

Patricia S Brocardo

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,280
citations

172207

29
h-index

223531

46
g-index

62
all docs

62
docs citations

62
times ranked

3211
citing authors

#	ARTICLE	IF	CITATIONS
1	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 56-84.	2.9	159
2	The role of oxidative stress in fetal alcohol spectrum disorders. <i>Brain Research Reviews</i> , 2011, 67, 209-225.	9.1	141
3	Anxiety- and depression-like behaviors are accompanied by an increase in oxidative stress in a rat model of fetal alcohol spectrum disorders: Protective effects of voluntary physical exercise. <i>Neuropharmacology</i> , 2012, 62, 1607-1618.	2.0	141
4	Folic acid administration produces an antidepressant-like effect in mice: Evidence for the involvement of the serotonergic and noradrenergic systems. <i>Neuropharmacology</i> , 2008, 54, 464-473.	2.0	118
5	Hippocampal Neurogenesis Levels Predict WATERMAZE Search Strategies in the Aging Brain. <i>PLoS ONE</i> , 2013, 8, e75125.	1.1	106
6	Fluoxetine reverses depressive-like behaviors and increases hippocampal acetylcholinesterase activity induced by olfactory bulbectomy. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 220-229.	1.3	79
7	Omega-3 supplementation can restore glutathione levels and prevent oxidative damage caused by prenatal ethanol exposure. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 760-769.	1.9	79
8	The Role of Oxidative Stress in Huntington's Disease: Are Antioxidants Good Therapeutic Candidates?. <i>Current Drug Targets</i> , 2014, 15, 454-468.	1.0	77
9	Zinc Attenuates Malathion-Induced Depressant-like Behavior and Confers Neuroprotection in the Rat Brain. <i>Toxicological Sciences</i> , 2007, 97, 140-148.	1.4	73
10	Antioxidant defenses and lipid peroxidation in the cerebral cortex and hippocampus following acute exposure to malathion and/or zinc chloride. <i>Toxicology</i> , 2005, 207, 283-291.	2.0	69
11	Antidepressant-like effect of folic acid: Involvement of NMDA receptors and l-arginine-nitric oxide-cyclic guanosine monophosphate pathway. <i>European Journal of Pharmacology</i> , 2008, 598, 37-42.	1.7	65
12	Voluntary exercise induces adult hippocampal neurogenesis and BDNF expression in a rodent model of fetal alcohol spectrum disorders. <i>European Journal of Neuroscience</i> , 2011, 33, 1799-1811.	1.2	61
13	<i>Rosmarinus officinalis</i> L. hydroalcoholic extract, similar to fluoxetine, reverses depressive-like behavior without altering learning deficit in olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2012, 143, 158-169.	2.0	57
14	Î±-Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. <i>Behavioural Brain Research</i> , 2010, 209, 249-259.	1.2	56
15	Altered adult hippocampal neuronal maturation in a rat model of fetal alcohol syndrome. <i>Brain Research</i> , 2011, 1384, 29-41.	1.1	55
16	New Avenues for the Treatment of Huntington's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8363.	1.8	55
17	Involvement of glutathione, ERK1/2 phosphorylation and BDNF expression in the antidepressant-like effect of zinc in rats. <i>Behavioural Brain Research</i> , 2008, 188, 316-323.	1.2	50
18	Central irisin administration affords antidepressant-like effect and modulates neuroplasticity-related genes in the hippocampus and prefrontal cortex of mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 294-303.	2.5	49

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19	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009, 187, 137-143.	0.4	44
20	GluN2A ^{+/+} Mice Lack Bidirectional Synaptic Plasticity in the Dentate Gyrus and Perform Poorly on Spatial Pattern Separation Tasks. <i>Cerebral Cortex</i> , 2015, 25, 2102-2113.	1.6	42
21	Antioxidant and Acetylcholinesterase Response to Repeated Malathion Exposure in Rat Cerebral Cortex and Hippocampus. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 365-369.	1.2	40
22	Folic acid administration prevents ouabain-induced hyperlocomotion and alterations in oxidative stress markers in the rat brain. <i>Bipolar Disorders</i> , 2010, 12, 414-424.	1.1	40
23	VEGF can protect against blood brain barrier dysfunction, dendritic spine loss and spatial memory impairment in an experimental model of diabetes. <i>Neurobiology of Disease</i> , 2015, 78, 1-11.	2.1	40
24	Antidepressant and pro-neurogenic effects of agmatine in a mouse model of stress induced by chronic exposure to corticosterone. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 395-407.	2.5	40
25	Impairments in hippocampal synaptic plasticity following prenatal ethanol exposure are dependent on glutathione levels. <i>Hippocampus</i> , 2013, 23, 1463-1475.	0.9	36
26	Behavioral effects and ChE measures after acute and repeated administration of malathion in rats. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 443-449.	2.0	35
27	The Effects of Ethanol Exposure During Distinct Periods of Brain Development on Oxidative Stress in the Adult Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 26-37.	1.4	35
28	Evidence for the involvement of the opioid system in the antidepressant-like effect of folic acid in the mouse forced swimming test. <i>Behavioural Brain Research</i> , 2009, 200, 122-127.	1.2	34
29	The antidepressant-like effect of chronic guanosine treatment is associated with increased hippocampal neuronal differentiation. <i>European Journal of Neuroscience</i> , 2016, 43, 1006-1015.	1.2	33
30	Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017, 54, 6245-6260.	1.9	27
31	In Pursuit of Healthy Aging: Effects of Nutrition on Brain Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5026.	1.8	26
32	Ascorbic acid presents rapid behavioral and hippocampal synaptic plasticity effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109757.	2.5	25
33	Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr ^{+/+} mouse experimental model. <i>Behavioural Brain Research</i> , 2016, 311, 31-38.	1.2	24
34	Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FNDC5/irisin pathway. <i>Journal of Neural Transmission</i> , 2020, 127, 355-370.	1.4	22
35	Impaired adult hippocampal neurogenesis in a mouse model of familial hypercholesterolemia: A role for the LDL receptor and cholesterol metabolism in adult neural precursor cells. <i>Molecular Metabolism</i> , 2019, 30, 1-15.	3.0	19
36	Effects of Ethanol Exposure during Distinct Periods of Brain Development on Hippocampal Synaptic Plasticity. <i>Brain Sciences</i> , 2013, 3, 1076-1094.	1.1	16

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37	Sodium selenite protects from 3-nitropropionic acid-induced oxidative stress in cultured primary cortical neurons. <i>Molecular Biology Reports</i> , 2019, 46, 751-762.	1.0	16
38	Enhanced corticosteroid signaling alters synaptic plasticity in the dentate gyrus in mice lacking the fragile X mental retardation protein. <i>Neurobiology of Disease</i> , 2015, 77, 26-34.	2.1	15
39	Time-Course Analysis of Protein and Lipid Oxidation in the Brains of Yac128 Huntington's Disease Transgenic Mice. <i>Rejuvenation Research</i> , 2016, 19, 140-148.	0.9	15
40	A single administration of ascorbic acid rapidly reverses depressive-like behavior and hippocampal synaptic dysfunction induced by corticosterone in mice. <i>Chemico-Biological Interactions</i> , 2021, 342, 109476.	1.7	15
41	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington's Disease Mice. <i>Molecular Neurobiology</i> , 2018, 55, 7201-7215.	1.9	14
42	Protective effect of crude extract from <i>Wedelia paludosa</i> (Asteraceae) on the hepatotoxicity induced by paracetamol in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 137-142.	1.2	13
43	Prenatal ethanol exposure impairs temporal ordering behaviours in young adult rats. <i>Behavioural Brain Research</i> , 2016, 299, 81-89.	1.2	13
44	Antidepressant Effects of Probulcol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , 2018, 2018, 1-17.	1.0	11
45	Physical exercise stimulates hippocampal mTORC1 and FNDC5/irisin signaling pathway in mice: Possible implication for its antidepressant effect. <i>Behavioural Brain Research</i> , 2021, 400, 113040.	1.2	11
46	Interplay between hormones and exercise on hippocampal plasticity across the lifespan. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165821.	1.8	10
47	Capsaicin-sensitive fibers mediate periorbital allodynia and activation of inflammatory cells after traumatic brain injury in rats: Involvement of TRPV1 channels in post-traumatic headache. <i>Neuropharmacology</i> , 2020, 176, 108215.	2.0	10
48	Ketamine, but not fluoxetine, rapidly rescues corticosterone-induced impairments on glucocorticoid receptor and dendritic branching in the hippocampus of mice. <i>Metabolic Brain Disease</i> , 2021, 36, 2223-2233.	1.4	9
49	Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure. <i>Neurochemical Research</i> , 2018, 43, 745-759.	1.6	7
50	Agmatine potentiates antidepressant and synaptic actions of ketamine: Effects on dendritic arbors and spines architecture and Akt/S6 kinase signaling. <i>Experimental Neurology</i> , 2020, 333, 113398.	2.0	7
51	Effects of postnatal ethanol exposure and maternal separation on mood, cognition and hippocampal arborization in adolescent rats. <i>Behavioural Brain Research</i> , 2021, 411, 113372.	1.2	7
52	Effects of perinatal exposure to n-3 polyunsaturated fatty acids and methylmercury on cerebellar and behavioral parameters in mice. <i>Food and Chemical Toxicology</i> , 2018, 120, 603-615.	1.8	6
53	Ethanol Exposure During Development, and Brain Oxidative Stress. , 2019, , 493-503.		6
54	Protective Effects of Agmatine Against Corticosterone-Induced Impairment on Hippocampal mTOR Signaling and Cell Death. <i>Neurotoxicity Research</i> , 2020, 38, 319-329.	1.3	6

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55	Therapeutic Strategies for Huntingtons Disease: From the Bench to the Clinic. Current Psychopharmacology, 2012, 1, 137-154.	0.1	5
56	Oxidative Stress in Fetal Alcohol Spectrum Disorders “ Insights for the Development of Antioxidant-Based Therapies. , 2014, , 645-667.		4
57	Guanosine boosts the fast, but not sustained, antidepressant-like and pro-synaptogenic effects of ketamine by stimulating mTORC1-driven signaling pathway. European Neuropsychopharmacology, 2022, 57, 15-29.	0.3	4
58	Impaired spatial processing in a mouse model of fragile X syndrome. Behavioural Brain Research, 2018, 350, 72-79.	1.2	2
59	Linking Huntington disease, brain-derived neurotrophic factor, and depressive-like behaviors. , 2021, , 161-177.		2
60	Changes in Affective Behavior and Oxidative Stress after Binge Alcohol in Male and Female Rats. Brain Sciences, 2021, 11, 1250.	1.1	2
61	Temporal Characterization of Behavioral and Hippocampal Dysfunction in the YAC128 Mouse Model of Huntington’s Disease. Biomedicines, 2022, 10, 1433.	1.4	2