

Marina Romero-Ramos

List of Publications by Year in descending order

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citations

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#	ARTICLE	IF	CITATIONS
1	Microglia Acquire Distinct Activation Profiles Depending on the Degree of α -Synuclein Neuropathology in a rAAV Based Model of Parkinson's Disease. PLoS ONE, 2010, 5, e8784.	1.1	207
2	Neuroimmunological Processes in Parkinson's Disease and their Relation to α -Synuclein: Microglia as the Referee between Neuronal Processes and Peripheral Immunity. ASN Neuro, 2013, 5, AN20120066.	1.5	197
3	Long-term consequences of human alpha-synuclein overexpression in the primate ventral midbrain. Brain, 2007, 130, 799-815.	3.7	186
4	GDNF fails to exert neuroprotection in a rat α -synuclein model of Parkinson's disease. Brain, 2011, 134, 2302-2311.	3.7	157
5	Microglia Response During Parkinson's Disease: Alpha-Synuclein Intervention. Frontiers in Cellular Neuroscience, 2018, 12, 247.	1.8	152
6	The relation between α -synuclein and microglia in Parkinson's disease: Recent developments. Neuroscience, 2015, 302, 47-58.	1.1	141
7	Distribution of Na/K-ATPase alpha 3 isoform, a sodium-potassium pump associated with rapid onset of dystonia parkinsonism (RDP) in the adult mouse brain. Journal of Comparative Neurology, 2011, 519, 376-404.	0.9	139
8	Periphery and brain, innate and adaptive immunity in Parkinson's disease. Acta Neuropathologica, 2021, 141, 527-545.	3.9	133
9	Neuronal differentiation of stem cells isolated from adult muscle. Journal of Neuroscience Research, 2002, 69, 894-907.	1.3	129
10	Immune system responses in Parkinson's disease: Early and dynamic. European Journal of Neuroscience, 2019, 49, 364-383.	1.2	104
11	Anti-Inflammatory Modulation of Microglia via CD163-Targeted Glucocorticoids Protects Dopaminergic Neurons in the 6-OHDA Parkinson's Disease Model. Journal of Neuroscience, 2016, 36, 9375-9390.	1.7	99
12	α -Synuclein expression is modulated at the translational level by iron. NeuroReport, 2012, 23, 576-580.	0.6	93
13	Co-expression of C-terminal truncated alpha-synuclein enhances full-length alpha-synuclein-induced pathology. European Journal of Neuroscience, 2010, 32, 409-422.	1.2	90
14	Ventral tegmental area dopamine neurons are resistant to human mutant alpha-synuclein overexpression. Neurobiology of Disease, 2006, 23, 522-532.	2.1	89
15	α -Synuclein Vaccination Prevents the Accumulation of Parkinson Disease-Like Pathologic Inclusions in Striatum in Association With Regulatory T Cell Recruitment in a Rat Model. Journal of Neuropathology and Experimental Neurology, 2013, 72, 624-645.	0.9	86
16	Suppression of Map Kinases Inhibits Microglial Activation and Attenuates Neuronal Cell Death Induced by α -Synuclein Protofibrils. International Journal of Immunopathology and Pharmacology, 2009, 22, 897-909.	1.0	76
17	Adult Reserve Stem Cells and Their Potential for Tissue Engineering. Cell Biochemistry and Biophysics, 2004, 40, 1-80.	0.9	67
18	Alterations in Blood Monocyte Functions in Parkinson's Disease. Movement Disorders, 2019, 34, 1711-1721.	2.2	67

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19	Long-term polarization of microglia upon $\hat{\pm}$ -synuclein overexpression in nonhuman primates. <i>Neuroscience</i> , 2012, 208, 85-96.	1.1	61
20	Early synaptic dysfunction induced by $\hat{\pm}$ -synuclein in a rat model of Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 6363.	1.6	58
21	Multiple system atrophy-associated oligodendroglial protein p25 $\hat{\pm}$ stimulates formation of novel $\hat{\pm}$ -synuclein strain with enhanced neurodegenerative potential. <i>Acta Neuropathologica</i> , 2021, 142, 87-115.	3.9	55
22	Chronic intranasal deferoxamine ameliorates motor defects and pathology in the $\hat{\pm}$ -synuclein rAAV Parkinson's model. <i>Experimental Neurology</i> , 2013, 247, 45-58.	2.0	53
23	Progressive striatonigral degeneration in a transgenic mouse model of multiple system atrophy: translational implications for interventional therapies. <i>Acta Neuropathologica Communications</i> , 2018, 6, 2.	2.4	50
24	Isolation and characterization of cells with neurogenic potential from adult skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 893-901.	1.0	44
25	Ser129D mutant alpha-synuclein induces earlier motor dysfunction while S129A results in distinctive pathology in a rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2013, 56, 47-58.	2.1	42
26	PET imaging reveals early and progressive dopaminergic deficits after intra-striatal injection of preformed alpha-synuclein fibrils in rats. <i>Neurobiology of Disease</i> , 2021, 149, 105229.	2.1	36
27	Vaccination strategies for Parkinson disease. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 852-867.	1.4	35
28	$\hat{\pm}$ -Synuclein vaccination modulates regulatory T cell activation and microglia in the absence of brain pathology. <i>Journal of Neuroinflammation</i> , 2016, 13, 74.	3.1	35
29	Soluble $\langle \text{scp} \rangle \text{CD163} \langle / \text{scp} \rangle$ Changes Indicate Monocyte Association With Cognitive Deficits in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 963-976.	2.2	35
30	Monocyte markers correlate with immune and neuronal brain changes in REM sleep behavior disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
31	Viral Vector Mediated Overexpression of Human $\hat{\pm}$ -Synuclein in the Nigrostriatal Dopaminergic Neurons: A New Model for Parkinson's Disease. <i>CNS Spectrums</i> , 2005, 10, 235-244.	0.7	31
32	Allelic difference in Mhc2ta confers altered microglial activation and susceptibility to $\hat{\pm}$ -synuclein-induced dopaminergic neurodegeneration. <i>Neurobiology of Disease</i> , 2017, 106, 279-290.	2.1	28
33	Size-Selective Phagocytic Clearance of Fibrillar $\hat{\pm}$ -Synuclein through Conformational Activation of Complement Receptor 4. <i>Journal of Immunology</i> , 2020, 204, 1345-1361.	0.4	23
34	In vivo imaging of synaptic SV2A protein density in healthy and striatal-lesioned rats with [11C]UCB-J PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 819-830.	2.4	22
35	Changes in CD163+, CD11b+, and CCR2+ peripheral monocytes relate to Parkinson's disease and cognition. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 182-193.	2.0	20
36	Intra-striatal quinolinic acid injections protect against 6-hydroxydopamine-induced lesions of the dopaminergic nigrostriatal system. <i>Brain Research</i> , 1995, 672, 153-158.	1.1	19

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37	CD4 T cells react to local increase of α -synuclein in a pathology-associated variant-dependent manner and modify brain microglia in absence of brain pathology. <i>Heliyon</i> , 2018, 4, e00513.	1.4	18
38	Low selenium diet induces tyrosine hydroxylase enzyme in nigrostriatal system of the rat. <i>Molecular Brain Research</i> , 2000, 84, 7-16.	2.5	16
39	Neuroinflammation and Immune Changes in Prodromal Parkinson's Disease and Other Synucleinopathies. <i>Journal of Parkinson's Disease</i> , 2022, 12, S149-S163.	1.5	15
40	Immunolocalization of human alpha-synuclein in the Thy1-aSyn (61) transgenic mouse line. <i>Neuroscience</i> , 2014, 277, 647-664.	1.1	12
41	Chronic Inhibition of the High-Affinity Dopamine Uptake System Increases Oxidative Damage to Proteins in the Aged Rat Substantia Nigra. <i>Free Radical Biology and Medicine</i> , 1997, 23, 1-7.	1.3	11
42	Less induced 1-methyl-4-phenylpyridinium ion neurotoxicity on striatal slices from guinea-pigs fed with a vitamin C-deficient diet. <i>Neuroscience</i> , 1997, 77, 167-174.	1.1	9
43	Transplantation of multipotent cells extracted from adult skeletal muscles into the subventricular zone of adult rats. <i>Journal of Comparative Neurology</i> , 2005, 491, 96-108.	0.9	7
44	Decreased messenger RNA expression of key markers of the nigrostriatal dopaminergic system following vitamin E deficiency in the rat. <i>Neuroscience</i> , 2000, 101, 1029-1036.	1.1	6
45	Semichronic Inhibition of Glutathione Reductase Promotes Oxidative Damage to Proteins and Induces both Transcription and Translation of Tyrosine Hydroxylase in the Nigrostriatal System. <i>Free Radical Research</i> , 2003, 37, 1003-1012.	1.5	6
46	α -Synuclein Overexpression Increases Dopamine D2/3 Receptor Binding and Immune Activation in a Model of Early Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 1876.	1.4	5
47	Increased Activity and Expression of Tyrosine Hydroxylase in the Rat Substantia Nigra after Chronic Treatment with Nomifensine. <i>Molecular Pharmacology</i> , 1997, 52, 641-647.	1.0	4
48	Alpha Synuclein in Parkinson's Disease. , 2014, , 691-726.		4
49	Immune response during idiopathic Parkinson's disease: From humans to animal models. <i>International Review of Movement Disorders</i> , 2021, 2, 261-301.	0.1	1
50	Changes in the Immune System in Parkinson's Disease. , 2018, , 1-21.		0
51	Changes in the Immune System in Parkinson's Disease. , 2019, , 2353-2373.		0