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**Oxidative stress induced-neurodegenerative diseases:  
the need for antioxidants that penetrate the blood  
brain barrier**

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#	Paper	IF	Citations
642	Alzheimer's disease: my point of view. <b>2001</b> , 17, 269-70		0
641	Protective activity of aromatic amines and imines against oxidative nerve cell death. <b>2001</b> , 382, 1601-12		48
640	Oxidative stress in neurodegeneration: mechanisms and therapeutic perspectives. <b>2001</b> , 1, 553-68		55
639	Oxidative nerve cell death in Alzheimer's disease and stroke: antioxidants as neuroprotective compounds. <b>2002</b> , 383, 521-36		151
638	Implications for neuroprotective treatments. <b>2002</b> , 135, 487-95		60
637	Melatonin, mitochondrial homeostasis and mitochondrial-related diseases. <b>2002</b> , 2, 133-51		123
636	Antioxidants as treatment for neurodegenerative disorders. <b>2002</b> , 11, 1407-35		169
635	Role of oxidative stress and antioxidants in neurodegenerative diseases. <b>2002</b> , 5, 291-309		220
634	Roles of endogenous glutathione levels on 6-hydroxydopamine-induced apoptotic neuronal cell death in human neuroblastoma SK-N-SH cells. <i>Neuropharmacology</i> , <b>2002</b> , 43, 434-43	5.5	49
633	Alpha-lipoic acid protects the retina against ischemia-reperfusion. <i>Neuropharmacology</i> , <b>2002</b> , 43, 1015-25	5.5	71
632	Thiolic antioxidants protect from nitric oxide-induced toxicity in fetal midbrain cultures. <i>Neuropharmacology</i> , <b>2002</b> , 43, 877-88	5.5	35
631	Dendritic spine pathology: cause or consequence of neurological disorders?. <b>2002</b> , 39, 29-54		631
630	Flavonoids of <i>Inula britannica</i> protect cultured cortical cells from necrotic cell death induced by glutamate. <b>2002</b> , 32, 596-604		72
629	Antioxidant neuroprotection in Alzheimer's disease as preventive and therapeutic approach. <b>2002</b> , 33, 182-91		211
628	Role of hydrogen peroxide and oxidative stress in healing responses. <b>2002</b> , 59, 1872-91		161
627	New drugs in the future treatment of Parkinson's disease. <b>2002</b> , 249 Suppl 2, II30-5		10
626	E-p-methoxycinnamic acid protects cultured neuronal cells against neurotoxicity induced by glutamate. <b>2002</b> , 135, 1281-91		40

625	Antioxidant treatment in Alzheimer's disease: current state. <b>2003</b> , 21, 1-11	89
624	In vitro neuroprotection against oxidative stress by pre-treatment with a combination of dihydrolipoic acid and phenyl-butyl nitrones. <b>2003</b> , 5, 265-72	12
623	Effects of some antioxidative aporphine derivatives on striatal dopaminergic transmission and on MPTP-induced striatal dopamine depletion in B6CBA mice. <b>2003</b> , 18, 133-40	14
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621	Deleterious poly(ADP-ribose)polymerase-1 pathway activation in traumatic brain injury in rat. <b>2003</b> , 989, 58-66	77
620	Type I glutaric aciduria, part 1: natural history of 77 patients. <b>2003</b> , 121C, 38-52	241
619	Lipid interaction of alpha-synuclein during the metal-catalyzed oxidation in the presence of Cu <sup>2+</sup> and H <sub>2</sub> O <sub>2</sub> . <b>2003</b> , 84, 1128-42	51
618	Antioxidant strategies in protection against neurodegenerative disorders. <b>2003</b> , 13, 1513-1543	43
617	Evidence that lipopolysaccharide-induced cell death is mediated by accumulation of reactive oxygen species and activation of p38 in rat cortex and hippocampus. <b>2003</b> , 184, 794-804	75
616	Oxidized glutathione stimulated the amyloid formation of alpha-synuclein. <b>2003</b> , 537, 63-7	39
615	Synergistic effects of melatonin and deprenyl against MPTP-induced mitochondrial damage and DA depletion. <b>2003</b> , 24, 491-500	65
614	Deleterious activation of poly(ADP-ribose)polymerase-1 in brain after in vivo oxidative stress. <b>2003</b> , 37, 1201-8	22
613	Safety, tolerability, and efficacy of orally administered cannabinoids in MS. <b>2003</b> , 60, 729-30; author reply 729-30	4
612	Proposed diagnostic criteria and nosology of acute transverse myelitis. <b>2003</b> , 60, 730-1; author reply 730-1	13
611	Ptosis in patients with hemispheric strokes. <b>2003</b> , 60, 726-726	2
610	Salidroside from <i>Rhodiola sachalinensis</i> protects neuronal PC12 cells against cytotoxicity induced by amyloid-beta. <b>2003</b> , 25, 295-304	25
609	Ipsilateral thalamic MRI abnormality in an epilepsy patient. <b>2003</b> , 60, 728; author reply 728	
608	Diffusion abnormalities and Wernicke encephalopathy. <b>2003</b> , 60, 727-728	16

607	Heme oxygenase-1 gene expression attenuates angiotensin II-mediated DNA damage in endothelial cells. <b>2003</b> , 228, 576-83	40
606	Replication-incompetent virions of Japanese encephalitis virus trigger neuronal cell death by oxidative stress in a culture system. <b>2004</b> , 85, 521-533	47
605	Ecstasy/MDMA and cannabis: the complexities of their interactive neuropsychobiological effects. <b>2004</b> , 18, 572-576	24
604	A low molecular weight copper chelator crosses the blood-brain barrier and attenuates experimental autoimmune encephalomyelitis. <b>2004</b> , 89, 1241-51	102
603	The relationship between potency of oxidative stress and severity of depression. <b>2004</b> , 16, 200-3	88
602	Polymorphism in candidate genes: implications for the risk and treatment of idiopathic Parkinson's disease. <b>2004</b> , 4, 291-306	26
601	Sargaquinoic acid supports the survival of neuronal PC12D cells in a nerve growth factor-independent manner. <b>2004</b> , 488, 11-8	42
600	Neuroprotective effect of wogonin in hippocampal slice culture exposed to oxygen and glucose deprivation. <b>2004</b> , 493, 99-102	34
599	Single-dose ebselen does not afford sustained neuroprotection to rats subjected to severe focal cerebral ischemia. <b>2004</b> , 495, 55-62	31
598	Inflammatory mediator and beta-amyloid (25-35)-induced ceramide generation and iNOS expression are inhibited by vitamin E. <b>2004</b> , 37, 325-38	105
597	A link between hyperbilirubinemia, oxidative stress and injury to neocortical synaptosomes. <b>2004</b> , 1026, 33-43	71
596	Maintenance treatment of glutaryl-CoA dehydrogenase deficiency. <b>2004</b> , 27, 885-92	18
595	Free radicals: key to brain aging and heme oxygenase as a cellular response to oxidative stress. <b>2004</b> , 59, 478-93	157
594	Inflammatory mediator and $\beta$ -amyloid (25B5)-induced ceramide generation and iNOS expression are inhibited by vitamin E. <b>2004</b> , 37, 325-325	
593	Antioxidant protection from HIV-1 gp120-induced neuroglial toxicity. <b>2004</b> , 1, 8	30
592	Role of hydrogen peroxide in the aetiology of Alzheimer's disease: implications for treatment. <b>2004</b> , 21, 81-100	93
591	Dipyridamole is neuroprotective for cultured rat embryonic cortical neurons. <b>2004</b> , 314, 501-4	17
590	Immunolocalization of peroxisome proliferator-activated receptors and retinoid X receptors in the adult rat CNS. <b>2004</b> , 123, 131-45	475

589	Cytoprotection by <i>Achyrocline satureioides</i> (Lam) D.C. and some of its main flavonoids against oxidative stress. <b>2004</b> , 91, 13-20	55
588	Free radicals and brain aging. <b>2004</b> , 20, 329-59	220
587	Peripheral markers of oxidative stress and excitotoxicity in neurodegenerative disorders: tools for diagnosis and therapy?. <b>2004</b> , 6, 177-84	51
586	A novel brain-targeted antioxidant (AD4) attenuates haloperidol-induced abnormal movement in rats: implications for tardive dyskinesia. <b>2005</b> , 28, 285-8	16
585	Novel multifunctional neuroprotective iron chelator-monoamine oxidase inhibitor drugs for neurodegenerative diseases: in vitro studies on antioxidant activity, prevention of lipid peroxide formation and monoamine oxidase inhibition. <b>2005</b> , 95, 68-78	177
584	A novel thiol antioxidant that crosses the blood brain barrier protects dopaminergic neurons in experimental models of Parkinson's disease. <b>2005</b> , 21, 637-46	52
583	Synthesis and evaluation of peptidic metal chelators for neuroprotection in neurodegenerative diseases. <b>2005</b> , 66, 190-203	23
582	Nitration and increased alpha-synuclein expression associated with dopaminergic neurodegeneration in equine pituitary pars intermedia dysfunction. <b>2005</b> , 17, 73-80	68
581	The crucial role of metal ions in neurodegeneration: the basis for a promising therapeutic strategy. <b>2005</b> , 146, 1041-59	290
580	Novel potential neuroprotective agents with both iron chelating and amino acid-based derivatives targeting central nervous system neurons. <b>2005</b> , 70, 1642-52	45
579	Long-term melatonin or 17beta-estradiol supplementation alleviates oxidative stress in ovariectomized adult rats. <b>2005</b> , 39, 195-204	44
578	Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses. <b>2005</b> , 39, 876-89	71
577	[Diet and multiple sclerosis]. <b>2005</b> , 76, 131-42	2
576	Systemic and pituitary pars intermedia antioxidant capacity associated with pars intermedia oxidative stress and dysfunction in horses. <b>2005</b> , 66, 2065-72	30
575	Neuroprotective effects of butterbur and rough aster against kainic Acid-induced oxidative stress in mice. <b>2005</b> , 8, 169-76	9
574	Multiple sclerosis and nutrition. <b>2005</b> , 11, 24-32	93
573	Protection by petasignolide A, a major neuroprotective compound in the butanol extract of <i>Petasites japonicus</i> leaves, against oxidative damage in the brains of mice challenged with kainic acid. <b>2005</b> , 53, 8526-32	26
572	Is brain dehydroepiandrosterone synthesis modulated by free radicals in mice?. <b>2005</b> , 377, 130-5	13

571	[Cerebral oxidative stress: are astrocytes vulnerable to low intracellular glutamate concentrations? Consequences for neuronal viability]. <b>2005</b> , 24, 502-9	3
570	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside (AICAR) attenuates the expression of LPS- and Abeta peptide-induced inflammatory mediators in astroglia. <b>2005</b> , 2, 21	30
569	Protective effect of resveratrol on ethanol-induced lipid peroxidation in rats. <b>2006</b> , 41, 236-9	108
568	ATP inhibits hydroxyl radical formation and the inflammatory response of stimulated whole blood even under circumstances of severe oxidative stress. <b>2006</b> , 40, 53-8	10
567	Chroman/catechol hybrids: synthesis and evaluation of their activity against oxidative stress induced cellular damage. <b>2006</b> , 49, 300-6	41
566	Antioxidant status in different regions of heroin addicts' brain. <b>2006</b> , 21, 80-5	13
565	Quebrachitol (2-O-methyl-L-inositol) attenuates 6-hydroxydopamine-induced cytotoxicity in rat fetal mesencephalic cell cultures. <b>2006</b> , 44, 1544-51	14
564	In vitro and in vivo neuroprotection by gamma-glutamylcysteine ethyl ester against MPTP: relevance to the role of glutathione in Parkinson's disease. <b>2006</b> , 402, 137-41	38
563	Novel neuroprotective neurotrophic NAP analogs targeting metal toxicity and oxidative stress: potential candidates for the control of neurodegenerative diseases. <b>2006</b> , 163-72	13
562	Homocysteine metabolism and various consequences of folate deficiency. <b>2006</b> , 9, 421-7	38
561	The radical scavenger CR-6 protects SH-SY5Y neuroblastoma cells from oxidative stress-induced apoptosis: effect on survival pathways. <b>2006</b> , 98, 735-47	25
560	Synthesis, antioxidant activity and structure-activity relationships for a new series of 2-(N-acylaminoethyl)indoles with melatonin-like cytoprotective activity. <b>2006</b> , 40, 259-69	29
559	Neuroprotection by extract of Petasites japonicus leaves, a traditional vegetable, against oxidative stress in brain of mice challenged with kainic acid. <b>2006</b> , 45, 61-9	40
558	Synthesis of 6-hydroxy-7-methoxy-4-oxo-4H-chromene-2-carboxylic acid N-alkyl amides and their antioxidant activity. <b>2006</b> , 29, 183-7	4
557	Synthesis of 7-hydroxy-4-oxo-4H-chromene- and 7-hydroxychroman-2-carboxylic acid N-alkyl amides and their antioxidant activities. <b>2006</b> , 29, 728-34	17
556	Anxiolytic properties of green tea polyphenol (-)-epigallocatechin gallate (EGCG). <b>2006</b> , 1110, 102-15	125
555	In vivo monitoring of extracellular glutamate in the brain with a microsensor. <b>2006</b> , 1118, 34-42	77
554	Role of antioxidants in prophylaxis and therapy: A pharmaceutical perspective. <b>2006</b> , 113, 189-207	547

553	Anti-inflammatory drugs in the treatment of neurodegenerative diseases: current state. <b>2006</b> , 12, 3509-19	37
552	Naturally occurring multipotent anti-Alzheimer's agents. <b>2006</b> , 1, 269-77	6
551	Experimental encephalomyelitis induces changes in DJ-1: implications for oxidative stress in multiple sclerosis. <b>2006</b> , 8, 1987-95	23
550	Oxidative Stress and Neuroprotection. <b>2006</b> ,	2
549	Elevated levels of DNA repair enzymes and antioxidative enzymes by (+)-catechin in murine microglia cells after oxidative stress. <b>2006</b> , 8, 61-71	16
548	The Role of Oxidative Stress in the Pathogenesis of Multiple Sclerosis: Current State. <b>2007</b> , 283-295	1
547	DNA damage in tissues and organs of mice treated with diphenyl diselenide. <b>2007</b> , 633, 35-45	31
546	Peroxiredoxin Systems. <b>2007</b> ,	14
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544	Mitochondrial peroxiredoxins. <b>2007</b> , 44, 295-315	32
543	Potential of neuroprotective antioxidant-based therapeutics from <i>Peltophorum africanum</i> Sond. (Fabaceae). <b>2006</b> , 4, 99-106	11
542	Reactivity of tert-butylperoxyl radical with manganese(III), cobalt(II), and nickel(II) salicylidene Schiff base chelates. <b>2007</b> , 39, 431-439	4
541	Melatonin affects the order, dynamics and hydration of brain membrane lipids. <b>2007</b> , 834-836, 207-215	25
540	Possible involvement of GABAergic modulation in the protective effect of gabapentin against immobilization stress-induced behavior alterations and oxidative damage in mice. <b>2007</b> , 21, 575-81	15
539	Cell death in rat cerebellar granule neurons induced by hydrogen peroxide in vitro: mechanisms and protection by adenosine receptor ligands. <b>2007</b> , 1132, 193-202	42
538	Role of increased expression of the proteasome in the protective effects of sulforaphane against hydrogen peroxide-mediated cytotoxicity in murine neuroblastoma cells. <b>2007</b> , 43, 809-17	107
537	Antioxidant activity of N-acetylcysteine, flavonoids and alpha-tocopherol on endometrial cells in culture. <b>2007</b> , 75, 1-10	32
536	Effect of resveratrol on antioxidant enzyme activities in the brain of healthy rat. <b>2007</b> , 32, 981-7	154

535	Development of biodegradable nanoparticles for oral delivery of ellagic acid and evaluation of their antioxidant efficacy against cyclosporine A-induced nephrotoxicity in rats. <b>2007</b> , 24, 899-908	110
534	Metals ions and neurodegeneration. <b>2007</b> , 20, 639-54	153
533	Cannabis and Ecstasy/MDMA (3,4-methylenedioxymethamphetamine): an analysis of their neuropsychobiological interactions in recreational users. <b>2007</b> , 114, 959-68	52
532	Gender difference in the influence of antioxidants on the blood-brain barrier permeability during pentylenetetrazol-induced seizures in hyperthermic rat pups. <b>2007</b> , 118, 77-83	21
531	Relationship between trace metal concentration and antioxidative activity of ancient rice bran (red and black rice) and a present-day rice bran (Koshihikari). <b>2007</b> , 21, 43-51	11
530	Possible GABAergic modulation in the protective effect of zolpidem in acute hypoxic stress-induced behavior alterations and oxidative damage. <b>2008</b> , 33, 370-7	11
529	Effect of chronic N-acetyl cysteine administration on oxidative status in the presence and absence of induced oxidative stress in rat striatum. <b>2008</b> , 33, 508-17	67
528	Synthesis and free radical scavenging activity of some new spiropyranocoumarins. <b>2008</b> , 18, 5781-4	30
527	Novel squamosamide derivative (compound FLZ) attenuates Abeta25-35-induced toxicity in SH-SY5Y cells. <b>2008</b> , 29, 152-60	13
526	Neuroprotective actions of deferiprone in cultured cortical neurones and SHSY-5Y cells. <b>2008</b> , 105, 2466-76	61
525	Influence of chronic exercise on reserpine-induced oxidative stress in rats: behavioral and antioxidant evaluations. <b>2008</b> , 88, 465-72	39
524	Role of uric acid in multiple sclerosis. <b>2008</b> , 318, 325-42	19
523	Advances in multiple Sclerosis and Experimental Demyelinating Diseases. <b>2008</b> ,	3
522	Endogenous Antioxidant Mechanisms and Glutamate Neurotoxicity. <b>2008</b> , 205-240	
521	Neurochemical Aspects of Excitotoxicity. <b>2008</b> ,	
520	Neuroprotective effects of the citrus flavanones against H2O2-induced cytotoxicity in PC12 cells. <b>2008</b> , 56, 859-64	140
519	Protective effect of alprazolam against sleep deprivation-induced behavior alterations and oxidative damage in mice. <b>2008</b> , 60, 372-9	19
518	Tempol diminishes cocaine-induced oxidative damage and attenuates the development and expression of behavioral sensitization. <b>2008</b> , 155, 649-58	46

517	Zinc rescues dopaminergic SK-N-SH cell lines from methamphetamine-induced toxicity. <b>2008</b> , 77, 361-6	27
516	Quercetin protects against acute immobilization stress-induced behaviors and biochemical alterations in mice. <b>2008</b> , 11, 469-73	39
515	Effect of a blueberry nutritional supplement on macronutrients, food group intake, and plasma vitamin E and vitamin C in US athletes. <b>2008</b> , 59, 327-38	5
514	Folate deprivation, the methionine cycle, and Alzheimer's disease. <b>2008</b> , 79, 83-97	12
513	Reactive oxygen species scavenging properties of ZrO <sub>2</sub> -CeO <sub>2</sub> solid solution nanoparticles. <b>2008</b> , 3, 637-45	31
512	Effects of alpha-lipoic acid on ischemia-reperfusion-induced renal dysfunction in rats. <b>2008</b> , 294, F272-80	39
511	Assaying Vitamins and Micronutrients in Tomato. <b>2008</b> , 537-583	1
510	Oxidative stress in neurodegeneration and available means of protection. <b>2008</b> , 13, 3288-311	84
509	HIV-1 Tat co-operates with IFN-gamma and TNF-alpha to increase CXCL10 in human astrocytes. <b>2009</b> , 4, e5709	53
508	Antioxidant and neuroprotective effects of synthesized sintenin derivatives. <b>2009</b> , 24, 425-31	11
507	The effect of lipoic acid on macro and trace metal levels in living tissues exposed to oxidative stress. <b>2009</b> , 9, 560-8	7
506	Intense exercise potentiates oxidative stress in striatum of reserpine-treated animals. <b>2009</b> , 92, 231-5	25
505	Possible GABAergic mechanism in the protective effect of allopregnenolone against immobilization stress. <b>2009</b> , 602, 343-7	9
504	sPhospholipase A(2) is inhibited by anthocyanidins. <b>2009</b> , 116, 1071-7	22
503	Polycyclic cage structures as carrier molecules for neuroprotective non-steroidal anti-inflammatory drugs. <b>2009</b> , 44, 2577-82	14
502	Prenatal stress causes oxidative damage to mitochondrial DNA in hippocampus of offspring rats. <b>2009</b> , 34, 739-45	41
501	Antioxidant effects of different extracts from <i>Melissa officinalis</i> , <i>Matricaria recutita</i> and <i>Cymbopogon citratus</i> . <b>2009</b> , 34, 973-83	143
500	Novel imine antioxidants at low nanomolar concentrations protect dopaminergic cells from oxidative neurotoxicity. <b>2009</b> , 110, 118-32	39

499	Incorporation of quercetin in lipid microparticles: effect on photo- and chemical-stability. <b>2009</b> , 49, 90-4	61
498	The effects of riluzole on neurological, brain biochemical, and histological changes in early and late term of sepsis in rats. <b>2009</b> , 152, 238-48	60
497	Cell-induced intracellular controlled release of membrane impermeable cysteine from a mesoporous silica nanoparticle-based drug delivery system. <b>2009</b> , 3219-21	115
496	Neuroprotective effect of naphtha[1,2-d]thiazol-2-amine in an animal model of Parkinson's disease. <b>2009</b> , 24, 808-17	11
495	Protection of PC12 cells against superoxide-induced damage by isoflavonoids from <i>Astragalus mongholicus</i> . <b>2009</b> , 22, 50-4	44
494	Oxidative stress and neurodegenerative diseases: a review of upstream and downstream antioxidant therapeutic options. <b>2009</b> , 7, 65-74	2177
493	Neuroprotective herbs and foods from different traditional medicines and diets. <b>2010</b> , 15, 3517-55	88
492	Protective action of 9-hydroxypinoresinol against oxidative damage in brain of mice challenged with kainic acid. <b>2007</b> , 59, 521-8	1
491	Detection of free radicals by isolated perfusion of the rat brain following hemorrhagic stroke: a novel approach to cerebrovascular biomarker research. <b>2010</b> , 206, 311-7	7
490	Chemical diversity of biologically active metabolites in the sclerotia of <i>Inonotus obliquus</i> and submerged culture strategies for up-regulating their production. <b>2010</b> , 87, 1237-54	80
489	Lipophilic phenolic antioxidants: correlation between antioxidant profile, partition coefficients and redox properties. <b>2010</b> , 18, 5816-25	77
488	Protective effects of aqueous extract from <i>Cudrania tricuspidata</i> on oxidative stress-induced neurotoxicity. <b>2010</b> , 19, 1113-1117	22
487	An efficient synthesis and antioxidant properties of novel imino and amino derivatives of 4-hydroxy coumarins. <b>2010</b> , 33, 5-15	31
486	Restoration of nigrostriatal dopamine neurons in post-MPTP treatment by the novel multifunctional brain-permeable iron chelator-monoamine oxidase inhibitor drug, M30. <b>2010</b> , 17, 15-27	62
485	Vitamins E and D3 attenuate demyelination and potentiate remyelination processes of hippocampal formation of rats following local injection of ethidium bromide. <b>2010</b> , 30, 289-99	83
484	CAT C-262T and GPX1 Pro198Leu polymorphisms in a Turkish population. <b>2010</b> , 37, 87-92	32
483	Strategies for the inhibition of protein aggregation in human diseases. <b>2010</b> , 11, 1018-35	100
482	Substituted imino and amino derivatives of 4-hydroxycoumarins as novel antioxidant, antibacterial and antifungal agents: Synthesis and in vitro assessments. <b>2010</b> , 120, 1011-1018	84

481	Bioadhesive chitosan nanoparticles: Preparation and characterization. <b>2010</b> , 81, 243-251	222
480	Effect of St. John's Wort ( <i>Hypericum perforatum</i> ) treatment on restraint stress-induced behavioral and biochemical alteration in mice. <b>2010</b> , 10, 18	30
479	Metalloporphyrins as cytoprotective agents against oxidative and nitrative stress in cellular models of neurodegeneration. <b>2010</b> , 113, 363-73	71
478	Structure Effect on Antioxidant Activity of Catecholamines toward Singlet Oxygen and Other Reactive Oxygen Species in vitro. <b>2010</b> , 47, 181-90	24
477	DNA repair and the accumulation of oxidatively damaged DNA are affected by fruit intake in mice. <b>2010</b> , 65, 1300-11	7
476	Effect of nanohypericum ( <i>Hypericum perforatum</i> gold nanoparticles) treatment on restraint stress-induced behavioral and biochemical alteration in male albino mice. <b>2010</b> , 2, 330-4	30
475	Effects of chlorpyrifos on transglutaminase activity in differentiating rat C6 glioma cells. <b>2010</b> , 24, 2104-7	1
474	Redox control of protein kinase C: cell- and disease-specific aspects. <b>2010</b> , 13, 1051-85	103
473	Cell signaling mechanisms in developmental neurotoxicity. <b>2011</b> , 835-845	
472	Oxidative stress and blood-brain barrier dysfunction under particular consideration of matrix metalloproteinases. <b>2011</b> , 15, 1305-23	106
471	Neurobiological aspects of Alzheimer's disease. <b>2011</b> , 15, 535-55	35
470	The Role of Antioxidants in Human Health. <b>2011</b> , 1-37	53
469	ROS initiated oxidation of dopamine under oxidative stress conditions in aqueous and lipidic environments. <b>2011</b> , 115, 12234-46	91
468	Oxidative stress and anxiety-like symptoms related to withdrawal of passive cigarette smoke in mice: beneficial effects of pecan nut shells extract, a by-product of the nut industry. <b>2011</b> , 74, 1770-8	26
467	The antioxidant potential of alprazolam on the redox status of peripheral blood leukocytes in restraint-stressed mice. <b>2011</b> , 89, 650-4	13
466	Neuroprotective effects of marine algae. <b>2011</b> , 9, 803-18	155
465	Oxidative stress in schizophrenia. <b>2011</b> , 9, 301-12	169
464	Oxygen Free Radicals and Their Biomedical Implications: A Mini Review. <b>2011</b> , 8, 372-376	4

463	The ameliorative effect of 23-hydroxytormentonic acid isolated from <i>Rubus coreanus</i> on cisplatin-induced nephrotoxicity in rats. <b>2011</b> , 34, 1508-13	13
462	23-Hydroxytormentonic acid and niga-ichigoside f isolated from <i>Rubus coreanus</i> attenuate cisplatin-induced cytotoxicity by reducing oxidative stress in renal epithelial LLC-PK cells. <b>2011</b> , 34, 906-11	16
461	High dose ascorbic acid does not reverse central sympathetic overactivity in chronic heart failure. <b>2011</b> , 36, 546-52	4
460	Modulation of H <sub>2</sub> O <sub>2</sub> -induced mitogen-activated protein kinases activation and cell death in SK-N-MC cells by EUK134, a salen derivative. <b>2011</b> , 108, 378-84	9
459	The cytotoxic mechanism of malondialdehyde and protective effect of carnosine via protein cross-linking/mitochondrial dysfunction/reactive oxygen species/MAPK pathway in neurons. <b>2011</b> , 650, 184-94	58
458	Melanin biosynthesis inhibitory effects of calycosin-7-O-β-glucoside isolated from astragalus ( <i>Astragalus membranaceus</i> ). <b>2011</b> , 20, 1481-1485	4
457	Oxidative stress and β-amyloid protein in Alzheimer's disease. <b>2011</b> , 13, 223-50	178
456	Short term dietary fish oil supplementation improves motor deficiencies related to reserpine-induced parkinsonism in rats. <b>2011</b> , 46, 143-9	15
455	Synthesis of cinnamoyl ketoamides as hybrid structures of antioxidants and calpain inhibitors. <b>2011</b> , 21, 2850-4	10
454	Urocotrienol quinone modulates oxidative stress response and the biochemistry of aging. <b>2011</b> , 21, 3693-8	73
453	Melatonin-mitochondria interplay in health and disease. <b>2011</b> , 11, 221-40	179
452	Chronic inflammatory disorders and their redox control: from molecular mechanisms to therapeutic opportunities. <b>2011</b> , 15, 2605-41	110
451	HIV-1 Tat-mediated induction of platelet-derived growth factor in astrocytes: role of early growth response gene 1. <b>2011</b> , 186, 4119-29	34
450	[Resistance of nerve cells to oxidative injury]. <b>2011</b> , 64, 386-91	6
449	Effects of intracellular zinc depletion on the expression of VDAC in cultured hippocampal neurons. <b>2011</b> , 14, 80-7	7
448	Inhibition of GTRAP3-18 may increase neuroprotective glutathione (GSH) synthesis. <b>2012</b> , 13, 12017-35	39
447	Understanding redox homeostasis and its role in cancer. <b>2012</b> , 6, 1796-802	18
446	Peripheral oxidative damage in early-stage mood disorders: a nested population-based case-control study. <b>2012</b> , 15, 1043-50	52

445	DNA damage in organs of mice treated acutely with patulin, a known mycotoxin. <b>2012</b> , 50, 3548-55	60
444	Activation of AMP-activated protein kinase alleviates high-glucose-induced dysfunction of brain microvascular endothelial cell tight-junction dynamics. <b>2012</b> , 53, 1213-21	36
443	The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain. <b>2012</b> , 61, 1231-41	50
442	Rational discovery and development of a mitochondria-targeted antioxidant based on cinnamic acid scaffold. <b>2012</b> , 46, 600-11	23
441	Drug-loaded nanocarriers: passive targeting and crossing of biological barriers. <b>2012</b> , 19, 3070-102	127
440	Insulin in central nervous system: more than just a peripheral hormone. <b>2012</b> , 2012, 384017	170
439	Puerarin protects differentiated PC12 cells from H <sub>2</sub> O <sub>2</sub> -induced apoptosis through the PI3K/Akt signalling pathway. <b>2012</b> , 36, 419-26	37
438	Well-defined cross-linked antioxidant nanozymes for treatment of ischemic brain injury. <b>2012</b> , 162, 636-45	75
437	Anti-amyloidogenic activity of glutathione-covered gold nanoparticles. <b>2012</b> , 32, 2529-2535	27
436	Hesperidin attenuates brain biochemical changes of irradiated rats. <b>2012</b> , 88, 613-8	16
435	Oxidative stress in genetic mouse models of Parkinson's disease. <b>2012</b> , 2012, 624925	61
434	The antioxidant mechanisms underlying the aged garlic extract- and S-allylcysteine-induced protection. <b>2012</b> , 2012, 907162	166
433	Inhibition of sevoflurane postconditioning against cerebral ischemia reperfusion-induced oxidative injury in rats. <b>2011</b> , 17, 341-54	29
432	Retinoids for treatment of Alzheimer's disease. <b>2012</b> , 38, 84-9	22
431	FLZ, synthetic squamosamide cyclic derivative, attenuates memory deficit and pathological changes in mice with experimentally induced aging. <b>2012</b> , 385, 579-85	7
430	Neuroprotective effect of crocin on acrylamide-induced cytotoxicity in PC12 cells. <b>2012</b> , 32, 227-35	164
429	Targeting mitochondrial reactive oxygen species as novel therapy for inflammatory diseases and cancers. <b>2013</b> , 6, 19	446
428	endoCANNABINOIDS. <b>2013</b> ,	6

427	Protection against oxidative stress caused by intermittent cold exposure by combined supplementation with vitamin E and C in the aging rat hypothalamus. <b>2013</b> , 38, 876-85	7
426	Analysis of the parameters of oxidative stress in patients with Parkinson's disease. <b>2013</b> , 22, 151-155	4
425	Antioxidant phospholipid calix[4]arene mimics as micellar delivery systems. <b>2013</b> , 11, 6108-12	24
424	A mechanistic investigation on anticholinesterase and antioxidant effects of rose ( <i>Rosa damascena</i> Mill.). <b>2013</b> , 53, 502-509	27
423	Neuropharmacological review of the nootropic herb <i>Bacopa monnieri</i> . <b>2013</b> , 16, 313-26	136
422	Toxic effects of perinatal arsenic exposure on the brain of developing rats and the beneficial role of natural antioxidants. <b>2013</b> , 36, 73-9	29
421	Single-cell lipidomics: characterizing and imaging lipids on the surface of individual <i>Aplysia californica</i> neurons with cluster secondary ion mass spectrometry. <b>2013</b> , 85, 2231-8	88
420	Elevation of 4-hydroxynonenal and malondialdehyde modified protein levels in cerebral cortex with cognitive dysfunction in rats exposed to 1-bromopropane. <b>2013</b> , 306, 16-23	14
419	The effect of resveratrol on neurodegeneration and blood brain barrier stability surrounding intracortical microelectrodes. <b>2013</b> , 34, 7001-15	90
418	The neurotoxicity of $\beta$ amyloid peptide toward rat brain is associated with enhanced oxidative stress, inflammation and apoptosis, all of which can be attenuated by scutellarin. <b>2013</b> , 65, 579-84	66
417	The mechanism of the opening of the blood-brain barrier by borneol: A pharmacodynamics and pharmacokinetics combination study. <b>2013</b> , 150, 1096-1108	69
416	Neuroprotective potential of silymarin against CNS disorders: insight into the pathways and molecular mechanisms of action. <b>2013</b> , 19, 847-53	61
415	Comparison of taurine, GABA, Glu, and Asp as scavengers of malondialdehyde in vitro and in vivo. <b>2013</b> , 8, 190	38
414	In vitro neuroprotective potential of four medicinal plants against rotenone-induced toxicity in SH-SY5Y neuroblastoma cells. <b>2013</b> , 13, 353	25
413	Melatonin supplementation in rat ameliorates ovariectomy-induced oxidative stress. <b>2013</b> , 16, 274-83	5
412	Protective effect of L-theanine on chronic restraint stress-induced cognitive impairments in mice. <b>2013</b> , 1503, 24-32	33
411	Antioxidant therapy: still in search of the 'magic bullet'. <b>2013</b> , 13, 427-35	43
410	<i>Paeonia emodi</i> Royle: Ethnomedicinal uses, phytochemistry and pharmacology. <b>2013</b> , 6, 261-266	17

409	Reactive oxygen species responsive nanoprodrug to treat intracranial glioblastoma. <b>2013</b> , 7, 3061-77	28
408	Synthesis, characterization, and antimicrobial and antioxidant activities of novel bis-isatin carbohydrazone derivatives. <b>2013</b> , 95, 367-378	21
407	Effects of borneol on the pharmacokinetics of geniposide in cortex, hippocampus, hypothalamus and striatum of conscious rat by simultaneous brain microdialysis coupled with UPLC-MS. <b>2013</b> , 77, 128-32	38
406	Promising effects on ameliorating mitochondrial function and enhancing Akt signaling in SH-SY5Y cells by (M)-bicelaphanol A, a novel dimeric podocarpane type trinorditerpene isolated from <i>Celastrus orbiculatus</i> . <b>2013</b> , 20, 1064-70	19
405	A review on antioxidants, prooxidants and related controversy: natural and synthetic compounds, screening and analysis methodologies and future perspectives. <b>2013</b> , 51, 15-25	93 <sup>1</sup>
404	Daphnetin prevents chronic unpredictable stress-induced cognitive deficits. <b>2013</b> , 27, 510-6	17
403	Antioxidant capacity and antimutagenic potential of <i>Murraya koenigii</i> . <b>2013</b> , 2013, 263509	25
402	Optical imaging to map blood-brain barrier leakage. <b>2013</b> , 3, 3117	32
401	Protective effect of gallic acid on immobilization induced stress in encephalon and myocardium of male albino Wistar rats. <b>2013</b> , 3, 269	3
400	Low Concentration Platinum Nanoparticles Effectively Scavenge Reactive Oxygen Species in Rat Skeletal L6 Cells. <b>2013</b> , 5,	7
399	Antioxidant peptides obtained from goose egg white proteins by enzymatic hydrolysis. <b>2013</b> , 48, 1603-1609	16
398	A review of the mechanism of injury and treatment approaches for illness resulting from exposure to water-damaged buildings, mold, and mycotoxins. <b>2013</b> , 2013, 767482	39
397	Molecular Docking Assessment of Efficacy of Different Clinically Used Arsenic Chelator Drugs. <b>2013</b> , 2013, 1-8	3
396	ANTI-STRESS EFFECTS OF KAEMPFERIA PARVIFLORA IN IMMOBILIZATION SUBJECTED RATS. <b>2013</b> , 8, 31-38	3
395	Neurodegeneration in multiple sclerosis involves multiple pathogenic mechanisms. <b>2014</b> , 4, 49-63	16
394	Anti-oxidative effects of Rooibos tea ( <i>Aspalathus linearis</i> ) on immobilization-induced oxidative stress in rat brain. <b>2014</b> , 9, e87061	41
393	Proteomic characterization of acyclovir-induced nephrotoxicity in a mouse model. <b>2014</b> , 9, e103185	11
392	Early onset Alzheimer's disease and oxidative stress. <b>2014</b> , 2014, 375968	35

391	Mitochondrial dysfunctions in neurodegenerative diseases: relevance to Alzheimer's disease. <b>2014</b> , 2014, 175062	167
390	A mini library of novel triazolothiadiazepinyndole analogues: synthesis, antioxidant and antimicrobial evaluations. <b>2014</b> , 2014, 581737	1
389	Tetrandrine protects mouse retinal ganglion cells from ischemic injury. <b>2014</b> , 8, 327-39	13
388	Evaluation of oxidant stress and antioxidant defense in discrete brain regions of rats exposed to 900 MHz radiation. <b>2014</b> , 115, 260-266	3
387	Fish oil omega-3 fatty acids reduce the severity of radiation-induced oxidative stress in the rat brain. <b>2014</b> , 90, 1179-83	17
386	Synthesis of a clickable Angiopep-conjugated p-coumaric acid for brain-targeted delivery. <b>2014</b> , 49, 8204-8213	3
385	Multitarget ligands and theranostics: sharpening the medicinal chemistry sword against prion diseases. <b>2014</b> , 6, 1017-29	7
384	Systemic administration of the antioxidant/iron chelator Lipoic acid protects against light-induced photoreceptor degeneration in the mouse retina. <b>2014</b> , 55, 5979-88	28
383	Characterization of the expression and inflammatory activity of NADPH oxidase after spinal cord injury. <b>2014</b> , 48, 929-39	34
382	High-sulfur in beef cattle diets: a review. <b>2014</b> , 92, 3763-80	42
381	Ligularia fischeri extract protects against oxidative-stress-induced neurotoxicity in mice and PC12 cells. <b>2014</b> , 17, 1222-31	7
380	The Indian Blackberry (Jamun), Antioxidant Capacity, and Cancer Protection. <b>2014</b> , 101-113	11
379	Microwave Assisted Synthesis of Novel Imidazolopyridinyl Indoles as Potent Antioxidant and Antimicrobial Agents. <b>2014</b> , 2014, 1-8	3
378	Intraperitoneal Alpha-Lipoic Acid to prevent neural damage after crush injury to the rat sciatic nerve. <b>2009</b> , 4, 22	43
377	The protective effects of Trolox-loaded chitosan nanoparticles against hypoxia-mediated cell apoptosis. <b>2014</b> , 10, 1411-20	17
376	Evaluation of lovastatin effects on expression of anti-apoptotic Nrf2 and PGC-1 $\beta$ genes in neural stem cells treated with hydrogen peroxide. <b>2014</b> , 49, 1364-72	21
375	Novel therapeutic strategies for traumatic brain injury: acute antioxidant reinforcement. <b>2014</b> , 28, 229-48	45
374	Oxidative stress-induced signaling pathways implicated in the pathogenesis of Parkinson's disease. <b>2014</b> , 16, 217-30	137

373	Protective effects of flavonol isoquercitrin, against 6-hydroxy dopamine (6-OHDA)-induced toxicity in PC12 cells. <b>2014</b> , 7, 49	49
372	Antioxidants as Potential Therapeutics in Neurodegeneration. <b>2014</b> , 2191-2273	3
371	Neuroprotective effects of bikaverin on H <sub>2</sub> O <sub>2</sub> -induced oxidative stress mediated neuronal damage in SH-SY5Y cell line. <b>2014</b> , 34, 973-85	53
370	The discovery and development of new potential antioxidant agents for the treatment of neurodegenerative diseases. <b>2014</b> , 9, 1205-22	35
369	Antioxidative defense mechanisms controlled by Nrf2: state-of-the-art and clinical perspectives in neurodegenerative diseases. <b>2014</b> , 88, 1773-86	61
368	The effects of C-glycosylation of luteolin on its antioxidant, anti-Alzheimer's disease, anti-diabetic, and anti-inflammatory activities. <b>2014</b> , 37, 1354-63	86
367	Selenium supplementation shows protective effects against patulin-induced brain damage in mice via increases in GSH-related enzyme activity and expression. <b>2014</b> , 109, 37-43	40
366	Nucleoside-2',3'/3',5'-bis(thio)phosphate analogues are promising antioxidants acting mainly via Cu <sup>+</sup> /Fe <sup>2+</sup> ion chelation. <b>2014</b> , 53, 1594-605	7
365	Intranasal therapeutic strategies for management of Alzheimer's disease. <b>2014</b> , 22, 279-94	57
364	Antioxidants and human diseases. <b>2014</b> , 436, 332-47	252
363	Discovery of vinyl sulfones as a novel class of neuroprotective agents toward Parkinson's disease therapy. <b>2014</b> , 57, 1473-87	150
362	Nicotinamide nucleotide transhydrogenase (Nnt) links the substrate requirement in brain mitochondria for hydrogen peroxide removal to the thioredoxin/peroxiredoxin (Trx/Prx) system. <b>2014</b> , 289, 15611-20	59
361	Cerium oxide nanoparticles protect against Aβ-induced mitochondrial fragmentation and neuronal cell death. <b>2014</b> , 21, 1622-32	126
360	Functions of the CB1 and CB 2 receptors in neuroprotection at the level of the blood-brain barrier. <b>2014</b> , 16, 620-42	37
359	Cellular Antioxidant Activity and Pharmacokinetic Study of Polymethoxylated Flavonoids in Extract of Citrus reticulata ꞤhachiꞤeel. <b>2014</b> , 20, 629-637	7
358	Suppression of agrin-22 production and synaptic dysfunction in Cln1 (-/-) mice. <b>2015</b> , 2, 1085-104	8
357	Cln1 gene disruption in mice reveals a common pathogenic link between two of the most lethal childhood neurodegenerative lysosomal storage disorders. <b>2015</b> , 24, 5416-32	19
356	Implications of glial nitric oxide in neurodegenerative diseases. <b>2015</b> , 9, 322	192

355	Blast-Associated Shock Waves Result in Increased Brain Vascular Leakage and Elevated ROS Levels in a Rat Model of Traumatic Brain Injury. <b>2015</b> , 10, e0127971	41
354	Enhanced Neuroprotective Effects of Coadministration of Tetrandrine with Glutathione in Preclinical Model of Parkinson's Disease. <b>2015</b> , 2015, 931058	5
353	Resveratrol Protects PC12 Cell against 6-OHDA Damage via CXCR4 Signaling Pathway. <b>2015</b> , 2015, 730121	11
352	Neuroprotective effect of Scutellaria baicalensis flavones against global ischemic model in rats. <b>2015</b> , 27, 1-8	6
351	Effect of chemotherapy exposure prior to pregnancy on fetal brain tissue and the potential protective role of quercetin. <b>2015</b> , 67, 1031-8	13
350	Electrochemical Biosensors for Real-Time Monitoring of Reactive Oxygen and Nitrogen Species. <b>2015</b> , 301-327	4
349	The impact of detoxifying and repair gene polymorphisms and the levels of serum ROS in the susceptibility to multiple sclerosis. <b>2015</b> , 139, 288-94	12
348	Brown algae phlorotannins enhance the tumoricidal effect of cisplatin and ameliorate cisplatin nephrotoxicity. <b>2015</b> , 136, 355-64	30
347	Changes in the mitochondrial antioxidant systems in neurodegenerative diseases and acute brain disorders. <b>2015</b> , 88, 66-72	74
346	Glial lipid droplets and ROS induced by mitochondrial defects promote neurodegeneration. <b>2015</b> , 160, 177-90	395
345	Free Radical Scavenging and Cytotoxic Potential of Celosia argentea. <b>2015</b> , 7, 191-197	3
344	The role of base excision repair in the development of primary open angle glaucoma in the Polish population. <b>2015</b> , 778, 26-40	10
343	Photosensitive damage of lysozyme caused by pazufloxacin and the protective effect of ferulic acid. <b>2015</b> , 58, 508-513	4
342	Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. <b>2015</b> , 10, 1127-38	73
341	The Role of 6-Gingerol on Inhibiting Amyloid $\beta$ Protein-Induced Apoptosis in PC12 Cells. <b>2015</b> , 18, 413-21	22
340	Antioxidant activity of dopamine and L-DOPA in lipid micelles and their cooperation with an analogue of $\beta$ -tocopherol. <b>2015</b> , 83, 1-11	43
339	Ascorbate protects neurons against oxidative stress: a Raman microspectroscopic study. <b>2015</b> , 6, 1794-801	30
338	Oxidative stress, mitochondrial dysfunction and neurodegenerative diseases; a mechanistic insight. <b>2015</b> , 74, 101-10	493

337	Reactive Oxygen Species and Cellular Defense System. <b>2015</b> , 17-29	39
336	Patients with multiple sclerosis show increased oxidative stress markers and somatic telomere length shortening. <b>2015</b> , 400, 183-7	44
335	Neuroprotective effect of humic Acid on focal cerebral ischemia injury: an experimental study in rats. <b>2015</b> , 38, 32-9	26
334	Botryococcus braunii and Nannochloropsis oculata extracts inhibit cholinesterases and protect human dopaminergic SH-SY5Y cells from H2O2-induced cytotoxicity. <b>2015</b> , 27, 839-848	25
333	Synergic Effect of Borneol and Ligustrazine on the Neuroprotection in Global Cerebral Ischemia/Reperfusion Injury: A Region-Specificity Study. <b>2016</b> , 2016, 4072809	15
332	The Role of Oxidative Stress in Etiopathogenesis of Chemotherapy Induced Cognitive Impairment (CICI)-"Chemobrain". <b>2016</b> , 7, 307-17	44
331	Honest Signaling and Oxidative Stress: The Special Case of Avian Acoustic Communication. <b>2016</b> , 4,	8
330	Neuroprotective Effects of Methyl 3,4-Dihydroxybenzoate against TBHP-Induced Oxidative Damage in SH-SY5Y Cells. <b>2016</b> , 21,	12
329	Large-brained birds suffer less oxidative damage. <b>2016</b> , 29, 1968-1976	9
328	Anti-Inflammatory Effects of the Flowers of Prunus persica var. davidiana. <b>2016</b> , 40, 227-234	4
327	Protective Effects of Melatonin on Free Radical-Induced Oxidative Stress. <b>2016</b> , 06, 103-109	
326	Inflammation, Aging, and Oxidative Stress. <b>2016</b> ,	8
325	Effects of WR1065 on 6-hydroxydopamine-induced motor imbalance: Possible involvement of oxidative stress and inflammatory cytokines. <b>2016</b> , 627, 7-12	8
324	Identification of cardioprotective agents from traditional Chinese medicine against oxidative damage. <b>2016</b> , 14, 77-88	4
323	The neuroprotective properties of a novel variety of passion fruit. <b>2016</b> , 23, 359-369	8
322	Neuroprotective effects of p-tyrosol after the global cerebral ischemia in rats. <b>2016</b> , 23, 784-92	21
321	DNA Damage in Major Psychiatric Diseases. <b>2016</b> , 30, 251-67	32
320	Effect of various concentrations of butylated hydroxyanisole and butylated hydroxytoluene on freezing capacity of Turkman stallion sperm. <b>2016</b> , 170, 108-13	17

319	Stabilization of Natural Antioxidants by Silk Biomaterials. <b>2016</b> , 8, 13573-82	24
318	Avocado as a Major Dietary Source of Antioxidants and Its Preventive Role in Neurodegenerative Diseases. <b>2016</b> , 12, 337-54	11
317	Quantitative and antioxidative behavior of Trolox in rats' blood and brain by HPLC-UV and SMFIA-CL methods. <b>2016</b> , 31, 414-418	4
316	Oxidative Stress, Inflammation, and Disease. <b>2016</b> , 35-58	51
315	Comparative Study of Chemical Composition, In Vitro Inhibition of Cholinergic and Monoaminergic Enzymes, and Antioxidant Potentials of Essential Oil from Peels and Seeds of Sweet Orange (Citrus Sinensis [L.] Osbeck) Fruits. <b>2016</b> , 40, 53-60	34
314	Effects of Oxidative Stress and Testosterone on Pro-Inflammatory Signaling in a Female Rat Dopaminergic Neuronal Cell Line. <b>2016</b> , 157, 2824-35	35
313	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. <b>2016</b> , 84, 892-908	109
312	The therapeutic potential of metabolic hormones in the treatment of age-related cognitive decline and Alzheimer's disease. <b>2016</b> , 36, 1305-1315	13
311	Compound K derived from ginseng: neuroprotection and cognitive improvement. <b>2016</b> , 7, 4506-4515	49
310	Magnetically softened iron oxide (MSIO) nanofluid and its application to thermally-induced heat shock proteins for ocular neuroprotection. <b>2016</b> , 101, 165-75	5
309	The effect of ethyl pyruvate and N-acetylcysteine on ischemia-reperfusion injury in an experimental model of ischemic stroke. <b>2016</b> , 34, 1804-7	16
308	Cordycepin protects PC12 cells against 6-hydroxydopamine induced neurotoxicity via its antioxidant properties. <b>2016</b> , 81, 7-14	60
307	Antioxidant, Antimicrobial and Urease Inhibitory Activities of Phenolics-Rich Pomegranate Peel Hydro-Alcoholic Extracts. <b>2016</b> , 40, 550-558	18
306	In vitro neuroprotective potential of the monoterpenes $\alpha$ -pinene and 1,8-cineole against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in PC12 cells. <b>2016</b> , 71, 191-9	48
305	The sigma-1 receptor-zinc finger protein 179 pathway protects against hydrogen peroxide-induced cell injury. <i>Neuropharmacology</i> , <b>2016</b> , 105, 1-9	5.5 17
304	Enhancing the therapeutic effects of polyphenols with macromolecules. <b>2016</b> , 7, 1529-1544	92
303	Chrysin-piperazine conjugates as antioxidant and anticancer agents. <b>2016</b> , 88, 166-77	26
302	Apollo-NADP(+): a spectrally tunable family of genetically encoded sensors for NADP(+). <b>2016</b> , 13, 352-8	70

301	Therapeutic Potentials of Curcumin for Alzheimer Disease. <b>2016,</b>	8
300	Characterization of the antioxidant fraction of <i>Trapa japonica</i> pericarp and its hepatic protective effects in vitro and in vivo. <b>2016, 7, 1689-99</b>	5
299	Astrocytes as new targets to improve cognitive functions. <b>2016, 144, 48-67</b>	92
298	Effects of Curcumin on Oxidative Stress in Animal Models and Patients with Alzheimer Disease. <b>2016, 209-257</b>	
297	Nrf2-ARE pathway: An emerging target against oxidative stress and neuroinflammation in neurodegenerative diseases. <b>2016, 157, 84-104</b>	295
296	Selected Micronutrients in Cognitive Decline Prevention and Therapy. <b>2016, 53, 4083-4093</b>	15
295	Radical scavenging, prolyl endopeptidase inhibitory, and antimicrobial potential of a cultured Himalayan lichen <i>Cetrelia olivetorum</i> . <b>2016, 54, 692-700</b>	3
294	MEF2D Mediates the Neuroprotective Effect of Methylene Blue Against Glutamate-Induced Oxidative Damage in HT22 Hippocampal Cells. <b>2017, 54, 2209-2222</b>	13
293	Mechanism of development of depression and probiotics as adjuvant therapy for its prevention and management. <b>2017, 5, 40-51</b>	12
292	Ischemic optic neuropathy as a model of neurodegenerative disorder: A review of pathogenic mechanism of axonal degeneration and the role of neuroprotection. <b>2017, 375, 430-441</b>	17
291	Cysteine and N-acetyl cysteine encapsulated mesoporous silica: synthesis, characterization and influence of parameters on in-vitro controlled release. <b>2017, 24, 1105-1115</b>	2
290	Antibacterial and norfloxacin potentiation activities of <i>Ocimum americanum</i> L. against methicillin resistant <i>Staphylococcus aureus</i> . <b>2017, 109, 308-314</b>	5
289	Capillarisin augments anti-oxidative and anti-inflammatory responses by activating Nrf2/HO-1 signaling. <b>2017, 105, 11-20</b>	13
288	Structural elucidation of a polysaccharide from <i>Lonicera japonica</i> flowers, and its neuroprotective effect on cerebral ischemia-reperfusion injury in rat. <b>2017, 99, 350-357</b>	17
287	Natural Neuroprotectives for the Management of Parkinson's Disease. <b>2017, 57-90</b>	
286	Lipid Peroxidation and Mitochondrial Dysfunction in Alzheimer's and Parkinson's Diseases: Role of Natural Products as Cytoprotective Agents. <b>2017, 107-151</b>	1
285	Antiradical activity of catecholamines and metabolites of dopamine: theoretical and experimental study. <b>2017, 19, 12970-12980</b>	21
284	Antidiabetic and antioxidant activities of brown and red macroalgae from the Persian Gulf. <b>2017, 29, 3151-3159</b>	24

283	Melatonin receptors: distribution in mammalian brain and their respective putative functions. <b>2017</b> , 222, 2921-2939	76
282	Chemical Elements and Oxidative Status in Neuroinflammation. <b>2017</b> , 67-81	
281	Why Have Clinical Trials of Antioxidants to Prevent Neurodegeneration Failed? - A Cellular Investigation of Novel Phenothiazine-Type Antioxidants Reveals Competing Objectives for Pharmaceutical Neuroprotection. <b>2017</b> , 34, 378-393	15
280	Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress. <b>2017</b> , 387, 67-80	81
279	Coenzyme Q10 and niacin mitigate streptozotocin- induced diabetic encephalopathy in a rat model. <b>2017</b> , 32, 1519-1527	4
278	Neurophysiological and Behavioral Dysfunctions After Electromagnetic Field Exposure: A Dose Response Relationship. <b>2017</b> , 1-30	
277	The influence of vitamins E and C and exercise on brain aging. <b>2017</b> , 94, 69-72	12
276	Oxidative Stress: Diagnostic Methods and Applications in Medical Science. <b>2017</b> ,	5
275	Oxidative Stress: Diagnostic Methods and Application in Medical Science. <b>2017</b> , 23-45	4
274	Efficacy of Lipoic acid against cadmium toxicity on metal ion and oxidative imbalance, and expression of metallothionein and antioxidant genes in rabbit brain. <b>2017</b> , 24, 24593-24601	22
273	Crosstalk between endoplasmic reticulum stress and oxidative stress in schizophrenia: The dawn of new therapeutic approaches. <b>2017</b> , 83, 589-603	22
272	Protective effect of 5, 7-dihydroxyflavone on brain of rats exposed to acrylamide or $\gamma$ radiation. <b>2017</b> , 175, 149-155	19
271	Oxidative Stress and Amyloid Toxicity: Insights From Yeast. <b>2017</b> , 118, 1442-1452	22
270	Oxidative Stress in Oral Diseases: Understanding Its Relation with Other Systemic Diseases. <b>2017</b> , 8, 693	46
269	Anti-stress effect of the strain S-PT84 in mice. <b>2017</b> , 36, 121-128	1
268	Cell Signaling Mechanisms in Developmental Neurotoxicity. <b>2017</b> , 1037-1049	
267	Inhibitory Effect of Lycopene on Amyloid- $\beta$ Induced Apoptosis in Neuronal Cells. <b>2017</b> , 9,	53
266	Fatty Acids, Antioxidants and Physical Activity in Brain Aging. <b>2017</b> , 9,	37

265	Molecular Mechanisms behind Free Radical Scavengers Function against Oxidative Stress. <i>Antioxidants</i> , <b>2017</b> , 6,	7.1	119
264	Alzheimer's Disease: The Role of Microglia in Brain Homeostasis and Proteopathy. <b>2017</b> , 11, 680		80
263	Chemosensitivity of U251 Cells to the Co-treatment of D-Penicillamine and Copper: Possible Implications on Wilson Disease Patients. <b>2017</b> , 10, 10		11
262	Phytochemistry and Pharmacological Studies of : A Medicinal Plant Review. <b>2017</b> , 2017, 9789802		6
261	Oxidative Stress in Neurodegenerative Diseases: From Molecular Mechanisms to Clinical Applications. <b>2017</b> , 2017, 2525967		348
260	IN VITRO TOTAL PHENOLICS, FLAVONOIDS CONTENTS, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF VARIOUS SOLVENT EXTRACTS FROM THE MEDICINAL PLANT PHYSALIS MINIMA LINN. <b>2017</b> , 9, 192		11
259	Oxidative stress and Neurodegeneration. <b>2017</b> , 8,		0
258	Secondary Metabolites of Lichens as Both Anti-aggregative and Antioxidant Agents in Tauopathies. <b>2017</b> , 08,		0
257	Ceramide-induced BOK promotes mitochondrial fission in preeclampsia. <b>2018</b> , 9, 298		42
256	In-ovo exposed carbon black nanoparticles altered mRNA gene transcripts of antioxidants, proinflammatory and apoptotic pathways in the brain of chicken embryos. <b>2018</b> , 295, 133-139		17
255	Redox metals homeostasis in multiple sclerosis and amyotrophic lateral sclerosis: a review. <b>2018</b> , 9, 348		60
254	Water Soluble Antioxidant Dextran-Quercetin Conjugate with Potential Anticancer Properties. <b>2018</b> , 18, e1700239		27
253	In vitro release of l-arginine and cysteine from MCM-48: a study on effect of size of active biomolecules on release rate. <b>2018</b> , 25, 1489-1498		2
252	As a painkiller: a review of pre- and postnatal non-steroidal anti-inflammatory drug exposure effects on the nervous systems. <b>2018</b> , 26, 15-28		6
251	Flavones from Heavenly Blue as modulators of Alzheimer's amyloid-beta peptide (A $\beta$ ) production. <b>2018</b> , 27, 768-776		6
250	The brains of bats foraging at wastewater treatment works accumulate arsenic, and have low non-enzymatic antioxidant capacities. <b>2018</b> , 69, 232-241		6
249	Thermodynamic and kinetic analysis of the reaction between biological catecholamines and chlorinated methylperoxy radicals. <b>2018</b> , 116, 1166-1178		11
248	Rapid screening of brain-penetrable antioxidants from natural products by blood-brain barrier specific permeability assay combined with DPPH recognition. <b>2018</b> , 151, 42-48		10

247	Effects of flight activity and age on oxidative damage in the honey bee. <b>2018</b> , 221,	22
246	Invited review: Whey proteins as antioxidants and promoters of cellular antioxidant pathways. <b>2018</b> , 101, 4747-4761	58
245	Exploring the potential of natural and synthetic neuroprotective steroids against neurodegenerative disorders: A literature review. <b>2018</b> , 38, 1126-1158	26
244	Curative role of pantothenic acid in brain damage of gamma irradiated rats. <b>2018</b> , 33, 314-321	7
243	Persistent attenuation of brain oxidative stress through aging in perinatal maternal separated rat pups supplemented with choline and docosahexaenoic acid or Clitoria ternatea aqueous root extract. <b>2018</b> , 56, 206-214	7
242	Mechanism involved in insulin resistance via accumulation of Amyloid and neurofibrillary tangles: link between type 2 diabetes and Alzheimer's disease. <b>2018</b> , 12, 3999-4021	50
241	The Potential Use of Plant Natural Products and Plant Extracts with Antioxidant Properties for the Prevention/Treatment of Neurodegenerative Diseases: In Vitro, In Vivo and Clinical Trials. <b>2018</b> , 23,	115
240	PHYTOCHEMICAL SCREENING AND IN VITRO ANTIOXIDANT ACTIVITY OF WHOLE PLANT EXTRACTS OF SESUVIUM PORTULACA STRUM L. <b>2018</b> , 11, 322	2
239	Amphiphilic Nanocarrier Systems for Curcumin Delivery in Neurodegenerative Disorders. <b>2018</b> , 5,	48
238	Potential therapeutic role of melatonin on STZ-induced diabetic central neuropathy: A biochemical, histopathological, immunohistochemical and ultrastructural study. <b>2018</b> , 120, 828-836	30
237	Nrf2 Signaling Elicits a Neuroprotective Role Against PFOS-mediated Oxidative Damage and Apoptosis. <b>2018</b> , 43, 2446-2459	20
236	Ferulic Acid: A Natural Antioxidant with Application Towards Neuroprotection Against Alzheimer's Disease. <b>2018</b> , 575-586	4
235	Bioactive Compounds in Kimchi Improve the Cognitive and Memory Functions Impaired by Amyloid Beta. <b>2018</b> , 10,	18
234	Real-time visualization of oxidative stress-mediated neurodegeneration of individual spinal motor neurons in vivo. <b>2018</b> , 19, 226-234	18
233	Mutant FUS causes DNA ligation defects to inhibit oxidative damage repair in Amyotrophic Lateral Sclerosis. <b>2018</b> , 9, 3683	81
232	Protective Effect of Ethanolic Extract on Hippocampal Neuron Damage in Rats Exposed to Formaldehyde. <b>2018</b> , 2018, 6414317	7
231	Lactoferrin-conjugated pH and redox-sensitive polymersomes based on PEG-S-S-PLA-PCL-OH boost delivery of bacosides to the brain. <b>2018</b> , 10, 17781-17798	18
230	Pharmacokinetics and pharmacodynamics of intranasally administered selegiline nanoparticles with improved brain delivery in Parkinson's disease. <b>2018</b> , 14, 2609-2618	41

229	Apelin, a promising target for Alzheimer disease prevention and treatment. <b>2018</b> , 70, 76-86	40
228	The Impact of Uremic Toxins on Cerebrovascular and Cognitive Disorders. <b>2018</b> , 10,	34
227	Circadian Clock Proteins and Melatonin Receptors in Neurons and Glia of the Cerebellum. <b>2018</b> , 9, 5	5
226	Natural Molecules From Chinese Herbs Protecting Against Parkinson's Disease via Anti-oxidative Stress. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 246	5-3 12
225	AMBRA1-Mediated Mitophagy Counteracts Oxidative Stress and Apoptosis Induced by Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <b>2018</b> , 12, 92	45
224	Neuroprotective Effects of Bioactive Compounds and MAPK Pathway Modulation in "Ischemia"-Stressed PC12 Pheochromocytoma Cells. <b>2018</b> , 8,	15
223	Mitochondria, Oxidative Stress and the Kynurenine System, with a Focus on Ageing and Neuroprotection. <b>2018</b> , 23,	83
222	Rationale for Dietary Antioxidant Treatment of ADHD. <b>2018</b> , 10,	21
221	Improvement in mood, oxidative stress, fatigue, and insomnia following supplementary management with Robuvit® . <b>2018</b> , 62, 423-427	13
220	Role of ROS and Nutritional Antioxidants in Human Diseases. <b>2018</b> , 9, 477	276
219	Ionic Homeostasis Maintenance in ALS: Focus on New Therapeutic Targets. <b>2018</b> , 12, 510	29
218	Long-Term l-Serine Administration Reduces Food Intake and Improves Oxidative Stress and Sirt1/NFB Signaling in the Hypothalamus of Aging Mice. <b>2018</b> , 9, 476	22
217	Melatonin induces mechanisms of brain resilience against neurodegeneration. <b>2018</b> , 65, e12515	39
216	Awareness and current knowledge of Parkinson's disease: a neurodegenerative disorder. <b>2019</b> , 129, 55-93	30
215	Effects of Exercise on Inflammatory, Oxidative, and Neurotrophic Biomarkers on Cognitively Impaired Individuals Diagnosed With Dementia or Mild Cognitive Impairment: A Systematic Review and Meta-Analysis. <b>2019</b> , 74, 616-624	22
214	Lack of preventive effect of maternal exposure to β-glycosyl isoquercitrin and βipoic acid on developmental hypothyroidism-induced aberrations of hippocampal neurogenesis in rat offspring. <b>2019</b> , 32, 165-180	1
213	Utilization of Complementary and Alternative Therapies in Youth with Developmental Disabilities. <b>2019</b> , 2019, 3630509	1
212	Neuroprotective effects of Brazilian green propolis on oxytosis/ferroptosis in mouse hippocampal HT22 cells. <b>2019</b> , 132, 110669	27

211	Fermented rice peptides attenuate scopolamine-induced memory impairment in mice by regulating neurotrophic signaling pathways in the hippocampus. <b>2019</b> , 1720, 146322	15
210	Polymeric and lipid-based drug delivery systems for treatment of glioblastoma multiforme. <b>2019</b> , 79, 261-273	23
209	A Review of Various Antioxidant Compounds and their Potential Utility as Complementary Therapy in Multiple Sclerosis. <b>2019</b> , 11,	28
208	Micro/Nanomaterials-Augmented Hydrogen Therapy. <b>2019</b> , 8, e1900463	21
207	Nanozyme antioxidants as emerging alternatives for natural antioxidants: Achievements and challenges in perspective. <b>2019</b> , 29, 100775	31
206	Three-dimensional Salphen-based Covalent-Organic Frameworks as Catalytic Antioxidants. <b>2019</b> , 141, 2920-2924	112
205	Cholinergic nervous system and glaucoma: From basic science to clinical applications. <b>2019</b> , 72, 100767	45
204	Effects of prenatal exposure to chrysotile asbestos on hippocampal neurogenesis and long-term behavioral changes in adult male rat offspring. <b>2019</b> , 371, 111962	2
203	Protective Effects of a New C-Jun N-terminal Kinase Inhibitor in the Model of Global Cerebral Ischemia in Rats. <b>2019</b> , 24,	26
202	Ameliorating effect of postweaning exposure to antioxidant on disruption of hippocampal neurogenesis induced by developmental hypothyroidism in rats. <b>2019</b> , 44, 357-372	10
201	Continuous exposure to $\beta$ -glycosyl isoquercitrin from developmental stage facilitates fear extinction learning in rats. <b>2019</b> , 55, 312-324	7
200	Molecular mechanisms underlying protective role of quercetin in attenuating Alzheimer's disease. <b>2019</b> , 224, 109-119	120
199	Synthesis and Characterization of 3-(1-((3,4-Dihydroxyphenethyl)amino)ethylidene)-chroman-2,4-dione as a Potential Antitumor Agent. <b>2019</b> , 2019, 2069250	9
198	Chitosan Nanoparticles Rescue Rotenone-Mediated Cell Death. <b>2019</b> , 12,	9
197	Lymphoproliferation Impairment and Oxidative Stress in Blood Cells from Early Parkinson's Disease Patients. <b>2019</b> , 20,	9
196	Hesperidin as a Neuroprotective Agent: A Review of Animal and Clinical Evidence. <b>2019</b> , 24,	100
195	Curcumin- and Fish Oil-Loaded Spongosome and Cubosome Nanoparticles with Neuroprotective Potential against H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress in Differentiated Human SH-SY5Y Cells. <b>2019</b> , 4, 3061-3073	59
194	A Nanoparticle-Based Label-Free Sensor for Screening the Relative Antioxidant Capacity of Hydrosoluble Plant Extracts. <b>2019</b> , 19,	7

193	Protective effects of ethyl gallate on HO-induced mitochondrial dysfunction in PC12 cells. <b>2019</b> , 34, 545-555	11
192	Adenovirus vector-mediated in vivo gene transfer of nuclear factor erythroid-2p45-related factor 2 promotes functional recovery following spinal cord contusion. <b>2019</b> , 20, 4285-4292	
191	Wi-Fi decreases melatonin protective effect and increases hippocampal neuronal damage in pentylenetetrazole induced model seizures in rats. <b>2019</b> , 26, 375-379	6
190	Anti-Inflammatory and Immunomodulatory Effects of Barberry () and Its Main Compounds. <b>2019</b> , 2019, 6183965	12
189	Astrocyte-Targeted Transporter-Utilizing Derivatives of Ferulic Acid Can Have Multifunctional Effects Ameliorating Inflammation and Oxidative Stress in the Brain. <b>2019</b> , 2019, 3528148	9
188	Low Molecular Weight Sulfated Chitosan: Neuroprotective Effect on Rotenone-Induced In Vitro Parkinson's Disease. <b>2019</b> , 35, 505-515	8
187	The neurotoxic impact of subchronic exposure of male rats to copper oxychloride. <b>2019</b> , 52, 186-191	7
186	Lipoic acid, functional fatty acid, as a novel therapeutic alternative for central nervous system diseases: A review. <b>2019</b> , 22, 306-316	30
185	Neuroprotective effects of antioxidants in the management of neurodegenerative disorders: A literature review. <b>2019</b> , 120, 2742-2748	14
184	Neuroprotective terpenoids from the leaves of. <b>2020</b> , 34, 1352-1359	7
183	The protective effect of fasudil against acrylamide-induced cytotoxicity in PC12 cells. <b>2020</b> , 43, 595-601	6
182	Vitamin K2 protects PC12 cells against A $\beta$ and HO-induced apoptosis via p38 MAP kinase pathway. <b>2020</b> , 23, 343-352	15
181	HPTLC based approach for bioassay-guided evaluation of antidiabetic and neuroprotective effects of eight essential oils of the Lamiaceae family plants. <b>2020</b> , 178, 112909	9
180	Neuroprotective effects of mitochondria-targeted curcumin against rotenone-induced oxidative damage in cerebellum of mice. <b>2020</b> , 34, e22416	11
179	Neuroprotective Effects of on Stress-Induced Hippocampal Deficits in Rats and HO-Induced Neurotoxicity in SH-SY5Y Neuroblastoma Cells. <i>Antioxidants</i> , <b>2019</b> , 9,	7.1 10
178	Mitochondria-targeted TPP-MoS with dual enzyme activity provides efficient neuroprotection through M1/M2 microglial polarization in an Alzheimer's disease model. <b>2020</b> , 232, 119752	52
177	Hunig's base catalyzed synthesis of new 1-(2,3-dihydro-1H-inden-1-yl)-3-aryl urea/thiourea derivatives as potent antioxidants and 2HCK enzyme growth inhibitors. <b>2020</b> , 95, 103558	3
176	Effect of Lonicera japonica extract on lactation performance, antioxidant status, and endocrine and immune function in heat-stressed mid-lactation dairy cows. <b>2020</b> , 103, 10074-10082	3

175	Oxidative Stress and Alterations in the Antioxidative Defense System in Neuronal Cells Derived from NPC1 Patient-Specific Induced Pluripotent Stem Cells. <b>2020</b> , 21,	5
174	Restoring pars intermedia dopamine concentrations and tyrosine hydroxylase expression levels with pergolide: evidence from horses with pituitary pars intermedia dysfunction. <b>2020</b> , 16, 356	2
173	. Root Attenuates Weight Gain and Dyslipidemia in Rats on a High-Fat and High-Cholesterol Diet. <b>2020</b> , 12,	5
172	Evaluation of the genotoxic, DNA-protective and antioxidant profile of synthetic alkyl gallates and gallotannins using in vitro assays. <b>2020</b> , 65, 104789	6
171	Recent developments of gallic acid derivatives and their hybrids in medicinal chemistry: A review. <b>2020</b> , 204, 112609	45
170	Effects of (-)-epicatechin on neuroinflammation and hyperphosphorylation of tau in the hippocampus of aged mice. <b>2020</b> , 11, 10351-10361	6
169	Comparison of Antioxidants: The Limited Correlation between Various Assays of Antioxidant Activity. <b>2020</b> , 25,	2
168	Biosensors for Antioxidants Detection: Trends and Perspectives. <b>2020</b> , 10,	9
167	Characterization of Alginate from Sargassum duplicatum and the Antioxidant Effect of AlginateOkra Fruit Extracts Combination for Wound Healing on Diabetic Mice. <b>2020</b> , 10, 6082	4
166	Neuron-specific deletion of CuZnSOD leads to an advanced sarcopenic phenotype in older mice. <b>2020</b> , 19, e13225	11
165	Oxidative pentose phosphate pathway and glucose anaplerosis support maintenance of mitochondrial NADPH pool under mitochondrial oxidative stress. <b>2020</b> , 5, e10184	13
164	Di-2-ethylhexyl phthalate (DEHP) induces apoptosis of mouse HT22 hippocampal neuronal cells via oxidative stress. <b>2020</b> , 36, 844-851	5
163	Sexually dimorphic and brain region-specific transporter adaptations in system x null mice. <b>2020</b> , 141, 104888	1
162	Health Benefits of Prunus avium Plant Parts: An Unexplored Source Rich in Phenolic Compounds. <b>2020</b> , 1-29	9
161	Derived Pectin Nanoparticles Enhance the Immunomodulation, Stress Tolerance, and Wound Healing in Zebrafish. <b>2020</b> , 18,	6
160	Pharmacological potential of tocopherol and doxycycline against traumatic brain injury-induced cognitive/motor impairment in rats. <b>2020</b> , 34, 1039-1050	5
159	Involvement of Lipids in Alzheimer's Disease Pathology and Potential Therapies. <b>2020</b> , 11, 598	65
158	Antioxidant and protective effect of Stachys pilifera Benth against nephrotoxicity induced by cisplatin in rats. <b>2020</b> , 44, e13190	20

157	Multiple molecular targets mediated antioxidant activity, molecular docking, ADMET, QSAR and bioactivity studies of halo substituted urea derivatives of $\beta$ -Methyl-L-DOPA. <b>2020</b> , 97, 103708	2
156	Neurodegeneration by oxidative stress: a review on prospective use of small molecules for neuroprotection. <b>2020</b> , 47, 3133-3140	28
155	6"-p-Coumaroylspinosin protects PC12 neuronal cells from acrylamide-induced oxidative stress and apoptosis. <b>2020</b> , 44, e13321	4
154	Natural compounds in the treatment of Parkinson's disease. <b>2020</b> , 39-50	
153	Memory-enhancing effects of <i>Ishige foliacea</i> extract: In vitro and in vivo study. <b>2020</b> , 44, e13162	5
152	Apoptotic Inducement of Neuronal Cells by Aluminium Chloride and the Neuroprotective Effect of Eugenol in Wistar Rats. <b>2020</b> , 2020, 8425643	22
151	The Effects and Mechanism of Quercetin Dietary Supplementation in Streptozotocin-Induced Hyperglycemic Arbor Acre Broilers. <b>2020</b> , 2020, 9585047	8
150	Interplay Between Mitochondrial Oxidative Disorders and Proteostasis in Alzheimer's Disease. <b>2019</b> , 13, 1444	28
149	Synergistic Neuroprotective Effect of Endogenously-Produced Hydroxytyrosol and Synaptic Vesicle Proteins on Pheochromocytoma Cell Line Against Salsolinol. <b>2020</b> , 25,	5
148	Saffron as a Neuroprotective Agent. <b>2020</b> , 93-102	3
147	Dietary Restriction and Oxidative Stress: Friends or Enemies?. <b>2021</b> , 34, 421-438	6
146	The role of Nrf2 in neural stem/progenitors cells: From maintaining stemness and self-renewal to promoting differentiation capability and facilitating therapeutic application in neurodegenerative disease. <i>Ageing Research Reviews</i> , <b>2021</b> , 65, 101211	12 26
145	Dietary alpha-lipoic acid supplementation improves spermatogenesis and semen quality via antioxidant and anti-apoptotic effects in aged breeder roosters. <b>2021</b> , 159, 20-27	5
144	Intracellular Sources of ROS/HO in Health and Neurodegeneration: Spotlight on Endoplasmic Reticulum. <b>2021</b> , 10,	9
143	The cytoprotective role of omentin against oxidative stress-induced PC12 apoptosis. <b>2021</b> , 49, 483-492	1
142	Crosstalk between anticancer drugs and mitochondrial functions.. <b>2021</b> , 2, 100047	7
141	Nanodelivery of traditional Chinese Gingko Biloba extract EGb-761 and bilobalide BN-52021 induces superior neuroprotective effects on pathophysiology of heat stroke. <b>2021</b> , 265, 249-315	
140	The Beneficial Roles of Herbal Medicine and Natural Product in CNS Disorders and Neurodegeneration. <b>2021</b> , 27, 331	

139	Oxidative Stress Boosts the Uptake of Cerium Oxide Nanoparticles by Changing Brain Endothelium Microvilli Pattern. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
138	Effects of Age on The Concentrations of Plasma Cytokines and Lipidperoxidation in Sheep.		
137	Phytosterols: Targeting Neuroinflammation in Neurodegeneration. <b>2021</b> , 27, 383-401		15
136	Impact of Supplementation and Nutritional Interventions on Pathogenic Processes of Mood Disorders: A Review of the Evidence. <b>2021</b> , 13,		8
135	Membrane Filtration-Assisted Enzymatic Hydrolysis Affects the Biological Activity of Potato Juice. <b>2021</b> , 26,		5
134	Tucumli (Astrocaryum aculeatum) prevents memory loss and oxidative imbalance in the brain of rats with hyperlipidemia. <b>2021</b> , 45, e13636		2
133	Rational Design and Biological Application of Antioxidant Nanozymes. <b>2020</b> , 8, 831		9
132	Potential Therapeutic Effects of New Ruthenium (III) Complex with Quercetin: Characterization, Structure, Gene Regulation, and Antitumor and Anti-Inflammatory Studies (RuIII/Q Novel Complex Is a Potent Immunoprotective Agent). <b>2021</b> , 11, 367		8
131	Quercetin-biapigenin nanoparticles are effective to penetrate the blood-brain barrier. <b>2021</b> , 1		3
130	TP53-induced glycolysis and apoptosis regulator (TIGAR) ameliorates lysosomal damage in the 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine-mediated mouse model of Parkinson's disease. <b>2021</b> , 339, 60-69		3
129	Role of mitophagy in mitochondrial quality control: Mechanisms and potential implications for neurodegenerative diseases. <b>2021</b> , 165, 105433		6
128	Improving Age-Related Cognitive Decline through Dietary Interventions Targeting Mitochondrial Dysfunction. <b>2021</b> , 22,		6
127	Blood-brain barrier disruption in atrial fibrillation: a potential contributor to the increased risk of dementia and worsening of stroke outcomes?. <b>2021</b> , 11, 200396		2
126	Pathophysiological In Vitro Profile of Neuronal Differentiated Cells Derived from Niemann-Pick Disease Type C2 Patient-Specific iPSCs Carrying the Mutations c.58G>T/c.140G>T. <b>2021</b> , 22,		1
125	Apelin-13 protects human neuroblastoma SH-SY5Y cells against amyloid-beta induced neurotoxicity: Involvement of anti oxidant and anti apoptotic properties. <b>2021</b> ,		5
124	Preclinical studies conducted on nanozyme antioxidants: shortcomings and challenges based on USFDA regulations. <b>2021</b> , 16, 1133-1151		3
123	The Potential Role of Inflammation in Modulating Endogenous Hippocampal Neurogenesis After Spinal Cord Injury. <b>2021</b> , 15, 682259		2
122	Neuropharmacological Effects of Quercetin: A Literature-Based Review. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 665031	5.6	26

121	17- $\beta$ -Estradiol Rescued Immature Rat Brain against Glutamate-Induced Oxidative Stress and Neurodegeneration via Regulating Nrf2/HO-1 and MAP-Kinase Signaling Pathway. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
120	HIF-1 $\beta$ in the Crosstalk Between Reactive Oxygen Species and Autophagy Process: A Review in Multiple Sclerosis. <b>2021</b> , 1		3
119	Synthesis, antioxidant activity and bioinformatics studies of L-3-hydroxytyrosine templated N-alkyl/aryl substituted urea/thioureas. <b>2021</b> , 111, 104837		2
118	Development of grape polyphenols as multi-targeting strategies for Alzheimer's disease. <b>2021</b> , 147, 105046		5
117	Vitamin E: A Review of Its Application and Methods of Detection When Combined with Implant Biomaterials. <b>2021</b> , 14,		4
116	Neuroprotective effect of $\beta$ -pinene self-emulsifying nanoformulation against 6-OHDA induced neurotoxicity on human SH-SY5Y cells and its in vivo validation for anti-Parkinson's effect. <b>2021</b> , 35, e22902		
115	Neurotoxic Effects of Neonicotinoids on Mammals: What Is There beyond the Activation of Nicotinic Acetylcholine Receptors?-A Systematic Review. <b>2021</b> , 22,		10
114	Equine pituitary pars intermedia dysfunction: a spontaneous model of synucleinopathy. <b>2021</b> , 11, 16036		2
113	Antioxidative and anti-inflammatory activity of psiguadial B and its halogenated analogues as potential neuroprotective agents. <b>2021</b> , 113, 105027		0
112	Lead (Pb) induced Oxidative Stress as a Mechanism to Cause Neurotoxicity in <i>Drosophila melanogaster</i> . <b>2021</b> , 462, 152959		6
111	Neuroprotective effects of Tiaogeng decoction against HO-induced oxidative injury and apoptosis in PC12 cells via Nrf2 and JNK signaling pathways. <b>2021</b> , 279, 114379		2
110	Natural Alkaloids and Diabetes Mellitus: A Review. <b>2021</b> , 21, 111-130		6
109	Remodeling of arachidonate and other polyunsaturated fatty acids in Alzheimer's disease. <b>2004</b> , 145-167		1
108	Oxidative Stress and Alzheimer's Disease. <b>2016</b> , 189-198		6
107	Differential effects of alprazolam against methylphenidate-induced neurobehavioral alterations. <b>2020</b> , 222, 112935		3
106	NRF2 promotes neuronal survival in neurodegeneration and acute nerve damage. <b>2015</b> , 125, 1433-45		164
105	Ecstasy/MDMA and cannabis: the complexities of their interactive neuropsychobiological effects. <b>2004</b> , 18, 572-5		16
104	Oxidative damage and cytogenetic analysis in leukocytes of Parkinson's disease patients. <b>2003</b> , 60, 729; author reply 729		3

103	Oxidative stress and proinflammatory cytokines contribute to demyelination and axonal damage in a cerebellar culture model of neuroinflammation. <b>2013</b> , 8, e54722	150
102	Reactive oxygen species-activated nanoprodrug of Ibuprofen for targeting traumatic brain injury in mice. <b>2013</b> , 8, e61819	24
101	A study on the modulation of alpha-synuclein fibrillation by <i>Scutellaria pinnatifida</i> extracts and its neuroprotective properties. <b>2017</b> , 12, e0184483	14
100	Role of free radicals and certain antioxidants in the management of huntington's disease: a review. <b>2018</b> , 7,	13
99	Protective Effects of Vitamin E Consumption against 3MT Electromagnetic Field Effects on Oxidative Parameters in Substantia Nigra in Rats. <b>2016</b> , 7, 315-322	12
98	Oxidative Status in Multiple Sclerosis and Off-Targets of Antioxidants: The Case of Edaravone. <b>2020</b> , 27, 2095-2105	1
97	The Main Targets Involved in Neuroprotection for the Treatment of Alzheimer's Disease and Parkinson Disease. <b>2020</b> , 26, 509-516	4
96	Nutraceuticals against Neurodegeneration: A Mechanistic Insight. <b>2016</b> , 14, 627-40	42
95	Insights Into the Molecular Aspects of Neuroprotective Bacoside A and Bacopaside I. <b>2019</b> , 17, 438-446	22
94	Relation of plasma selenium and lipid peroxidation end products in patients with Alzheimer's disease. <b>2017</b> , 66, 1049-1056	18
93	Potential Therapeutic Role of Phytochemicals to Mitigate Mitochondrial Dysfunctions in Alzheimer's Disease. <i>Antioxidants</i> , <b>2020</b> , 10,	7.1 5
92	Nose-to-Brain Delivery of Antioxidants as a Potential Tool for the Therapy of Neurological Diseases. <b>2020</b> , 12,	3
91	Resveratrol improves cognition and decreases amyloid plaque formation in Tg6799 mice. <b>2019</b> , 19, 3783-3790	14
90	Reactive oxygen species, health and longevity. <b>2016</b> , 3, 479-504	2
89	Protective Effect of Standardized Extract of Flower in Parkinson's and Alzheimer's Disease. <b>2017</b> , 36, 200-206	9
88	Neuroprotective Effect of <i>Phyllanthus acidus</i> L. on Learning and Memory Impairment in Scopolamine-Induced Animal Model of Dementia and Oxidative Stress: Natural Wonder for Regulating the Development and Progression of Alzheimer's Disease. <b>2016</b> , 05, 53-72	27
87	Influence of Therapy on Some Important Final Products of Oxidation of Lipids, Proteins and Nucleic Acids in Patients with Parkinson's Diseases. <b>2014</b> , 04, 253-260	1
86	Antioxidant Properties of Rosemary and Its Potential Uses as Natural Antioxidant in Dairy Products: A Review. <b>2015</b> , 06, 179-193	14

- 85 Green Tea Consumption Reduces Oxidative Stress in Parkinson's Disease Patients. **2015**, 05, 194-202 9
- 84 Geraniol attenuates hydrogen peroxide-induced liver fatty acid alterations in male rats. **2017**, 6, 29-35 9
- 83 Effects of coenzyme Q10 on the ratio of TH1/TH2 in experimental autoimmune encephalomyelitis model of multiple sclerosis in C57BL/6. **2014**, 18, 203-11 13
- 82 extracts inhibit aggregation and toxicity of amyloid- in used as a model for Alzheimer's disease. **2018**, 6, e4683 20
- 81 Neuroinflammatory Triangle Presenting Novel Pharmacological Targets for Ischemic Brain Injury. **2021**, 12, 748663 2
- 80 Free radical biology in neurological manifestations: mechanisms to therapeutics interventions. **2021**, 1 2
- 79 Seasonal Nutritional Profile of (Rhodophyta, Gelidiaceae) from the Center of Portugal. **2021**, 10, 3
- 78 Anti-Excitotoxic Therapies in Neurologic Diseases: Current Evidences and New Perspectives. **2004**, 339-354
- 77 Interaction between Dietary and Genetic Deficiencies in the Modulation of Homocysteine Elimination. **2005**, 443-456
- 76 Apoptosis and Necrosis in Brain: Contribution of Glycerophospholipid, Sphingolipid, and Cholesterol-Derived Lipid Mediators. **2009**, 319-364
- 75 Protein Misfolding, Mitochondrial Disturbances, And Kynurenines In The Pathogenesis Of Neurodegenerative Disorders. **2009**, 452-472
- 74 Peroxisome Proliferator-Activated Nuclear Receptors and Drug Addiction. **2013**, 235-260 1
- 73 Antioxidant and detoxycative mechanisms in central nervous system. **2020**, 74, 1-11
- 72 Potential of Ramalin and Its Derivatives for the Treatment of Alzheimer's Disease. **2021**, 26, 0
- 71 Protective role of *Populus tomentiglandulosa* against hydrogen peroxide-induced oxidative stress in SH-SY5Y neuronal cells. **2020**, 63, 357-363
- 70 Impact of rapeseed pomace extract on markers of oxidative stress and DNA damage in human SH-SY5Y cells. **2021**, 45, e13592 0
- 69 Phytochemical screening and antioxidant, analgesic, and anthelmintic effect of ethanolic extract of *Merremia umbellata* stems. **2020**, 6, 1
- 68 Effects of Early Life Adverse Experience on Contents of Essential Trace Elements Related to the Antioxidative System in the Adult Mouse Hippocampus. **2020**, 11, 314-325

67	Neuroprotective and antioxidant activities of fraction isolated from methanolic extract of <i>Sapindus laurifolia</i> on scopolamine induced dementia. <b>2020</b> , 12, 119		1
66	Future Perspectives: New Strategies for Antagonism of Excitotoxicity, Oxidative Stress and Neuroinflammation in Neurodegenerative Diseases. <b>2008</b> , 261-279		
65	Tetrahydrocannabinol-Rich Extracts From <i>L. Improve</i> Glucose Consumption and Modulate Metabolic Complications Linked to Neurodegenerative Diseases in Isolated Rat Brains. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 592981	5.6	1
64	Permethrin exposure affects neurobehavior and cellular characterization in rats' brain. <b>2020</b> , 35, e2020022-0		3
63	Studies on free radicals, antioxidants, and co-factors. <b>2007</b> , 2, 219-36		564
62	Protective Effect of Safranal, a Constituent of <i>Crocus sativus</i> , on Quinolinic Acid-induced Oxidative Damage in Rat Hippocampus. <b>2013</b> , 16, 73-82		64
61	Aqueous extract of <i>Berberis integerrima</i> root improves renal dysfunction in streptozotocin induced diabetic rats. <b>2013</b> , 3, 82-90		10
60	Preventive Effects of Aqueous Extract of <i>Berberis integerrima</i> Bge. Root on Liver Injury Induced by Diabetes Mellitus (Type 1) in Rats. <b>2015</b> , 14, 335-43		8
59	Effect of WR-1065 on 6-hydroxydopamine-induced catalepsy and IL-6 level in rats. <b>2016</b> , 19, 490-6		12
58	Melatonin protects against alterations in hippocampal cholinergic system, trace metals and oxidative stress induced by gestational and lactational exposure to cadmium. <b>2010</b> , 9, 119-132		9
57	Protective Effect of Cinnamaldehyde on METH-induced Neurotoxicity in PC12 Cells via Inhibition of Apoptotic Response and Oxidative Stress. <b>2021</b> , 20, 135-143		1
56	Pharmacological Modulation of Nrf2/HO-1 Signaling Pathway as a Therapeutic Target of Parkinson's Disease. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 757161	5.6	8
55	Melatonin Ameliorates Valproic Acid-Induced Neurogenesis Impairment: The Role of Oxidative Stress in Adult Rats. <b>2021</b> , 2021, 9997582		3
54	Investigation of the Feasibility of Ventricular Delivery of Resveratrol to the Microelectrode Tissue Interface.. <b>2021</b> , 12,		
53	Neuronal accumulation of peroxidated lipids promotes demyelination and neurodegeneration through the activation of the microglial NLRP3 inflammasome. <b>2021</b> , 1, 1024-1037		0
52	Neuroprotection and Neurorestoration of Nigra Striatal Dopamine Neurons by Novel Multitarget Drugs, M30. <b>2021</b> , 1-52		
51	Phenolic composition, antioxidant and enzyme inhibitory activities of <i>Parkia biglobosa</i> (Jacq.) Benth., <i>Tithonia diversifolia</i> (Hemsl.) A. Gray, and <i>Crossopteryx febrifuga</i> (Afzel.) Benth. <b>2022</b> , 15, 103675		2
50	The function of ubiquitin-specific protease 31 in intracerebral hemorrhage. <b>2022</b> , 46, 1545-1555		

49	Boiling Technique-Based Food Processing Effects on the Bioactive and Antimicrobial Properties of Basil and Rosemary. <b>2021</b> , 26,		0
48	Advancements in novel drug delivery systems: Providing a challenge and threat to oxidative stress in various diseases. <b>2022</b> , 251-266		
47	seeds extract alleviate encephalopathy in streptozotocin-induced diabetes in rats: Role of oxidative stress, neurotransmitters, DNA and histological indices.. <b>2022</b> , 1-51		0
46	Antiradical Activity of Dopamine, L-DOPA, Adrenaline, and Noradrenaline in Water/Methanol and in Liposomal Systems. <b>2021</b> ,		3
45	A critical review on recent trends on pharmacological applications of pyrazolone endowed derivatives. <b>2022</b> , 1262, 133044		1
44	Table_1.DOCX. <b>2018</b> ,		
43	Image_1.tif. <b>2018</b> ,		
42	Image_2.tif. <b>2018</b> ,		
41	datasheet1.pdf. <b>2020</b> ,		
40	Antioxidant Activity and Carotenoid Content Responses of Three Haematococcus sp. (Chlorophyta) Strains Exposed to Multiple Stressors.. <i>Applied Biochemistry and Biotechnology</i> , <b>2022</b> , 1	3.2	0
39	Effects of Sport Stacking on Neuropsychological, Neurobiological, and Brain Function Performances in Patients With Mild Alzheimer's Disease and Mild Cognitive Impairment: A Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14,	5.3	0
38	Edible Bird's Nest as a Potential Cognitive Enhancer. <i>Frontiers in Neurology</i> , <b>2022</b> , 13,	4.1	2
37	Central Nervous System Injury Meets Nanoceria: Opportunities and Challenges. <i>International Journal of Energy Production and Management</i> ,	5.3	1
36	Brain Drug Delivery and Neurodegenerative Diseases: Polymeric PLGA-Based Nanoparticles as a Forefront Platform. <i>Ageing Research Reviews</i> , <b>2022</b> , 101658	12	1
35	Antioxidants effects in health: The bright and the dark sides. <b>2022</b> , 819-836		
34	Erythrocytes model for oxidative stress analysis. <b>2022</b> , 363-390		
33	Antioxidants and cognitive decline in elderly. <b>2022</b> , 651-668		
32	Discovery of Therapeutics Targeting Oxidative Stress in Autosomal Recessive Cerebellar Ataxia: A Systematic Review. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 764	5.2	3

31	Fermented <i>Mentha arvensis</i> administration provides neuroprotection against transient global cerebral ischemia in gerbils and SH-SY5Y cells via downregulation of the MAPK signaling pathway. <i>BMC Complementary Medicine and Therapies</i> , <b>2022</b> , 22,	2.9	0
30	The Putative Role of Astaxanthin in Neuroinflammation Modulation: Mechanisms and Therapeutic Potential. <i>Frontiers in Pharmacology</i> , 13,	5.6	1
29	Oxidative Stress in Tauopathies: From Cause to Therapy. <i>Antioxidants</i> , <b>2022</b> , 11, 1421	7.1	2
28	Redox Active Lipoic Acid Differentially Improves Mitochondrial Dysfunction in a Cellular Model of Alzheimer and Its Control Cells. <b>2022</b> , 23, 9186		0
27	HIV-1 gp120 and tobacco smoke synergistically disrupt the integrity of the blood-brain barrier. <b>2022</b> , 101, 151271		0
26	Advancements in redox-sensitive micelles as nanotheranostics: A new horizon in cancer management. <b>2022</b> , 349, 1009-1030		2
25	Inflammation: A Target for Treatment in Spinal Cord Injury. <b>2022</b> , 11, 2692		2
24	Olanzapine Ameliorates Ischemic Stroke-like Pathology in Gerbils and H <sub>2</sub> O <sub>2</sub> -Induced Neurotoxicity in SH-SY5Y Cells via Inhibiting the MAPK Signaling Pathway. <b>2022</b> , 11, 1697		0
23	The Use of Antioxidants in the Prevention and Treatment of Noise-Induced Hearing Loss. <b>2022</b> ,		0
22	Effect and Mechanism of Exogenous Melatonin on Cognitive Deficits in Animal Models of Alzheimer's Disease: A Systematic review and Meta-analysis. <b>2022</b> ,		0
21	Oxidative stress and cognition in ecology.		0
20	The neuroprotective effects of fisetin, a natural flavonoid in neurodegenerative diseases: Focus on the role of oxidative stress. 13,		4
19	Lichen Extracts from Cetrarioid Clade Provide Neuroprotection against Hydrogen Peroxide-Induced Oxidative Stress. <b>2022</b> , 27, 6520		0
18	Pituitary Pars Intermedia Dysfunction (PPID) in Horses. <b>2022</b> , 9, 556		1
17	Spectrophotometric Methods for Measurement of Antioxidant Activity in Food and Pharmaceuticals. <b>2022</b> , 11, 2213		3
16	Resolving Geroplasticity to the Balance of Rejuvenins and Geriatrins. <b>2022</b> , 13, 1664		0
15	Specific Nutritional Therapeutic Approaches Targeting Iron Overload and Other Hallmarks of Brain Degenerative Diseases. <b>2023</b> , 45-68		0
14	Nanozymes for Neurodegenerative Diseases. <b>2023</b> , 77-95		0

- 13 Neuroprotection and Neurorestoration of Nigra Striatum Dopamine Neurons by Novel Multitarget Drugs, *M30*. **2022**, 313-364 ○
- 12 Unscrambling the Role of Redox-Active Biometals in Dopaminergic Neuronal Death and Promising Metal Chelation-Based Therapy for Parkinson's Disease. **2023**, 24, 1256 1
- 11 ARMS-NF- $\kappa$ B signaling regulates intracellular ROS to induce autophagy-associated cell death upon oxidative stress. **2023**, 106005 ○
- 10 In vitro evaluation of the protective effects of Curcumin and Resveratrol against U87 Cells Induced by Beta-Amyloid. **2022**, 11, 304-311 ○
- 9 Plant-Derived Metal Nanoparticles (PDMNPs): Synthesis, Characterization, and Oxidative Stress-Mediated Therapeutic Actions. **2023**, 3, 252-295 ○
- 8 The Yin and Yang Effect of the Apelinergic System in Oxidative Stress. **2023**, 24, 4745 ○
- 7 Alleviating the unwanted effects of oxidative stress on A $\beta$  clearance: a review of related concepts and strategies for the development of computational modelling. **2023**, 12, ○
- 6 Intracerebral hirudin injection alleviates cognitive impairment and oxidative stress and promotes hippocampal neurogenesis in rats subjected to cerebral ischemia. ○
- 5 Antimicrobial and Antioxidant Properties of Chemically Analyzed Essential Oil of *Artemisia annua* L. (Asteraceae) Native to Mediterranean Area. **2023**, 13, 807 ○
- 4 The Research Landscape of immunology research in spinal cord injury from 2012 to 2022. ○
- 3 Plant-Based Antioxidants for Prevention and Treatment of Neurodegenerative Diseases: Phytotherapeutic Potential of *Laurus nobilis*, *Aronia melanocarpa*, and *Celastrus*. **2023**, 12, 746 ○
- 2 Neuroprotective potential of biochanin-A and review of the molecular mechanisms involved. ○
- 1 Gene-agnostic approaches to treating inherited retinal degenerations. 11, ○