Jannette Rodriguez-Pallares

List of Publications by Year
in descending order

46 papers	1,757 citations	361045 20 h-index	276539 41 g-index
46 all docs	46 docs citations	46 times ranked	1944 citing authors

#	Article	IF	Citations
1	Mechanism of 6-hydroxydopamine neurotoxicity: the role of NADPH oxidase and microglial activation in 6-hydroxydopamine-induced degeneration of dopaminergic neurons. Journal of Neurochemistry, 2007, 103, 070615193023005-???.	2.1	191
2	Brain angiotensin enhances dopaminergic cell death via microglial activation and NADPH-derived ROS. Neurobiology of Disease, 2008, 31, 58-73.	2.1	176
3	Brain Renin-Angiotensin System and Microglial Polarization: Implications for Aging and Neurodegeneration. Frontiers in Aging Neuroscience, 2017, 9, 129.	1.7	172
4	The inflammatory response in the MPTP model of Parkinsonâ€™s disease is mediated by brain angiotensin: relevance to progression of the disease. Journal of Neurochemistry, 2009, 109, 656-669.	2.1	156
5	Brain renin-angiotensin system and dopaminergic cell vulnerability. Frontiers in Neuroanatomy, 2014, 8, 67.	0.9	81
6	Interaction between <scp>NADPH</scp>â€oxidase and <scp>R</scp>hoâ€kinase in angiotensin <scp>II</scp>â€induced microglial activation. Glia, 2015, 63, 466-482.	2.5	80
7	Dopamineâ€Angiotensin interactions in the basal ganglia and their relevance for Parkinson's disease. Movement Disorders, 2013, 28, 1337-1342.	2.2	77
8	Localization and functional significance of striatal neurons immunoreactive to aromatic l-amino acid decarboxylase or tyrosine hydroxylase in rat Parkinsonian models. Brain Research, 2003, 969, 135-146.	1.1	71
9	Nigral and striatal regulation of angiotensin receptor expression by dopamine and angiotensin in rodents: implications for progression of Parkinsonâ€™s disease. European Journal of Neuroscience, 2010, 32, 1695-1706.	1.2	70
10	Angiotensin II increases differentiation of dopaminergic neurons from mesencephalic precursors via angiotensin type 2 receptors. European Journal of Neuroscience, 2004, 20, 1489-1498.	1.2	55
11	Aging and Sedentarism Decrease Vascularization and VEGF Levels in the Rat Substantia Nigra. Implications for Parkinson's Disease. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 230-234.	2.4	52
12	Mitochondrial ATP-sensitive potassium channels enhance angiotensin-induced oxidative damage and dopaminergic neuron degeneration. Relevance for aging-associated susceptibility to Parkinsonâ€™s disease. Age, 2012, 34, 863-880.	3.0	46
13	Regulation of axonal development by plasma membrane gangliosides. Journal of Neurochemistry, 2007, 103, 47-55.	2.1	45
14	Brain angiotensin regulates iron homeostasis in dopaminergic neurons and microglial cells. Experimental Neurology, 2013, 250, 384-396.	2.0	39
15	Striatal dopaminergic afferents concentrate in GDNF-positive patches during development and in developing intrastriatal striatal grafts. , 1999, 406, 199-206.		36
16	Reciprocal regulation between sirtuin-1 and angiotensin-II in the substantia nigra: implications for aging and neurodegeneration. Oncotarget, 2015, 6, 26675-26689.	0.8	30
17	The Mitochondrial ATP-Sensitive Potassium Channel Blocker 5-Hydroxydecanoate Inhibits Toxicity of 6-Hydroxydopamine on Dopaminergic Neurons. Neurotoxicity Research, 2009, 15, 82-95.	1.3	29
18	Angiotensin II induces oxidative stress and upregulates neuroprotective signaling from the NRF2 and KLF9 pathway in dopaminergic cells. Free Radical Biology and Medicine, 2018, 129, 394-406.	1.3	26

#	Article	IF	Citations
19	Aging, Angiotensin system and dopaminergic degeneration in the substantia nigra. , 2011, 2, 257-74.		23
20	Interaction between Angiotensin Type 1, Type 2, and Mas Receptors to Regulate Adult Neurogenesis in the Brain Ventricularâ€"Subventricular Zone. Cells, 2019, 8, 1551.	1.8	22
21	Elimination of serotonergic cells induces a marked increase in generation of dopaminergic neurons from mesencephalic precursors. European Journal of Neuroscience, 2003, 18, 2166-2174.	1.2	21
22	Brain angiotensin and dopaminergic degeneration: relevance to Parkinson's disease. American Journal of Neurodegenerative Disease, 2012, 1, 226-44.	0.1	21
23	Serotonin decreases generation of dopaminergic neurons from mesencephalic precursors via serotonin type 7 and type 4 receptors. Developmental Neurobiology, 2007, 67, 10-22.	1.5	20
24	N-Acetylcysteine enhances production of dopaminergic neurons from mesencephalic-derived precursor cells. NeuroReport, 2001, 12, 3935-3938.	0.6	18
25	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. Molecular Neurobiology, 2018, 55, 4763-4776.	1.9	18
26	NRF2 Activation and Downstream Effects: Focus on Parkinsonâ€™s Disease and Brain Angiotensin. Antioxidants, 2021, 10, 1649.	2.2	17
27	Laser capture microdissection protocol for gene expression analysis in the brain. Histochemistry and Cell Biology, 2017, 148, 299-311.	0.8	16
28	Locomotor-activity-induced changes in striatal levels of preprotachykinin and preproenkephalin mRNA. Regulation by the dopaminergic and glutamatergic systems. Molecular Brain Research, 1999, 70, 74-83.	2.5	15
29	Angiotensin II and interleukin-1 interact to increase generation of dopaminergic neurons from neurospheres of mesencephalic precursors. Developmental Brain Research, 2005, 158, 120-122.	2.1	15
30	2â€Benzazepine Nitrones Protect Dopaminergic Neurons against 6â€Hydroxydopamineâ€Induced Oxidative Toxicity. Archiv Der Pharmazie, 2012, 345, 598-609.	2.1	15
31	Dipyridamole-induced increase in production of rat dopaminergic neurons from mesencephalic precursors. Neuroscience Letters, 2002, 320, 65-68.	1.0	12
32	Cografting of carotid body cells improves the long-term survival, fiber outgrowth and functional effects of grafted dopaminergic neurons. Regenerative Medicine, 2012, 7, 309-322.	0.8	12
33	Effects of Rho Kinase Inhibitors on Grafts of Dopaminergic Cell Precursors in a Rat Model of Parkinson's Disease. Stem Cells Translational Medicine, 2016, 5, 804-815.	1.6	11
34	Rat brain cholinergic, dopaminergic, noradrenergic and serotonergic neurons express GABAA receptors derived from the alpha3 subunit. Receptors and Channels, 2001, 7, 471-8.	1.1	9
35	The corticostriatal system mediates the "paradoxical" contraversive rotation but not the striatal hyperexpression of Fos induced by amphetamine early after 6-hydroxydopamine lesion of the nigrostriatal pathway. Experimental Brain Research, 1998, 120, 153-163.	0.7	8
36	Morphology and neurochemistry of two striatal neuronal subtypes expressing the GABAA receptor Î±3-subunit in the rat. Brain Research, 2000, 876, 124-130.	1.1	8

#	Article	IF	Citations
37	Host brain regulation of dopaminergic grafts function: Role of the serotonergic and noradrenergic systems in amphetamine-induced responses. Synapse, 2003, 47, 66-76.	0.6	6
38	Effects of GABA and GABA receptor inhibition on differentiation of mesencephalic precursors into dopaminergic neurons in vitro. Developmental Neurobiology, 2007, 67, 1549-1559.	1.5	6
39	Expanded mesencephalic precursors develop into grafts of densely packed dopaminergic neurons that reinnervate the surrounding striatum and induce functional responses in the striatal neurons. Synapse, 2005, 58, 13-22.	0.6	5
40	Different effects of antiâ€sonic hedgehog antibodies and the hedgehog pathway inhibitor cyclopamine on generation of dopaminergic neurons from neurospheres of mesencephalic precursors. Developmental Dynamics, 2008, 237, 909-917.	0.8	5
41	Effect of inhibitors of NADPH oxidase complex and mitochondrial ATPâ€sensitive potassium channels on generation of dopaminergic neurons from neurospheres of mesencephalic precursors. Developmental Dynamics, 2010, 239, 3247-3259.	0.8	5
42	Dopamine Regulates Adult Neurogenesis in the Ventricular-Subventricular Zone via Dopamine <scp>D3</scp> Angiotensin Type 2 Receptor Interactions. Stem Cells, 2021, 39, 1778-1794.	1.4	5
43	Mature intrastriatal striatal grafts revert the changes in the expression of pallidal and thalamic Î±1, Î±2 and Î²2/3 GABAA receptor subunit induced by ibotenic acid lesions in the rat striatum. Molecular Brain Research, 1998, 57, 301-309.	2.5	4
44	GABA A receptor subunit expression in intrastriatal ventral mesencephalic transplants. Experimental Brain Research, 2000, 135, 331-340.	0.7	4
45	Doseâ€dependent effect of mesenchymal stromal cells coâ€grafted with dopaminergic neurons in a Parkinson's disease rat model. Journal of Cellular and Molecular Medicine, 2021, 25, 9884-9889.	1.6	4
46	Data on the effect of Angiotensin II and 6-hydroxydopamine on reactive oxygen species production, antioxidant gene expression and viability of different neuronal cell lines. Data in Brief, 2018, 21, 934-942.	0.5	0