, 173-84	42
531	Differential response to lipid peroxidation in male and female mice with age: correlation of antioxidant enzymes matters. 2008 , 9, 335-43	18
530	Design, synthesis and pharmacological evaluation of hybrid molecules out of quinazolinimines and lipoic acid lead to highly potent and selective butyrylcholinesterase inhibitors with antioxidant properties. 2008 , 16, 4252-61	84
529	The oxidation products of melatonin derivatives exhibit acetylcholinesterase and butyrylcholinesterase inhibitory activity. 2008 , 45, 40-9	13
528	Neuroprotective actions of deferiprone in cultured cortical neurones and SHSY-5Y cells. 2008 , 105, 2466-76	61
527	Promoting cognitive health and vitality: a review of clinical implications. 2008 , 29, 302-10	11
526	Diphenyl diselenide confers neuroprotection against hydrogen peroxide toxicity in hippocampal slices. 2008 , 1199, 138-47	37
525	Exogenous melatonin decreases age-induced lipid peroxidation in the brain. 2008 , 1238, 31-5	30
524	Deletion of the lifespan determinant p66(Shc) improves performance in a spatial memory task, decreases levels of oxidative stress markers in the hippocampus and increases levels of the neurotrophin BDNF in adult mice. 2008 , 43, 200-8	38
523	Dietary patterns derived by hybrid clustering method in older people: association with cognition, mood, and self-rated health. 2008 , 108, 1461-71	125
522	Accumulation of nuclear DNA damage or neuron loss: molecular basis for a new approach to understanding selective neuronal vulnerability in neurodegenerative diseases. 2008 , 7, 1087-97	57
521	Infrared spectroscopy: a reagent-free method to distinguish Alzheimer's disease patients from normal-aging subjects. 2008 , 152, 103-12	28

520 Neurochemical Aspects of Excitotoxicity. **2008**,

519 Nutrition et prévention du déclin cognitif et démence. **2008**, 43, 77-89

518 Age-associated alterations of lipofuscin, membrane-bound ATPases and intracellular calcium in cortex, striatum and hippocampus of rat brain: protective role of glutathione monoester. **2008**, 26, 211-5 24

517 Endomorphins and morphine limit anoxia-reoxygenation-induced brain mitochondrial dysfunction in the mouse. **2008**, 82, 752-63 28

516 Comparative study of hydrogen peroxide- and 4-hydroxy-2-nonenal-induced cell death in HT22 cells. **2008**, 52, 776-85 18

515 Mitochondrial dysfunction in rat brain with aging Involvement of complex I, reactive oxygen species and cardiolipin. **2008**, 53, 126-31 138

514 The chemistry of cell signaling by reactive oxygen and nitrogen species and 4-hydroxynonenal. *Archives of Biochemistry and Biophysics*, **2008**, 477, 183-95 4.1 194

513 The effects of acute and repeated oroxylin A treatments on Abeta(25-35)-induced memory impairment in mice. **2008**, 55, 639-47 60

512 Melatonin prevents age-related mitochondrial dysfunction in rat brain via cardiolipin protection. **2008**, 11, 935-43 50

511 Reactive oxygen species generation is modulated by mitochondrial kinases: correlation with mitochondrial antioxidant peroxidases in rat tissues. **2008**, 90, 1566-77 57

510 Vitamin C depletion increases superoxide generation in brains of SMP30/GNL knockout mice. **2008**, 377, 291-6 57

509 [Immunological markers of ageing]. **2008**, 43, 167-79 1

508 An examination of the effects of the antioxidant Pycnogenol on cognitive performance, serum lipid profile, endocrinological and oxidative stress biomarkers in an elderly population. **2008**, 22, 553-62 90

507 Potential cytoprotection: antioxidant defence by caffeic acid phenethyl ester against free radical-induced damage of lipids, DNA, and proteins. **2008**, 86, 279-87 38

506 Heteroaryl nitrones as drugs for neurodegenerative diseases: synthesis, neuroprotective properties, and free radical scavenger properties. **2008**, 51, 6150-9 43

505 *Drosophila alicorn* is a neuronal maintenance factor protecting against activity-induced retinal degeneration. **2008**, 28, 6419-29 47

504 Topographic trace-elemental analysis in the brain of Wistar rats by X-ray microfluorescence with synchrotron radiation. **2008**, 24, 839-42 13

503 Beneficial effects of phenolic compounds from fruit and vegetables in neurodegenerative diseases. **2008**, 145-181

502	Challenges for research on polyphenols from foods in Alzheimer's disease: bioavailability, metabolism, and cellular and molecular mechanisms. 2008 , 56, 4855-73		337
501	Endogenous Defenses that Protect Dopamine Neurons: Studies with 6-ohda Models of Parkinson's Disease. 2008 , 173-194		
500	Low plasma eicosapentaenoic acid and depressive symptomatology are independent predictors of dementia risk. 2008 , 88, 714-21		128
499	Oxidative stress and anxiety: relationship and cellular pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2009 , 2, 63-7	6.7	292
498	Ascorbic acid and rates of cognitive decline in Alzheimer's disease. 2009 , 16, 93-8		56
497	Oxidative stress and hypoxia contribute to Alzheimer's disease pathogenesis: two sides of the same coin. 2009 , 9, 781-91		54
496	Antioxidant effects of garlic in young and aged rat brain in vitro. 2009 , 12, 1166-9		22
495	Molecular pathogenesis of Alzheimer's disease: reductionist versus expansionist approaches. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 1386-406	6.3	37
494	Olive oil and cognition: results from the three-city study. 2009 , 28, 357-64		95
493	Iron-induced oxidative injury differentially regulates PI3K/Akt/GSK3beta pathway in synaptic endings from adult and aged rats. 2009 , 111, 331-44		36
492	A machine-learning approach to the prediction of oxidative stress in chronic inflammatory disease. 2009 , 14, 23-33		13
491	Interaction of phosphodiesterase 5 inhibitor with malathion on rat brain mitochondrial-bound hexokinase activity. 2009 , 95, 121-125		12
490	Protective effect of supercritical fluid rosemary extract, <i>Rosmarinus officinalis</i> , on antioxidants of major organs of aged rats. 2009 , 44, 383-9		66
489	Oxidative damage and cognitive dysfunction: antioxidant treatments to promote healthy brain aging. 2009 , 34, 670-8		85
488	Antiamnesic potential of <i>Murraya koenigii</i> leaves. <i>Phytotherapy Research</i> , 2009 , 23, 308-16	6.7	34
487	Long-term melatonin administration protects brain mitochondria from aging. 2009 , 47, 192-200		108
486	Attenuation of iNOS and COX2 by blueberry polyphenols is mediated through the suppression of NF- κ B activation. 2009 , 1, 274-283		49
485	Nutrition, longevity and behavior. 2009 , 49 Suppl 1, 19-27		28

484	Lipid peroxidation induced by expandable clay minerals. 2009 , 43, 7550-5		34
483	Grape juice, berries, and walnuts affect brain aging and behavior. 2009 , 139, 1813S-7S		137
482	Palladium alpha-lipoic acid complex formulation enhances activities of Krebs cycle dehydrogenases and respiratory complexes I-IV in the heart of aged rats. 2009 , 47, 2124-8		20
481	Melatonin: circadian rhythm regulator, chronobiotic, antioxidant and beyond. 2009 , 27, 202-9		29
480	Epigallocatechin gallate (EGCG) suppresses beta-amyloid-induced neurotoxicity through inhibiting c-Abl/FE65 nuclear translocation and GSK3 beta activation. <i>Neurobiology of Aging</i> , 2009 , 30, 81-92	5.6	61
479	Control of OXPHOS efficiency by complex I in brain mitochondria. <i>Neurobiology of Aging</i> , 2009 , 30, 622-95.6		25
478	Gene variations in GSTM3 are a risk factor for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009 , 30, 691-6.6		17
477	Fish, docosahexaenoic acid and Alzheimer's disease. 2009 , 48, 239-56		224
476	Premature aging in vitamin D receptor mutant mice. 2009 , 115, 91-7		101
475	Mitochondrial alterations in aging rat brain: effective role of (-)-epigallo catechin gallate. 2009 , 27, 223-31		45
474	Proinflammatory cytokines provoke oxidative damage to actin in neuronal cells mediated by Rac1 and NADPH oxidase. 2009 , 41, 274-85		42
473	Peripheral blood mononuclear cells from mild cognitive impairment patients show deregulation of Bax and Sod1 mRNAs. 2009 , 453, 36-40		17
472	Environmental toxicants inhibit neuronal Jak tyrosine kinase by mitochondrial disruption. 2009 , 30, 589-98		32
471	Age-related alterations in the expression of MTH2 in the hippocampus of the SAMP8 mouse with learning and memory deterioration. 2009 , 287, 188-96		22
470	Lead-induced alteration of apoptotic proteins in different regions of adult rat brain. 2009 , 184, 56-60		35
469	Common pathological processes and transcriptional pathways in Alzheimer's disease and type 2 diabetes. 2009 , 16, 787-808		45
468	Oxidative stress and autophagy in the regulation of lysosome-dependent neuron death. 2009 , 11, 481-96		88
467	Carnosine attenuates oxidative stress and apoptosis in transient cerebral ischemia in rats. 2009 , 60, 137-48		35

466	Antioxidant Lignans from the Fruits of <i>Broussonetia papyrifera</i> . 2009 , 72, 621-5		53
465	Oxidative stress and neurodegenerative diseases: a review of upstream and downstream antioxidant therapeutic options. 2009 , 7, 65-74		2177
464	Dietary vitamin E, brain redox status and expression of Alzheimer's disease-relevant genes in rats. 2009 , 102, 398-406		23
463	Antiinflammatory activity of melatonin in central nervous system. 2010 , 8, 228-42		257
462	The role of mitochondria in brain aging and the effects of melatonin. 2010 , 8, 182-93		43
461	Plasma gelsolin is decreased and correlates with rate of decline in Alzheimer's disease. 2010 , 21, 585-96		58
460	Improved mitochondrial function in brain aging and Alzheimer disease - the new mechanism of action of the old metabolic enhancer piracetam. 2010 , 4,		26
459	Peripheral antioxidant markers in mild cognitive impairment and its progression to dementia. 2010 , 21, 1179-83		6
458	Mitochondrial dysfunction: common final pathway in brain aging and Alzheimer's disease--therapeutic aspects. <i>Molecular Neurobiology</i> , 2010 , 41, 159-71	6.2	181
457	Nrf2-encoding NFE2L2 haplotypes influence disease progression but not risk in Alzheimer's disease and age-related cataract. 2010 , 131, 105-10		65
456	Age-related changes in mitochondrial respiration and oxidative damage in the cerebral cortex of the Fischer 344 rat. 2010 , 131, 133-43		54
455	Greater resistance to inflammation at adulthood could contribute to extended life span of p66(Shc ^{-/-}) mice. 2010 , 45, 343-50		14
454	Therapeutic potential of <i>Ganoderma lucidum</i> (Fr.) P. Karst. against the declined antioxidant status in the mitochondria of post-mitotic tissues of aged mice. 2010 , 29, 406-12		35
453	Chronic green tea catechins administration prevents oxidative stress-related brain aging in C57BL/6J mice. 2010 , 1353, 28-35		42
452	Quantitative structure-activity relationship for 4-hydroxy-2-alkenal induced cytotoxicity in L6 muscle cells. 2010 , 188, 171-80		21
451	Novel antioxidants in food quality preservation and health promotion. 2010 , 112, 930-940		253
450	CNS Drug Targets in Development and Future Perspectives. 245-286		
449	Selective inhibition of butyrylcholinesterase by singlet oxygen-generated melatonin derivatives. 2010 , 49, 55-9		3

448	Mechanism of genotoxicity induced by targeted cytoplasmic irradiation. 2010 , 103, 1263-8		30
447	Purple sweet potato color alleviates D-galactose-induced brain aging in old mice by promoting survival of neurons via PI3K pathway and inhibiting cytochrome C-mediated apoptosis. 2010 , 20, 598-612		116
446	. 2010 ,		3
445	Oxidative stress mediates the pathogenic effect of different Alzheimer's disease risk factors. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2, 3	5-3	74
444	Insulin/IGF-I and related signaling pathways regulate aging in nondividing cells: from yeast to the mammalian brain. 2010 , 10, 161-77		34
443	Markers of oxidative stress in erythrocytes and plasma during aging in humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2010 , 3, 2-12	6-7	268
442	Pharmacological evidences for anti-amnesic potentials of <i>Phyllanthus amarus</i> in mice. 2010 , 10,		2
441	Increased Serum Cu/Zn Superoxide Dismutase in Individuals with Anxiety. 2010 , 3, PRI.S5180		1
440	Selective neuronal vulnerability to oxidative stress in the brain. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2, 12	5-3	493
439	NT-020, a natural therapeutic approach to optimize spatial memory performance and increase neural progenitor cell proliferation and decrease inflammation in the aged rat. 2010 , 13, 581-8		46
438	Redox control of prion and disease pathogenesis. 2010 , 12, 1271-94		52
437	Protection by pentoxifylline of malathion-induced toxic stress and mitochondrial damage in rat brain. 2010 , 29, 851-64		65
436	Oxidative stress and altered mitochondrial function in neurodegenerative diseases: lessons from mouse models. 2010 , 9, 439-54		70
435	Role of mitochondrial amyloid-beta in Alzheimer's disease. 2010 , 20 Suppl 2, S569-78		123
434	Antioxidants Combined with Behavioral Enrichment Can Slow Brain Aging. 2010 , 381-397		0
433	Lipid oxidation and improving the oxidative stability. 2010 , 39, 4067-79		504
432	Vitamin E forms in Alzheimer's disease: a review of controversial and clinical experiences. 2010 , 50, 414-9		39
431	The neurobiology of isoprostanes and Alzheimer's disease. 2010 , 1801, 930-3		46

430	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by D-galactose in mice. 2010 , 48, 626-32		134
429	Age-associated changes in synaptic lipid raft proteins revealed by two-dimensional fluorescence difference gel electrophoresis. <i>Neurobiology of Aging</i> , 2010 , 31, 2146-59	5.6	15
428	Oxidative stress in the progression of Alzheimer disease in the frontal cortex. 2010 , 69, 155-67		362
427	Protective effects of prescription n-3 fatty acids against impairment of spatial cognitive learning ability in amyloid β infused rats. 2011 , 2, 386-94		25
426	Induction of methionine-sulfoxide reductases protects neurons from amyloid β protein insults in vitro and in vivo. 2011 , 50, 10687-97		42
425	A dendrimer-based platform for simultaneous dual fluorescence imaging of hydrogen peroxide and pH gradients produced in living cells. 2011 , 2, 1156		71
424	In vitro screening for acetylcholinesterase inhibition and antioxidant activity of medicinal plants from southern Africa. 2011 , 4, 829-35		76
423	Effects of Taurine and Age on Cerebellum Antioxidant Status and Oxidative Stress. 2011 , 5, 166-170		11
422	Redox regulation of the intrinsic pathway in neuronal apoptosis. 2011 , 14, 1437-48		100
421	Chemical characterization of the avenanthramide-rich extract from oat and its effect on D-galactose-induced oxidative stress in mice. 2011 , 59, 206-11		47
420	Inhibition of amyloid-beta (A β) peptide-binding alcohol dehydrogenase-A β interaction reduces A β accumulation and improves mitochondrial function in a mouse model of Alzheimer's disease. 2011 , 31, 2313-20		139
419	Perspective and Directions for Future Studies. 2011 , 377-384		
418	Perturbed cellular response to brain injury during aging. 2011 , 10, 71-9		86
417	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. 2011 , 49, 2618-23		46
416	Mitochondrial dysfunction in brain aging: role of oxidative stress and cardiolipin. 2011 , 58, 447-57		149
415	Neuroprotective effects of Abacopterin E from <i>Abacopteris penangiana</i> against oxidative stress-induced neurotoxicity. 2011 , 134, 275-80		17
414	Membrane cholesterol enrichment prevents A β -induced oxidative stress in Alzheimer's fibroblasts. <i>Neurobiology of Aging</i> , 2011 , 32, 210-22	5.6	34
413	Cyp46-mediated cholesterol loss promotes survival in stressed hippocampal neurons. <i>Neurobiology of Aging</i> , 2011 , 32, 933-43	5.6	20

412	Antioxidant Effects of Oats Avenanthramides on Human Serum. 2011 , 10, 1301-1305	24
411	The potential application of iron chelators for the treatment of neurodegenerative diseases. 2011 , 3, 239-49	66
410	Rhinacanthus nasutus protects cultured neuronal cells against hypoxia induced cell death. 2011 , 16, 6322-38	26
409	Neuroprotective and ameliorative actions of polyunsaturated fatty acids against neuronal diseases: beneficial effect of docosahexaenoic acid on cognitive decline in Alzheimer's disease. 2011 , 116, 150-62	76
408	Synthesis and antioxidant activities of novel 4-Schiff base-7-benzyloxy-coumarin derivatives. 2011 , 21, 6811-5	51
407	Determination of lipid peroxidation and cytotoxicity in calcium, magnesium, titanium and hectorite (SHCa-1) suspensions. 2011 , 82, 418-23	11
406	Oxidative stress, cytotoxicity, and cell mortality induced by nano-sized lead in aqueous suspensions. 2011 , 84, 1329-35	26
405	Protective effects of YC-1 against glutamate induced PC12 cell apoptosis. 2011 , 31, 303-11	16
404	Oxidative damage to RNA and expression patterns of MTH1 in the hippocampi of senescence-accelerated SAMP8 mice and Alzheimer's disease patients. 2011 , 36, 1558-65	31
403	Overexpression of aldehyde dehydrogenase-2 attenuates neurotoxicity induced by 4-hydroxynonenal in cultured primary hippocampal neurons. 2011 , 19, 412-22	24
402	Age-related changes in xanthine oxidase activity and lipid peroxidation, as well as in the correlation between both parameters, in plasma and several organs from female mice. 2011 , 67, 551-8	25
401	Inhibitory effect of <i>Lavandula viridis</i> on Fe(2+)-induced lipid peroxidation, antioxidant and anti-cholinesterase properties. 2011 , 126, 1779-86	44
400	Epidemiological studies on cognition and the omega-6/omega-3 balance. 2011 , 102, 92-97	3
399	Brain Aging: A Critical Reappraisal. 2012 , 1-18	5
398	Brain Aging and Therapeutic Interventions. 2012 ,	4
397	The endocannabinoid system in normal and pathological brain ageing. 2012 , 367, 3326-41	85
396	Effects of natural antioxidants in neurodegenerative disease. 2012 , 15, 1-9	188
395	Neurodegeneration in Hypoxia: Implications in Aging. 2012 , 177-189	4

394	Protective effects of chronic green tea consumption on age-related neurodegeneration. <i>Current Pharmaceutical Design</i> , 2012 , 18, 4-14	3-3	47
393	Greater nucleic acids oxidation in the temporal lobe than the frontal lobe in SAMP8. 2012 , 23, 508-12		1
392	Physiology and pathology of calcium signaling in the brain. 2012 , 3, 61		95
391	The evolving landscape of neurotoxicity by unconjugated bilirubin: role of glial cells and inflammation. 2012 , 3, 88		81
390	Protective effect of 7-difluoromethoxy-5,4'-Di-hydroxyl isoflavone against the damage induced by glutamate in PC12 cells. 2012 , 30, 1159-65		1
389	The chalcone derivative Chana 1 protects against amyloid β peptide-induced oxidative stress and cognitive impairment. 2012 , 30, 193-8		1
388	Could nutrition prevent the onset of dementia? Current evidence from epidemiological and intervention studies. 2012 , 2, 305-314		9
387	Critical evaluation of ayurvedic plants for stimulating intrinsic antioxidant response. 2012 , 6, 112		13
386	Recruiting adaptive cellular stress responses for successful brain ageing. 2012 , 13, 209-16		129
385	Naringenin ameliorates Alzheimer's disease (AD)-type neurodegeneration with cognitive impairment (AD-TNDCI) caused by the intracerebroventricular-streptozotocin in rat model. 2012 , 61, 1081-93		101
384	Protein oxidation inhibits NO-mediated signaling pathway for synaptic plasticity. <i>Neurobiology of Aging</i> , 2012 , 33, 535-45	5.6	11
383	Combined age- and trauma-related proteomic changes in rat neocortex: a basis for brain vulnerability. <i>Neurobiology of Aging</i> , 2012 , 33, 1857-73	5.6	15
382	N-acetylcysteine reverses existing cognitive impairment and increased oxidative stress in glutamate transporter type 3 deficient mice. 2012 , 220, 85-9		39
381	7,8-dihydroxyflavone rescues spatial memory and synaptic plasticity in cognitively impaired aged rats. 2012 , 122, 800-11		58
380	Antioxidants in the canine model of human aging. 2012 , 1822, 685-9		17
379	The anti-inflammatory properties of halloysite. 2012 , 57, 10-16		29
378	Alzheimer's disease: redox dysregulation as a common denominator for diverse pathogenic mechanisms. 2012 , 16, 974-1031		144
377	Diterpenoids isolated from <i>Sideritis</i> species protect astrocytes against oxidative stress via Nrf2. 2012 , 75, 1750-8		18

376	Glial proteome changes in response to moderate hypothermia. 2012 , 12, 2571-83		4
375	Oxidative Stress and Protein Oxidation. 2012 , 1-214		2
374	Microwave-assisted synthesis of hydroxyphenyl nitrones with protective action against oxidative stress. 2012 , 58, 44-9		13
373	Long-term exercise treatment reduces oxidative stress in the hippocampus of aging rats. 2012 , 226, 21-8		115
372	Antioxidants for Alzheimer disease: a randomized clinical trial with cerebrospinal fluid biomarker measures. 2012 , 69, 836-41		241
371	Amyloid- β production: major link between oxidative stress and BACE1. 2012 , 22, 208-19		78
370	Why Fish and Fruit are Better than Fish and Chips in the Aging Process. 2012 , 8, 68-77		
369	Calcium homeostasis in aging neurons. 2012 , 3, 200		59
368	Peripheral mitochondrial dysfunction in Alzheimer's disease: focus on lymphocytes. <i>Molecular Neurobiology</i> , 2012 , 46, 194-204	6.2	88
367	Dynamics of DNA methylation in aging and Alzheimer's disease. 2012 , 31 Suppl 1, S42-8		64
366	Effect of pesticides on the aggregation of mutant huntingtin protein. <i>Molecular Neurobiology</i> , 2012 , 45, 405-14	6.2	12
365	Evaluation of the neurotoxic/neuroprotective role of organoselenides using differentiated human neuroblastoma SH-SY5Y cell line challenged with 6-hydroxydopamine. 2012 , 22, 138-49		30
364	FLZ, synthetic squamosamide cyclic derivative, attenuates memory deficit and pathological changes in mice with experimentally induced aging. 2012 , 385, 579-85		7
363	Extrapineal melatonin: analysis of its subcellular distribution and daily fluctuations. 2012 , 52, 217-27		381
362	Hydroxypyridinones as "privileged" chelating structures for the design of medicinal drugs. 2012 , 256, 240-259		93
361	Melatonin Delays Brain Aging by Decreasing the Nitric Oxide Level. 2013 , 45, 187-192		5
360	Protection against oxidative stress caused by intermittent cold exposure by combined supplementation with vitamin E and C in the aging rat hypothalamus. 2013 , 38, 876-85		7
359	The role of DNA repair in brain related disease pathology. 2013 , 12, 578-87		93

358	Levothyroxine replacement therapy with vitamin E supplementation prevents oxidative stress and cognitive deficit in experimental hypothyroidism. 2013 , 43, 434-9	28
357	Protective effects of diphenyl diselenide in a mouse model of brain toxicity. 2013 , 206, 18-26	34
356	Age-dependent guanine oxidation in DNA of different brain regions of Wistar rats and prematurely aging OXYS rats. 2013 , 1830, 3542-52	12
355	Obesity increases cerebrocortical reactive oxygen species and impairs brain function. 2013 , 56, 226-33	64
354	Oxidative stress induces DNA demethylation and histone acetylation in SH-SY5Y cells: potential epigenetic mechanisms in gene transcription in A β production. <i>Neurobiology of Aging</i> , 2013 , 34, 1069-79	5.6 96
353	Oxidative stress induced by arsenopyrite and the role of desferrioxamine-B as radical scavenger. 2013 , 90, 1779-84	7
352	Effect of <i>Cyperus rotundus</i> tubers ethanolic extract on learning and memory in animal model of Alzheimer. 2013 , 3, 185-191	22
351	Effects of Hominis placenta on LPS-induced cell toxicity in BV2 microglial cells. 2013 , 147, 286-92	12
350	Mitochondrial DNA oxidative damage and repair in aging and Alzheimer's disease. 2013 , 18, 2444-57	109
349	Decline in cytochrome c oxidase activity in rat-brain mitochondria with aging. Role of peroxidized cardiolipin and beneficial effect of melatonin. 2013 , 45, 431-40	46
348	Insulin prevents mitochondrial generation of H $_2$ O $_2$ in rat brain. 2013 , 247, 66-72	25
347	OH radical trapping with benzoxazine nitrones: a combined computational and spectroscopic study. 2013 , 69, 4591-4596	10
346	Death by a thousand cuts in Alzheimer's disease: hypoxia--the prodrome. 2013 , 24, 216-43	79
345	Markers of oxidant stress that are clinically relevant in aging and age-related disease. 2013 , 134, 139-57	177
344	Effect of natural exogenous antioxidants on aging and on neurodegenerative diseases. 2013 , 47, 451-62	70
343	Functional Role of Walnuts and A β Fruits on Brain Health. 2013 , 171-187	1
342	The p66(Shc) gene paves the way for healthspan: evolutionary and mechanistic perspectives. 2013 , 37, 790-802	32
341	Cell biology of normal brain aging: synaptic plasticity-cell death. 2013 , 25, 25-34	45

340	Studies on Alzheimer's Disease. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2013 ,		
339	Nutrients and Food Constituents in Cognitive Decline and Neurodegenerative Disease. 2013 , 373-390		
338	The aging brain and anesthesia. 2013 , 26, 414-9		41
337	Genetic Deletion of Prostacyclin IP Receptor Exacerbates Transient Global Cerebral Ischemia in Aging Mice. 2013 , 3, 1095-108		8
336	Early gender differences in the redox status of the brain mitochondria with age: effects of melatonin therapy. 2013 , 16, 91-100		12
335	Increased apolipoprotein D dimer formation in Alzheimer's disease hippocampus is associated with lipid conjugated diene levels. 2013 , 35, 475-86		19
334	Docosahexaenoic acid reduces amyloid- β -induced toxicity in cells of the neurovascular unit. 2013 , 36, 487-501		38
333	Intermittent hypoxia from obstructive sleep apnea may cause neuronal impairment and dysfunction in central nervous system: the potential roles played by microglia. 2013 , 9, 1077-86		46
332	Lipoic acid antioxidant treatment limits glaucoma-related retinal ganglion cell death and dysfunction. <i>PLoS ONE</i> , 2013 , 8, e65389	3-7	93
331	Concentration dependent effect of calcium on brain mitochondrial bioenergetics and oxidative stress parameters. 2013 , 5, 10		74
330	Glutathione homeostasis disruption of erythrocytes, but not glutathione peroxidase activity change, is closely accompanied with neurological and radiological scoring of acute CNS inflammation. 2014 , 21, 13-20		12
329	Antioxidant effects of statins in patients with atherosclerotic cerebrovascular disease. 2014 , 10, 140-7		47
328	Biological activity of HPLC-characterized ethanol extract from the aerial parts of <i>Haplophyllum tuberculatum</i> . 2014 , 52, 151-6		13
327	NDC 75017 alleviates the learning and memory ability in aging rats by reducing mitochondrial dysfunction. 2014 , 8, 1841-1846		21
326	Changes in mitochondrial function are pivotal in neurodegenerative and psychiatric disorders: how important is BDNF?. 2014 , 171, 2206-29		56
325	Electroanalytical Sensors and Methods for Assays and Studies of Neurological Biomarkers. 2014 , 26, 1236-1248		6
324	Selected biomarkers as predictive tools in testing efficacy of melatonin and coenzyme Q on propionic acid - induced neurotoxicity in rodent model of autism. 2014 , 15, 34		14
323	White matter changes with age utilizing quantitative diffusion MRI. 2014 , 83, 247-52		17

322	Metabolomics of human brain aging and age-related neurodegenerative diseases. 2014 , 73, 640-57	131
321	Adaptation and sensitization to proteotoxic stress. 2014 , 12, 24-56	11
320	Do we age because we have mitochondria?. 2014 , 251, 3-23	15
319	Protective effect of whey protein hydrolysates against oxidative stress in d-galactose-induced ageing rats. 2014 , 34, 80-85	20
318	Mechanisms of action of brain insulin against neurodegenerative diseases. 2014 , 121, 611-26	19
317	Mapping NAD(+) metabolism in the brain of ageing Wistar rats: potential targets for influencing brain senescence. 2014 , 15, 177-98	73
316	Vibrational spectroscopy of biofluids for disease screening or diagnosis: translation from the laboratory to a clinical setting. 2014 , 7, 153-65	104
315	Neuroprotective potential of <i>Laurus nobilis</i> antioxidant polyphenol-enriched leaf extracts. 2014 , 27, 611-26	31
314	Propofol protects against angiotensin II-induced mouse hippocampal HT22 cells apoptosis via inhibition of p66Shc mitochondrial translocation. 2014 , 16, 772-81	16
313	Curcumin and hesperidin improve cognition by suppressing mitochondrial dysfunction and apoptosis induced by D-galactose in rat brain. 2014 , 74, 51-9	55
312	Traumatic stress, oxidative stress and post-traumatic stress disorder: neurodegeneration and the accelerated-aging hypothesis. 2014 , 19, 1156-62	159
311	Role of walnuts in maintaining brain health with age. 2014 , 144, 561S-566S	73
310	Neuroprotection and Neuroregeneration for Retinal Diseases. 2014 ,	0
309	Enhanced age-dependent cerebrovascular dysfunction is mediated by adaptor protein p66Shc. 2014 , 175, 446-50	24
308	Aging, the metabolic syndrome, and ischemic stroke: redefining the approach for studying the blood-brain barrier in a complex neurological disease. 2014 , 71, 411-49	29
307	Comparison of N-methyl-D-aspartate receptor subunit 1 and 4-hydroxynonenal in the hippocampus of natural and chemical-induced aging accelerated mice. 2014 , 39, 1702-8	7
306	The Anti-Oxidative Component of Docosahexaenoic Acid (DHA) in the Brain in Diabetes. 2014 , 129-134	1
305	The influence of oxidative stress on symptom occurrence, severity, and distress during childhood leukemia treatment. 2014 , 41, E238-47	25

304	Synthesis of pterostilbene and resveratrol carbamate derivatives as potential dual cholinesterase inhibitors and neuroprotective agents. 2014 , 40, 787-800	11
303	A voyage to Mars: Space radiation, aging, and nutrition. 2014 , 2, 233-241	6
302	Oxidative DNA damage in disease--insights gained from base excision repair glycosylase-deficient mouse models. 2014 , 55, 689-703	30
301	Retarding brain ageing and cognitive decline. 2015 , 315-332	
300	Therapeutic Targeting of Neuronal Mitochondria in Brain Injury. 2015 , 359-377	
299	Ionizing radiation induces structural and functional damage on the molecules of rat brain homogenate membranes: a Fourier transform infrared (FT-IR) spectroscopic study. 2015 , 69, 154-64	16
298	Evidence of neurodegeneration in obstructive sleep apnea: Relationship between obstructive sleep apnea and cognitive dysfunction in the elderly. 2015 , 93, 1778-94	99
297	. 2015 ,	
296	Synthesis and DPPH scavenging assay of reserpine analogues, computational studies and in silico docking studies in AChE and BChE responsible for Alzheimer's disease. 2015 , 51, 53-61	4
295	Protective action of green tea catechins in neuronal mitochondria during aging. 2015 , 20, 247-62	17
294	Preventive role of Indian black pepper in animal models of Alzheimer's disease. 2015 , 9, FF01-4	6
293	Presence of antioxidative agent, Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro- in newly isolated <i>Streptomyces mangrovisoli</i> sp. nov. 2015 , 6, 854	79
292	Microglial cell dysregulation in brain aging and neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 124	5-3 314
291	Aged neuronal nitric oxide knockout mice show preserved olfactory learning in both social recognition and odor-conditioning tasks. 2015 , 9, 105	6
290	Age-related alterations in the expression of genes and synaptic plasticity associated with nitric oxide signaling in the mouse dorsal striatum. 2015 , 2015, 458123	7
289	Bacopa monnieri as an Antioxidant Therapy to Reduce Oxidative Stress in the Aging Brain. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 615384	2-3 36
288	. 2015 ,	3
287	Ca ²⁺ dysregulation in the endoplasmic reticulum related to Alzheimer's disease: A review on experimental progress and computational modeling. 2015 , 134, 1-15	20

286	Glucose-6-phosphate dehydrogenase deficiency and Alzheimer's disease: Partners in crime? The hypothesis. 2015 , 85, 219-23		19
285	Blueberry Polyphenols and Neuroprotection. 2015 , 17-28		6
284	Targeting Mitochondria for Healthy Brain Aging. 2015 , 71-83		
283	Loss of NEIL1 causes defects in olfactory function in mice. <i>Neurobiology of Aging</i> , 2015 , 36, 1007-12	5.6	11
282	Amidinoquinoxaline N-oxides as novel spin traps. 2015 , 5, 2724-2731		7
281	Mediterranean diet and cognitive function: the SUN project. 2015 , 19, 305-12		55
280	Methods for the assessment of antioxidant activity in foods ¹¹ This chapter is reproduced to a large extent from an article in press by the authors in the Journal of Functional Foods.. 2015 , 287-333		13
279	Investigation of the memory impairment in rats fed with oxidized-cholesterol-rich diet employing passive avoidance test. 2015 , 65, 231-7		8
278	Oxidative stress inhibition and oxidant activity by fibrous clays. 2015 , 133, 32-5		15
277	Ethanol extract of Brazilian propolis ameliorates cognitive dysfunction and suppressed protein aggregations caused by hyperhomocysteinemia. 2015 , 79, 1884-9		9
276	The antioxidant effect of astaxanthin is higher in young mice than aged: a region specific study on brain. 2015 , 30, 1237-46		31
275	Measurement of antioxidant activity. 2015 , 18, 757-781		476
274	3-Hydroxypyridinone derivatives as metal-sequestering agents for therapeutic use. 2015 , 7, 383-410		18
273	New multifunctional melatonin-derived benzylpyridinium bromides with potent cholinergic, antioxidant, and neuroprotective properties as innovative drugs for Alzheimer's disease. 2015 , 103, 302-11		39
272	Mechanisms of CDDO-imidazolid-mediated cytoprotection against acrolein-induced neurocytotoxicity in SH-SY5Y cells and primary human astrocytes. 2015 , 238, 32-42		16
271	4-Hydroxynonenal activates Src through a non-canonical pathway that involves EGFR/PTP1B. 2015 , 89, 701-7		8
270	Proteomics in neurodegenerative diseases: Methods for obtaining a closer look at the neuronal proteome. 2015 , 9, 848-71		10
269	Anti-amnesic activity of Citrus aurantium flowers extract against scopolamine-induced memory impairments in rats. 2015 , 36, 553-60		54

268	The Anti-Inflammatory Activity of <i>Eucommia ulmoides</i> Oliv. Bark. Involves NF- κ B Suppression and Nrf2-Dependent HO-1 Induction in BV-2 Microglial Cells. <i>Biomolecules and Therapeutics</i> , 2016 , 24, 268-82 ^{4,2}	21
267	and Anti-Inflammatory Activity of Indazole and Its Derivatives. 2016 , 10, FF01-FF06	6
266	Preservation of Cognitive Function by <i>Lepidium meyenii</i> (Maca) Is Associated with Improvement of Mitochondrial Activity and Upregulation of Autophagy-Related Proteins in Middle-Aged Mouse Cortex. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 4394261	2.3 9
265	The Molecular and Cellular Effect of Homocysteine Metabolism Imbalance on Human Health. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3 182
264	Age-Related Decrease in Heat Shock 70-kDa Protein 8 in Cerebrospinal Fluid Is Associated with Increased Oxidative Stress. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 178	5.3 11
263	1,2,4-Thiadiazoles as promising multifunctional agents for treatment of neurodegenerative diseases. 2016 , 65, 1586-1591	7
262	Modulation of Hallmarks of Brain Aging by Environmental Enrichment. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016 , 303-319	
261	Inflammation, Aging, and Oxidative Stress. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016 ,	8
260	Synthesis and studies of biological activity of N-(4-tert-butylbenzyl)-N-(pyridin-3-ylmethyl)-2-aminothiazolines as potential multifunctional agents for treatment of neurodegenerative diseases. 2016 , 65, 1341-1345	2
259	Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats. 2016 , 32, 181-8	20
258	The Effect of Aging on Mitochondrial Complex I and the Extent of Oxidative Stress in the Rat Brain Cortex. 2016 , 41, 2160-72	20
257	Ionomycin-induced calcium influx induces neurite degeneration in mouse neuroblastoma cells: analysis of a time-lapse live cell imaging system. 2016 , 50, 1214-1225	7
256	Proteomic approaches to quantify cysteine reversible modifications in aging and neurodegenerative diseases. 2016 , 10, 1159-1177	23
255	Polydatin attenuates d-galactose-induced liver and brain damage through its anti-oxidative, anti-inflammatory and anti-apoptotic effects in mice. 2016 , 7, 4545-4555	87
254	Dietary Polyphenols as Potential Remedy for Dementia. <i>Advances in Neurobiology</i> , 2016 , 12, 41-56	2.1 4
253	The therapeutic potential of metabolic hormones in the treatment of age-related cognitive decline and Alzheimer's disease. 2016 , 36, 1305-1315	13
252	. 2016 , 41,	
251	Mechanisms of protein misfolding: Novel therapeutic approaches to protein-misfolding diseases. 2016 , 1123, 311-326	11

250	Tempol protects sleep-deprivation induced behavioral deficits in aggressive male Long-Evans rats. 2016 , 612, 245-250		9
249	Age- and brain region-specific differences in mitochondrial bioenergetics in Brown Norway rats. <i>Neurobiology of Aging</i> , 2016 , 42, 25-34	5.6	33
248	In vitro neuroprotective potential of the monoterpenes α -pinene and 1,8-cineole against H ₂ O ₂ -induced oxidative stress in PC12 cells. 2016 , 71, 191-9		48
247	Methionine sulfoxide reductase A affects β -amyloid solubility and mitochondrial function in a mouse model of Alzheimer's disease. 2016 , 310, E388-93		17
246	Do glutathione levels decline in aging human brain?. 2016 , 93, 110-7		26
245	Mitochondrial specific therapeutic targets following brain injury. 2016 , 1640, 77-93		43
244	1,3-Dinitrobenzene neurotoxicity - Passage effect in immortalized astrocytes. 2016 , 53, 74-84		3
243	Sulforaphane induces Nrf2 target genes and attenuates inflammatory gene expression in microglia from brain of young adult and aged mice. 2016 , 73, 42-8		43
242	Chronic α -Tocopherol Increases Central Monoamines Synthesis and Improves Cognitive and Motor Abilities in Old Rats. 2016 , 19, 159-71		25
241	Genome instability in Alzheimer disease. 2017 , 161, 83-94		62
240	Nitrate and Nitrite in Aging and Age-Related Disease. 2017 , 259-277		0
239	Focused design of polypharmacophoric neuroprotective compounds: Conjugates of β -carbolines with carbazole derivatives and tetrahydrocarbazole. 2017 , 89, 1167-1184		20
238	The role of sodium hydrosulfide in attenuating the aging process via PI3K/AKT and CaMKK β /AMPK pathways. 2017 , 12, 987-1003		38
237	Autophagy Activation Alleviates Amyloid- β -Induced Oxidative Stress, Apoptosis and Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. 2017 , 32, 351-361		38
236	The role of 5-hydroxymethylcytosine in development, aging and age-related diseases. 2017 , 37, 28-38		41
235	Neurocognitive Effect of Nootropic Drug () in Alzheimer's Disease. 2017 , 24, 111-122		59
234	Insulin resistance in Alzheimer's disease. 2017 , 183, 26-40		64
233	DFT calculations as a powerful tool for ESR spin trapping experiments. 2017 , 55, 559-562		3

232	The Glia-Neuron Lactate Shuttle and Elevated ROS Promote Lipid Synthesis in Neurons and Lipid Droplet Accumulation in Glia via APOE/D. 2017 , 26, 719-737.e6		184
231	Effects of oil palm tocotrienol rich fraction on the viability and morphology of astrocytes injured with glutamate. 2017 , 20, 168-177		10
230	Amidinoquinoxaline N-oxides: spin trapping of O- and C-centered radicals. 2017 , 15, 7685-7695		3
229	Protective Effects Induced by Microwave-Assisted Aqueous Harpagophytum Extract on Rat Cortex Synaptosomes Challenged with Amyloid β Peptide. <i>Phytotherapy Research</i> , 2017 , 31, 1257-1264	6.7	44
228	Cardiovascular Disease, the Nitric Oxide Pathway and Risk of Cognitive Impairment and Dementia. 2017 , 19, 87		36
227	Protective effect of casuarinin against glutamate-induced apoptosis in HT22 cells through inhibition of oxidative stress-mediated MAPK phosphorylation. 2017 , 27, 5109-5113		21
226	Redox Homeostasis Plays Important Roles in the Maintenance of the Drosophila Testis Germline Stem Cells. 2017 , 9, 342-354		21
225	Oxidative Stress and the Brain: An Insight into Cognitive Aging. 2017 , 123-140		3
224	Oleuropein improves mitochondrial function to attenuate oxidative stress by activating the Nrf2 pathway in the hypothalamic paraventricular nucleus of spontaneously hypertensive rats. 2017 , 113, 556-566		51
223	Topics in Biomedical Gerontology. 2017 ,		
222	One-pot Synthesis of Novel Spirooxindoles as Antibacterial and Antioxidant Agents. 2017 , 54, 1776-1784		22
221	Systems-level thinking for nanoparticle-mediated therapeutic delivery to neurological diseases. 2017 , 9, e1422		19
220	Synthesis of new N-(pyridin-3-ylmethyl)-2-aminothiazoline derivatives possessing anticholinesterase and antiradical activity as potential multifunctional agents for the treatment of neurodegenerative diseases. 2017 , 66, 1897-1904		
219	Salvia Biotechnology. 2017 ,		1
218	The Role of Microglia in the Injured Neurosystem. 2017 , 7,		
217	Tempol Ameliorates and Prevents Mechanical Hyperalgesia in a Rat Model of Chemotherapy-Induced Neuropathic Pain. 2016 , 7, 532		29
216	Ginsenoside Rg3 Prevents Oxidative Stress-Induced Astrocytic Senescence and Ameliorates Senescence Paracrine Effects on Glioblastoma. 2017 , 22,		21
215	Involvement of Astrocytes in Alzheimer's Disease from a Neuroinflammatory and Oxidative Stress Perspective. 2017 , 10, 427		227

- 214 Nut Intake and Health. **2017**, 271-292
- 213 Increased Consumption of Fruit and Vegetables Is Related to a Reduced Risk of Cognitive Impairment and Dementia: Meta-Analysis. *Frontiers in Aging Neuroscience*, **2017**, 9, 18 53 52
- 212 A Life-Long Approach to Physical Activity for Brain Health. *Frontiers in Aging Neuroscience*, **2017**, 9, 147 53 34
- 211 The ethanol extract of *Aquilariae Lignum* ameliorates hippocampal oxidative stress in a repeated restraint stress mouse model. **2017**, 17, 397 16
- 210 Quercetin protects neuronal cells from oxidative stress and cognitive degradation induced by amyloid β peptide treatment. **2017**, 16, 1573-1577 24
- 209 Soy food and isoflavone intake reduces the risk of cognitive impairment in elderly Japanese women. **2018**, 72, 1458-1462 20
- 208 Repair kinetics of DNA double-strand breaks and incidence of apoptosis in mouse neural stem/progenitor cells and their differentiated neurons exposed to ionizing radiation. **2018**, 59, 261-271 14
- 207 Microglia Activation and Gene Expression Alteration of Neurotrophins in the Hippocampus Following Early-Life Exposure to E-Cigarette Aerosols in a Murine Model. **2018**, 162, 276-286 41
- 206 Phenolic compounds as antioxidants and chemopreventive drugs from *Streptomyces cellulosa* strain TES17 isolated from rhizosphere of *Camellia sinensis*. **2018**, 18, 82 23
- 205 Redox Signaling in Neurotransmission and Cognition During Aging. **2018**, 28, 1724-1745 41
- 204 Antioxidant action of grape seed polyphenols and aerobic exercise in improving neuronal number in the hippocampus is associated with decrease in lipid peroxidation and hydrogen peroxide in adult and middle-aged rats. **2018**, 101, 101-112 29
- 203 Resveratrol and pinostilbene confer neuroprotection against aging-related deficits through an ERK1/2-dependent mechanism. **2018**, 54, 77-86 14
- 202 Protective effects of sesamol on systemic oxidative stress-induced cognitive impairments via regulation of Nrf2/Keap1 pathway. **2018**, 9, 5912-5924 30
- 201 *Lactobacillus helveticus* KLDS1.8701 alleviates d-galactose-induced aging by regulating Nrf-2 and gut microbiota in mice. **2018**, 9, 6586-6598 40
- 200 Metabolic Syndrome and Its Effect on the Brain: Possible Mechanism. **2018**, 17, 595-603 23
- 199 Influence of the β -carboline and carbazole pharmacophore moieties on anticholinesterase and antiradical activity of multifunctional agents for the treatment of neurodegenerative diseases. **2018**, 67, 1724-1731 3
- 198 Autophagy Induction: A Promising Antiaging Strategy. **2018**, 161-174
- 197 Fatty acids characterization and oxidative stability of spray dried designer egg powder. **2018**, 17, 282 5

196	Ginsenoside Rg1 protects against H ₂ O ₂ -induced neuronal damage due to inhibition of the NLRP1 inflammasome signalling pathway in hippocampal neurons in vitro. 2019 , 43, 717-726		23
195	Molecular Basis and Emerging Strategies for Anti-aging Interventions. 2018 ,		1
194	Neuroprotective Effects of the Multitarget Agent AVCRI104P3 in Brain of Middle-Aged Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	1
193	SS-31 Provides Neuroprotection by Reversing Mitochondrial Dysfunction after Traumatic Brain Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4783602	6.7	28
192	A patent review of butyrylcholinesterase inhibitors and reactivators 2010-2017. 2018 , 28, 455-465		18
191	High-throughput lipidomics characterize key lipid molecules as potential therapeutic targets of Kaixinsan protects against Alzheimer's disease in APP/PS1 transgenic mice. 2018 , 1092, 286-295		37
190	Synthesis, molecular docking, and biological activity of 2-vinyl chromones: Toward selective butyrylcholinesterase inhibitors for potential Alzheimer's disease therapeutics. 2018 , 26, 4716-4725		16
189	Regional vulnerability to lipoxidative damage and inflammation in normal human brain aging. 2018 , 111, 218-228		15
188	Enhanced neuroinflammatory responses after systemic LPS injection in IL-32 transgenic mice. 2018 , 94, 173-182		2
187	Nicotine Modulates Cognitive Function in -Galactose-Induced Senescence in Mice. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 194	5.3	17
186	Long-Term L-Serine Administration Reduces Food Intake and Improves Oxidative Stress and Sirt1/NFB Signaling in the Hypothalamus of Aging Mice. 2018 , 9, 476		22
185	Pattern of tyrosine hydroxylase expression during aging of mesolimbic pathway of the rat. 2018 , 92, 83-91		7
184	Neuroimaging Studies Illustrate the Commonalities Between Ageing and Brain Diseases. 2018 , 40, e1700221		8
183	Transport of gallic acid gallate and catechin gallate in high-temperature-processed green tea extract from gastrointestinal tract to brain by an in vitro bio-mimic model system coupled with sequential cell cultures. 2018 , 47, 83-90		7
182	Rapamycin Confers Neuroprotection Against Aging-Induced Oxidative Stress, Mitochondrial Dysfunction, and Neurodegeneration in Old Rats Through Activation of Autophagy. 2019 , 22, 60-70		21
181	Lutein across the Lifespan: From Childhood Cognitive Performance to the Aging Eye and Brain. 2019 , 3, nzz066		28
180	Antioxidant Potential, Phytochemicals Composition, and Metal Contents of. 2019 , 2019, 2403718		14
179	Sesame Lignans Suppress Age-Related Cognitive Decline in Senescence-Accelerated Mice. <i>Nutrients</i> , 2019 , 11,	6.7	12

178	Age-dependent evaluation of long-term depression responses in hyperthyroid rats: Possible roles of oxidative intracellular redox status. 2019 , 1720, 146314		1
177	Brain Aging and Anesthesia. 2019 , 33 Suppl 1, S58-S66		6
176	Aspartame-Induced Neurodegeneration Versus Omega 3 Alleviation. 2019 , 381-390		
175	Differential alteration in reproductive toxicity of medaka fish on exposure to nanoscale zerovalent iron and its oxidation products. 2019 , 252, 1920-1932		9
174	Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. 2019 ,		0
173	Improvement of Redox State and Functions of Immune Cells as Well as of Behavioral Response in Aged Mice After Two-Week Supplementation of Fermented Milk with Probiotics. 2019 , 76, 1278-1289		8
172	Effects of macular xanthophyll supplementation on brain-derived neurotrophic factor, pro-inflammatory cytokines, and cognitive performance. 2019 , 211, 112650		16
171	Understanding membrane remodelling initiated by photosensitized lipid oxidation. 2019 , 254, 106263		23
170	NADPH oxidase 2-mediated NLRP1 inflammasome activation involves in neuronal senescence in hippocampal neurons in vitro. 2019 , 69, 60-70		14
169	Ascorbic Acid Mitigates D-galactose-Induced Brain Aging by Increasing Hippocampal Neurogenesis and Improving Memory Function. <i>Nutrients</i> , 2019 , 11,	6.7	29
168	Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring. 2019 , 74, 121-131		15
167	Cholinesterase and carboxylesterase inhibitors as pharmacological agents. 2019 , 68, 967-984		23
166	CoQ and Cognition a Review and Study Protocol for a 90-Day Randomized Controlled Trial Investigating the Cognitive Effects of Ubiquinol in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 103	5.3	6
165	Antioxidant Effect of Flavonoids Present in Euterpe oleracea Martius and Neurodegenerative Diseases: A Literature Review. 2019 , 19, 75-99		11
164	Prospective of managing impaired brain insulin signalling in late onset Alzheimers disease with existing diabetic drugs. 2019 , 18, 229-242		1
163	Age-Associated Changes in the Immune System and Blood?Brain Barrier Functions. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	61
162	Lipoic Acid and Other Antioxidants as Therapies for Multiple Sclerosis. 2019 , 21, 26		19
161	Pediatric Obstructive Sleep Apnea: Neurocognitive Consequences. 2019 , 9, 110-115		8

160	Unconjugated bilirubin and schizophrenia: a systematic review. 2019 , 24, 577-588		4
159	Effects of Perinatal Exposure to Ketamine on the Developing Brain. 2019 , 13, 138		19
158	Behavioral and molecular effects of intrahippocampal infusion of auraptene, resveratrol, and curcumin on H-89-induced deficits on spatial memory acquisition and retention in Morris water maze. 2019 , 38, 775-784		11
157	Unravelling protein aggregation as an ageing related process or a neuropathological response. 2019 , 51, 67-77		9
156	Effects of DCM Leaf Extract of (Fresen) on Locomotor Activity, Anxiety, and Exploration-Like Behaviors in High-Fat Diet-Induced Obese Rats. 2019 , 2019, 7359235		11
155	Inhibitory Effects Induced by , , and Water Extracts on Oxidative Stress Biomarkers and Dopamine Turnover in HypoE22 Cells and Isolated Rat Striatum Challenged with 6-Hydroxydopamine. <i>Antioxidants</i> , 2019 , 8,	7.1	8
154	Involvement of calpain in the neuropathogenesis of Alzheimer's disease. 2019 , 39, 608-630		31
153	Dietary Patterns and Foods Associated With Cognitive Function in Taiwanese Older Adults: The Cross-sectional and Longitudinal Studies. 2019 , 20, 544-550.e4		15
152	Hyperuricemia and prognosis of acute ischemic stroke in diabetic patients. 2019 , 41, 250-256		3
151	Cellular calcium signaling in the aging brain. 2019 , 95, 95-114		22
150	Trehalose administration in C57BL/6N old mice affects healthspan improving motor learning and brain anti-oxidant defences in a sex-dependent fashion: a pilot study. 2020 , 129, 110755		8
149	Sarsasapogenin: A steroidal saponin from <i>Asparagus racemosus</i> as multi target directed ligand in Alzheimer's disease. 2020 , 153, 108529		20
148	Fasting- and ghrelin-induced food intake is regulated by NAMPT in the hypothalamus. 2020 , 228, e13437		10
147	Antioxidants and Nanotechnology: Promises and Limits of Potentially Disruptive Approaches in the Treatment of Central Nervous System Diseases. 2020 , 9, e1901589		25
146	The Changes of Brain Edema and Neurological Outcome, and the Probable Mechanisms in Diffuse Traumatic Brain Injury Induced in Rats with the History of Exercise. 2020 , 40, 555-567		8
145	Pathophysiology and Therapeutic Perspectives of Oxidative Stress and Neurodegenerative Diseases: A Narrative Review. 2020 , 37, 113-139		55
144	Dopamine-Dependent QR2 Pathway Activation in CA1 Interneurons Enhances Novel Memory Formation. 2020 , 40, 8698-8714		0
143	Moderators of the Impact of (Poly)Phenols Interventions on Psychomotor Functions and BDNF: Insights from Subgroup Analysis and Meta-Regression. <i>Nutrients</i> , 2020 , 12,	6.7	6

142	The Interplay of Tau Protein and β Amyloid: While Tauopathy Spreads More Profoundly Than Amyloidopathy, Both Processes Are Almost Equally Pathogenic. 2021 , 41, 1339-1354	5
141	The intrinsic apoptotic pathway lies upstream of oxidative stress in multiple organs. 2020 , 158, 13-19	9
140	Scopoletin: Antiamyloidogenic, Anticholinesterase, and Neuroprotective Potential of a Natural Compound Present in Roots by In Vitro and In Silico Study. 2020 , 15, 2633105520937693	13
139	Evaluation of bioactive compounds, free radical scavenging and anticancer activities of bulb extracts of from Eastern Cape Province, South Africa. 2020 , 27, 3559-3569	7
138	Characterization of Fatty Acid Composition Underlying Hypothalamic Inflammation in Aged Mice. 2020 , 25,	5
137	Implications of phytochemicals as disease-modifying agents against Huntington's disease (HD): Bioactivity, animal models and transgenics, synergism and structure-activity studies. 2020 , 27-79	0
136	Melatonin, aging, and COVID-19: Could melatonin be beneficial for COVID-19 treatment in the elderly?. 2020 , 50, 1504-1512	14
135	Novel Neuroprotective Potential of Crocin in Neurodegenerative Disorders: An Illustrated Mechanistic Review. 2020 , 45, 2573-2585	2
134	Neuronal Calcium Imaging, Excitability, and Plasticity Changes in the Aldh2 ^{-/-} Mouse Model of Sporadic Alzheimer's Disease. 2020 , 77, 1623-1637	2
133	Salinity Stress Enhances the Antioxidant Capacity of and Species Isolated From Saline Lake Environment. 2020 , 11, 561816	6
132	Heat stress as an innovative approach to enhance the antioxidant production in Pseudoocceanicola and Bacillus isolates. 2020 , 10, 15076	4
131	FeO@GO magnetic nanocomposites protect mesenchymal stem cells and promote osteogenic differentiation of rat bone marrow mesenchymal stem cells. 2020 , 8, 5984-5993	11
130	Foods with Potential Prooxidant and Antioxidant Effects Involved in Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6281454	6.7 10
129	COVID-19: Oxidative Preconditioning as a Potential Therapeutic Approach. 2020 , 11, 3732-3740	4
128	Oxidative Stress at the Crossroads of Aging, Stroke and Depression. 2020 , 11, 1537-1566	27
127	Summery and perspective for future research on insulin resistance and insulin resistance-linked visceral and neurological disorders. 2020 , 439-461	
126	Aging increases vulnerability to stress-induced depression via upregulation of NADPH oxidase in mice. <i>Communications Biology</i> , 2020 , 3, 292	6.7 9
125	NRF2 Regulation Processes as a Source of Potential Drug Targets against Neurodegenerative Diseases. 2020 , 10,	23

124	Repeated dose of meloxicam induces genotoxicity and histopathological changes in cardiac tissue of mice. 2020 , 1-12		
123	The Effect of (Poly)phenol-Rich Interventions on Cognitive Functions and Neuroprotective Measures in Healthy Aging Adults: A Systematic Review and Meta-Analysis. 2020 , 9,		15
122	Antioxidative component of docosahexaenoic acid in the brain in diabetes. 2020 , 161-168		
121	Antioxidant Effects of Oleuropein on Hydrogen Peroxide-Induced Neuronal Stress- An Study. 2020 , 19, 74-84		6
120	The anti-aging effect of Scutellaria baicalensis Georgi flowers extract by regulating the glutamine-glutamate metabolic pathway in d-galactose induced aging rats. 2020 , 134, 110843		11
119	Cellular Aging Characteristics and Their Association with Age-Related Disorders. <i>Antioxidants</i> , 2020 , 9,	7.1	13
118	Icaritin activates Nrf2/Keap1 signaling to protect neuronal cells from oxidative stress. 2021 , 97, 111-120		9
117	A 20-hydroxyecdysone-enriched fraction from <i>Pfaffia glomerata</i> (Spreng.) pedersen roots alleviates stress, anxiety, and depression in mice. 2021 , 267, 113599		4
116	The Association between Dietary Variety and Physical Frailty in Community-Dwelling Older Adults. 2021 , 9,		2
115	Comprehensive review of Alzheimer's disease drugs (conventional, newer, and plant-derived) with focus on <i>Bacopa monnieri</i> . 2021 , 227-248		
114	Understanding the relationship between oxidative stress and cognition in the elderly. 2021 , 57-80		
113	Effects of vitamin E on neurodegenerative diseases: an update. 2021 , 81, 21-33		6
112	A narrative review on the potential of tomato and lycopene for the prevention of Alzheimer's disease and other dementias. 2021 , 1-12		6
111	Phytosterols: Targeting Neuroinflammation in Neurodegeneration. <i>Current Pharmaceutical Design</i> , 2021 , 27, 383-401	3.3	15
110	NEIL1 and NEIL2 DNA glycosylases regulate anxiety and learning in a cooperative manner.		0
109	Crocin mitigated cognitive impairment and brain molecular alterations induced by different intensities of prenatal hypoxia in neonatal rats. 2021 , 11, e02078		3
108	Therapeutic potential of mangiferin in the treatment of various neuropsychiatric and neurodegenerative disorders. 2021 , 143, 104939		6
107	Antineuroinflammatory Effects of 7,3',4'-Trihydroxyisoflavone in Lipopolysaccharide-Stimulated BV2 Microglial Cells through MAPK and NF- κ B Signaling Suppression. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 127-134	4.2	3

106	Quercetin-biapigenin nanoparticles are effective to penetrate the blood-brain barrier. 2021 , 1	3
105	Association between dietary diversity and cognitive impairment among the oldest-old: Findings from a nationwide cohort study. 2021 , 40, 1452-1462	2
104	, the "Golden Spice" to Counteract Neuroinflammation and Cognitive Decline-What Have We Learned and What Needs to Be Done. <i>Nutrients</i> , 2021 , 13,	6.7 7
103	Iron-Palladium magnetic nanoparticles for decolorizing rhodamine B and scavenging reactive oxygen species. 2021 , 588, 646-656	2
102	Therapeutic potential of astaxanthin and superoxide dismutase in Alzheimer's disease. 2021 , 11, 210013	7
101	Molecular and cellular pathways contributing to brain aging. 2021 , 17, 6	14
100	Gastrodiae rhizoma attenuates brain aging via promoting neuritogenesis and neurodifferentiation. 2021 , 87, 153576	2
99	Neuroprotective effect of β -pinene self-emulsifying nanoformulation against 6-OHDA induced neurotoxicity on human SH-SY5Y cells and its in vivo validation for anti-Parkinson's effect. 2021 , 35, e22902	
98	Potential anti-aging effects of fermented wheat germ in aging mice. 2021 , 42, 101182	1
97	The Protective Effect of Bergamot Polyphenolic Fraction (BPF) on Chemotherapy-Induced Neuropathic Pain. 2021 , 14,	0
96	Differences in proteomic profiles between yak and three cattle strains provide insights into molecular mechanisms underlying high-altitude adaptation. 2021 ,	0
95	Impaired age-dependent increases in phosphoglycerate kinase activity in red blood cells of Parkinson's disease patients. 2021 , 91, 128-134	0
94	Transcription errors in aging and disease. 2021 , 5, 31-38	0
93	Nutritional Deficiencies and Hyperhomocysteinemia. 2021 , 259-267	
92	Effects of myricetin against cadmium-induced neurotoxicity in PC12 cells. 2021 , 10, 84-90	3
91	4.3 Coupling of Neuronal Function to Oxygen and Glucose Metabolism Through Changes in Neurotransmitter Dynamics as Revealed with Aging, Hypoglycemia, and Hypoxia. 2007 , 297-320	2
90	Aging and Oxidative Stress Response in the CNS. 2008 , 103-146	5
89	Peroxiredoxins in the central nervous system. 2007 , 44, 357-74	43

88	Free Radical-Mediated Damage to Brain in Alzheimer's Disease: Role of Acrolein and Preclinical Promise of Antioxidant Polyphenols. 2010 , 417-437		1
87	Calcium and Calpain Activation. 2014 , 13-24		1
86	Effects of DCM leaf Extract of <i>Gnidia glauca</i> (Fresen) on Locomotor Activity, Anxiety and Exploration-Like Behaviors in High Fat Diet-Induced Obese Rats.		1
85	Age-Related Neuronal and Behavioral Deficits are Improved by Polyphenol-Rich Blueberry Supplementation. <i>Oxidative Stress and Disease</i> , 2005 , 373-393		2
84	Antioxidants, Polyphenols, and Adipose Inflammation. <i>Oxidative Stress and Disease</i> , 2009 , 233-253		3
83	Formaldehyde at low concentration induces protein tau into globular amyloid-like aggregates in vitro and in vivo. <i>PLoS ONE</i> , 2007 , 2, e629	3.7	52
82	Malondialdehyde suppresses cerebral function by breaking homeostasis between excitation and inhibition in turtle <i>Trachemys scripta</i> . <i>PLoS ONE</i> , 2010 , 5, e15325	3.7	16
81	G-quadruplex structures formed by expanded hexanucleotide repeat RNA and DNA from the neurodegenerative disease-linked C9orf72 gene efficiently sequester and activate heme. <i>PLoS ONE</i> , 2014 , 9, e106449	3.7	40
80	The Effect of Resveratrol on Neurodegenerative Disorders: Possible Protective Actions Against Autophagy, Apoptosis, Inflammation and Oxidative Stress. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2178-2191	3.3	21
79	Saponins of <i>Panax japonicus</i> Confer Neuroprotection against Brain Aging through Mitochondrial Related Oxidative Stress and Autophagy in Rats. <i>Current Pharmaceutical Biotechnology</i> , 2020 , 21, 667-680	2.6	6
78	Effects of Butter and Cheese on Memory and Learning in Rats. <i>Nutrition and Food Sciences Research</i> , 2020 , 7, 17-24	0.8	1
77	The effect of phosphodiesterase-4-specific inhibitor in the rat model of spinal nerve ligation. <i>Journal of Korean Neurosurgical Society</i> , 2011 , 50, 109-13	2.3	2
76	Electrophysiological and behavioral changes by phosphodiesterase 4 inhibitor in a rat model of alcoholic neuropathy. <i>Journal of Korean Neurosurgical Society</i> , 2012 , 52, 32-6	2.3	5
75	Screening of Natural Plant Resources with Acetylcholinesterase Inhibition and Antioxidant Activity. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2005 , 34, 427-432	1.5	7
74	Effects of Ethanol Extracts from <i>Zingiber officinale</i> Rosc., <i>Curcuma longa</i> L., and <i>Curcuma aromatica</i> Salisb. on Acetylcholinesterase and Antioxidant Activities as well as GABA Contents. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2012 , 41, 1395-1401	1.5	17
73	Synergistic Antioxidant Capacity of Chitosan Nanoparticles and Lycopene Against Aging Hepatotoxicity Induced by D-galactose in Male Rats. <i>International Journal of Pharmacology</i> , 2018 , 14, 811-825	0.7	4
72	Motor and cognitive deficits due to permanent cerebral hypoperfusion/ischemia improve by pomegranate seed extract in rats. <i>Pakistan Journal of Biological Sciences</i> , 2014 , 17, 991-8	0.8	10
71	Improving Effect of Silk Peptides on the Cognitive Function of Rats with Aging Brain Facilitated by D-Galactose. <i>Biomolecules and Therapeutics</i> , 2011 , 19, 224-230	4.2	13

70	Effects of Resveratrol and trans-3,5,4'-Trimethoxystilbene on Glutamate-Induced Cytotoxicity, Heme Oxygenase-1, and Sirtuin 1 in HT22 Neuronal Cells. <i>Biomolecules and Therapeutics</i> , 2012 , 20, 306-12	4.2	21
69	Antioxidant and Antiacetylcholinesterase Activity of Teucrium hyrcanicum. <i>Pharmacognosy Research (discontinued)</i> , 2015 , 7, S15-9	0.7	8
68	Distinct profiles of systemic biomarkers of oxidative stress in chronic human pathologies: Cardiovascular, psychiatric, neurodegenerative, rheumatic, infectious, neoplastic and endocrinological diseases. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2013 , 04, 331-339	0.9	4
67	Effects of Age on the Disruption of Cognitive Performance by Exposure to Space Radiation. <i>Journal of Behavioral and Brain Science</i> , 2014 , 04, 297-307	0.3	24
66	Oxidative modification of neurofilament-L by copper-catalyzed reaction. <i>BMB Reports</i> , 2003 , 36, 488-92	5.5	6
65	Antioxidant role of oleuropein on midbrain and dopaminergic neurons of substantia nigra in aged rats. <i>Iranian Biomedical Journal</i> , 2014 , 18, 16-22	2	24
64	A Comparative Study of GABA, Glutamate Contents, Acetylcholinesterase Inhibition and Antiradical Activity of the Methanolic Extracts from 10 Edible Plants. <i>Korean Journal of Food Science and Technology</i> , 2012 , 44, 447-451		14
63	Perspective and Directions for Future Developments on Glycerophospholipid-, Sphingolipid-, and Cholesterol-Derived Lipid Mediators. 2009 , 365-382		
62	Fonctions des oligolements et besoins spécifiques de la personne âgée. 2009 , 35-41		
61	Fruits, Nuts, and Brain Aging. <i>Oxidative Stress and Disease</i> , 2009 ,		
60	Acetyl-L-Carnitine and Ferulic Acid Action in Aging and Neurodegenerative Diseases. <i>Oxidative Stress and Disease</i> , 2009 ,		
59	Oxidative Stress and Alzheimer Disease: Mechanisms and Therapeutic Opportunities. <i>Advances in Neurobiology</i> , 2011 , 607-631	2.1	
58	Are Antioxidant Food and Nutrients Useful in Preventing Cognitive Decline?. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2013 , 211-222		
57	Salvia spp.: An Updated on Antioxidant Activity and Pharmacological Uses. 2017 , 151-177		
56	Diet and Nutrition in Alzheimer's Disease and Healthy Aging. 2019 , 183-208		1
55	Melatonin: A Powerful Integrative Adjunctive Agent for Oncology. <i>Journal of Cancer Therapy</i> , 2020 , 11, 571-596	0.2	1
54	Neuroprotective Immunity for Neurodegenerative and Neuroinfectious Diseases. 2020 , 335-370		
53	Delineation of Neuroprotective Effects and Possible Benefits of Antioxidant Therapy for the Treatment of Alzheimer's Diseases by Targeting Mitochondrial-Derived Reactive Oxygen Species: Bench to Bedside. <i>Molecular Neurobiology</i> , 2021 , 59, 657	6.2	8

52	Future Perspectives: New Strategies for Antagonism of Excitotoxicity, Oxidative Stress and Neuroinflammation in Neurodegenerative Diseases. 2008 , 261-279		
51	Neuroprotective strategies in Alzheimer’s disease. <i>Neurotherapeutics</i> , 2004 , 1, 117-127	6.4	
50	Studies on free radicals, antioxidants, and co-factors. <i>Clinical Interventions in Aging</i> , 2007 , 2, 219-36	4	564
49	Mitochondrial Dysfunction during Brain Aging: Role of Oxidative Stress and Modulation by Antioxidant Supplementation. 2011 , 2, 242-56		46
48	Neuroprotective effects of Withania coagulans root extract on CA1 hippocampus following cerebral ischemia in rats. <i>Avicenna Journal of Phytomedicine</i> , 2016 , 6, 399-409	1.4	6
47	The KEAP1-NRF2 System in Healthy Aging and Longevity.. <i>Antioxidants</i> , 2021 , 10,	7.1	5
46	NEIL1 and NEIL2 DNA glycosylases modulate anxiety and learning in a cooperative manner in mice. <i>Communications Biology</i> , 2021 , 4, 1354	6.7	0
45	Disturbances in Redox Homeostasis in the Ageing Brain. <i>Healthy Ageing and Longevity</i> , 2022 , 45-64	0.5	
44	Enantioselective Synthesis and Pharmacological Evaluation of Aza-CGP37157-Lipoic Acid Hybrids for the Treatment of Alzheimer’s Disease.. <i>Antioxidants</i> , 2022 , 11,	7.1	0
43	Lactate-Dependent Cross-Talk Between Astrocyte and GnRH-I Neurons in Hypothalamus of Aged Brain: Decreased GnRH-I Transcription.. <i>Reproductive Sciences</i> , 2022 , 1	3	0
42	Role of Antioxidant Nutraceuticals in Neurodegenerative Diseases. 2022 , 281-300		
41	A Comprehensive Review on Preclinical Evidence Based Neuroprotective Potential of Bacopa Monnieri Against Parkinson’s Disease.. <i>Current Drug Targets</i> , 2022 ,	3	
40	Membrane-Free Stem Cells and Pyridoxal 5’-Phosphate Synergistically Enhance Cognitive Function in Alzheimer’s Disease Mouse Model.. <i>Antioxidants</i> , 2022 , 11,	7.1	1
39	New Metabolic, Digestive, and Oxidative Stress-Related Manifestations Associated with Posttraumatic Stress Disorder.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 5599265	6.7	1
38	The Neurotoxic Effects of Cannabis on Brain: Review of Clinical and Experimental Data. 2022 , 2, 11-23		
37	A Flavonoid on the Brain: Quercetin as a Potential Therapeutic Agent in Central Nervous System Disorders.. <i>Life</i> , 2022 , 12,	3	4
36	Table_1.DOCX. 2018 ,		
35	Data_Sheet_1.docx. 2020 ,		

34	Spectroscopic Evaluation of the Potential Neurotoxic Effects of a New Candidate for Anti-Seizure Medication-TP-315 during Chronic Administration (In Vivo).. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	
33	Polydatin as a therapeutic alternative for central nervous system disorders: A systematic review of animal studies. <i>Phytotherapy Research</i> ,	6.7	0
32	Caffeic Acid Alleviates Memory and Hippocampal Neurogenesis Deficits in Aging Rats Induced by D-Galactose. <i>Nutrients</i> , 2022 , 14, 2169	6.7	1
31	Micelle-associated endomorphin-1 has ability to bind copper in the oxidation state either Cu(II) or Cu(I). <i>Archives of Biochemistry and Biophysics</i> , 2022 , 727, 109305	4.1	
30	Ion Channels and Neurodegenerative Disease Aging Related. <i>Biochemistry</i> ,		1
29	A Mutation in the SDHC Gene of Complex II Increases Oxidative Stress, Resulting in Apoptosis and Tumorigenesis. 2005 , 65, 203-209		77
28	Effects of Catalpol on Alzheimer's Disease and Its Mechanisms. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-12	2.3	0
27	Aging Promotes Chronic Stress-Induced Depressive-Like Behavior by Activating NLRP1 Inflammasome-Driven Inflammatory Signaling in Mice. <i>Inflammation</i> ,	5.1	0
26	Oxidative stress-mediated memory impairment during aging and its therapeutic intervention by natural bioactive compounds. <i>Frontiers in Aging Neuroscience</i> , 14,	5.3	1
25	Bilirubin-Induced Neurological Damage: Current and Emerging iPSC-Derived Brain Organoid Models. 2022 , 11, 2647		0
24	New Myrtenalol-Adamantane Conjugates Alleviate Alzheimer's-Type Dementia in Rat Model. 2022 , 27, 5456		
23	Is lithium neuroprotective? An updated mechanistic illustrated review.		1
22	Effects of Aging and Disease Conditions in Brain of Tumor-Bearing Mice: Evaluation of Purine DNA Damages and Fatty Acid Pool Changes. 2022 , 12, 1075		0
21	The association between allostatic load and brain: A systematic review. 2022 , 145, 105917		0
20	A metabolic and mitochondrial angle on aging. 2023 , 175-256		0
19	Review - Combinatory approaches targeting cognitive impairments and memory enhancement. 2022 , 23,		0
18	Vascular and Nonvascular Mechanisms of Cognitive Impairment and Dementia. 2022 ,		0
17	Association between dietary diversity and sarcopenia in community-dwelling older adults. 2022 , 111896		1

16	Early Time Course of Oxidative Stress in Hippocampal Synaptosomes and Cognitive Loss Following Impaired Insulin Signaling in Rats: Development of Sporadic Alzheimer's Disease. 2022 , 148134	0
15	Cognitive exercise dual-task intervention ameliorates cognitive decline in natural aging rats through reducing oxidative stress and enhancing synaptic plasticity. 2022 , 169, 111981	0
14	Psychological stress. 2023 , 153-158	0
13	Aging. 2023 , 167-175	0
12	Neuropharmacological Interventions of Quercetin and Its Derivatives in Neurological and Psychological Disorders. 2022 , 104955	0
11	Usefulness of Simple Dietary Check Sheet as Screening Tool to Assess the Risk of Muscle Mass Reduction in Community-Dwelling Middle-Aged and Older Adults. 2022 , 77, n/a	0
10	SPORCU İÇEKLERİ FAYDALI MI ?.	0
9	Natural Bioactive Molecules as Neuromedicines for the Treatment/Prevention of Neurodegenerative Diseases.	3
8	Investigating the effect of Mimosa Pudica on dichlorvos induced hippocampal neurodegeneration in mice. 2023 , 3, 100393	0
7	Cognitive and Mood Effect of Alpha-Lipoic Acid Supplementation in a Nonclinical Elder Sample: An Open-Label Pilot Study. 2023 , 20, 2358	0
6	ALOX5-mediated ferroptosis acts as a distinct cell death pathway upon oxidative stress in Huntington's disease. 2023 , 37, 204-217	0
5	Effects of Artemisinin on Antiepileptogenic, Antioxidant and Cholinesterase Enzymes in Pentylene-tetrazole-induced Kindling Model in Mice..	0
4	Therapeutic potential of blackberry extract in the preventing memory deficits and neurochemical alterations in the cerebral cortex, hippocampus and cerebellum of a rat model with amnesia. 2023 , 38, 1261-1272	0
3	Effects of Artemisinin on Antiepileptogenic, Antioxidant and Cholinesterase Enzymes in Pentylene-tetrazole-induced Kindling Model in Mice..	0
2	Fish Models for Exploring Mitochondrial Dysfunction Affecting Neurodegenerative Disorders. 2023 , 24, 7079	0
1	Ferulic Acid Improves Synaptic Plasticity and Cognitive Impairments by Alleviating the PP2B/DARPP-32/PP1 Axis-Mediated STEP Increase and Aβ Burden in Alzheimer's Disease.	0