Salvatore Caniglia

List of Publications by Citations

35 papers	1,742 citations	25 h-index	39 g-index
39 ext. papers	2,064 ext. citations	5.6 avg, IF	4.14 L-index

#	Paper	IF	Citations
35	Estrogen, neuroinflammation and neuroprotection in Parkinson\'s disease: glia dictates resistance versus vulnerability to neurodegeneration. *Neuroscience*, **2006**, 138, 869-78	3.9	151
34	Reactive astrocytes and Wnt/Ecatenin signaling link nigrostriatal injury to repair in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson\'s disease. *Neurobiology of Disease* , **2011**, 41, 508-27	7.5	142
33	A Wnt1 regulated Frizzled-1/ECatenin signaling pathway as a candidate regulatory circuit controlling mesencephalic dopaminergic neuron-astrocyte crosstalk: Therapeutical relevance for neuron survival and neuroprotection. *Molecular Neurodegeneration*, **2011**, 6, 49	19	142
32	Bilirubin protects astrocytes from its own toxicity by inducing up-regulation and translocation of multidrug resistance-associated protein 1 (Mrp1). *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 2470-5	11.5	134
31	microRNAs in Parkinson\'s Disease: From Pathogenesis to Novel Diagnostic and Therapeutic Approaches. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	129
30	Plasticity of subventricular zone neuroprogenitors in MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) mouse model of Parkinson\'s disease involves cross talk between inflammatory and Wnt/Ecatenin signaling pathways: functional consequences for neuroprotection and repair. *Journal of Neuroscience*, **2012**, 32, 2062-85	6.6	105
29	Wnt/Ecatenin signaling is required to rescue midbrain dopaminergic progenitors and promote neurorepair in ageing mouse model of Parkinson\'s disease. *Stem Cells*, **2014**, 32, 2147-63	5.8	74
28	Aging-induced Nrf2-ARE pathway disruption in the subventricular zone drives neurogenic impairment in parkinsonian mice via PI3K-Wnt/Ecatenin dysregulation. *Journal of Neuroscience*, **2013**, 33, 1462-85	6.6	74
27	Uncovering novel actors in astrocyte-neuron crosstalk in Parkinson\'s disease: the Wnt/Ecatenin signaling cascade as the common final pathway for neuroprotection and self-repair. *European Journal of Neuroscience*, **2013**, 37, 1550-63	3.5	65
26	Targeting Wnt signaling at the neuroimmune interface for dopaminergic neuroprotection/repair in Parkinson\'s disease. *Journal of Molecular Cell Biology*, **2014**, 6, 13-26	6.3	57
25	Glia as a turning point in the therapeutic strategy of Parkinson\'s disease. *CNS and Neurological Disorders - Drug Targets*, **2010**, 9, 349-72	2.6	52
24	Reactive astrocytes are key players in nigrostriatal dopaminergic neurorepair in the MPTP mouse model of Parkinson\'s disease: focus on endogenous neurorestoration. *Current Aging Science*, **2013**, 6, 45-55	2.2	49
23	Loss of aromatase cytochrome P450 function as a risk factor for Parkinson\'s disease?. *Brain Research Reviews*, **2008**, 57, 431-43		47
22	Combining nitric oxide release with anti-inflammatory activity preserves nigrostriatal dopaminergic innervation and prevents motor impairment in a 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson\'s disease. *Journal of Neuroinflammation*, **2010**, 7, 83	10.1	46
21	Microglia Polarization, Gene-Environment Interactions and Wnt/ECatenin Signaling: Emerging Roles of Glia-Neuron and Glia-Stem/Neuroprogenitor Crosstalk for Dopaminergic Neurorestoration in Aged Parkinsonian Brain. *Frontiers in Aging Neuroscience*, **2018**, 10, 12	5.3	45
20	Stress, the immune system and vulnerability to degenerative disorders of the central nervous system in transgenic mice expressing glucocorticoid receptor antisense RNA. *Brain Research Reviews*, **2001**, 37, 259-72		45
19	Glucocorticoid receptor-nitric oxide crosstalk and vulnerability to experimental parkinsonism: pivotal role for glia-neuron interactions. *Brain Research Reviews*, **2005**, 48, 302-21		44

18	Parkinson\'s disease, aging and adult neurogenesis: Wnt/β-catenin signalling as the key to unlock the mystery of endogenous brain repair. *Aging Cell*, **2020**, 19, e13101	9.9	43
17	Hormones are key actors in gene x environment interactions programming the vulnerability to Parkinson\'s disease: glia as a common final pathway. *Annals of the New York Academy of Sciences*, **2005**, 1057, 296-318	6.5	40
16	GSK-3β-induced Tau pathology drives hippocampal neuronal cell death in Huntington\'s disease: involvement of astrocyte-neuron interactions. *Cell Death and Disease*, **2016**, 7, e2206	9.8	40
15	Switching the microglial harmful phenotype promotes lifelong restoration of subtantia nigra dopaminergic neurons from inflammatory neurodegeneration in aged mice. *Rejuvenation Research*, **2011**, 14, 411-24	2.6	35
14	Neuroendocrine-immune (NEI) circuitry from neuron-glial interactions to function: Focus on gender and HPA-HPG interactions on early programming of the NEI system. *Immunology and Cell Biology*, **2001**, 79, 400-17	5	31
13	Exposure to a dysfunctional glucocorticoid receptor from early embryonic life programs the resistance to experimental autoimmune encephalomyelitis via nitric oxide-induced immunosuppression. *Journal of Immunology*, **2002**, 168, 5848-59	5.3	31
12	Neural Stem Cell Grafts Promote Astroglia-Driven Neurorestoration in the Aged Parkinsonian Brain via Wnt/β-Catenin Signaling. *Stem Cells*, **2018**, 36, 1179-1197	5.8	27
11	Gender, neuroendocrine-immune interactions and neuron-glial plasticity. Role of luteinizing hormone-releasing hormone (LHRH). *Annals of the New York Academy of Sciences*, **2000**, 917, 678-709	6.5	26
10	Glia-Derived Extracellular Vesicles in Parkinson\'s Disease. *Journal of Clinical Medicine*, **2020**, 9,	5.1	14
9	Boosting Antioxidant Self-defenses by Grafting Astrocytes Rejuvenates the Aged Microenvironment and Mitigates Nigrostriatal Toxicity in Parkinsonian Brain an Prosurvival Axis. *Frontiers in Aging Neuroscience*, **2020**, 12, 24	5.3	11
8	The reproductive system at the neuroendocrine-immune interface: focus on LHRH, estrogens and growth factors in LHRH neuron-glial interactions. *Domestic Animal Endocrinology*, **2003**, 25, 21-46	2.3	10
7	Humanin gene expression in fibroblast of Down syndrome subjects. *International Journal of Medical Sciences*, **2020**, 17, 320-324	3.7	7
6	Cerebellar degeneration-related autoantigen 1 (CDR1) gene expression in Alzheimer\'s disease. *Neurological Sciences*, **2014**, 35, 1613-4	3.5	6
5	Vulnerability to Parkinson\'s Disease: Towards an Unifying Theory of Disease Etiology **2011**, 690-704		6
4	Extracellular Vesicles as Nanotherapeutics for Parkinson\'s Disease. *Biomolecules*, **2020**, 10,	5.9	5
3	NF-kB1 gene expression in Down syndrome patients. *Neurological Sciences*, **2015**, 36, 1065-6	3.5	4
2	Killer-specific secretory (Ksp37) gene expression in subjects with Down\'s syndrome. *Neurological Sciences*, **2016**, 37, 793-5	3.5	4
1	Cerebellar degeneration-related protein 1 expression in fibroblasts of patients affected by down syndrome **2020**, 13, 548-555		