

# Selva Rivas-Arancibia

## List of Publications by Year in descending order

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57  
papers

2,026  
citations

201674  
27  
h-index

243625  
44  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contaminación por ozono, estrés oxidativo, plasticidad sináptica y neurodegeneración. Neurología, 2022, 37, 277-286.	0.7	7
2	Ozone pollution, oxidative stress, synaptic plasticity, and neurodegeneration. Neurología (English) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.4	7
3	Chronic exposure to ozone induces cardiac antioxidant response and overexpression of either mitochondrial fission protein DRP1 and hypertrophy-related proteins. Journal of Bioenergetics and Biomembranes, 2022, 54, 145-152.	2.3	2
4	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. Neurología, 2021, 36, 673-680.	0.7	4
5	Effect of exposure to low doses of ozone on interleukin 17A expression during progressive neurodegeneration in the rat hippocampus. Neurología (English Edition), 2021, 36, 673-680.	0.4	2
6	Oxidative Stress Caused by Ozone Exposure Induces Changes in P2X7 Receptors, Neuroinflammation, and Neurodegeneration in the Rat Hippocampus. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	4.0	11
7	Oxidative Stress, Antioxidant Defenses, COVID-19 and Pollution. Medical Research Archives, 2020, 8, .	0.2	1
8	Systemic Th17/IL-17A response appears prior to hippocampal neurodegeneration in rats exposed to low doses of ozone. Neurología (English Edition), 2019, 34, 503-509.	0.4	1
9	5-S-cysteinyldopamine, a neurotoxic endogenous metabolite of dopamine: Implications for Parkinson's disease. Neurochemistry International, 2019, 129, 104514.	3.8	27
10	Effect of Ozone Exposure on Dendritic Spines of CA1 Pyramidal Neurons of the Dorsal Hippocampus and on Objectâ€place Recognition Memory in Rats. Neuroscience, 2019, 402, 1-10.	2.3	18
11	La respuesta sistémica Th17/IL-17A aparece antes del proceso neurodegenerativo en el hipocampo de ratas expuestas a bajas dosis de ozono. Neurología, 2019, 34, 503-509.	0.7	7
12	Effect of Chronic Oxidative Stress on Neuroinflammatory Response Mediated by CD4+T Cells in Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2018, 12, 114.	3.7	275
13	Structural Changes of Amyloid Beta in Hippocampus of Rats Exposed to Ozone: A Raman Spectroscopy Study. Frontiers in Molecular Neuroscience, 2017, 10, 137.	2.9	37
14	Oxidative Stress, Inflammation, and Formation of Betaâ€Amyloid 1â€42 in Brain. , 2016, , .		2
15	Syntaxin 5 Overexpression and Î²2-Amyloid 1â€42 Accumulation in Endoplasmic Reticulum of Hippocampal Cells in Rat Brain Induced by Ozone Exposure. BioMed Research International, 2016, 2016, 1-9.	1.9	16
16	The Effect of Chronic Ozone Exposure on the Activation of Endoplasmic Reticulum Stress and Apoptosis in Rat Hippocampus. Frontiers in Aging Neuroscience, 2016, 8, 245.	3.4	25
17	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. Childhood Obesity, 2016, 12, 474-481.	1.5	15
18	Oxidative stress-dependent changes in immune responses and cell death in the substantia nigra after ozone exposure in rat. Frontiers in Aging Neuroscience, 2015, 7, 65.	3.4	46

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19	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.	2.8	158
20	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.	4.0	5
21	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.	2.3	46
22	CHANGES IN C-REACTIVE PROTEIN AND BIOCHEMICAL PROFILE IN PRESCHOOL CHILDREN WITH OBESITY. <i>Nutricion Hospitalaria</i> , 2015, 32, 1548-53.	0.3	7
23	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.	4.0	38
24	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.	2.9	11
25	Tibolone Prevents Oxidation and Ameliorates Cholinergic Deficit Induced by Ozone Exposure in the Male Rat Hippocampus. <i>Neurochemical Research</i> , 2014, 39, 1776-1786.	3.3	39
26	Sepsis, mitochondrial failure and multiple organ dysfunction. <i>Clinical and Investigative Medicine</i> , 2014, 37, 58.	0.6	65
27	Neuroprotective effects of tibolone against oxidative stress induced by ozone exposure. <i>Revista De Neurologia</i> , 2014, 58, 441-8.	7.8	11
28	Estradiol prevents olfactory dysfunction induced by A $\beta$ 25-35 injection in hippocampus. <i>BMC Neuroscience</i> , 2013, 14, 104.	1.9	22
29	Mitochondrial dysfunction in the hippocampus of rats caused by chronic oxidative stress. <i>Neuroscience</i> , 2013, 252, 384-395.	2.3	40
30	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.	0.7	12
31	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
32	Oxidative Stress and Neurodegenerative Disease. , 2011, , .		5
33	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.	3.1	151
34	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.	0.8	56
35	Estradiol prevents ozone-induced increases in brain lipid peroxidation and impaired social recognition memory in female rats. <i>Neuroscience</i> , 2009, 159, 940-950.	2.3	37
36	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.	1.6	10

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37	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.	1.6	8
38	Oxidative damage in substantia nigra and striatum of rats chronically exposed to ozone. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 114-123.	2.1	80
39	Estrogen counteracts ozone-induced oxidative stress and nigral neuronal death. <i>NeuroReport</i> , 2006, 17, 629-633.	1.2	30
40	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.	1.6	4
41	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.	1.6	35
42	Effect of acute ozone exposure on locomotor behavior and striatal function. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 891-900.	2.9	53
43	DIFFERENCES BETWEEN HIPPOCAMPUS AND CEREBRAL CORTEX IN AGED RATS IN AN OXIDATIVE STRESS MODEL. <i>International Journal of Neuroscience</i> , 2002, 112, 373-381.	1.6	11
44	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.	1.6	78
45	Taurine Increases Rat Survival and Reduces Striatal Damage Caused by 3-Nitropropionic Acid. <i>International Journal of Neuroscience</i> , 2001, 108, 55-67.	1.6	22
46	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.	1.6	31
47	The Effects of Taurine on hNT Neurons Transplanted in Adult Rat Striatum. <i>Cell Transplantation</i> , 2000, 9, 751-758.	2.5	10
48	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.	7.5	66
49	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.	2.1	65
50	Morphologic alteration of the olfactory bulb after acute ozone exposure in rats. <i>Neuroscience Letters</i> , 1999, 274, 1-4.	2.1	33
51	Effects of vitamin E on ozone-induced memory deficits and lipid peroxidation in rats. <i>NeuroReport</i> , 1999, 10, 1689-1692.	1.2	39
52	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.	2.9	8
53	Effects of Ozone Exposure in Rats on Memory and Levels of Brain and Pulmonary Superoxide Dismutase. <i>Environmental Research</i> , 1998, 76, 33-39.	7.5	52
54	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.	4.3	63

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55	Modulation of short term and long term memory by steroid sexual hormones. Life Sciences, 1995, 56, PL255-PL260.	4.3	68
56	Hormonal modulation of extinction responses induced by sexual steroid hormones in rats. Life Sciences, 1994, 54, PL363-PL367.	4.3	34
57	Intrastriatal injection of choline accelerates the acquisition of positively rewarded behaviors. Brain Research Bulletin, 1993, 30, 671-675.	3.0	4