Thamilarasan Manivasagam

List of Publications by Year
in descending order

78	3,463	87723 38	149479 56
papers	citations	h-index	g-index

83	83	83	4509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuroprotective Effect of Epalrestat on Hydrogen Peroxide-Induced Neurodegeneration in SH-SY5Y Cellular Model. Journal of Microbiology and Biotechnology, 2021, 31, 867-874.	0.9	11
2	Cocoa beans improve mitochondrial biogenesis via PPARÎ³/PGC1Î± dependent signalling pathway in MPP⁺intoxicated human neuroblastoma cells (SH-SY5Y). Nutritional Neuroscience, 2020, 23, 471-480.	1.5	20
3	Natural Products and Their Therapeutic Effect on Autism Spectrum Disorder. Advances in Neurobiology, 2020, 24, 601-614.	1.3	6
4	Bioactive Metabolites from Marine Ascidians: Future Treatment for Autism Spectrum Disorder. Advances in Neurobiology, 2020, 24, 661-678.	1.3	1
5	Role of Oxidative Stress and Antioxidants in Autism. Advances in Neurobiology, 2020, 24, 193-206.	1.3	67
6	Neuroprotective attributes of L-theanine, a bioactive amino acid of tea, and its potential role in Parkinson's disease therapeutics. Neurochemistry International, 2019, 129, 104478.	1.9	47
7	Asiatic Acid Attenuated Aluminum Chloride-Induced Tau Pathology, Oxidative Stress and Apoptosis Via AKT/GSK-3Î² Signaling Pathway in Wistar Rats. Neurotoxicity Research, 2019, 35, 955-968.	1.3	57
8	Low Molecular Weight Sulfated Chitosan: Neuroprotective Effect on Rotenone-Induced In Vitro Parkinsonâ€™s Disease. Neurotoxicity Research, 2019, 35, 505-515.	1.3	19
9	Protective Effects of Antioxidants in Huntingtonâ€™s Disease: an Extensive Review. Neurotoxicity Research, 2019, 35, 739-774.	1.3	50
10	Dendritic spines: Revisiting the physiological role. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 161-193.	2.5	165
11	Amelioration of Aluminum Maltolate-Induced Inflammation and Endoplasmic Reticulum Stress-Mediated Apoptosis by Tannoid Principles of Emblica officinalis in Neuronal Cellular Model. Neurotoxicity Research, 2019, 35, 318-330.	1.3	26
12	Antioxidant therapies in attention deficit hyperactivity disorder. Frontiers in Bioscience - Landmark, 2019, 24, 313-333.	3.0	9
13	Effect of figs fruits extracts on rotenoneâ€induced Parkinson's diseaseâ€like cytotoxicity in SHâ€SY5Y cells. FASEB Journal, 2019, 33, 501.9.	0.2	0
14	Attenuation of Aluminum Chloride-Induced Neuroinflammation and Caspase Activation Through the AKT/GSK-3Î² Pathway by Hesperidin in Wistar Rats. Neurotoxicity Research, 2018, 34, 463-476.	1.3	76
15	Naringenin Decreases Î±-Synuclein Expression and Neuroinflammation in MPTP-Induced Parkinsonâ€™s Disease Model in Mice. Neurotoxicity Research, 2018, 33, 656-670.	1.3	52
16	Agaricus blazeiextract attenuates rotenone-induced apoptosis through its mitochondrial protective and antioxidant properties in SH-SY5Y neuroblastoma cells. Nutritional Neuroscience, 2018, 21, 97-107.	1.5	14
17	Agaricus blazeiextract abrogates rotenone-induced dopamine depletion and motor deficits by its anti-oxidative and anti-inflammatory properties in Parkinsonic mice. Nutritional Neuroscience, 2018, 21, 657-666.	1.5	10
18	Melatonin protects against behavioral deficits, dopamine loss and oxidative stress in homocysteine model of Parkinson's disease. Life Sciences, 2018, 192, 238-245.	2.0	51

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19	Neuroprotective role of Asiatic acid in aluminium chloride induced rat model of Alzheimer rsquo s disease. Frontiers in Bioscience - Scholar, 2018, 10, 262-275.	0.8	52
20	Asiatic acid nullified aluminium toxicity in in vitro model of Alzheimer rsquo s disease. Frontiers in Bioscience - Elite, 2018, 10, 287-299.	0.9	24
21	Accumulation of Cholesterol and Homocysteine in the Nigrostriatal Pathway of Brain Contributes to the Dopaminergic Neurodegeneration in Mice. Neuroscience, 2018, 388, 347-356.	1.1	16
22	Telmisartan Ameliorates Astroglial and Dopaminergic Functions in a Mouse Model of Chronic Parkinsonism. Neurotoxicity Research, 2018, 34, 597-612.	1.3	15
23	Protective effect of i Zizyphus spinachristi i on MPP -induced oxidative stress. Frontiers in Bioscience - Scholar, 2018, 10, 285-299.	0.8	9
24	Isolongifolene attenuates rotenone-induced mitochondrial dysfunction oxidative stress and apoptosis. Frontiers in Bioscience - Scholar, 2018, 10, 248-261.	0.8	24
25	Demethoxycurcumin, a natural derivative of curcumin abrogates rotenone-induced dopamine depletion and motor deficits by its antioxidative and anti-inflammatory properties in Parkinsonian rats. Pharmacognosy Magazine, 2018, 14, 9.	0.3	30
26	Pomegranate seed oil: Effect on 3-nitropropionic acid-induced neurotoxicity in PC12 cells and elucidation of unsaturated fatty acids composition. Nutritional Neuroscience, 2017, 20, 40-48.	1.5	26
27	Hesperidin ameliorates cognitive dysfunction, oxidative stress and apoptosis against aluminium chloride induced rat model of Alzheimer's disease. Nutritional Neuroscience, 2017, 20, 360-368.	1.5	104
28	Neuroprotective effect of asiatic acid on rotenone-induced mitochondrial dysfunction and oxidative stress-mediated apoptosis in differentiated SH-SYS5Y cells. Nutritional Neuroscience, 2017, 20, 351-359.	1.5	52
29	Fenugreek Seed Powder Attenuated Aluminum Chloride-Induced Tau Pathology, Oxidative Stress, and Inflammation in a Rat Model of Alzheimerâ€™s Disease1. Journal of Alzheimer's Disease, 2017, 60, S209-S220.	1.2	61
30	Chronic mild stress augments MPTP induced neurotoxicity in a murine model of Parkinson's disease. Physiology and Behavior, 2017, 173, 132-143.	1.0	28
31	Neurotrophic Effect of Asiatic acid, a Triterpene of Centella asiatica Against Chronic 1-Methyl 4-Phenyl 1, 2, 3, 6-Tetrahydropyridine Hydrochloride/Probenecid Mouse Model of Parkinsonâ€™s disease: The Role of MAPK, PI3K-Akt-GSK3Î² and mTOR Signalling Pathways. Neurochemical Research, 2017, 42, 1354-1365.	1.6	44
32	Neuroprotective effect of Demethoxycurcumin, a natural derivative of Curcumin on rotenone induced neurotoxicity in SH-SY 5Y Neuroblastoma cells. BMC Complementary and Alternative Medicine, 2017, 17, 217.	3.7	53
33	Dietary Supplements/Antioxidants: Impact on Redox Status in Brain Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	1.9	9
34	Epigallocatechin Gallate Attenuates Behavioral Defects in Sodium Valproate Induced Autism Rat Model. Research Journal of Pharmacy and Technology, 2017, 10, 1477.	0.2	8
35	A Comprehensive In Silico Analysis on the Structural and Functional Impact of SNPs in the Congenital Heart Defects Associated with NKX2-5 Geneâ€"A Molecular Dynamic Simulation Approach. PLoS ONE, 2016, 11, e0153999.	1.1	49
36	Fenugreek Seed Powder Nullified Aluminium Chloride Induced Memory Loss, Biochemical Changes, AÎ² Burden and Apoptosis via Regulating Akt/GSK3Î² Signaling Pathway. PLoS ONE, 2016, 11, e0165955.	1.1	45

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37	Influences of Chronic Mild Stress Exposure on Motor, Non-Motor Impairments and Neurochemical Variables in Specific Brain Areas of MPTP/Probenecid Induced Neurotoxicity in Mice. PLoS ONE, 2016, 11, e0146671.	1.1	30
38	Vanillin Attenuated Behavioural Impairments, Neurochemical Deficts, Oxidative Stress and Apoptosis Against Rotenone Induced Rat Model of Parkinsonâ€™s Disease. Neurochemical Research, 2016, 41, 1899-1910.	1.6	70
39	Tannoid principles of Emblica officinalis attenuated aluminum chloride induced apoptosis by suppressing oxidative stress and tau pathology via Akt/GSK-3Î²signaling pathway. Journal of Ethnopharmacology, 2016, 194, 20-29.	2.0	35
40	Role of Plant Polyphenols in Alzheimerâ€™s Disease. Advances in Neurobiology, 2016, 12, 153-171.	1.3	6
41	Lutein protects dopaminergic neurons against MPTP-induced apoptotic death and motor dysfunction by ameliorating mitochondrial disruption and oxidative stress. Nutritional Neuroscience, 2016, 19, 237-246.	1.5	77
42	Tannoid principles ofEmblica officinalisrenovate cognitive deficits and attenuate amyloid pathologies against aluminum chloride induced rat model of Alzheimer's disease. Nutritional Neuroscience, 2016, 19, 269-278.	1.5	66
43	Neuroprotective effect of fucoidan from Turbinaria decurrens in MPTP intoxicated Parkinsonic mice. International Journal of Biological Macromolecules, 2016, 86, 425-433.	3.6	47
44	Neurosupportive Role of Vanillin, a Natural Phenolic Compound, on Rotenone Induced Neurotoxicity in SH-SY5Y Neuroblastoma Cells. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-11.	0.5	56
45	Neuroprotective effect of lycopene against MPTP induced experimental Parkinsonâ€™s disease in mice. Neuroscience Letters, 2015, 599, 12-19.	1.0	96
46	Neuroprotective Effect of Hesperidin on Aluminium Chloride Induced Alzheimerâ€™s Disease in Wistar Rats. Neurochemical Research, 2015, 40, 767-776.	1.6	134
47	Protective effect of black tea extract against aluminium chloride-induced Alzheimer's disease in rats: A behavioural, biochemical and molecular approach. Journal of Functional Foods, 2015, 16, 423-435.	1.6	69
48	Dietary Supplementation of Walnut Partially Reverses 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine Induced Neurodegeneration in a Mouse Model of Parkinsonâ€™s Disease. Neurochemical Research, 2015, 40, 1283-1293.	1.6	23
49	Escin, a Novel Triterpene, Mitigates Chronic MPTP/p-Induced Dopaminergic Toxicity by Attenuating Mitochondrial Dysfunction, Oxidative Stress, and Apoptosis. Journal of Molecular Neuroscience, 2015, 55, 184-197.	1.1	34
50	Mangiferin Antagonizes Rotenone: Induced Apoptosis Through Attenuating Mitochondrial Dysfunction and Oxidative Stress in SK-N-SH Neuroblastoma Cells. Neurochemical Research, 2014, 39, 668-676.	1.6	35
51	Hepatoprotective effect of fucoidan isolated from the seaweed Turbinaria decurrens in ethanol intoxicated rats. International Journal of Biological Macromolecules, 2014, 67, 367-372.	3.6	46
52	Escin attenuates behavioral impairments, oxidative stress and inflammation in a chronic MPTP/probenecid mouse model of Parkinson×³s disease. Brain Research, 2014, 1585, 23-36.	1.1	40
53	CNB-001, a novel pyrazole derivative mitigates motor impairments associated with neurodegeneration via suppression of neuroinflammatory and apoptotic response in experimental Parkinsonâ€™s disease mice. Chemico-Biological Interactions, 2014, 220, 149-157.	1.7	19
54	Pomegranate from Oman Alleviates the Brain Oxidative Damage in Transgenic Mouse Model of Alzheimerâ€™s Disease. Journal of Traditional and Complementary Medicine, 2014, 4, 232-238.	1.5	68

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55	Omega-3 Fatty Acids Could Alleviate the Risks of Traumatic Brain Injury â€“ A Mini Review. Journal of Traditional and Complementary Medicine, 2014, 4, 89-92.	1.5	23
56	Neuroprotective effects of berry fruits on neurodegenerative diseases. Neural Regeneration Research, 2014, 9, 1557.	1.6	117
57	Therapeutic Attenuation of Neuroinflammation and Apoptosis by Black Tea Theaflavin in Chronic MPTP/Probenecid Model of Parkinsonâ€™s Disease. Neurotoxicity Research, 2013, 23, 166-173.	1.3	58
58	Neuroprotective Effect of CNB-001, a Novel Pyrazole Derivative of Curcumin on Biochemical and Apoptotic Markers Against Rotenone-Induced SK-N-SH Cellular Model of Parkinsonâ€™s Disease. Journal of Molecular Neuroscience, 2013, 51, 863-870.	1.1	68
59	Melatonin synergizes with low doses of Lâ€<scp>DOPA</scp> to improve dendritic spine density in the mouse striatum in experimental Parkinsonism. Journal of Pineal Research, 2013, 55, 304-312.	3.4	42
60	Mangiferin attenuates MPTP induced dopaminergic neurodegeneration and improves motor impairment, redox balance and Bcl-2/Bax expression in experimental Parkinsonâ€™s disease mice. Chemico-Biological Interactions, 2013, 206, 239-247.	1.7	83
61	Antioxidant and anti-inflammatory potential of hesperidin against 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine-induced experimental Parkinsonâ€²s disease in mice. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2013, 3, 294.	0.6	28
62	Neuroprotective Effects of Hesperidin, a Plant Flavanone, on Rotenone-Induced Oxidative Stress and Apoptosis in a Cellular Model for Parkinsonâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	125
63	Theaflavin ameliorates behavioral deficits, biochemical indices and monoamine transporters expression against subacute 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced mouse model of Parkinsonâ€™s disease. Neuroscience, 2012, 218, 257-267.	1.1	39
64	Sulfated polysaccharides of Turbinaria conoides dose-dependently mitigate oxidative stress by ameliorating antioxidants in isoproterenol induced myocardial injured rats: Evidence from histopathological study. Egyptian Heart Journal, 2012, 64, 147-153.	0.4	6
65	Theaflavin, a black tea polyphenol, protects nigral dopaminergic neurons against chronic MPTP/probenecid induced Parkinson's disease. Brain Research, 2012, 1433, 104-113.	1.1	90
66	Influence of aging on the circadian patterns of thiobarbituric acid reactive substances and antioxidants in Wistar rats. Biological Rhythm Research, 2011, 42, 147-154.	0.4	7
67	Influence of S-allyl cysteine on biochemical circadian rhythms in young and aged rats. Biological Rhythm Research, 2011, 42, 155-162.	0.4	1
68	Chemopreventive effect of Padina boergesenii extracts on ferric nitrilotriacetate (Fe-NTA)-induced oxidative damage in Wistar rats. Journal of Applied Phycology, 2011, 23, 257-263.	1.5	28
69	Hepatoprotective activity of brown alga Padina boergesenii against CCl4 induced oxidative damage in Wistar rats. Asian Pacific Journal of Tropical Medicine, 2010, 3, 696-701.	0.4	29
70	Role of biological clocks in cancer processes and chronotherapy. Biological Rhythm Research, 2010, 41, 391-402.	0.4	1
71	Resveratrol attenuates oxidative stress and improves behaviour in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) challenged parkinsonic mice. Annals of Neurosciences, 2010, 17, 113-9.	0.9	44
72	Withania somnifera root extract improves catecholamines and physiological abnormalities seen in a Parkinson's disease model mouse. Journal of Ethnopharmacology, 2009, 125, 369-373.	2.0	119

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73	Ashwagandha leaf extract: A potential agent in treating oxidative damage and physiological abnormalities seen in a mouse model of Parkinson's disease. Neuroscience Letters, 2009, 454, 11-15.	1.0	119
74	Influence of Diallyl Disulphide on Temporal Patterns of Circulatory Lipid Peroxidation Products and Antioxidants in N-Nitrosodiethylamine-Induced Hepatocarcinogenesis in Rats. Toxicology Mechanisms and Methods, 2007, 17, 25-32.	1.3	2
75	The neuroprotective effect of Withania somnifera root extract in MPTP-intoxicated mice: An analysis of behavioral and biochemical varibles. Cellular and Molecular Biology Letters, 2007, 12, 473-81.	2.7	89
76	Metabolic normalization of ?-ketoglutarate against N-nitrosodiethylamine-induced hepatocarcinogenesis in rats. Fundamental and Clinical Pharmacology, 2006, 20, 477-480.	1.0	7
77	Constant light influences the circadian oscillations of circulatory lipid peroxidation, antioxidants and some biochemical variables in rats. Biological Rhythm Research, 2006, 37, 471-477.	0.4	10
78	Monosodium glutamate affects the temporal characteristics of biochemical variables in Wistar rats. Polish Journal of Pharmacology, 2004, 56, 79-84.	0.3	5