

# Silvana Chiavegatto

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,227  
citations

279798

23  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2719  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular basis of aggression. Trends in Neurosciences, 2001, 24, 713-719.	8.6	366
2	Severe Reduction of Rat Defensive Behavior to a Predator by Discrete Hypothalamic Chemical Lesions. Brain Research Bulletin, 1997, 44, 297-305.	3.0	234
3	Brain serotonin dysfunction accounts for aggression in male mice lacking neuronal nitric oxide synthase. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1277-1281.	7.1	185
4	Morphine peripheral analgesia depends on activation of the PI3K <sup>3</sup> /AKT/nNOS/NO/K <sup>+</sup> ATP signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4442-4447.	7.1	181
5	A Functional Role for Complex Gangliosides: Motor Deficits in GM2/GD2 Synthase Knockout Mice. Experimental Neurology, 2000, 166, 227-234.	4.1	148
6	Brain serotonin dysfunction accounts for aggression in male mice lacking neuronal nitric oxide synthase. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1277-1281.	7.1	99
7	Social isolation and expression of serotonergic neurotransmission-related genes in several brain areas of male mice. Genes, Brain and Behavior, 2007, 6, 529-539.	2.2	93
8	Interaction of nitric oxide and serotonin in aggressive behavior. Hormones and Behavior, 2003, 44, 233-241.	2.1	92
9	Anabolic-androgenic steroid treatment induces behavioral disinhibition and downregulation of serotonin receptor messenger RNA in the prefrontal cortex and amygdala of male mice. Genes, Brain and Behavior, 2009, 8, 161-173.	2.2	73
10	High- or low-salt diet from weaning to adulthood: Effect on body weight, food intake and energy balance in rats. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, 148-155.	2.6	68
11	Histamine and spontaneous motor activity: Biphasic changes, receptors involved and participation of the striatal dopamine system. Life Sciences, 1998, 62, 1875-1888.	4.3	55
12	Pleiotropic contributions of nitric oxide to aggressive behavior. Neuroscience and Biobehavioral Reviews, 2006, 30, 346-355.	6.1	55
13	Respiratory deficits in a rat model of Parkinson's disease. Neuroscience, 2015, 297, 194-204.	2.3	50
14	Nitric oxide synthase activity in the dorsal periaqueductal gray of rats expressing innate fear responses. NeuroReport, 1998, 9, 571-576.	1.2	45
15	Expression of $\alpha$ -synuclein is increased in the hippocampus of rats with high levels of innate anxiety. Molecular Psychiatry, 2009, 14, 894-905.	7.9	40
16	Aggression in Knockout Mice. ILAR Journal, 2000, 41, 153-162.	1.8	39
17	Individual vulnerability to escalated aggressive behavior by a low dose of alcohol: decreased serotonin receptor mRNA in the prefrontal cortex of male mice. Genes, Brain and Behavior, 2010, 9, 110-119.	2.2	39
18	Blunted stress responses in delayed type hypersensitivity in mice lacking the neuronal isoform of nitric oxide synthase. Journal of Neuroimmunology, 2003, 140, 41-48.	2.3	36

#	ARTICLE	IF	CITATIONS
19	Phosphoinositide-Specific Inositol Polyphosphate 5-Phosphatase IV Inhibits Inositide Trisphosphate Accumulation in Hypothalamus and Regulates Food Intake and Body Weight. <i>Endocrinology</i> , 2006, 147, 5385-5399.	2.8	32
20	Nitric Oxide Synthase Inhibitor Improves De Novo and Long-Term L-DOPA-Induced Dyskinesia in Hemiparkinsonian Rats. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 40.	2.5	31
21	Susceptibility and resilience to chronic social defeat stress in adolescent male mice: No correlation between social avoidance and sucrose preference. <i>Neurobiology of Stress</i> , 2020, 12, 100221.	4.0	29
22	Rats with differential self-grooming expression in the elevated plus-maze do not differ in anxiety-related behaviors. <i>Behavioural Brain Research</i> , 2015, 292, 370-380.	2.2	27
23	The renin-angiotensin system is modulated by swimming training depending on the age of spontaneously hypertensive rats. <i>Life Sciences</i> , 2011, 89, 93-99.	4.3	26
24	Hemodynamic, Morphometric and Autonomic Patterns in Hypertensive Rats - Renin-Angiotensin System Modulation. <i>Clinics</i> , 2010, 65, 85-92.	1.5	24
25	Inducible-NOS but not neuronal-NOS participate in the acute effect of TNF- $\alpha$ on hypothalamic insulin-dependent inhibition of food intake. <i>FEBS Letters</i> , 2006, 580, 4625-4631.	2.8	22
26	A transcriptional study in mice with different ethanol-drinking profiles: Possible involvement of the GABAB receptor. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 224-232.	2.9	22
27	Social stress in adolescents induces depression and brain-region-specific modulation of the transcription factor MAX. <i>Translational Psychiatry</i> , 2016, 6, e914-e914.	4.8	22
28	Alteration of NO-producing system in the basal forebrain and hypothalamus of Ts65Dn mice: an immunohistochemical and histochemical study of a murine model for Down syndrome. <i>Neurobiology of Disease</i> , 2004, 16, 563-571.	4.4	17
29	Hypothalamic expression of Peg3 gene is associated with maternal care differences between SM/J and LG/J mouse strains. <i>Brain and Behavior</i> , 2012, 2, 365-376.	2.2	17
30	Prenatal versus postnatal effects on offspring weight gain of rats exposed to diphenhydramine: A critical evaluation of fostering procedures in rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1991, 99, 219-221.	0.6	15
31	Retinal alterations in a pre-clinical model of an autism spectrum disorder. <i>Molecular Autism</i> , 2019, 10, 19.	4.9	15
32	Prenatal Exposure of Rats to Diphenhydramine: Effects on Physical Development, Open Field, and Gonadal Hormone Levels in Adults. <i>Neurotoxicology and Teratology</i> , 1997, 19, 511-516.	2.4	14
33	Water deprivation-partial rehydration induces sensitization of sodium appetite and alteration of hypothalamic transcripts. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R15-R23.	1.8	7
34	The protective role of neuronal nitric oxide synthase in endothelial vasodilation in chronic $\beta_2$ -adrenoceptor overstimulation. <i>Life Sciences</i> , 2021, 285, 119939.	4.3	5
35	Effects of prenatal diphenhydramine exposure on dopaminergic function in adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 191-193.	2.9	4
36	Hypothalamic serotonin receptors expression associated with sodium appetite enhancement produced by dehydration. <i>Appetite</i> , 2011, 57, S33.	3.7	0

#	ARTICLE	IF	CITATIONS
37	HIGH- OR LOW- SALT DIET IN WISTAR RATS. Journal of Hypertension, 2004, 22, S15.	0.5	0
38	Nitric Oxide and Aggression. , 2005, , 150-162.		0
39	Fmr1 exon 14 skipping in late embryonic development of the rat forebrain. BMC Neuroscience, 2022, 23, .	1.9	0