

Salvatore Caniglia

List of Publications by Year in descending order

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37
papers

2,243
citations

236925

25
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wnt1 regulated Frizzled-1/ β -Catenin signaling pathway as a candidate regulatory circuit controlling mesencephalic dopaminergic neuron-astrocyte crosstalk: Therapeutic relevance for neuron survival and neuroprotection. <i>Molecular Neurodegeneration</i> , 2011, 6, 49.	10.8	179
2	Estrogen, neuroinflammation and neuroprotection in Parkinson's disease: Glia dictates resistance versus vulnerability to neurodegeneration. <i>Neuroscience</i> , 2006, 138, 869-878.	2.3	177
3	Reactive astrocytes and Wnt/ β -catenin signaling link nigrostriatal injury to repair in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2011, 41, 508-527.	4.4	177
4	microRNAs in Parkinson's Disease: From Pathogenesis to Novel Diagnostic and Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2698.	4.1	170
5	Bilirubin protects astrocytes from its own toxicity by inducing up-regulation and translocation of multidrug resistance-associated protein 1 (Mrp1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2470-2475.	7.1	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/ β -Catenin Signaling Pathways: Functional Consequences for Neuroprotection and Repair. <i>Journal of Neuroscience</i> , 2012, 32, 2062-2085.	3.6	123
7	Parkinson's disease, aging and adult neurogenesis: Wnt/ β -catenin signalling as the key to unlock the mystery of endogenous brain repair. <i>Aging Cell</i> , 2020, 19, e13101.	6.7	105
8	Wnt/ β -Catenin Signaling Is Required to Rescue Midbrain Dopaminergic Progenitors and Promote Neurorepair in Ageing Mouse Model of Parkinson's Disease. <i>Stem Cells</i> , 2014, 32, 2147-2163.	3.2	99
9	Ageing-Induced Nrf2-ARE Pathway Disruption in the Subventricular Zone Drives Neurogenic Impairment in Parkinsonian Mice via PI3K-Wnt/ β -Catenin Dysregulation. <i>Journal of Neuroscience</i> , 2013, 33, 1462-1485.	3.6	90
10	Uncovering novel actors in astrocyte-neuron crosstalk in Parkinson's disease: the Wnt/ β -catenin signaling cascade as the common final pathway for neuroprotection and self-repair. <i>European Journal of Neuroscience</i> , 2013, 37, 1550-1563.	2.6	81
11	Targeting Wnt signaling at the neuroimmune interface for dopaminergic neuroprotection/repair in Parkinson's disease. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 13-26.	3.3	73
12	Microglia Polarization, Gene-Environment Interactions and Wnt/ β -Catenin Signaling: Emerging Roles of Glia-Neuron and Glia-Stem/Neuroprogenitor Crosstalk for Dopaminergic Neurorestoration in Aged Parkinsonian Brain. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 12.	3.4	71
13	GSK-3 β -induced Tau pathology drives hippocampal neuronal cell death in Huntington's disease: involvement of astrocyte-neuron interactions. <i>Cell Death and Disease</i> , 2016, 7, e2206-e2206.	6.3	67
14	Glia as a Turning Point in the Therapeutic Strategy of Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 349-372.	1.4	59
15	Glucocorticoid receptor-nitric oxide crosstalk and vulnerability to experimental parkinsonism: pivotal role for glia-neuron interactions. <i>Brain Research Reviews</i> , 2005, 48, 302-321.	9.0	56
16	Reactive Astrocytes Are Key Players in Nigrostriatal Dopaminergic Neurorepair in the Mptp Mouse Model of Parkinson's Disease: Focus on Endogenous Neurorestoration. <i>Current Aging Science</i> , 2013, 6, 45-55.	1.2	54
17	Loss of aromatase cytochrome P450 function as a risk factor for Parkinson's disease?. <i>Brain Research Reviews</i> , 2008, 57, 431-443.	9.0	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. <i>Journal of Neuroinflammation</i> , 2010, 7, 83.	7.2	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. <i>Brain Research Reviews</i> , 2001, 37, 259-272.	9.0	52
20	Neural Stem Cell Grafts Promote Astroglia-Driven Neurorestoration in the Aged Parkinsonian Brain via Wnt/ β^2 -Catenin Signaling. <i>Stem Cells</i> , 2018, 36, 1179-1197.	3.2	49
21	Hormones Are Key Actors in Gene X Environment Interactions Programming the Vulnerability to Parkinson's Disease: Glia as a Common Final Pathway. <i>Annals of the New York Academy of Sciences</i> , 2005, 1057, 296-318.	3.8	47
22	Switching the Microglial Harmful Phenotype Promotes Lifelong Restoration of Substantia Nigra Dopaminergic Neurons from Inflammatory Neurodegeneration in Aged Mice. <i>Rejuvenation Research</i> , 2011, 14, 411-424.	1.8	45
23	Neuroendocrine-immune (NEI) circuitry from neuron-glia interactions to function: Focus on gender and HPA-HPG interactions on early programming of the NEI system. <i>Immunology and Cell Biology</i> , 2001, 79, 400-417.	2.3	37
24	Exposure to a Dysfunctional Glucocorticoid Receptor from Early Embryonic Life Programs the Resistance to Experimental Autoimmune Encephalomyelitis Via Nitric Oxide-Induced Immunosuppression. <i>Journal of Immunology</i> , 2002, 168, 5848-5859.	0.8	37
25	Gender, Neuroendocrine-immune Interactions and Neuron-Glia Plasticity: Role of Luteinizing Hormone-Releasing Hormone (LHRH). <i>Annals of the New York Academy of Sciences</i> , 2000, 917, 678-709.	3.8	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/ β^2 -Catenin Prosurvival Axis. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 24.	3.4	23
27	Extracellular Vesicles as Nanotherapeutics for Parkinson's Disease. <i>Biomolecules</i> , 2020, 10, 1327.	4.0	19
28	Glia-Derived Extracellular Vesicles in Parkinson's Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1941.	2.4	18
29	Humanin gene expression in fibroblast of Down syndrome subjects. <i>International Journal of Medical Sciences</i> , 2020, 17, 320-324.	2.5	12
30	The reproductive system at the neuroendocrine-immune interface: focus on LHRH, estrogens and growth factors in LHRH neuron-glia interactions. <i>Domestic Animal Endocrinology</i> , 2003, 25, 21-46.	1.6	11
31	Cerebellar degeneration-related autoantigen 1 (CDR1) gene expression in Alzheimer's disease. <i>Neurological Sciences</i> , 2014, 35, 1613-1614.	1.9	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 Down's syndrome. <i>Neurological Sciences</i> , 2016, 37, 793-795.	1.9	5
34	NF- κ B1 gene expression in Down syndrome patients. <i>Neurological Sciences</i> , 2015, 36, 1065-1066.	1.9	4
35	P3.048 MPTP-reactive α -syn inflammation as a key event in the molecular cascade linking nigrostriatal injury to repair. <i>Parkinsonism and Related Disorders</i> , 2009, 15, S160.	2.2	0
36	LDOC1 expression in fibroblasts of patients with Down syndrome. <i>Open Life Sciences</i> , 2015, 10, .	1.4	0

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37	Cerebellar degeneration-related protein 1 expression in fibroblasts of patients affected by down syndrome. <i>International Journal of Transgender Health</i> , 2020, 13, 548-555.	2.3	0