

Jose Luis Labandeira-Garcia

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137
papers

4,922
citations

44
h-index

63
g-index

144
ext. papers

5,702
ext. citations

5.7
avg. IF

5.59
L-index

#	Paper	IF	Citations
137	Autoxidation and neurotoxicity of 6-hydroxydopamine in the presence of some antioxidants: potential implication in relation to the pathogenesis of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2000 , 74, 1605-12	6	233
136	Brain angiotensin enhances dopaminergic cell death via microglial activation and NADPH-derived ROS. <i>Neurobiology of Disease</i> , 2008 , 31, 58-73	7.5	151
135	Mechanism of 6-hydroxydopamine neurotoxicity: the role of NADPH oxidase and microglial activation in 6-hydroxydopamine-induced degeneration of dopaminergic neurons. <i>Journal of Neurochemistry</i> , 2007 , 103, 145-56	6	147
134	The inflammatory response in the MPTP model of Parkinson's disease is mediated by brain angiotensin: relevance to progression of the disease. <i>Journal of Neurochemistry</i> , 2009 , 109, 656-69	6	137
133	Brain Renin-Angiotensin System and Microglial Polarization: Implications for Aging and Neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 129	5.3	108
132	Expression of the mRNA coding the cannabinoid receptor 2 in the pallidal complex of <i>Macaca fascicularis</i> . <i>Journal of Psychopharmacology</i> , 2011 , 25, 97-104	4.6	107
131	Effects of (-)-nicotine and (-)-cotinine on 6-hydroxydopamine-induced oxidative stress and neurotoxicity: relevance for Parkinson's disease. <i>Biochemical Pharmacology</i> , 2002 , 64, 125-35	6	100
130	Development of intrastriatal striatal grafts and their afferent innervation from the host. <i>Neuroscience</i> , 1991 , 42, 407-26	3.9	95
129	Insulin-Like Growth Factor-1 and Neuroinflammation. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 365	5.3	88
128	Angiotensin type-1-receptor antagonists reduce 6-hydroxydopamine toxicity for dopaminergic neurons. <i>Neurobiology of Aging</i> , 2007 , 28, 555-67	5.6	84
127	Involvement of microglial RhoA/Rho-kinase pathway activation in the dopaminergic neuron death. Role of angiotensin via angiotensin type 1 receptors. <i>Neurobiology of Disease</i> , 2012 , 47, 268-79	7.5	78
126	Sprouting of the serotonergic afferents into striatum after selective lesion of the dopaminergic system by MPTP in adult mice. <i>Neuroscience Letters</i> , 1998 , 245, 151-4	3.3	78
125	Involvement of PPAR- γ in the neuroprotective and anti-inflammatory effects of angiotensin type 1 receptor inhibition: effects of the receptor antagonist telmisartan and receptor deletion in a mouse MPTP model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2012 , 9, 38	10.1	77
124	Angiotensin-converting enzyme inhibition reduces oxidative stress and protects dopaminergic neurons in a 6-hydroxydopamine rat model of Parkinsonism. <i>Journal of Neuroscience Research</i> , 2005 , 81, 865-73	4.4	77
123	Expression of angiotensinogen and receptors for angiotensin and prorenin in the monkey and human substantia nigra: an intracellular renin-angiotensin system in the nigra. <i>Brain Structure and Function</i> , 2013 , 218, 373-88	4	72
122	Detection of cannabinoid receptors CB1 and CB2 within basal ganglia output neurons in macaques: changes following experimental parkinsonism. <i>Brain Structure and Function</i> , 2015 , 220, 2721-38	4	70
121	Brain renin-angiotensin system and dopaminergic cell vulnerability. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 67	3.6	69

120	Reduction of dopaminergic degeneration and oxidative stress by inhibition of angiotensin converting enzyme in a MPTP model of parkinsonism. <i>Neuropharmacology</i> , 2006 , 51, 112-20	5.5	68
119	Localization and functional significance of striatal neurons immunoreactive to aromatic L-amino acid decarboxylase or tyrosine hydroxylase in rat Parkinsonian models. <i>Brain Research</i> , 2003 , 969, 135-46 ^{3.7}	3.7	66
118	Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB and CB receptors and relevance for Alzheimer's disease and levodopa-induced dyskinesia. <i>Brain, Behavior, and Immunity</i> , 2018 , 67, 139-151	16.6	65
117	Mitochondrial angiotensin receptors in dopaminergic neurons. Role in cell protection and aging-related vulnerability to neurodegeneration. <i>Cell Death and Disease</i> , 2016 , 7, e2427	9.8	65
116	Effects of aluminum and zinc on the oxidative stress caused by 6-hydroxydopamine autoxidation: relevance for the pathogenesis of Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002 , 1586, 155-68	6.9	65
115	Aging-related changes in the nigral angiotensin system enhances proinflammatory and pro-oxidative markers and 6-OHDA-induced dopaminergic degeneration. <i>Neurobiology of Aging</i> , 2012 , 33, 204.e1-11	5.6	64
114	Cortical stimulation induces Fos expression in striatal neurons via NMDA glutamate and dopamine receptors. <i>Brain Research</i> , 1995 , 700, 1-12	3.7	63
113	Dopamine-angiotensin interactions in the basal ganglia and their relevance for Parkinson's disease. <i>Movement Disorders</i> , 2013 , 28, 1337-42	7	61
112	Nigral and striatal regulation of angiotensin receptor expression by dopamine and angiotensin in rodents: implications for progression of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2010 , 32, 1695-706	3.5	59
111	Brain oxidative stress and selective behaviour of aluminium in specific areas of rat brain: potential effects in a 6-OHDA-induced model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2009 , 109, 879-88 ⁶	6	59
110	Inhibition of Rho kinase mediates the neuroprotective effects of estrogen in the MPTP model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2013 , 58, 209-19	7.5	58
109	Aging-related dysregulation of dopamine and angiotensin receptor interaction. <i>Neurobiology of Aging</i> , 2014 , 35, 1726-38	5.6	57
108	Estrogen and angiotensin interaction in the substantia nigra. Relevance to postmenopausal Parkinson's disease. <i>Experimental Neurology</i> , 2010 , 224, 517-26	5.7	57
107	Bidirectional Neural Interaction Between Central Dopaminergic and Gut Lesions in Parkinson's Disease Models. <i>Molecular Neurobiology</i> , 2018 , 55, 7297-7316	6.2	56
106	Interaction between NADPH-oxidase and Rho-kinase in angiotensin II-induced microglial activation. <i>Glia</i> , 2015 , 63, 466-82	9	55
105	Dopamine modulates astroglial and microglial activity via glial renin-angiotensin system in cultures. <i>Brain, Behavior, and Immunity</i> , 2017 , 62, 277-290	16.6	54
104	Microglial TNF- α mediates enhancement of dopaminergic degeneration by brain angiotensin. <i>Glia</i> , 2014 , 62, 145-57	9	54
103	Treadmill running induces striatal Fos expression via NMDA glutamate and dopamine receptors. <i>Experimental Brain Research</i> , 1997 , 115, 458-68	2.3	54

102	Dopaminergic neuroprotection of hormonal replacement therapy in young and aged menopausal rats: role of the brain angiotensin system. <i>Brain</i> , 2012 , 135, 124-38	11.2	52
101	Angiotensin II increases differentiation of dopaminergic neurons from mesencephalic precursors via angiotensin type 2 receptors. <i>European Journal of Neuroscience</i> , 2004 , 20, 1489-98	3.5	51
100	Angiotensin type 1 receptor blockage reduces l-dopa-induced dyskinesia in the 6-OHDA model of Parkinson's disease. Involvement of vascular endothelial growth factor and interleukin-1 β . <i>Experimental Neurology</i> , 2014 , 261, 720-32	5.7	49
99	Time course of striatal changes induced by 6-hydroxydopamine lesion of the nigrostriatal pathway, as studied by combined evaluation of rotational behaviour and striatal Fos expression. <i>Experimental Brain Research</i> , 1996 , 108, 69-84	2.3	49
98	Chronic and progressive Parkinson's disease MPTP model in adult and aged mice. <i>Journal of Neurochemistry</i> , 2016 , 136, 373-87	6	49
97	Inhibition of the microglial response is essential for the neuroprotective effects of Rho-kinase inhibitors on MPTP-induced dopaminergic cell death. <i>Neuropharmacology</i> , 2014 , 85, 1-8	5.5	48
96	1,25-Dihydroxyvitamin D(3) increases striatal GDNF mRNA and protein expression in adult rats. <i>Molecular Brain Research</i> , 2002 , 108, 143-6		47
95	Aging and sedentarism decrease vascularization and VEGF levels in the rat substantia nigra. Implications for Parkinson's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 230-4	7.3	45
94	Dopamine D2 and angiotensin II type 1 receptors form functional heteromers in rat striatum. <i>Biochemical Pharmacology</i> , 2015 , 96, 131-42	6	44
93	Crosstalk between insulin-like growth factor-1 and angiotensin-II in dopaminergic neurons and glial cells: role in neuroinflammation and aging. <i>Oncotarget</i> , 2016 , 7, 30049-67	3.3	43
92	Paracrine and Intracrine Angiotensin 1-7/Mas Receptor Axis in the Substantia Nigra of Rodents, Monkeys, and Humans. <i>Molecular Neurobiology</i> , 2018 , 55, 5847-5867	6.2	42
91	The intracellular angiotensin system buffers deleterious effects of the extracellular paracrine system. <i>Cell Death and Disease</i> , 2017 , 8, e3044	9.8	41
90	Location of prorenin receptors in primate substantia nigra: effects on dopaminergic cell death. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010 , 69, 1130-42	3.1	41
89	Effects of lesions of the nigrostriatal pathway and of nigral grafts on striatal serotonergic innervation in adult rats. <i>NeuroReport</i> , 1997 , 8, 3485-8	1.7	41
88	Menopause and Parkinson's disease. Interaction between estrogens and brain renin-angiotensin system in dopaminergic degeneration. <i>Frontiers in Neuroendocrinology</i> , 2016 , 43, 44-59	8.9	40
87	Neurochemical evidence supporting dopamine D1-D2 receptor heteromers in the striatum of the long-tailed macaque: changes following dopaminergic manipulation. <i>Brain Structure and Function</i> , 2017 , 222, 1767-1784	4	39
86	Mitochondrial ATP-sensitive potassium channels enhance angiotensin-induced oxidative damage and dopaminergic neuron degeneration. Relevance for aging-associated susceptibility to Parkinson's disease. <i>Age</i> , 2012 , 34, 863-80		37
85	Stronger Dopamine D1 Receptor-Mediated Neurotransmission in Dyskinesia. <i>Molecular Neurobiology</i> , 2015 , 52, 1408-1420	6.2	36

84	Time-course of brain oxidative damage caused by intrastriatal administration of 6-hydroxydopamine in a rat model of Parkinson's disease. <i>Neurochemical Research</i> , 2007 , 32, 99-105	4.6	36
83	Angiotensin Type 1 Receptor Antagonists Protect Against Alpha-Synuclein-Induced Neuroinflammation and Dopaminergic Neuron Death. <i>Neurotherapeutics</i> , 2018 , 15, 1063-1081	6.4	35
82	Systemic administration of N-acetylcysteine protects dopaminergic neurons against 6-hydroxydopamine-induced degeneration. <i>Journal of Neuroscience Research</i> , 2004 , 76, 551-62	4.4	35
81	Striatal dopaminergic afferents concentrate in GDNF-positive patches during development and in developing intrastriatal striatal grafts. <i>Journal of Comparative Neurology</i> , 1999 , 406, 199-206	3.4	34
80	Location of neurons projecting to the retina in mammals. <i>Neuroscience Research</i> , 1990 , 8, 291-302	2.9	34
79	Effect of chronic treatment with angiotensin type 1 receptor antagonists on striatal dopamine levels in normal rats and in a rat model of Parkinson's disease treated with L-DOPA. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 156-68	5.5	33
78	Expression of angiotensinogen and receptors for angiotensin and prorenin in the rat and monkey striatal neurons and glial cells. <i>Brain Structure and Function</i> , 2017 , 222, 2559-2571	4	32
77	Brain angiotensin regulates iron homeostasis in dopaminergic neurons and microglial cells. <i>Experimental Neurology</i> , 2013 , 250, 384-96	5.7	32
76	Identification of abducens motoneurons, accessory abducens motoneurons, and abducens internuclear neurons in the chick by retrograde transport of horseradish peroxidase. <i>Journal of Comparative Neurology</i> , 1987 , 259, 140-9	3.4	30
75	Angiotensin type 2 receptors: Role in aging and neuroinflammation in the substantia nigra. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 256-271	16.6	30
74	Rho Kinase and Dopaminergic Degeneration: A Promising Therapeutic Target for Parkinson's Disease. <i>Neuroscientist</i> , 2015 , 21, 616-29	7.6	29
73	Dopaminergic degeneration is enhanced by chronic brain hypoperfusion and inhibited by angiotensin receptor blockage. <i>Age</i> , 2013 , 35, 1675-90		28
72	Effect of iron and manganese on hydroxyl radical production by 6-hydroxydopamine: mediation of antioxidants. <i>Free Radical Biology and Medicine</i> , 2001 , 31, 986-98	7.8	28
71	Renin angiotensin system and gender differences in dopaminergic degeneration. <i>Molecular Neurodegeneration</i> , 2011 , 6, 58	19	27
70	The mitochondrial ATP-sensitive potassium channel blocker 5-hydroxydecanoate inhibits toxicity of 6-hydroxydopamine on dopaminergic neurons. <i>Neurotoxicity Research</i> , 2009 , 15, 82-95	4.3	27
69	Reciprocal regulation between sirtuin-1 and angiotensin-II in the substantia nigra: implications for aging and neurodegeneration. <i>Oncotarget</i> , 2015 , 6, 26675-89	3.3	27
68	Interaction between the serotonergic, dopaminergic, and glutamatergic systems in fenfluramine-induced Fos expression in striatal neurons. <i>Synapse</i> , 1998 , 28, 71-82	2.4	25
67	Neuroprotective and reparative effects of carotid body grafts in a chronic MPTP model of Parkinson's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 902-15	5.6	24

66	Critical period for dopaminergic neuroprotection by hormonal replacement in menopausal rats. <i>Neurobiology of Aging</i> , 2015 , 36, 1194-208	5.6	24
65	Cortical stimulation induces fos expression in intrastriatal striatal grafts. <i>Brain Research</i> , 1994 , 652, 87-93	3.7	24
64	Hypothalamic dopamine signaling regulates brown fat thermogenesis. <i>Nature Metabolism</i> , 2019 , 1, 811-826	4.9	23
63	Aging, Angiotensin system and dopaminergic degeneration in the substantia nigra	2011, 2, 257-74	23
62	Experimental data using candesartan and captopril indicate no double-edged sword effect in COVID-19. <i>Clinical Science</i> , 2021 , 135, 465-481	6.5	23
61	Glial overexpression of heme oxygenase-1: a histochemical marker for early stages of striatal damage. <i>Journal of Chemical Neuroanatomy</i> , 2005 , 29, 113-26	3.2	22
60	Physical Exercise Improves Aging-Related Changes in Angiotensin, IGF-1, SIRT1, SIRT3, and VEGF in the Substantia Nigra. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1594-1601	6.4	21
59	Elimination of serotonergic cells induces a marked increase in generation of dopaminergic neurons from mesencephalic precursors. <i>European Journal of Neuroscience</i> , 2003 , 18, 2166-74	3.5	21
58	The retinopetal system in the rat. <i>Neuroscience Research</i> , 1988 , 6, 88-95	2.9	21
57	Brain angiotensin and dopaminergic degeneration: relevance to Parkinson's disease. <i>American Journal of Neurodegenerative Disease</i> , 2012 , 1, 226-44	2.5	20
56	Interaction between the noradrenergic and serotonergic systems in locomotor hyperactivity and striatal expression of Fos induced by amphetamine in rats. <i>Experimental Brain Research</i> , 2003 , 153, 92-9	2.3	19
55	Serotonin decreases generation of dopaminergic neurons from mesencephalic precursors via serotonin type 7 and type 4 receptors. <i>Developmental Neurobiology</i> , 2007 , 67, 10-22	3.2	18
54	N-acetylcysteine enhances production of dopaminergic neurons from mesencephalic-derived precursor cells. <i>NeuroReport</i> , 2001 , 12, 3935-8	1.7	18
53	Comparison between normal developing striatum and developing striatal grafts using drug-induced Fos expression and neuron-specific enolase immunohistochemistry. <i>Neuroscience</i> , 1994 , 60, 399-415	3.9	18
52	Central nicotine induces browning through hypothalamic μ opioid receptor. <i>Nature Communications</i> , 2019 , 10, 4037	17.4	17
51	Oculomotor nucleus afferents from the interstitial nucleus of Cajal and the region surrounding the fasciculus retroflexus in the rabbit. <i>Neuroscience Letters</i> , 1989 , 101, 11-6	3.3	17
50	Gene therapy approaches in the non-human primate model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018 , 125, 575-589	4.3	16
49	GABAA receptor alpha 1-subunit-immunopositive neurons in the rat striatum. <i>Brain Research</i> , 1996 , 722, 185-9	3.7	16

48	Distribution of the vestibular neurons projecting to the oculomotor and trochlear nuclei in rabbits. <i>Brain, Behavior and Evolution</i> , 1991 , 37, 111-24	1.5	16
47	SARS-CoV-2 as a Factor to Disbalance the Renin-Angiotensin System: A Suspect in the Case of Exacerbated IL-6 Production. <i>Journal of Immunology</i> , 2020 , 205, 1198-1206	5.3	16
46	Interactions between ibuprofen, ACE2, renin-angiotensin system, and spike protein in the lung. Implications for COVID-19. <i>Clinical and Translational Medicine</i> , 2021 , 11, e371	5.7	16
45	Locomotor-activity-induced changes in striatal levels of preprotachykinin and preproenkephalin mRNA. Regulation by the dopaminergic and glutamatergic systems. <i>Molecular Brain Research</i> , 1999 , 70, 74-83		15
44	The abducens motor and internuclear neurons in the rabbit: retrograde horseradish peroxidase and double fluorescent labeling. <i>Brain Research</i> , 1989 , 497, 305-14	3.7	15
43	Autoantibodies against ACE2 and angiotensin type-1 receptors increase severity of COVID-19. <i>Journal of Autoimmunity</i> , 2021 , 122, 102683	15.5	15
42	Copper Increases Brain Oxidative Stress and Enhances the Ability of 6-Hydroxydopamine to Cause Dopaminergic Degeneration in a Rat Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 2845-2854	6.2	14
41	Interaction between Angiotensin Type 1, Type 2, and Mas Receptors to Regulate Adult Neurogenesis in the Brain Ventricular-Subventricular Zone. <i>Cells</i> , 2019 , 8,	7.9	14
40	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 4763-4776	6.2	13
39	2-Benzazepine nitrones protect dopaminergic neurons against 6-hydroxydopamine-induced oxidative toxicity. <i>Archiv Der Pharmazie</i> , 2012 , 345, 598-609	4.3	13
38	Angiotensin II and interleukin-1 interact to increase generation of dopaminergic neurons from neurospheres of mesencephalic precursors. <i>Developmental Brain Research</i> , 2005 , 158, 120-2		13
37	Is Carotid Body Infection Responsible for Silent Hypoxemia in COVID-19 Patients?. <i>Function</i> , 2020 , 2,	6.1	13
36	Alzheimer's disease DNA methylome of pyramidal layers in frontal cortex: laser-assisted microdissection study. <i>Epigenomics</i> , 2018 , 10, 1365-1382	4.4	13
35	Interactions Between the Serotonergic and Other Neurotransmitter Systems in the Basal Ganglia: Role in Parkinson's Disease and Adverse Effects of L-DOPA. <i>Frontiers in Neuroanatomy</i> , 2020 , 14, 26	3.6	12
34	Angiotensin II induces oxidative stress and upregulates neuroprotective signaling from the NRF2 and KLF9 pathway in dopaminergic cells. <i>Free Radical Biology and Medicine</i> , 2018 , 129, 394-406	7.8	12
33	The intracellular renin-angiotensin system: Friend or foe. Some light from the dopaminergic neurons. <i>Progress in Neurobiology</i> , 2021 , 199, 101919	10.9	11
32	Fenfluramine-induced increase in preproenkephalin mRNA levels in the striatum: interaction between the serotonergic, glutamatergic, and dopaminergic systems. <i>Synapse</i> , 2000 , 35, 182-91	2.4	10
31	Aging-Related Overactivity of the Angiotensin/AT1 Axis Decreases Sirtuin 3 Levels in the Substantia Nigra, Which Induces Vulnerability to Oxidative Stress and Neurodegeneration. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 416-424	6.4	10

30	Laser capture microdissection protocol for gene expression analysis in the brain. <i>Histochemistry and Cell Biology</i> , 2017 , 148, 299-311	2.4	9
29	Aging-related Increase in Rho Kinase Activity in the Nigral Region Is Counteracted by Physical Exercise. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1254-7	6.4	9
28	Cografting of carotid body cells improves the long-term survival, fiber outgrowth and functional effects of grafted dopaminergic neurons. <i>Regenerative Medicine</i> , 2012 , 7, 309-22	2.5	9
27	Dipyridamole-induced increase in production of rat dopaminergic neurons from mesencephalic precursors. <i>Neuroscience Letters</i> , 2002 , 320, 65-8	3.3	9
26	Effects of Rho Kinase Inhibitors on Grafts of Dopaminergic Cell Precursors in a Rat Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 804-15	6.9	7
25	Aging-related dysregulation in enteric dopamine and angiotensin system interactions: implications for gastrointestinal dysfunction in the elderly. <i>Oncotarget</i> , 2018 , 9, 10834-10846	3.3	7
24	Rho kinase inhibitor fasudil reduces L-DOPA-induced dyskinesia in a rat model of Parkinson's disease. <i>British Journal of Pharmacology</i> , 2020 , 177, 5622-5641	8.6	7
23	Angiotensin AT and AT receptor heteromer expression in the hemilesioned rat model of Parkinson's disease that increases with levodopa-induced dyskinesia. <i>Journal of Neuroinflammation</i> , 2020 , 17, 243	10.1	7
22	Host brain regulation of dopaminergic grafts function: role of the serotonergic and noradrenergic systems in amphetamine-induced responses. <i>Synapse</i> , 2003 , 47, 66-76	2.4	6
21	An ACE2/Mas-related receptor MrgE axis in dopaminergic neuron mitochondria. <i>Redox Biology</i> , 2021 , 46, 102078	11.3	6
20	Functional Complexes of Angiotensin-Converting Enzyme 2 and Renin-Angiotensin System Receptors: Expression in Adult but Not Fetal Lung Tissue. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
19	Glucocerebrosidase expression patterns in the non-human primate brain. <i>Brain Structure and Function</i> , 2018 , 223, 343-355	4	5
18	Hints on the Lateralization of Dopamine Binding to D1 Receptors in Rat Striatum. <i>Molecular Neurobiology</i> , 2016 , 53, 5436-45	6.2	5
17	Long-term cortical atrophy after excitotoxic striatal lesion: effects of intrastriatal fetal-striatum grafts and implications for Huntington disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001 , 60, 786-97	3.1	5
16	GABAA receptor subunit expression in intrastriatal ventral mesencephalic transplants. <i>Experimental Brain Research</i> , 2000 , 135, 331-40	2.3	4
15	Recovery after nigral grafting in 6-hydroxydopamine lesioned rats is due to graft function and not significantly influenced by the remaining ipsilateral or contralateral host dopaminergic system. <i>Brain Research</i> , 1999 , 842, 119-31	3.7	4
14	Glucocerebrosidase Gene Therapy Induces Alpha-Synuclein Clearance and Neuroprotection of Midbrain Dopaminergic Neurons in Mice and Macaques. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
13	Unmasking adenosine 2A receptors (A2ARs) in monkey basal ganglia output neurons using cholera toxin subunit B (CTB). <i>Neurobiology of Disease</i> , 2012 , 47, 347-57	7.5	3

12	Novel Interactions Involving the Mas Receptor Show Potential of the Renin-Angiotensin system in the Regulation of Microglia Activation: Altered Expression in Parkinsonism and Dyskinesia. <i>Neurotherapeutics</i> , 2021 , 18, 998-1016	6.4	3
11	Insulin-like growth factor II prevents oxidative and neuronal damage in cellular and mice models of Parkinson's disease. <i>Redox Biology</i> , 2021 , 46, 102095	11.3	2
10	Drugs Modulating Renin-Angiotensin System in COVID-19 Treatment.. <i>Biomedicines</i> , 2022 , 10,	4.8	2
9	Spanish Cell Therapy Network (TerCel): 15 years of successful collaborative translational research. <i>Cytotherapy</i> , 2020 , 22, 1-5	4.8	1
8	Olfactomedin 2 deficiency protects against diet-induced obesity.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 129, 155122	12.7	1
7	Usefulness of identifying G-protein-coupled receptor dimers for diagnosis and therapy of neurodegenerative diseases and of gliomas. <i>Histology and Histopathology</i> , 2018 , 33, 909-917	1.4	1
6	Dopamine regulates adult neurogenesis in the ventricular-subventricular zone via dopamine D3 angiotensin type 2 receptor interactions. <i>Stem Cells</i> , 2021 , 39, 1778-1794	5.8	1
5	Estrogen Deficiency and Colonic Function: Surgical Menopause and Sex Differences in Angiotensin and Dopamine Receptor Interaction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 1533-1541	6.4	1
4	Dose-dependent effect of mesenchymal stromal cells co-grafted with dopaminergic neurons in a Parkinson's disease rat model. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 9884-9889	5.6	1
3	Interaction between brain angiotensin and dopaminergic systems and Parkinson's disease 2020 , 463-477		
2	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. <i>Data in Brief</i> , 2018 , 21, 934-942	1.2	
1	Angiotensin System Autoantibodies Correlate With Routine Prognostic Indicators for COVID-19 Severity.. <i>Frontiers in Medicine</i> , 2022 , 9, 840662	4.9	