Salvatore Caniglia

List of Publications by Year
in descending order

37 papers	2,243 citations	236833 25 h-index	377752 34 g-index
39 all docs	39 docs citations	39 times ranked	2762 citing authors

#	Article	IF	Citations
1	A Wnt1 regulated Frizzled-1/Î²-Cateninsignaling pathway as a candidate regulatory circuit controlling mesencephalic dopaminergic neuron-astrocyte crosstalk: Therapeutical relevance for neuron survival and neuroprotection. Molecular Neurodegeneration, 2011, 6, 49.	4.4	179
2	Estrogen, neuroinflammation and neuroprotection in Parkinsonâ€™s disease: Glia dictates resistance versus vulnerability to neurodegeneration. Neuroscience, 2006, 138, 869-878.	1.1	177
3	Reactive astrocytes and Wnt/Î²-catenin 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, 508-527.	2.1	177
4	microRNAs in Parkinsonâ€™s Disease: From Pathogenesis to Novel Diagnostic and Therapeutic Approaches. International Journal of Molecular Sciences, 2017, 18, 2698.	1.8	170
5	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, 2470-2475.	3.3	148
6	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/Â-Catenin Signaling Pathways: Functional Consequences for Neuroprotection and Repair. Journal of Neuroscience, 2012, 32, 2062-2085.	1.7	123
7	Parkinson's disease, aging and adult neurogenesis: Wnt/Î²â€catenin signalling as the key to unlock the mystery of endogenous brain repair. Aging Cell, 2020, 19, e13101.	3.0	105
8	Wnt/Î²-Catenin Signaling Is Required to Rescue Midbrain Dopaminergic Progenitors and Promote Neurorepair in Ageing Mouse Model of Parkinsonâ€™s Disease. Stem Cells, 2014, 32, 2147-2163.	1.4	99
9	Aging-Induced<i>Nrf2-ARE</i>Pathway Disruption in the Subventricular Zone Drives Neurogenic Impairment in Parkinsonian Mice via<i>PI3K-Wnt/</i>Î²<i>-Catenin</i>Dysregulation. Journal of Neuroscience, 2013, 33, 1462-1485.	1.7	90
10	Uncovering novel actors in astrocyteâ€“neuron crosstalk in <scp>P</scp>arkinson's disease: the <scp>W</scp>nt/Î²â€catenin signaling cascade as the common final pathway for neuroprotection and selfâ€repair. European Journal of Neuroscience, 2013, 37, 1550-1563.	1.2	81
11	Targeting Wnt signaling at the neuroimmune interface for dopaminergic neuroprotection/repair in Parkinson's disease. Journal of Molecular Cell Biology, 2014, 6, 13-26.	1.5	73
12	Microglia Polarization, Gene-Environment Interactions and Wnt/Î²-Catenin 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.	1.7	71
13	GSK-3Î²-induced Tau pathology drives hippocampal neuronal cell death in Huntingtonâ€™s disease: involvement of astrocyteâ€“neuron interactions. Cell Death and Disease, 2016, 7, e2206-e2206.	2.7	67
14	Glia as a Turning Point in the Therapeutic Strategy of Parkinsons Disease. CNS and Neurological Disorders - Drug Targets, 2010, 9, 349-372.	0.8	59
15	Glucocorticoid receptorâ€“nitric oxide crosstalk and vulnerability to experimental parkinsonism: pivotal role for gliaâ€“neuron interactions. Brain Research Reviews, 2005, 48, 302-321.	9.1	56
16	Reactive Astrocytes Are Key Players in Nigrostriatal Dopaminergic Neurorepair in the Mptp Mouse Model of Parkinsonâ€™s Disease: Focus on Endogenous Neurorestoration. Current Aging Science, 2013, 6, 45-55.	0.4	54
17	Loss of aromatase cytochrome P450 function as a risk factor for Parkinson's disease?. Brain Research Reviews, 2008, 57, 431-443.	9.1	53
18	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.	3.1	53

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19	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, 259-272.	9.1	52
20	Neural Stem Cell Grafts Promote Astroglia-Driven Neurorestoration in the Aged Parkinsonian Brain via Wnt/Î²-Catenin Signaling. Stem Cells, 2018, 36, 1179-1197.	1.4	49
21	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.	1.8	47
22	Switching the Microglial Harmful Phenotype Promotes Lifelong Restoration of Subtantia Nigra Dopaminergic Neurons from Inflammatory Neurodegeneration in Aged Mice. Rejuvenation Research, 2011, 14, 411-424.	0.9	45
23	Neuroendocrineâ€“immune (NEI) circuitry from neuronâ€“glial interactions to function: Focus on gender and HPAâ€“HPG interactions on early programming of the NEI system. Immunology and Cell Biology, 2001, 79, 400-417.	1.0	37
24	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, 5848-5859.	0.4	37
25	Gender, Neuroendocrineâ€Immune Interactions and Neuronâ€Glial Plasticity: Role of Luteinizing Hormoneâ€Releasing Hormone (LHRH). Annals of the New York Academy of Sciences, 2000, 917, 678-709.	1.8	30
26	Boosting Antioxidant Self-defenses by Grafting Astrocytes Rejuvenates the Aged Microenvironment and Mitigates Nigrostriatal Toxicity in Parkinsonian Brain via an Nrf2-Driven Wnt/Î²-Catenin Prosurvival Axis. Frontiers in Aging Neuroscience, 2020, 12, 24.	1.7	23
27	Extracellular Vesicles as Nanotherapeutics for Parkinsonâ€™s Disease. Biomolecules, 2020, 10, 1327.	1.8	19
28	Glia-Derived Extracellular Vesicles in Parkinsonâ€™s Disease. Journal of Clinical Medicine, 2020, 9, 1941.	1.0	18
29	Humanin gene expression in fibroblast of Down syndrome subjects. International Journal of Medical Sciences, 2020, 17, 320-324.	1.1	12
30	The reproductive system at the neuroendocrine-immune interface: focus on LHRH, estrogens and growth factors in LHRH neuronâ€“glial interactions. Domestic Animal Endocrinology, 2003, 25, 21-46.	0.8	11
31	Cerebellar degeneration-related autoantigen 1 (CDR1) gene expression in Alzheimerâ€™s disease. Neurological Sciences, 2014, 35, 1613-1614.	0.9	7
32	Vulnerability to Parkinson's Disease: Towards an Unifying Theory of Disease Etiology. , 2011, , 690-704.		6
33	Killer-specific secretory (Ksp37) gene expression in subjects with Downâ€™s syndrome. Neurological Sciences, 2016, 37, 793-795.	0.9	5
34	NF-kB1 gene expression in Down syndrome patients. Neurological Sciences, 2015, 36, 1065-1066.	0.9	4
35	P3.048 MPTP-reactive â€œin situâ€•inflammation as a key event in the molecular cascade linking nigrostriatal injury to repair. Parkinsonism and Related Disorders, 2009, 15, S160.	1.1	0
36	LDOC1 expression in fibroblasts of patients with Down syndrome. Open Life Sciences, 2015, 10, .	0.6	0

#	Article	IF	Citations
37	Cerebellar degeneration-related protein 1 expression in fibroblasts of patients affected by down syndrome. International Journal of Transgender Health, 2020, 13, 548-555.	1.1	0