

# Selva Rivas-Arancibia

## List of Publications by Year in descending order

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57  
papers

2,026  
citations

201575

27  
h-index

243529

44  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Chronic Oxidative Stress on Neuroinflammatory Response Mediated by CD4+T Cells in Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 114.	1.8	275
2	Vitamin C in Health and Disease: Its Role in the Metabolism of Cells and Redox State in the Brain. <i>Frontiers in Physiology</i> , 2015, 6, 397.	1.3	158
3	Oxidative Stress Caused by Ozone Exposure Induces Loss of Brain Repair in the Hippocampus of Adult Rats. <i>Toxicological Sciences</i> , 2010, 113, 187-197.	1.4	151
4	Oxidative damage in substantia nigra and striatum of rats chronically exposed to ozone. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 114-123.	1.0	80
5	Effects of Different Ozone Doses on Memory, Motor Activity and Lipid Peroxidation Levels, in Rats. <i>International Journal of Neuroscience</i> , 2001, 108, 149-161.	0.8	78
6	Modulation of short term and long term memory by steroid sexual hormones. <i>Life Sciences</i> , 1995, 56, PL255-PL260.	2.0	68
7	Effects of Taurine on Ozone-Induced Memory Deficits and Lipid Peroxidation Levels in Brains of Young, Mature, and Old Rats. <i>Environmental Research</i> , 2000, 82, 7-17.	3.7	66
8	Memory deterioration in an oxidative stress model and its correlation with cytological changes on rat hippocampus CA1. <i>Neuroscience Letters</i> , 1999, 270, 107-109.	1.0	65
9	Sepsis, mitochondrial failure and multiple organ dysfunction. <i>Clinical and Investigative Medicine</i> , 2014, 37, 58.	0.3	65
10	Modulation of long-term memory and extinction responses induced by growth hormone (GH) and growth hormone releasing hormone (GHRH) in rats. <i>Life Sciences</i> , 1995, 56, PL433-PL441.	2.0	63
11	Oxidative stress, progressive damage in the substantia nigra and plasma dopamine oxidation, in rats chronically exposed to ozone. <i>Toxicology Letters</i> , 2010, 197, 193-200.	0.4	56
12	Effect of acute ozone exposure on locomotor behavior and striatal function. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 891-900.	1.3	53
13	Effects of Ozone Exposure in Rats on Memory and Levels of Brain and Pulmonary Superoxide Dismutase. <i>Environmental Research</i> , 1998, 76, 33-39.	3.7	52
14	Oxidative stress-dependent changes in immune responses and cell death in the substantia nigra after ozone exposure in rat. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 65.	1.7	46
15	Oxidative stress caused by ozone exposure induces $\beta$ -amyloid 1-42 overproduction and mitochondrial accumulation by activating the amyloidogenic pathway. <i>Neuroscience</i> , 2015, 304, 340-348.	1.1	46
16	Mitochondrial dysfunction in the hippocampus of rats caused by chronic oxidative stress. <i>Neuroscience</i> , 2013, 252, 384-395.	1.1	40
17	Effects of vitamin E on ozone-induced memory deficits and lipid peroxidation in rats. <i>NeuroReport</i> , 1999, 10, 1689-1692.	0.6	39
18	Tibolone Prevents Oxidation and Ameliorates Cholinergic Deficit Induced by Ozone Exposure in the Male Rat Hippocampus. <i>Neurochemical Research</i> , 2014, 39, 1776-1786.	1.6	39

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19	Oxidative Stress Activates the Transcription Factors FoxO 1a and FoxO 3a in the Hippocampus of Rats Exposed to Low Doses of Ozone. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	1.9	38
20	Estradiol prevents ozone-induced increases in brain lipid peroxidation and impaired social recognition memory in female rats. <i>Neuroscience</i> , 2009, 159, 940-950.	1.1	37
21	Structural Changes of Amyloid Beta in Hippocampus of Rats Exposed to Ozone: A Raman Spectroscopy Study. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 137.	1.4	37
22	ANTIOXIDANT EFFECTS OF TAURINE, VITAMIN C, AND VITAMIN E ON OXIDATIVE DAMAGE IN HIPPOCAMPUS CAUSED BY THE ADMINISTRATION OF 3-NITROPROPIONIC ACID IN RATS. <i>International Journal of Neuroscience</i> , 2004, 114, 1133-1145.	0.8	35
23	Hormonal modulation of extinction responses induced by sexual steroid hormones in rats. <i>Life Sciences</i> , 1994, 54, PL363-PL367.	2.0	34
24	Morphologic alteration of the olfactory bulb after acute ozone exposure in rats. <i>Neuroscience Letters</i> , 1999, 274, 1-4.	1.0	33
25	Motor Impairments in an Oxidative Stress Model and its Correlation with Cytological Changes on Rat Striatum and Prefrontal Cortex. <i>International Journal of Neuroscience</i> , 2001, 108, 193-200.	0.8	31
26	Estrogen counteracts ozone-induced oxidative stress and nigral neuronal death. <i>NeuroReport</i> , 2006, 17, 629-633.	0.6	30
27	5-S-cysteinyldopamine, a neurotoxic endogenous metabolite of dopamine: Implications for Parkinson's disease. <i>Neurochemistry International</i> , 2019, 129, 104514.	1.9	27
28	The Effect of Chronic Ozone Exposure on the Activation of Endoplasmic Reticulum Stress and Apoptosis in Rat Hippocampus. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 245.	1.7	25
29	Taurine Increases Rat Survival and Reduces Striatal Damage Caused by 3-Nitropropionic Acid. <i>International Journal of Neuroscience</i> , 2001, 108, 55-67.	0.8	22
30	Estradiol prevents olfactory dysfunction induced by A $\beta$ 25-35 injection in hippocampus. <i>BMC Neuroscience</i> , 2013, 14, 104.	0.8	22
31	Effect of Ozone Exposure on Dendritic Spines of CA1 Pyramidal Neurons of the Dorsal Hippocampus and on Object-place Recognition Memory in Rats. <i>Neuroscience</i> , 2019, 402, 1-10.	1.1	18
32	Syntaxin 5 Overexpression and $\beta$ -Amyloid 1-42 Accumulation in Endoplasmic Reticulum of Hippocampal Cells in Rat Brain Induced by Ozone Exposure. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	16
33	Obesity, Oxidative Stress, and Their Effect on Serum Heme Oxygenase-1 Concentrations and Insulin in Children Aged 3 to 5 Years in a Pediatric Hospital of the Ministry of Health CDMX. <i>Childhood Obesity</i> , 2016, 12, 474-481.	0.8	15
34	Chronic exposure to low doses of ozone produces a state of oxidative stress and blood-brain barrier damage in the hippocampus of rat. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2013, 04, 24-29.	0.3	12
35	DIFFERENCES BETWEEN HIPPOCAMPUS AND CEREBRAL CORTEX IN AGED RATS IN AN OXIDATIVE STRESS MODEL. <i>International Journal of Neuroscience</i> , 2002, 112, 373-381.	0.8	11
36	Deciphering an interplay of proteins associated with amyloid $\beta$ 1-42 peptide and molecular mechanisms of Alzheimer's disease. <i>Reviews in the Neurosciences</i> , 2014, 25, 773-83.	1.4	11

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37	Oxidative Stress Caused by Ozone Exposure Induces Changes in P2X7 Receptors, Neuroinflammation, and Neurodegeneration in the Rat Hippocampus. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	11
38	Neuroprotective effects of tibolone against oxidative stress induced by ozone exposure. <i>Revista De Neurologia</i> , 2014, 58, 441-8.	7.6	11
39	The Effects of Taurine on hNT Neurons Transplanted in Adult Rat Striatum. <i>Cell Transplantation</i> , 2000, 9, 751-758.	1.2	10
40	Effect of Growth Hormone on Cyclooxygenase-2 Expression in the Hippocampus of Rats Chronically Exposed to Ozone. <i>International Journal of Neuroscience</i> , 2008, 118, 455-469.	0.8	10
41	Effects of dietary <i>Spirulina maxima</i> on vasomotor responses of aorta rings from rats fed a fructose-rich diet. <i>Nutrition Research</i> , 1998, 18, 1769-1782.	1.3	8
42	EFFECTS OF TESTOSTERONE AND GROWTH HORMONE ON LONG-TERM RETENTION AND EXTINCTION OF A PASSIVE AVOIDANCE RESPONSE IN YOUNG AND AGED RATS. <i>International Journal of Neuroscience</i> , 2007, 117, 1443-1456.	0.8	8
43	Contaminación por ozono, estrés oxidativo, plasticidad sináptica y neurodegeneración. <i>Neurología</i> , 2022, 37, 277-286.	0.3	7
44	La respuesta sistémica Th17/IL-17A aparece antes del proceso neurodegenerativo en el hipocampo de ratas expuestas a bajas dosis de ozono. <i>Neurología</i> , 2019, 34, 503-509.	0.3	7
45	Ozone pollution, oxidative stress, synaptic plasticity, and neurodegeneration. <i>Neurología (English)</i> Tj ETQq1 1 0.784314 rgBJ /Overl	0.2	7
46	CHANGES IN C-REACTIVE PROTEIN AND BIOCHEMICAL PROFILE IN PRESCHOOL CHILDREN WITH OBESITY. <i>Nutricion Hospitalaria</i> , 2015, 32, 1548-53.	0.2	7
47	Oxidative Stress and Neurodegenerative Disease. , 2011, , .		5
48	Oxidative Stress State Is Associated with Left Ventricular Mechanics Changes, Measured by Speckle Tracking in Essential Hypertensive Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	5
49	Intrastriatal injection of choline accelerates the acquisition of positively rewarded behaviors. <i>Brain Research Bulletin</i> , 1993, 30, 671-675.	1.4	4
50	MORPHOLOGICAL RECOVERY OF THE GRANULE CELLS FROM THE OLFACTORY BULB AFTER THE CESSATION OF ACUTE OZONE EXPOSURE. <i>International Journal of Neuroscience</i> , 2005, 115, 411-421.	0.8	4
51	Efecto de la exposición a bajas dosis de ozono en la expresión de la interleucina 17A durante el proceso de neurodegeneración progresiva en el hipocampo de ratas. <i>Neurología</i> , 2021, 36, 673-680.	0.3	4
52	Oxidative Stress, Inflammation, and Formation of Beta-Amyloid 42 in Brain. , 2016, , .		2
53	Effect of exposure to low doses of ozone on interleukin 17A expression during progressive neurodegeneration in the rat hippocampus. <i>Neurología (English Edition)</i> , 2021, 36, 673-680.	0.2	2
54	Growth Hormone Prevents the Memory Deficit Caused by Oxidative Stress in Early Neurodegenerative Stage in Rats. <i>Neuroscience and Medicine</i> , 2012, 03, 287-293.	0.2	2

#	ARTICLE	IF	CITATIONS
55	Chronic exposure to ozone induces cardiac antioxidant response and overexpression of either mitochondrial fision protein DRP1 and hipertrophyc-related proteins. Journal of Bioenergetics and Biomembranes, 2022, 54, 145-152.	1.0	2
56	Systemic Th17/IL-17A response appears prior to hippocampal neurodegeneration in rats exposed to low doses of ozone. NeurologÁa (English Edition), 2019, 34, 503-509.	0.2	1
57	Oxidative Stress, Antioxidant Defenses, COVID-19 and Pollution. Medical Research Archives, 2020, 8, .	0.1	1