

Gerardo Barragan Mejia

List of Publications by Citations

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

49
papers

1,084
citations

13
h-index

32
g-index

51
ext. papers

1,237
ext. citations

3.2
avg, IF

3.39
L-index

#	Paper	IF	Citations
49	Air pollution, cognitive deficits and brain abnormalities: a pilot study with children and dogs. <i>Brain and Cognition</i> , 2008 , 68, 117-27	2.7	348
48	Pediatric respiratory and systemic effects of chronic air pollution exposure: nose, lung, heart, and brain pathology. <i>Toxicologic Pathology</i> , 2007 , 35, 154-62	2.1	126
47	Elevated plasma endothelin-1 and pulmonary arterial pressure in children exposed to air pollution. <i>Environmental Health Perspectives</i> , 2007 , 115, 1248-53	8.4	122
46	The Role of Dopamine and Its Dysfunction as a Consequence of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 9730467	6.7	98
45	Immunotoxicity and environment: immunodysregulation and systemic inflammation in children. <i>Toxicologic Pathology</i> , 2009 , 37, 161-9	2.1	78
44	Assessment of oxidative damage induced by acute doses of morphine sulfate in postnatal and adult rat brain. <i>Neurochemical Research</i> , 2006 , 31, 549-54	4.6	52
43	Pyridoxine, regardless of serotonin levels, increases production of 5-hydroxytryptophan in rat brain. <i>Archives of Medical Research</i> , 2004 , 35, 271-4	6.6	40
42	Nasal inflammatory responses in children exposed to a polluted urban atmosphere. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1995 , 45, 427-37	3.2	31
41	Experimental hemolysis model to study bilirubin encephalopathy in rat brain. <i>Journal of Neuroscience Methods</i> , 2008 , 168, 35-41	3	20
40	Effect of testosterone and steroids homologues on indolamines and lipid peroxidation in rat brain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 94, 369-73	5.1	19
39	Cerebrolysin and morphine decrease glutathione and 5-hydroxyindole acetic acid levels in fasted rat brain. <i>Biomedicine and Pharmacotherapy</i> , 2009 , 63, 517-21	7.5	15
38	Effect of toluene and cresols on Na ⁺ ,K ⁺ -ATPase, and serotonin in rat brain. <i>Regulatory Toxicology and Pharmacology</i> , 2005 , 41, 1-5	3.4	14
37	Effect of nutritional status and ozone exposure on rat brain serotonin. <i>Archives of Medical Research</i> , 2002 , 33, 15-9	6.6	14
36	Oleic Acid Protects Against Oxidative Stress Exacerbated by Cytarabine and Doxorubicin in Rat Brain. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016 , 16, 1491-1495	2.2	10
35	Effect of an antiviral and vitamins A, C, D on dopamine and some oxidative stress markers in rat brain exposed to ozone. <i>Archives of Biological Sciences</i> , 2013 , 65, 1371-1379	0.7	9
34	Effect of morphine and lacosamide on levels of dopamine and 5-HIAA in brain regions of rats with induced hypoglycemia. <i>Pakistan Journal of Biological Sciences</i> , 2014 , 17, 292-6	0.8	6
33	Folic acid increases levels of GHS in brain of rats with oxidative stress induced with 3-nitropropionic acid. <i>Archives of Physiology and Biochemistry</i> , 2020 , 126, 1-6	2.2	6

32	Effect of cerebrolysin on the levels of glutathione and 5-HT in different regions of rat brain in presence of dantrolene. <i>Biomedicine and Aging Pathology</i> , 2011 , 1, 169-174		5
31	Effect of prostaglandin E1 (PGE1) and sildenafil on serotonin metabolism and some oxidative damage markers in rat prostate gland and brain. <i>Andrologia</i> , 2011 , 43, 266-72	2.4	5
30	Effect of sibutramine on Na ⁺ , K ⁺ ATPase activity and tryptophan levels on male and female rat brain. <i>Hormone and Metabolic Research</i> , 2009 , 41, 363-7	3.1	5
29	Effects of two new steroids and cyproterone on some biomarkers of oxidative stress and serotonergic system on rat prostate and brain. <i>Andrologia</i> , 2009 , 41, 29-34	2.4	5
28	Effect of nutritional status and ozone exposure on some biomarkers of oxidative stress in rat brain regions. <i>Nutrition and Cancer</i> , 2006 , 55, 195-200	2.8	5
27	Biochemical and histological changes produced by sweeteners and cytarabine in the brain of young rats. <i>Nutricion Hospitalaria</i> , 2018 , 35, 194-200	1	5
26	Riboflavin and pyridoxine restore dopamine levels and reduce oxidative stress in brain of rats. <i>BMC Neuroscience</i> , 2018 , 19, 71	3.2	5
25	Oseltamivir and indomethacin reduce the oxidative stress in brain and stomach of infected rats. <i>Apmis</i> , 2018 , 126, 128-134	3.4	4
24	Effect of cerebrolysin on dopaminergic neurodegeneration of rat with oxidative stress induced by 3-nitropropionic acid. <i>Acta Pharmaceutica</i> , 2016 , 66, 443-8	3.2	4
23	Human Nasal Mucosal Changes after Exposure to Urban Pollution. <i>Environmental Health Perspectives</i> , 1994 , 102, 1074	8.4	4
22	Effect of sibutramine on 5-hydroxyindole acetic acid levels and selected oxidative biomarkers on brain regions of female rats in the presence of zinc. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 421-6	3.1	3
21	The administration of food supplemented with cocoa powder during nutritional recovery reduces damage caused by oxidative stress in rat brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011 , 384, 499-504	3.4	3
20	Natural Steroids and Androgen Antagonists used as Neuroprotection in Common Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 763-771	2.6	3
19	El Pirofosfato de Tiamina Reduce el DaÑ Celular Inducido por Hipoxia en el Cerebro de Ratas Neonatas. <i>International Journal of Morphology</i> , 2014 , 32, 531-536	0.5	2
18	Effect of flutamide and two novel synthetic steroids on GABA, glutamine and some oxidative stress markers in rat brain and prostate. <i>Andrologia</i> , 2011 , 43, 225-32	2.4	2
17	Antioxidant effects of selenium in rat brain and the stimulating role of nitric oxide. <i>Nutritional Neuroscience</i> , 2003 , 6, 177-82	3.6	2
16	Effect of two antiandrogens as protectors of prostate and brain in a Huntington's animal model. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 1293-301	2.2	2
15	Assessment of Mexican Arnica () and Rosemary () Extracts on Dopamine and Selected Biomarkers of Oxidative Stress in Stomach and Brain of Infected rats. <i>Pharmacognosy Magazine</i> , 2017 , 13, 203-208	0.8	2

14	Consumption of Cooked Common Beans or Saponins Could Reduce the Risk of Diabetic Complications. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 3481-3486	3.4	2
13	Insulin plus zinc induces a favorable biochemical response effects on oxidative damage and dopamine levels in rat brain. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 230-235	7.9	1
12	βCyclodextrin and oleic acid increase levels of dopamine and potentiates oxidative damage in young and adult rat brain. <i>Lipids in Health and Disease</i> , 2018 , 17, 172	4.4	1
11	Trace elements cause oxidative damage in the brain of rats with induced hypotension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 208, 113-116	2.4	1
10	Effect of nicotine on ATPase, catalase and calcium levels in the presence of oligoelements in brain regions of young rats. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2012 , 12, 63-7	1.1	1
9	Effect of oseltamivir on catecholamines and select oxidative stress markers in the presence of oligoelements in the rat brain. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1671-7	6.1	1
8	Effect of pentylenetetrazole and carbodiimide on oxidation stress markers in rat brain. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 512-3	3.1	1
7	Cytarabine and Ferric Carboxymaltose (Fe+3) Increase Oxidative Damage and Alter Serotonergic Metabolism in Brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 149-155	2.6	1
6	Sildenafil alters biogenic amines and increases oxidative damage in brain regions of insulin-hypoglycemic rats. <i>Acta Pharmaceutica</i> , 2020 , 70, 121-127	3.2	0
5	Effect of oseltamivir and oligoelements on the levels of 5-hiaa and calcium in brain of young rats. <i>Biomedicine and Aging Pathology</i> , 2011 , 1, 193-195		
4	Assessment of a synthetic steroid and flutamide on dopamine, GSH and H2O2 levels in rat brain in presence of fructose. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2014 , 14, 126-33	2.2	
3	Pyridoxine and Zanamivir Alter Levels of Dopamine in Brain of Rats with Induced Hyperglycemia by Inhibition of Oxidative Stress. <i>International Journal of Pharmacology</i> , 2016 , 12, 161-168	0.7	
2	Sucrose Combined with L-carnitine or Desvenlafaxine does not Increase Hyperglycemia. Inhibition of Oxidative Stress may be Involved in this Effect. <i>International Journal of Pharmacology</i> , 2013 , 9, 204-210	0.7	
1	Oseltamivir induces favorable response on oxidative damage in the brain of rats treated with Bezafibrate. <i>International Journal of Neuroscience</i> , 2020 , 1-8	2	