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	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
2	NRF2 Activation and Downstream Effects: Focus on Parkinsonâ€™s Disease and Brain Angiotensin. Antioxidants, 2021, 10, 1649.	2.2	17
3	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
4	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
5	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. Molecular Neurobiology, 2018, 55, 4763-4776.	1.9	18
6	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
7	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
8	Laser capture microdissection protocol for gene expression analysis in the brain. Histochemistry and Cell Biology, 2017, 148, 299-311.	0.8	16
9	Brain Renin-Angiotensin System and Microglial Polarization: Implications for Aging and Neurodegeneration. Frontiers in Aging Neuroscience, 2017, 9, 129.	1.7	172
10	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
11	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
12	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
13	Brain renin-angiotensin system and dopaminergic cell vulnerability. Frontiers in Neuroanatomy, 2014, 8, 67.	0.9	81
14	Brain angiotensin regulates iron homeostasis in dopaminergic neurons and microglial cells. Experimental Neurology, 2013, 250, 384-396.	2.0	39
15	Dopamineâ€Angiotensin interactions in the basal ganglia and their relevance for Parkinson's disease. Movement Disorders, 2013, 28, 1337-1342.	2.2	77
16	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
17	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
18	2â€Benzazepine Nitrones Protect Dopaminergic Neurons against 6â€Hydroxydopamineâ€Induced Oxidative Toxicity. Archiv Der Pharmazie, 2012, 345, 598-609.	2.1	15

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19	Brain angiotensin and dopaminergic degeneration: relevance to Parkinson's disease. American Journal of Neurodegenerative Disease, 2012, 1, 226-44.	0.1	21
20	Aging, Angiotensin system and dopaminergic degeneration in the substantia nigra. , 2011, 2, 257-74.		23
21	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
22	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
23	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
24	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
25	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
26	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
27	Brain angiotensin enhances dopaminergic cell death via microglial activation and NADPH-derived ROS. Neurobiology of Disease, 2008, 31, 58-73.	2.1	176
28	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
29	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
30	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
31	Regulation of axonal development by plasma membrane gangliosides. Journal of Neurochemistry, 2007, 103, 47-55.	2.1	45
32	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
33	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
34	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
35	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
36	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

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37	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
38	Dipyridamole-induced increase in production of rat dopaminergic neurons from mesencephalic precursors. Neuroscience Letters, 2002, 320, 65-68.	1.0	12
39	N-Acetylcysteine enhances production of dopaminergic neurons from mesencephalic-derived precursor cells. NeuroReport, 2001, 12, 3935-3938.	0.6	18
40	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
41	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
42	GABA A receptor subunit expression in intrastriatal ventral mesencephalic transplants. Experimental Brain Research, 2000, 135, 331-340.	0.7	4
43	Striatal dopaminergic afferents concentrate in GDNF-positive patches during development and in developing intrastriatal striatal grafts. , 1999, 406, 199-206.		36
44	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
45	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
46	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