

# Francesca L Episcopo

## List of Publications by Citations

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28  
papers

1,644  
citations

22  
h-index

30  
g-index

30  
ext. papers

1,963  
ext. citations

5.8  
avg, IF

4.1  
L-index

#	Paper	IF	Citations
28	Estrogen, neuroinflammation and neuroprotection in Parkinson's disease: glia dictates resistance versus vulnerability to neurodegeneration. <i>Neuroscience</i> , <b>2006</b> , 138, 869-78	3.9	151
27	Reactive astrocytes and Wnt/ $\beta$ 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> , <b>2011</b> , 41, 508-27	7.5	142
26	A Wnt1 regulated Frizzled-1/ $\beta$ 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> , <b>2011</b> , 6, 49	19	142
25	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> , <b>2004</b> , 101, 2470-5	11.5	134
24	microRNAs in Parkinson's Disease: From Pathogenesis to Novel Diagnostic and Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	129
23	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/ $\beta$ Catenin signaling pathways: functional consequences for neuroprotection and repair. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 2062-85	6.6	105
22	Wnt/ $\beta$ Catenin signaling is required to rescue midbrain dopaminergic progenitors and promote neurorepair in ageing mouse model of Parkinson's disease. <i>Stem Cells</i> , <b>2014</b> , 32, 2147-63	5.8	74
21	Ageing-induced Nrf2-ARE pathway disruption in the subventricular zone drives neurogenic impairment in parkinsonian mice via PI3K-Wnt/ $\beta$ Catenin dysregulation. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 1462-85	6.6	74
20	Uncovering novel actors in astrocyte-neuron crosstalk in Parkinson's disease: the Wnt/ $\beta$ Catenin signaling cascade as the common final pathway for neuroprotection and self-repair. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1550-63	3.5	65
19	Glucocorticoid receptor deficiency increases vulnerability of the nigrostriatal dopaminergic system: critical role of glial nitric oxide. <i>FASEB Journal</i> , <b>2004</b> , 18, 164-6	0.9	61
18	Targeting Wnt signaling at the neuroimmune interface for dopaminergic neuroprotection/repair in Parkinson's disease. <i>Journal of Molecular Cell Biology</i> , <b>2014</b> , 6, 13-26	6.3	57
17	Glia as a turning point in the therapeutic strategy of Parkinson's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2010</b> , 9, 349-72	2.6	52
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> , <b>2013</b> , 6, 45-55	2.2	49
15	Loss of aromatase cytochrome P450 function as a risk factor for Parkinson's disease?. <i>Brain Research Reviews</i> , <b>2008</b> , 57, 431-43		47
14	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> , <b>2010</b> , 7, 83	10.1	46
13	Microglia Polarization, Gene-Environment Interactions and Wnt/ $\beta$ 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> , <b>2018</b> , 10, 12	5.3	45
12	Glucocorticoid receptor-nitric oxide crosstalk and vulnerability to experimental parkinsonism: pivotal role for glia-neuron interactions. <i>Brain Research Reviews</i> , <b>2005</b> , 48, 302-21		44

11	Parkinson's disease, aging and adult neurogenesis: Wnt/ $\beta$ -catenin signalling as the key to unlock the mystery of endogenous brain repair. <i>Aging Cell</i> , <b>2020</b> , 19, e13101	9.9	43
10	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> , <b>2005</b> , 1057, 296-318	6.5	40
9	GSK-3 $\beta$ -induced Tau pathology drives hippocampal neuronal cell death in Huntington's disease: involvement of astrocyte-neuron interactions. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2206	9.8	40
8	Switching the microglial harmful phenotype promotes lifelong restoration of substantia nigra dopaminergic neurons from inflammatory neurodegeneration in aged mice. <i>Rejuvenation Research</i> , <b>2011</b> , 14, 411-24	2.6	35
7	Neural Stem Cell Grafts Promote Astroglia-Driven Neurorestoration in the Aged Parkinsonian Brain via Wnt/ $\beta$ -catenin Signaling. <i>Stem Cells</i> , <b>2018</b> , 36, 1179-1197	5.8	27
6	Glia-Derived Extracellular Vesicles in Parkinson's Disease. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	14
5	Boosting Antioxidant Self-defenses by Grafting Astrocytes Rejuvenates the Aged Microenvironment and Mitigates Nigrostriatal Toxicity in Parkinsonian Brain an Prosurvival Axis. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 24	5.3	11
4	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> , <b>2003</b> , 25, 21-46	2.3	10
3	Extracellular Vesicles as Nanotherapeutics for Parkinson's Disease. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	5
2	Implementation of Sample Pooling Procedure Using a Rapid SARS-CoV-2 Diagnostic Real-Time PCR Test Performed Prior to Hospital Admission of People with Intellectual Disabilities. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
1	Possible implication of undescribed SMN1-SMN2 genotype in chronic EMG-pattern of SMA with transitory acute denervation. <i>Journal of Musculoskeletal Neuronal Interactions</i> , <b>2020</b> , 20, 610-613	1.3	